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RADIO STATIONS OF

THE UNITED STATES

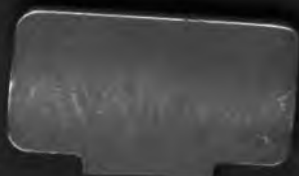
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RADIO STATIONS OF THE  
UNITED STATES

EDITION JULY 1, 1913



WASHINGTON  
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1913

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# RADIO STATIONS OF THE UNITED STATES

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EDITION JULY 1, 1913



WASHINGTON  
GOVERNMENT PRINTING OFFICE  
1913

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(RECAP)

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## NOTES.

Underscoring of normal wave lengths is indicated by the use of italics.

Government vessels showing "nature of service" to be PR, O, or PG, O, will accept or transmit paid messages for officers or members of crews.

Government vessels proceeding singly may relay messages to the coast upon request. The regular ship rate will apply.

### INTERNATIONAL ABBREVIATIONS USED IN THIS LIST.

Nature of service.—PG, general public; PR, limited public; P, Private (limited commercial); O, Government.

Hours of operation.—N, continuous; X, no regular hours.

Classification.—b, ship station; c, land station.

# RADIO STATIONS OF THE UNITED STATES.

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## INTRODUCTION.

This list, including land and ship stations, is published in accordance with Section I of an act of Congress entitled "An act to regulate radio communication," approved August 13, 1912.

The following instructions concerning radio call letters are issued for the information of those concerned:

1. Section 7 of the act of August 13, 1912, to regulate radio communication provides:

SEC. 7. That a person, company, or corporation within the jurisdiction of the United States shall not knowingly utter or transmit, or cause to be uttered or transmitted, any false or fraudulent distress signal or call or false or fraudulent signal, call, or other radiogram of any kind. The penalty for so uttering or transmitting a false or fraudulent distress signal or call shall be a fine of not more than two thousand five hundred dollars or imprisonment for not more than five years, or both, in the discretion of the court, for each and every such offense, and the penalty for so uttering or transmitting, or causing to be uttered or transmitted, any other false or fraudulent signal, call, or other radiogram shall be a fine of not more than one thousand dollars or imprisonment for not more than two years, or both, in the discretion of the court, for each and every such offense.

2. The Service Regulations of the International Radiotelegraphic Conventions provide that the call letters of stations in the international system must each be formed of a group of three letters which shall be distinguishable from one another. The London International Radiotelegraphic Conference made a partial allotment of call letters among nations which signed the convention and the International Bureau at Berne, with the consent of such nations, has modified and added to this assignment of call letters by circular of April 23, 1913. The distribution of call letters among nations thus authorized is printed on the page following for the guidance of operators of all stations, ship and shore, of the United States.

A.....All to Germany and protectorates.	ONA to OTZ..Belgium and colonies.
B.....All to Great Britain.	OUA to OZZ..Denmark.
CAA to CMZ..Not yet assigned.	PAA to PIZ..Netherlands.
CNA to CNZ..Morocco.	PJA to PJM..Curaçao (Dutch).
COA to CPZ..Chile.	PJN to PJC..Surinam (Dutch).
CQA to CQZ..Monaco.	PKA to PMZ..Dutch East Indies.
CRA to CTZ..Portugal and colonies.	PNA to PZZ..Not yet assigned.
CUA to CUZ..Not yet assigned.	Q.....Reserved for code abbreviations.
CVA to CVZ..Roumania.	R.....All to Russia.
CWA to CWZ..Uruguay.	SAA to SMZ..Sweden.
CXA to CZZ..Not yet assigned.	SNA to STZ..Brazil.
D.....All to Germany and protectorates.	SUA to SUZ..Egypt.
EAA to EGZ..Spain and colonies.	SVA to SZZ..Greece.
EHA to EZZ..Not yet assigned.	TAA to TMZ..Turkey.
F.....All to France and colonies.	TNA to TZZ..Not yet assigned.
G.....All to Great Britain.	UAA to UMZ..France and colonies.
HAA to HFZ..Austria-Hungary and Bosnia-Herzegovina.	UNA to UZZ..Austria-Hungary and Bosnia-Herzegovina.
HGA to HHZ..Siam.	VAA to VGZ..Canada (British).
HIA to HZZ..Not yet assigned.	VHA to VKZ..Australian Federation (British).
I.....All to Italy and colonies.	VLA to VMZ..New Zealand (British).
J.....All to Japan and possessions.	VNA to VNZ..South African Union (British).
KAA to KCZ..Germany and protectorates.	VOA to VOZ..Newfoundland (British).
KDA to KZZ..United States.	VPA to VSZ..British colonies not autonomous.
LAA to LHZ..Norway.	VTA to VWZ..British India.
LIA to LRZ..Argentine Republic.	VXA to VZZ..Not yet assigned.
LSA to LWZ..Not yet assigned.	W.....All to the United States.
LXA to LZZ..Bulgaria.	XAA to XCZ..Mexico.
M.....All to Great Britain.	XDA to XZZ..Not yet assigned.
N.....All to the United States.	YAA to YZZ..Not yet assigned.
OAA to OFZ..Not yet assigned.	ZAA to ZZZ..Not yet assigned.
OGA to OMZ..Austria-Hungary and Bosnia-Herzegovina.	

## PUBLIC-SERVICE STATIONS.

3. The call letters assigned to the United States are all combinations (676) beginning with the letter N and all (676) beginning with the letter W and all combinations (598) from KDA to KZZ, inclusive. The total number of international call letters assigned to the United States is thus 1,950 and these are reserved for Government stations and stations open to public and limited commercial service.

(a) All combinations beginning with the letter N are reserved for Government stations and in addition the combinations from WUA to WVZ and WXA to WZZ are reserved for stations of the Army of the United States.

(b) The combinations KDA to KZZ, with a few exceptions, are reserved for ship and coast stations on the Atlantic coast and Gulf of Mexico.

(c) The combinations beginning with W (except WUA to WVZ and WXA to WZZ as already indicated) are reserved, with a few exceptions, for ship and coast stations on the Pacific coast and on the Great Lakes.

#### AMATEUR STATIONS.

4. The call letters for amateur stations in the United States will be awarded by radio inspectors, each for his own district, respectively, according to the following system:

(a) The call will consist of three items; number of radio district; followed by two letters of the alphabet. Thus, the call of all amateur stations in New England (which comprises the first district) will be the figure "one" in Continental Morse, followed by two letters; in California (in the sixth district) the figure "six" followed by two letters; in South Carolina the figure "four" followed by two letters; in Missouri the figure "nine" followed by two letters, etc. The letters X, Y, Z, must not be used as the first of the two letters.

The territory of each district is as follows:

1. BOSTON, MASS.....Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut.
2. NEW YORK, N. Y.....New York (county of New York, Staten Island, Long Island, and counties on the Hudson River to and including Albany, Rensselaer, and Schenectady), and New Jersey (counties of Bergen, Passaic, Essex, Union, Middlesex, Monmouth, Hudson, and Ocean).
3. BALTIMORE, MD.....New Jersey (all counties not included in second district), Pennsylvania (counties of Philadelphia, Delaware, all counties south of the Blue Mountains, and Franklin County), Delaware, Maryland, Virginia, District of Columbia.
4. SAVANNAH, GA.....North Carolina, South Carolina, Georgia, Florida, Porto Rico.
5. NEW ORLEANS, LA...Alabama, Mississippi, Louisiana, Texas, Tennessee, Arkansas, Oklahoma, New Mexico.
6. SAN FRANCISCO, CAL..California, Hawaii, Nevada, Utah, Arizona.
7. SEATTLE, WASH.....Oregon, Washington, Alaska, Idaho, Montana, Wyoming.
8. CLEVELAND, OHIO....New York (all counties not included in second district), Pennsylvania (all counties not included in third district), West Virginia, Ohio, Michigan (Lower Peninsula).
9. CHICAGO, ILL.....Indiana, Illinois, Wisconsin, Michigan (Upper Peninsula), Minnesota, Kentucky, Missouri, Kansas, Colorado, Iowa, Nebraska, South Dakota, North Dakota.

(b) The three items, a given figure first, followed by two letters of the alphabet, thus may be combined in 598 different calls, which will probably suffice for the amateur sending stations in most districts for some time to come.

(c) Radio inspectors will insert amateur station calls in station licenses according to this system, and will keep a permanent chart, of 598 squares, lettered with the alphabet from left to right and from top to bottom (A to W), inserting in the appropriate square the serial license number of the station to which the call letters were awarded. Within these limitations radio inspectors will use their discretion in the award of calls, avoiding, of course, duplications.

(d) When a station is abandoned and the license canceled, or if a license shall be forfeited for violation of law, the call assigned to it may be allotted to another station.

(e) If the entire 598 calls have been exhausted, radio inspectors will issue additional calls, consisting of the figure of the district followed by three letters. From such combinations should be excluded the combinations SOS and PRB, all three-letter combinations beginning with QR or QS, all combinations involving the repetition of the same letter three times, three-letter combinations beginning with K, N, W, X, Y, Z, and other combinations, which, for various reasons, international, national, local, or individual, may be objectionable. With such exclusions, over 10,000 calls will remain for each district.

#### LIMITED COMMERCIAL STATIONS.

5. Calls for limited commercial land stations will be allotted by the Bureau of Navigation in a special manner to indicate, if practicable, the different radio districts over which such stations usually radiate messages, as well as to identify the stations.

#### SPECIAL CLASSES OF STATIONS.

6. Calls for special classes of stations, such as experiment stations for the development of radio communication, technical and training school stations, and special amateur stations will be allotted by the Bureau of Navigation.

The call will consist of three items, the number of the radio district, followed by two letters of the alphabet. The first letter will be: X, for experiment stations; Y, technical and training schools; Z, special amateur stations.

Twenty-six different combinations for each class in each district, of course, are possible. If more should prove necessary for any class in any district, a third letter will be added to the call.

## RADIO STATIONS OF THE WORLD.

The International List of Radio Stations of the World, third edition, English, is adopted as the official list. This list will include the stations of the United States, excepting amateurs, and contain additional information, such as geographical location, normal range in nautical miles, radio system, and rates.

Persons desiring this list should communicate direct with the International Bureau of the Telegraphic Union (Radiotelegraphic Service), Berne, Switzerland. The price will be 60 cents per copy, not including postage. The rates of postage will be as follows: One copy, 24 cents; two copies, 32 cents; three copies, 48 cents. A subscription of 80 cents additional secures all supplements (postpaid) as issued from time to time until the next international list is published in the autumn of 1914. The stations of the United States will be printed in the first supplement.

Applications for the international list of call letters (stations of the world) should also be addressed to the International Bureau at Berne.

E. T. CHAMBERLAIN,  
*Commissioner of Navigation.*

Approved:

EDWIN F. SWEET,  
*Assistant Secretary.*

## PART I.

### LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

[This list includes commercial, special, Army, Navy, and all other land stations except restricted and general amateur. The special land stations are grouped at the end of this list.]

Name.	Call signal.	Wave lengths.	Nature of service.	Hours of operation.	Station controlled by—
Annapolis, Md.....	NAK	600.....	O.....	8 a. m. to 10 p. m.	U. S. Navy.
Arlington, Radio, Va.	NAA	2500.....	O.....	N.....	U. S. Navy.
Ashtabula, Ohio.....	WSA	.....	.....	.....	Marconi Co. <sup>1</sup>
Astoria, Oreg.....	KPC	300, 600.....	PG.....	N.....	Marconi Co.
Atlantic City, N. J.....	WAX	.....	.....	.....	Marconi Co.
Avalon, Cal.....	KPI	300, 600.....	PR.....	7 a. m. to 8 p. m.	Marconi Co.
Balboa, P a n a m a Canal Zone.	NPJ	300, 600, 1800.	PG.....	N.....	U. S. Navy.
Baltimore, Md.....	WBS	300, 600.....	PG.....	N.....	Marconi Co.
Beaufort, N. C.....	NAN	300, 600.....	PR.....	N.....	U. S. Navy.
Benton Harbor, Mich.	WBN	.....	.....	.....	Marconi Co.
Boston, Mass.....	WCH	.....	.....	.....	National Electric Signaling Co.
Boston, Mass.....	WBF	300, 600.....	PG.....	N.....	Marconi Co.
Boston, Mass.....	NAD	600, 1000.....	O.....	N.....	U. S. Navy.
Bremerton, Wash.....	NPC	600.....	O.....	N.....	U. S. Navy.
Brooklyn, N. Y.....	WCG	.....	.....	.....	National Electric Signaling Co.
Buffalo, N. Y.....	WBL	.....	.....	.....	Marconi Co.
Burnett Inlet, Alaska.	KIU	.....	.....	.....	Marconi Co.
Calumet, Mich.....	WCM	.....	.....	.....	Marconi Co.
Cape Blanco, Oreg....	NPF	300, 600.....	PG.....	N.....	U. S. Navy.
Cape Cod, Mass.....	NAE	300, 600.....	PR.....	N.....	U. S. Navy.

<sup>1</sup> Marconi Wireless Telegraph Co. of America.

LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Hours of operation.	Station controlled by—
Cape Hatteras (Buxton), N. C.	WHA	300, 600.....	PG.....	N.....	Marconi Co.
Cape May, N. J.....	WUY	300, 600.....	PG.....	N.....	Marconi Co.
Cavite, P. I.....	NPO	600.....	O.....	N.....	U. S. Navy.
Charleston, S. C.....	NAG	300, 600, 1000, 1800.	PG, O.	N.....	U. S. Navy.
Chicago, Ill.....	WGO	300, 600.....	PG.....	12.30 p. m. to 7 p. m., 8 p. m. to 11.30 p. m., 12.30 a. m. to 7 a. m., 8 a. m. to 11.30 a. m., when lake is open to navigation.	Marconi Co.
Chignik, Alaska.....	KHC	.....	.....	.....	Marconi Co.
Circle City, Alaska .	WVA	.....	PG, O.	.....	U. S. Army.
Clarks Point, Alaska.	KHG	.....	.....	.....	Marconi Co.
Cleveland, Ohio.....	WCX	300, 600.....	PG.....	N, Apr. 15 to Dec. 15.	Marconi Co.
Colon, Panama Canal Zone.	NAX	300, 600, 1800.	PG, O.	N.....	U. S. Navy.
Cordova, Alaska.....	NPA	300, 600, 1800.	PG.....	N.....	U. S. Navy.
Corregidor Island, P. I.	WVN	.....	O.....	.....	U. S. Army.
Cuyo, P. I.....	WVX	600.....	PG, O.	.....	U. S. Army.
Daley City, Cal.....	KHP	.....	.....	.....	Marconi Co.
Davao, P. I.....	WVO	600.....	PG, O.	.....	U. S. Army.
De Russey, T. H.....	WZG	.....	O.....	.....	U. S. Army.
Detroit, Mich.....	WDR	.....	.....	.....	Marconi Co.
Diamond Shoals Lightship (off Cape Hatteras, N. C.).	NLB	300, 600.....	PR.....	8 a. m. to 10 p. m.	U. S. Navy.
Douglas, Ariz.....	KDC	300, 600.....	P.....	10 a. m. to 11 a. m.; 4 p. m. to 5 p. m.	Copper Queen Consolidated Mining Co.



## LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Hours of operation.	Station controlled by—
Duluth, Minn.....	WDM	300, 600.....	PG....	Apr. 15 to Dec. 15: N, except from 8 a. m. to 7 a. m.; 12 noon to 1 p. m.; 6 p. m. to 7 p. m. Dec. 15 to Apr. 15: 7 a. m. to 7 p. m. except from 12 noon to 1 p. m.	Marconi Co.
Dutch Harbor, Alaska	NPR	300, 600, 1800	PG....	N.....	U. S. Navy.
El Paso, Tex.....	WEP	2000, 2500, 2900, 3500	PR....	6 a. m. to 7 p. m.	Federal Telegraph Co.
Ensanada, P. R.....	WPR	.....	.....	.....	Guanica Centrale.
Eureka, Cal.....	KPM	.....	.....	.....	Marconi Co.
Eureka, Cal.....	NPW	300, 600, 1000, 1800	PG....	N.....	U. S. Navy.
Fairbanks, Alaska....	WVB	.....	PG, O.....	.....	U. S. Army.
Farallons, Cal.....	NPI	300, 600.....	PR....	N.....	U. S. Navy.
Fire Island, N. Y....	NAG	300, 600.....	PR....	N.....	U. S. Navy.
Fort Andrews, Mass..	WUA	.....	O.....	.....	U. S. Army.
Fort Drum, P. I.....	WVP	.....	O.....	.....	U. S. Army.
Fort Egbert, Alaska..	WVC	.....	PG, O.....	.....	U. S. Army.
Fort Frank, P. I.....	WVL	.....	O.....	.....	U. S. Army.
Fort Gibbon, Alaska.	WVD	.....	PG, O.....	.....	U. S. Army.
Fort Hancock, N. J..	WUB	.....	O.....	.....	U. S. Army.
Fort H. G. Wright, N. Y.	WUC	.....	O.....	.....	U. S. Army.
Fort Hughes, P. I....	WVM	.....	O.....	.....	U. S. Army.
Fort Leavenworth, Kans.	WUD	.....	O.....	.....	U. S. Army.

LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Hours of operation.	Station controlled by—
Fort Leavenworth, Kans. (Army Signal School).	WUV	.....	O.....	.....	U. S. Army.
Fort Levett, Me.....	WUE	.....	O.....	.....	U. S. Army.
Fort Monroe, Va.....	WUF	.....	O.....	.....	U. S. Army.
Fort Monroe, Va. (Coast Artillery School).	WUG	.....	O.....	.....	U. S. Army.
Fort Morgan, Ala.....	WFM	.....	.....	.....	Marconi Co.
Fort Omaha, Nebr...	WUH	.....	O.....	.....	U. S. Army.
Fort Riley, Kans.....	WUI	.....	O.....	.....	U. S. Army.
Fort St. Michael, Alaska.	WVE	600, 1200.....	PG, O.	9 a. m. to 9 p. m.	U. S. Army.
Fort Sam Houston, Tex.	WUJ	.....	O.....	.....	U. S. Army.
Fort Stevens, Oreg...	WUK	.....	O.....	.....	U. S. Army.
Fort Totten, N. Y....	WUL	.....	O.....	.....	U. S. Army.
Fort Wm. McKinley, P. I.	WVQ	.....	O.....	.....	U. S. Army.
Fort Winfield Scott, Kans.	WUO	.....	O.....	.....	U. S. Army.
Fort Wint, P. I.....	WVR	.....	O.....	.....	U. S. Army.
Fort Wood, N. Y.....	WUM	.....	O.....	.....	U. S. Army.
Fort Worden, Wash..	WUN	.....	O.....	.....	U. S. Army.
Fort Worth, Tex.....	WFF	2000, 2500, 2900, 3500	PR....	6 a. m. to 6 p. m.	Federal Telegraph Co.
Frankfort, Mich.....	WFK	.....	.....	.....	Marconi Co.
Friday Harbor, Wash..	KPD	300, 600.....	PG....	7 a. m. to 2.30 a. m.	Marconi Co.
Frying Pan Shoals, N. C. (off Cape Fear).	NLC	300, 600.....	PR....	8 a. m. to 10 p. m.	U. S. Navy.
Galveston, Tex.....	WGV	.....	.....	.....	Marconi Co.
Grand Haven, Mich..	WGH	.....	.....	.....	Marconi Co.
Grand Island, La.....	WGW	.....	.....	.....	Marconi Co.
Grand Marais, Minn..	WGM	.....	.....	.....	Marconi Co.
Guam, Mariana (Ladrone) Islands, Pacific Ocean.	NPN	300, 600, 1800.	PG....	N.....	U. S. Navy.

## LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Hours of operation.	Station controlled by—
Guantanamo Bay, Cuba.	NAW	300, 600, 1800.	PG....	N.....	U. S. Navy.
Heeia Point, T. H....	KHX	.....	.....	.....	Federal Telegraph Co.
Honolulu, T. H.....	NPM	600.....	O.....	N.....	U. S. Navy.
Ile Royal, Minn.....	WRO	.....	.....	.....	Marconi Co.
Jacksonville, Fla.....	WJX	300, 600.....	PG....	N.....	Marconi Co.
Jolo, P. I.....	WVS	600.....	PG, O.	.....	U. S. Army.
Jualin, Alaska.....	KJA	.....	.....	.....	Marconi Co.
Juneau, Alaska.....	KDU	.....	.....	.....	Marconi Co..
Jupiter, Fla.....	NAQ	300, 600, 1800.	PG....	N.....	U. S. Navy.
Kahuku, T. H.....	KHK	.....	.....	.....	Mutual Telephone Co. (Ltd.).
Take, Alaska.....	KIT	.....	.....	.....	Marconi Co.
Karluk, Alaska.....	KHA	.....	.....	.....	Marconi Co.
Kaunakakai, T. H....	KHO	.....	.....	.....	Mutual Telephone Co. (Ltd.).
Kawaihae, T. H.....	KHN	.....	.....	.....	Mutual Telephone Co. (Ltd.).
Ketchikan, Alaska...	KPB	.....	.....	.....	Marconi Co.
Key West, Fla.....	NAR	300, 600, 1000, 1800.	PG....	N.....	U. S. Navy.
Kodiak, Alaska.....	NPS	300, 600, 1800.	PG....	N.....	U. S. Navy.
Kogiung, Alaska.....	KHB	.....	.....	.....	Marconi Co.
Koko Head, T. H....	KHJ	.....	.....	.....	Marconi Co.
Kotlik, Alaska.....	WVF	600.....	PG, O.	9 a. m. to 9 p. m. during season of navigation only.	U. S. Army.
Lahaina, T. H.....	KHL	.....	.....	.....	Mutual Telephone Co. (Ltd.).
Lihue, T. H.....	KHM	.....	.....	.....	Mutual Telephone Co. (Ltd.).

LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Hours of operation.	Station controlled by—
Los Angeles, Cal.....	KEX	300, 600.....	P.....	9 a. m. to 5 p. m.	Marconi Co.
Ludington, Mich.....	WLD	300, 600.....	PG.....	7 a. m. to 6 p. m. 7 p. m. to 6 a. m. Apr. 15 to Dec. 15 only.	Marconi Co.
Mackinac Island, Mich.	WHQ	.....	.....	.....	Marconi Co.
Malabang, P. I.....	WVT	600.....	PG, O.....	.....	U. S. Army.
Manila, P. I.....	WVU	.....	O.....	.....	U. S. Army.
Manistique, Mich...	WMX	.....	.....	.....	Marconi Co.
Manitowoc, Wis.....	WMW	300, 600.....	PG.....	8 a. m. to 11.30 a.m. 2.30 p. m. to 6 p. m. 7.30 p. m. to 9 p. m.	Marconi Co.
Març Island, Cal.....	NPH	600, 1000.....	O.....	N.....	U. S. Navy.
Marshfield, Ohio.....	KPX	300, 435, 600..	PG.....	8 a. m. to 6 p. m.	Marconi Co.
Milwaukee, Wis.....	WME	300, 600.....	PG.....	1.30 a. m. to 6 a. m. 7 a. m. to 12.30 p.m. 1.30 p. m. to 6 p. m. 7 p. m. to 12.30 a.m.	Marconi Co.
Mobile, Ala.....	WMB	.....	.....	.....	Marconi Co.
Naknek, Alaska.....	KHT	.....	.....	.....	Marconi Co.
Nantucket Shoals Lightship (off New- port, R. I.).	NLA	300, 600.....	PR.....	8 a. m. to 10 p. m.	U. S. Navy.
New London, Conn..	WLC	.....	.....	.....	T. A. Scott Co. (Inc.).
New Orleans, La.....	WHK	.....	.....	.....	Marconi Co.
New Orleans, La.....	NAT	600, 1000.....	PR.....	8 a. m. to 10 p. m.	U. S. Navy.
Newport, R. I.....	NAF	600, 1000.....	PR, O.	N.....	U. S. Navy.
Newton, Mass.....	WLN	.....	.....	.....	Ralph C. Em- ery.

## LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Hours of operation.	Station controlled by—
New York, N. Y. ....	WNT	300, 600. ....	PG. ....	N. ....	Atlantic Communication Co.
New York, N. Y. ....	WHB	300, 600, 1610.	PG. ....	N. ....	New York Herald Co.
New York, N. Y. ....	WHI	.....	.....	.....	Marconi Co.
New York, N. Y. ....	NAH	600, 1000. ....	O. ....	N. ....	U. S. Navy.
Nome, Alaska. ....	WVG	600, 1400. ....	PG, O.	9 a. m. to 9 p. m.	U. S. Army.
Norfolk, Va. ....	NAM	600, 1000. ....	O. ....	N. ....	U. S. Navy.
North Head, Wash. ...	NPE	300, 600, 1000, 1800.	PG. ....	N. ....	U. S. Navy.
Nulato, Alaska. ....	WVH	.....	PG, O.	.....	U. S. Army.
Nushagak, Alaska. ...	KHF	.....	.....	.....	Marconi Co.
Olongapo, P. I. ....	NPT	600. ....	O. ....	N. ....	U. S. Navy.
Peking, China. ....	NPP	600. ....	O. ....	N. ....	U. S. Navy.
Pensacola, Fla. ....	NAS	300, 600, 1800.	PG. ....	N. ....	U. S. Navy.
Petersburg, Alaska. ...	WVI	600. ....	PG, O.	9 a. m. to 9 p. m.	U. S. Army.
Philadelphia, Pa. ....	WHE	300, 600, 1610.	PG. ....	N. ....	Marconi Co.
Philadelphia, Pa. ....	NAI	600. ....	O. ....	N. ....	U. S. Navy.
Phoenix, Ariz. ....	KHQ	.....	.....	.....	Federal Telegraph Co.
Point Arguello, Cal. ...	NPK	300, 600. ....	PG. ....	N. ....	U. S. Navy.
Port Arthur, Tex. ....	WRU	.....	.....	.....	Marconi Co.
Portland, Me. ....	NAB	300, 600. ....	PR. . .	8 a. m. to 10 p. m.	U. S. Navy.
Porto Bello, Republic of Panama.	NAY	300, 600. ....	O. ....	X. ....	U. S. Navy.
Portsmouth, N. H. . .	NAC	600. ....	O. ....	N. ....	U. S. Navy.
Puerto Princessa, P. I.	WVW	600. ....	PG, O.	.....	U. S. Army.
Sagaponack, N. Y. ...	WSK	.....	.....	.....	Marconi Co.
St. Augustine, Fla. ...	NAP	300, 600. ....	PG. ....	N. ....	U. S. Navy.
St. George, Pribilof Islands, Alaska.	NPY	300. ....	O. ....	X. ....	U. S. Navy.

LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Hours of operation.	Station controlled by—
St. Paul, Pribilof Islands, Alaska.	NPQ	300, 600, 1800.	PG....	N.....	U. S. Navy.
San Diego, Cal.....	NPL	300, 600, 1000, 1800.	PG....	N.....	U. S. Navy.
San Francisco, Cal...	KPH	.....	.....	.....	Marconi Co.
San Juan, P. R.....	NAU	300, 600, 1800.	PG....	N.....	U. S. Navy.
San Jose, P. I.....	WVY	600.....	PG, O.	.....	U. S. Army.
San Luis Obispo, Cal.	KDN	.....	.....	.....	Marconi Co.
San Pedro, Cal.....	KPJ	300, 600.....	PG....	N.....	Marconi Co.
Sault Ste. Marie, Mich	WSI	.....	.....	.....	Marconi Co.
Savannah, Ga.....	WSV	300, 600.....	PG....	N, except M o n d a y s a n d T h u r s d a y s s t a t i o n c l o s e s a t m i d - n i g h t.	Marconi Co.
Sayville, N. Y.....	WSL	300, 600, 1800, 2480, 2800, 2900, 3600, 4800.	PG....	N.....	Atlantic Communication Co.
Sea Gate, N. Y.....	WSE	.....	.....	.....	Marconi Co.
Seattle, Wash.....	KPA	300, 600.....	PG....	N.....	Marconi Co.
Siasconset, Mass.....	WSC	300, 600.....	PG....	N.....	Marconi Co.
Sitka, Alaska.....	NPB	300, 600, 1800.	PG....	N.....	U. S. Navy.
South Wellfleet, Mass.	WCC	300, 600, 2040.	PG....	N.....	Marconi Co.
Tampa, Fla.....	WPD	.....	.....	.....	Marconi Co.
Tatocah, Wash.....	NPD	300, 600, 1000.	PG....	N.....	U. S. Navy.
Unalga, Alaska.....	NPV	300, 600, 1800.	PG....	N.....	U. S. Navy.
Virginia Beach, Va...	WSY	300, 600.....	PG....	N.....	Marconi Co.
Washington, D. C. (Army Signal Corps Laboratory).	WUP	.....	O.....	.....	U. S. Army.
Washington, D. C. (Bureau of Standards).	WUQ	.....	O.....	.....	U. S. Army.

## LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Hours of operation.	Station controlled by—
Washington, D. C., (Navy Yard).	NAL	600.....	O.....	N.....	U. S. Navy.
Wrangell, Alaska....	WVJ	600.....	PG, O	9 a. m. to 9 p. m.	U. S. Army.
Zamboanga, P. I.....	WVW	600.....	PG, O.	.....	U. S. Army.

SPECIAL LAND STATIONS.<sup>1</sup>

Ames, Iowa.....	9YI	.....	.....	.....	Iowa State College of Agriculture & Mechanic Arts.
Amesbury, Mass.....	1XA	600.....	P.....	X.....	Wireless Specialty Apparatus Co.
Ann Arbor, Mich.....	8XA	.....	.....	.....	University of Michigan.
Atlanta, Ga.....	3ZH	300.....	.....	.....	Georgia School of Technology.
Beloit, Wis.....	9XB	Variable.....	P.....	X.....	Beloit College.
Berkeley, Cal.....	6XR	.....	.....	.....	Frank Rieber.
Boston, Mass.....	1XB	Variable.....	P.....	X.....	Wireless Specialty Apparatus Co.
Boston, Mass.....	1XH	.....	.....	.....	Holtzer-Cabot Electric Co.
Cambridge, Mass.....	1YH	Variable.....	P.....	X.....	Harvard University.
Cambridge, Mass.....	1XP	300, 550, 600..	P.....	X.....	George W. Pierce.
Chelsea, Mass.....	1XC	.....	.....	.....	Wm. J. Murdock Co.
Detroit, Mich.....	8YD	300, 400, 600..	P.....	9 a. m. to 3 p. m.; 7 p. m. to 9 p. m.	Wm. J. Meisenheimer.
Grand Forks, N. Dak.	9YN	500, variable to 730.	P.....	X.....	University of North Dakota.
Hyattsville, Md.....	3XR	.....	.....	.....	J. Harris Rogers.
Los Angeles, Cal.....	6YL	.....	.....	.....	High School.

<sup>1</sup> See introduction, page 8.

## LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Hours of operation.	Station controlled by—
New York, N. Y.....	2YN	.....	.....	.....	Alfred Norton Goldsmith (College of the City of New York).
Nutley, N. J. ....	2ZH	.....	.....	.....	Arthur A. Herbert.
Philadelphia, Pa.....	3XC	480.....	P.....	X.....	Frank B. Chambers.
Philadelphia, Pa.....	3XJ	500.....	P.....	X.....	St. Joseph's College.
St. Davids, Pa.....	3ZS	450.....	P.....	X.....	Chas. H. Stewart.
St. Louis, Mo.....	9YC	.....	.....	.....	Christian Brothers College.
Washington, D. C....	3ZH	.....	.....	.....	H. B. DeGroot.



## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS.

[This list includes all stations on merchant vessels, yachts, vessels of the Army, the Navy, and the Revenue-Cutter Service.]

Name.	Call signal.	Wave lengths.	Nature of service.	Owner of vessel (line).	Station controlled by—
A. G. Lindsey.....	WNO			Pacific-American Fisheries.....	
Abarenda.....	NOB	600.....	PR, O.....	Government.....	U. S. Navy.
Acapulco.....	WVO			Pacific Mail S. S. Co.....	Marconi Co. <sup>1</sup>
Acushnet.....	NRU	300.....	PG, O.....	Government.....	U. S. Revenue-Cutter Service.
Adams.....	KPN	300, 600.....	PG.....	Pennsylvania Nautical School.....	Marconi Co.
Adeline Smith.....	WHS			Inter-Ocean Transportation Co.....	
Admiral Dewey.....	KUV	300, 600.....	PG.....	American Mail S. S. Co.....	Marconi Co.
Admiral Farragut.....	WAF			Alaska-Pacific S. S. Co.....	
Admiral Sampson.....	WAS			do.....	
Admiral Schley.....	KUX			American Mail S. S. Co.....	Marconi Co.
Advance.....	KMV	300, 600.....	PG.....	Panama R. R. Co.....	Marconi Co.
Adventurers.....	KYV			John Borden.....	
Ajax.....	NBH	600.....	PR, O.....	Government.....	U. S. Navy.
Alabama.....	WFB	300, 600.....	PG.....	Goodrich Transit Co.....	Marconi Co.
Alabama.....	KSX			Baltimore Steam Packet Co.....	
Alabama.....	NBI	600.....	PR, O.....	Government.....	U. S. Navy.

Alameda.....	WAA			Alaska S. S. Co.....	
Alamo.....	KEJ	300, 600.....	PG.....	Mallory S. S. Co.....	Marconi Co.
Albany.....	NBJ	600.....	PR, O.....	Government.....	U. S. Navy.
Alert.....	NBL	600.....	PR, O.....	do.....	U. S. Navy.
Algonquin.....	KVG	300, 600.....	PG.....	Clyde S. S. Co.....	Marconi Co.
Algonquin.....	NRA	300, 600.....	PG, O.....	Government.....	U. S. Revenue-Cutter Service.
Al-ki.....	WNK			H. C. Strong.....	
Alleghany.....	KQA	300, 600.....	PG.....	Merchants & Miners Transportation Co..	Marconi Co.
Allianca.....	KMA	300, 600.....	PG.....	Panama R. R. Co.....	Marconi Co.
Alliance.....	WRV			North Pacific S. S. Co.....	
Aloha.....	KYH			Arthur Curtiss James.....	
Alvina.....	WEY			Thomas F. Cole.....	
America.....	KNZ			Brooklyn & Manhattan Ferry Co.....	
Ammen.....	NBP	600.....	PR, O.....	Government.....	U. S. Navy.
Ancon.....	KMS	300, 600.....	PG.....	Panama R. R. Co.....	Marconi Co.
Androscoggin.....	NRD	300, 600.....	PG, O.....	Government.....	U. S. Revenue-Cutter Service.
Annapolis.....	NBR	600.....	PR, O.....	do.....	U. S. Navy.
Ann Arbor No. 3.....	WDN	300, 600.....	PG.....	Ann Arbor R. R. Co.....	Marconi Co.

<sup>1</sup> Marconi Wireless Telegraph Co. of America.

## SHIP RADIO STATIONS, ALPHABETICALLY BY

Name.	Call signal.	Wave lengths.	Nature of service.
Ann Arbor No. 4.....	WDO	300, 600.....	PG.....
Ann Arbor No. 5.....	WDP	300, 600.....	PG.....
Antilles.....	KKA	300, 600.....	PG.....
Apache.....	KVA	300, 600.....	PG.....
Apache.....	NRP	300, 600.....	PG, O.....
Arapahoe.....	KVB	300, 600.....	PG.....
Argyll.....	WTB	.....	.....
Arizona.....	WFG	300, 600.....	PG.....
Arkansas.....	NBV	600.....	PR, O.....
Aroline.....	WRJ	.....	.....
Ashtabula.....	WEZ	300, 600.....	PG.....
Astral.....	KTO	.....	.....
Asuncion.....	WTX	.....	.....
Atalanta.....	KYA	.....	.....
Atlas.....	WTT	.....	.....
Aztec.....	WWQ	.....	.....

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NAMES OF VESSELS—Continued.

Owner of vessel (line).	Station controlled by—
Ann Arbor R. R. Co.....	Marconi Co.
.....do.....	Marconi Co.
Southern Pacific Co.....	Marconi Co.
Clyde S. S. Co.....	Marconi Co.
Government.....	U. S. Revenue-Cutter Service.
Clyde S. S. Co.....	Marconi Co.
Union S. S. Co. (Union Oil Co.).....	
Goodrich Transit Co.....	Marconi Co.
Government.....	U. S. Navy.
Aroline S. S. Co.....	Marconi Co.
Pennsylvania & Ontario Navigation Co.	Marconi Co.
Standard Oil Co.....	
.....do.....	
George J. Gould.....	
Standard Oil Co.....	
Pacific Mail S. S. Co.....	

Bailey . . . . .	NCF	600 . . . . .	PR, O . . . . .
Baltimore . . . . .	NCH	600 . . . . .	PR, O . . . . .
Bayamon . . . . .	KDX	. . . . .	. . . . .
Bay State . . . . .	KRE	. . . . .	. . . . .
Beale . . . . .	NCL	600 . . . . .	PR, O . . . . .
Bear . . . . .	NRB	300, 600 . . . . .	PG, O . . . . .
Bear . . . . .	WWD	. . . . .	. . . . .
Beaver . . . . .	WWB	. . . . .	. . . . .
Belfast . . . . .	KRD	300, 600 . . . . .	PG . . . . .
Berkshire . . . . .	KQB	300, 600 . . . . .	PG . . . . .
Berlin . . . . .	WRB	. . . . .	. . . . .
Bertha . . . . .	WBR	. . . . .	. . . . .
Birmingham . . . . .	NCM	600 . . . . .	PR, O . . . . .
Borinquen . . . . .	KDW	300, 600 . . . . .	PG . . . . .
Boston . . . . .	KXA	. . . . .	. . . . .
Brazos . . . . .	KEZ	300, 600 . . . . .	PG . . . . .
Breakwater . . . . .	WBK	. . . . .	. . . . .
Brilliant . . . . .	KTI	. . . . .	. . . . .
Brunswick . . . . .	KOS	300, 600 . . . . .	PG . . . . .

Government.....	U. S. Navy.
do.....	U. S. Navy.
Ocean Freight Line.....	
Eastern S. S. Corporation.....	
Government.....	U. S. Navy.
do.....	U. S. Revenue-Cutter Service.
San Francisco & Portland S. S. Co.....	Marconi Co.
do.....	Marconi Co.
Eastern S. S. Corporation.....	Marconi Co.
Merchants & Miners Transportation Co.....	Marconi Co.
Alaska-Portland Packers' Association...	
Alaska Coast Co.....	
Government.....	U. S. Navy.
Ocean Freight Line.....	Marconi Co.
New England S. S. Co.....	National Electric Signal- ing Co.
Mallory S. S. Co.....	Marconi Co.
Southern Pacific Co.....	
Standard Oil Co.....	
Gulf & Southern S. S. Co.....	Marconi Co.

SHIP RADIO STATIONS

SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Name.	Call signal.	Wave length.	Nature of service.	Owner of vessel (line).	Station controlled by—
Brutus.....	NNA	600.....	PR, O.....	Government.....	U. S. Navy.
Buckman.....	WAB			Alaska-Pacific S. S. Co.....	Marconi Co.
Buffalo.....	NBU	600.....	PR, O.....	Government.....	U. S. Navy.
Buford.....	WXA	600.....	O.....	do.....	U. S. Army.
Bunker Hill.....	KJB			Eastern S. S. Corporation.....	
Burnside.....	WXR	600.....	O.....	Government.....	U. S. Army.
Burrows.....	NCV	600.....	PR, O.....	do.....	U. S. Navy.
Cabrillo.....	WBV			Wilmington Transportation Co.....	
Caesar.....	NCY	600.....	PR, O.....	Government.....	U. S. Navy.
California.....	NCZ	600.....	PR, O.....	do.....	U. S. Navy.
Calvin Austin.....	KRN			Eastern S. S. Corporation.....	
Camden.....	KRC	300, 600.....	PG.....	do.....	Marconi Co.
Camino.....	WQC			Western Steam Navigation Co.....	Marconi Co.
Cape Cod.....	KPW			George R. West.....	
Captain A. F. Lucas.....	WTV			Standard Oil Co.....	Marconi Co.
Captain Barrett.....	WYP	300.....	O.....	Government.....	U. S. Army.
Captain Chas. W. Rowell.....	WYI	300.....	O.....	do.....	U. S. Army.

Caracas.....	KDB	300, 600.....	PG.....
Carlos.....	WNC		
Carolina.....	WFE		
Carolina.....	KGB		
Carolyn.....	KNF		
Cassandra.....	KYE		
Castine.....	NDA	600.....	PR, O....
Catania.....	WTI		
Celtic.....	NDB	600.....	PR, O....
Centralia.....	WSN		
Chalmette.....	KKC	300, 600.....	PG.....
Charleston.....	NFE	600.....	PR, O....
Chattanooga.....	NGI	600.....	PR, O....
Chehalis.....	WSH		
Cherokee.....	KVK	300, 600.....	PG.....
Chester.....	NDG	600.....	PR, O....
Chester W. Chapin.....	KXQ		
Cheyenne.....	NDH	600.....	PR, O....
Chicago.....	WAC		



Atlantic & Carribean Steam Navigation Co. (Red D Line).	Marconi Co.
Olson & Mahony.....	Marconi Co.
Goodrich Transit Co.....	
New York & Porto Rico S. S. Co.....	
A. H. Bull S. S. Co.....	
George J. Whalen.....	
Government.....	U. S. Navy.
Coast Oil Transportation Co.....	
Government.....	U. S. Navy.
Centralia Co. (Pollard S. S. Co.).....	Marconi Co
Southern Pacific Co.....	Marconi Co.
Government.....	U. S. Navy.
.....do.....	U. S. Navy.
Sudden & Christenson.....	Marconi Co.
Clyde S. S. Co.....	Marconi Co.
Government.....	U. S. Navy.
New England S. S. Co.....	National Electric Signal- ing Co.
Government.....	U. S. Navy.
Booth Fisheries Co.....	

## SHIP RADIO STATIONS, ALPHABETICALLY B

Name.	Call signal.	Wave lengths.	Nature of service.
Chicago.....	WFI		
Chicago.....	NDI	600.....	PR, O.....
China.....	WWA		
Chippewa.....	WBH		
Christopher Columbus.....	WFJ		
Cincinnati.....	NDL	600.....	PR, O.....
City of Alpena II.....	WEH		
City of Atlanta.....	KFB	300, 600.....	PG.....
City of Augusta.....	KFJ		
City of Baltimore.....	KRY		
City of Bangor.....	KRH		
City of Benton Harbor.....	WDV		
City of Buffalo.....	WFQ	300, 600.....	PG.....
City of Chicago.....	WDT		
City of Cleveland III.....	WEA		
City of Columbus.....	KFA	300, 600.....	PG.....

Owner of vessel (line).	Station controlled by—
Goodrich Transit Co.....	U. S. Navy.
Government.....	U. S. Navy.
Pacific Mail S. S. Co.....	U. S. Navy.
Tacoma-Seattle-Everett Route.....	U. S. Navy.
Goodrich Transit Co.....	U. S. Navy.
Government.....	U. S. Navy.
Detroit & Cleveland Navigation Co.....	U. S. Navy.
Ocean S. S. Co. (Savannah Line).....	Marconi Co.
.....do.....	Marconi Co.
Mercantile Trust & Deposit Co. (Chesapeake S. S. Co.).	U. S. Navy.
Eastern S. S. Corporation.....	U. S. Navy.
Graham & Morton Transportation Co....	U. S. Navy.
Cleveland & Buffalo Transportation Co..	Marconi Co.
Graham & Morton Transportation Co....	U. S. Navy.
Detroit & Cleveland Navigation Co.....	Marconi Co.
Ocean S. S. Co. (Savannah Line).....	Marconi Co.

City of Detroit II.....	WEC	300, 420, 600.....	PG.....
City of Detroit III.....	WEF	300, 600.....	PG.....
City of Erie.....	WFP	300, 600.....	PG.....
City of Everett.....	KTQ	.....	.....
City of Grand Rapids.....	WDS	.....	.....
City of Lowell.....	KXB	.....	.....
City of Mackinac II.....	WEB	300, 600.....	.....
City of Macon.....	KFC	.....	.....
City of Memphis.....	KFD	.....	.....
City of Montgomery.....	KFY	300, 600.....	PG.....
City of Norfolk.....	KRZ	.....	.....
City of Panama.....	WWP	.....	.....
City of Para.....	WWF	.....	.....
City of Puebla.....	WGQ	300, 600.....	PG.....
City of Rockland.....	KRI	.....	.....
City of St. Ignace.....	WEG	.....	.....
City of St. Louis.....	KFX	300, 600.....	PG.....
City of Savannah.....	KFK	300, 600.....	PG.....
City of Seattle.....	WGA	.....	.....

Detroit & Cleveland Navigation Co.....	Marconi Co.
.....do.....	Marconi Co.
Cleveland & Buffalo Transportation Co.	Marconi Co.
Standard Oil Co.....	
Graham & Morton Transportation Co....	
New England S. S. Co.....	National Electric Signal- ing Co.
• Detroit & Cleveland Navigation Co.....	Marconi Co.
Ocean S. S. Co. (Savannah Line) .....	
.....do.....	Marconi Co.
.....do.....	Marconi Co.
Mercantile Trust & Deposit Co. (Chesa- peake S. S. Co.).	
Pacific Mail S. S. Co.....	
.....do.....	
Pacific Coast Co.....	Marconi Co.
Eastern S. S. Corporation.....	
Detroit & Cleveland Navigation Co.....	Marconi Co.
Ocean S. S. Co. (Savannah Line) .....	Marconi Co.
.....do.....	Marconi Co.
Pacific Coast Co.....	

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Owner of vessel (line).	Station controlled by—
City of South Haven.....	WDI	.....	.....	Chicago & South Haven S. S. Co.....	
City of Sydney.....	WWG	.....	.....	Pacific Mail S. S. Co.....	
City of Taunton.....	KXL	.....	.....	New England S. S. Co.....	National Electric Signal- ing Co.
City of Topeka.....	WGY	.....	.....	Pacific Coast Co.....	Marconi Co.
Cleveland.....	NDM	600.....	PR, O.....	Government.....	U. S. Navy.
Coamo.....	KGA	300, 600.....	PG.....	New York & Porto Rico S. S. Co.....	Marconi Co.
Col. E. L. Drake.....	WTS	.....	.....	Standard Oil Co.....	
Col. James M. Schoonmaker....	WEQ	.....	.....	Shenango S. S. Co.....	Marconi Co.
Colon.....	KMX	300, 600.....	PG.....	Panama R. R. Co.....	Marconi Co.
Colorado.....	NDN	600.....	PR, O.....	Government.....	U. S. Navy.
Columbia.....	KRO	.....	.....	Chesapeake S. S. Co.....	
Columbia.....	KYM	300, 550.....	P.....	J. Harvey Ladew.....	Owner.
Columbia.....	WPW	.....	.....	Port of Portland.....	
Columbia.....	WHC	.....	.....	Wilson Bros. & Co.....	Marconi Co.
Comal.....	KEM	300, 600.....	PG.....	Mallory S. S. Co.....	Marconi Co.
Comanche.....	KVC	300, 600.....	PG.....	Clyde S. S. Co.....	Marconi Co

Commonwealth.....	KKC		
Comet.....	KTJ		
Comus.....	KKD	300, 600.....	PG.....
Concho.....	KEC	300, 600.....	PG.....
Concord.....	KNC		
Congress.....	WGT		
Connecticut.....	KXO		
Connecticut.....	NDQ	600.....	PR, O.....
Cordova.....	WAR		
Coronado.....	WSO		
Corsair.....	KYC		
Corwin.....	WNN		
Oreole.....	KKR	300, 600.....	PG.....
Cretan.....	KQC	300, 600.....	PG.....
Cristobal.....	KMD	300, 600.....	PG.....
Crook.....	WXB	600.....	O.....
Cuba.....	KUC	300, 600.....	PG.....
Culgoa.....	NDU	600.....	PR, O.....
Curacao.....	WGK		

New England S. S. Co.....	National Electric Signal- ing Co.
Standard Oil Co.....	Marconi Co.
Southern Pacific Co.....	Marconi Co.
Mallory S. S. Co.....	Marconi Co.
Colonial Navigation Co.....	National Electric Signal- ing Co.
Pacific Coast S. S. Co.....	Marconi Co.
New England S. S. Co.....	
Government.....	U. S. Navy.
Alaska S. S. Co.....	
Coronado Co.....	
J. Pierpont Morgan estate.....	
Kotzebue Transportation & Trading Co..	
Southern Pacific Co.....	Marconi Co.
Merchants & Miners Transportation Co...	Marconi Co.
Panama R. R. Co.....	Marconi Co.
Government.....	U. S. Army.
Staples Transportation Co.....	Marconi Co.
Government.....	U. S. Navy.
Pacific Coast Co.....	



SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Owner of vessel (line).	Station controlled by—
Currier.....	KNU			Cuba Distilling Co.....	Marconi Co.
Cyclops.....	NDY	600.....	PR, O.....	Government.....	U. S. Navy.
Cyprus.....	KYD			Daniel C. Jackling.....	
Cyrus W. Field.....	WXS	600.....	O.....	Government.....	U. S. Army.
Dakotan.....	WKD	300, 600.....	PG.....	American-Hawaiian S. S. Co.....	Marconi Co.
Delaware.....	NEK	600.....	PR, O.....	Government.....	U. S. Navy.
Delaware Sun.....	KTW			Sun Co.....	
Delhi.....	WGD			Pacific Coast Co.....	
Denver.....	KED	300, 600.....	PG.....	Mallory S. S. Co.....	Marconi Co.
Denver.....	NEM	600.....	PR, O.....	Government.....	U. S. Navy.
Des Moines.....	NEN	600.....	PR, O.....	.....do.....	U. S. Navy.
Diamond Head.....	WNL			Tyee Co.....	
Dirigo.....	WAO			Alaska S. S. Co.....	
Dix.....	WXC	600.....	O.....	Government.....	U. S. Army.
Dixie.....	NEP	600.....	PR, O.....	.....do.....	U. S. Navy.
Dolphin.....	WAU			Alaska S. S. Co.....	
Dolphin.....	NEQ	600.....	PR, O.....	Government.....	U. S. Navy.

Dora.....	WAH		
Dorchester.....	KQD	300, 600.....	PG.....
Dorothy Bradford.....	KNA		
Drayton.....	NET	600.....	PR, O.....
E. G. Crosby.....	WEL		
E-1.....	NXS	600.....	PR, O.....
E-2.....	NXT	600.....	PR, O.....
Eagle.....	NFC	600.....	PR, O.....
Eastern States.....	WEE	300, 600.....	PG.....
Eastland.....	WFN		
Edgar H. Vance.....	WQE		
Edith.....	WAE		
El Alba.....	KKL	300, 600.....	PG.....
Elcano.....	NFD	600.....	PR, O.....
El Cid.....	KKT	300, 600.....	PG.....
El Dia.....	KKY	300, 600.....	PG.....
Elmer A. Keeler.....	KVU		
El Mundo.....	KKU	300, 600.....	PG.....
El Norte.....	KKM		
El Occidente.....	KKX	300, 600.....	PG.....

SHIP RADIO STATIONS.

Alaska S. S. Co. ....	Marconi Co.
Merchants & Miners Transportation Co. ....	Marconi Co.
Cape Cod S. S. Co., trustees. ....	Marconi Co.
Government. ....	U. S. Navy.
Crosby Transportation Co. ....	
Government. ....	U. S. Navy.
do. ....	U. S. Navy.
do. ....	U. S. Navy.
Detroit & Buffalo S. S. Co. ....	Marconi Co.
Eastland Navigation Co. ....	Marconi Co.
Nehalem S. S. Co. ....	
Alaska S. S. Co. ....	
Southern Pacific Co. ....	Marconi Co.
Government. ....	U. S. Navy.
Southern Pacific Co. ....	Marconi Co.
do. ....	Marconi Co.
Elmer A. Keeler. ....	
Southern Pacific Co. ....	Marconi Co.
do. ....	
do. ....	Marconi Co.

SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Owner of vessel (line).	Station controlled by—
El Oriente.....	KKV	300, 600.....	PG.....	Southern Pacific Co.....	Marconi Co.
El Rio.....	KKZ	300, 600.....	PG.....	do.....	Marconi Co.
Elsegundo.....	KTK	.....	.....	Standard Oil Co.....	.....
El Siglo.....	KKS	300, 600.....	PG.....	Southern Pacific Co.....	Marconi Co.
El Sol.....	KKB	300, 600.....	PG.....	do.....	Marconi Co.
El Sud.....	KKQ	300, 600.....	PG.....	do.....	Marconi Co.
El Valle.....	KKW	300, 600.....	PG.....	do.....	Marconi Co.
Emeline.....	KYU	.....	.....	Charles Sweeny.....	.....
Enterprise.....	WMN	.....	.....	Matson Navigation Co.....	Marconi Co.
Eocene.....	KTM	.....	.....	Standard Oil Co.....	.....
Erskine M. Phelps.....	WTA	.....	.....	William D. Sewall (Union Oil Co).....	.....
Esperanza.....	KWZ	300, 600.....	PG.....	New York & Cuba Mail S. S. Co. (Ward Line).	Marconi Co.
Essex.....	KQE	300, 600.....	PG.....	Merchants & Miners Transportation Co..	Marconi Co.
Evelyn.....	KNE	.....	.....	A. H. Bull S. S. Co.....	.....
Excelsior.....	KKO	300, 600.....	PG.....	Southern Pacific Co.....	Marconi Co.
Explorer.....	NLI	300, 600.....	O.....	Government.....	U. S. Department of Commerce.

F. A. Kilburn.....	WRW		
Falcon.....	WRK		
Fanning.....	NFM	600.....	PR, O.....
Fifield.....	WRF		
Finland.....	KSF		
Florence.....	KYF		
Florida.....	KSY		
Florida.....	NFR	600.....	PR, O.....
Flusser.....	NFS	600.....	PR, O.....
Forward.....	KPF		
Francis H. Leggett.....	WSB		
Frederick.....	KQF	300, 600.....	PG.....
Frieda.....	KFF	300, 600.....	PG.....
Galveston.....	NGD	600.....	PR, O.....
General A. M. Randol.....	WYJ	300.....	O.....
General Harvey Brown.....	WYK	300.....	O.....
General Hubbard.....	WMT		
General R. B. Ayres.....	WYL	300.....	O.....
General Robert Anderson.....	WYH	300.....	O.....

North Pacific S. S. Co. ....	Marconi Co.
Charles Nelson Co. ....	Marconi Co.
Government. ....	U. S. Navy.
Fifield S. S. Co. ....	Marconi Co.
International Mercantile Marine Co. (Red Star Line).	
Alphonse H. Alker. ....	
Baltimore Steam Packet Co. ....	
Government. ....	U. S. Navy.
do. ....	U. S. Navy.
Yankee Salvage Association. ....	
Hicks-Hauptman Transportation Co. ....	
Merchants & Miners Transportation Co. ....	Marconi Co.
Union Sulphur Co. ....	Marconi Co.
Government. ....	U. S. Navy.
do. ....	U. S. Army.
do. ....	U. S. Army.
Hubbard S. S. Co. ....	
Government. ....	U. S. Army.
do. ....	U. S. Army.

SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Owner of vessel (line).	Station controlled by—
George W. Elder.....	WRT			North Pacific S. S. Co.....	
George W. Fenwick.....	WNG			Fenwick S. S. Co. (California & Atlantic S. S. Co.).	
Georgia.....	WFA			Goodrich Transit Co.....	
Georgia.....	NGF	600.....	PR, O.....	Government.....	U. S. Navy.
Georgian.....	WKG			American-Hawaiian S. S. Co.....	Marconi Co.
Glacier.....	NGH	600.....	PR, O.....	Government.....	U. S. Navy.
Glory of the Seas.....	WBZ			Alaska Fish Co.....	
Gloucester.....	KQG	300, 600.....	PG.....	Merchants & Miners Transportation Co..	Marconi Co.
Goldsborough.....	NGJ	600.....	PR, O.....	Government.....	U. S. Navy.
Goliath.....	WPG			Puget Sound Tug Boat Co.....	
Governor.....	WGR			Pacific Coast Co.....	Marconi Co.
Governor Cobb.....	KRB	300, 600.....	PG.....	Eastern S. S. Corporation.....	Marconi Co.
Governor Dingley.....	KRV			.....do.....	
Grace Dollar.....	WSF			Grace Dollar S. S. Co.....	Marconi Co.
Grayson.....	KDV			Ocean Freight Line.....	
Grecian.....	KQR	300, 600.....	PG.....	Merchants & Miners Transportation Co..	Marconi Co.

Greenwood.....	WQG		
Gresham.....	NRG	300, 600, 750....	PG, O.....
Guardian.....	WGZ		
Gulfoil.....	KTG		
Hamilton.....	KOA	300, 600.....	PG.....
Hanalei.....	WHN		
Hannibal.....	NGU	600.....	PR, O.....
Harry Luckenbach.....	KDT		
Harvard.....	WRH		
Havana.....	KWH	300, 600.....	PG.....
Hector.....	NGX	600.....	PR, O.....
Helena.....	NGY	600.....	PR, O.....
Henley.....	NHA	600.....	PR, O.....
Henry T. Scott.....	WRA		
Herman Frasch.....	KFH		
Hermosa.....	WBP		
Hilonian.....	WMM		
Holland.....	WDW		



Greenwood S. S. Co.....	
Government.....	U. S. Revenue-Cutter Service.
Central & South American Telegraph Co.	
Gulf Refining Co. ....	
Old Dominion S. S. Co.....	Marconi Co.
Independent S. S. Co.....	Marconi Co.
Government. ....	U. S. Navy.
Edgar F. Luckenbach (Insular Line)....	
Metropolitan S. S. Co. (Pacific Steam Navigation Co.).	Marconi Co.
New York & Cuba Mail S. S. Co. (Ward Line).	Marconi Co.
Government. ....	U. S. Navy.
.....do.....	U. S. Navy.
.....do.....	U. S. Navy.
California S. S. Co.....	
Union Sulphur Co.....	Marconi Co.
Wilmington Transportation Co. ....	
Matson Navigation Co.....	
Graham & Morton Transportation Co....	

SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Owner of vessel (line).	Station controlled by—
Honolulu.....	WKH			American-Hawaiian S. S. Co.....	
Hopkins.....	NHC	600.....	PR, O.....	Government.....	U. S. Navy.
Howard.....	KQH	300, 600.....	PG.....	Merchants & Miners Transportation Co..	Marconi Co.
Hull.....	NHE	600.....	PR, O.....	Government.....	U. S. Navy.
Humboldt.....	WHX			Humboldt S. S. Co.....	
Huron.....	KVH	300, 600.....	PG.....	Clyde S. S. Co.....	Marconi Co.
Hyades.....	WMK			Matson Navigation Co.....	
I. D. Fletcher.....	KFI			Coast Transit Co.....	
I. J. Merritt.....	KRQ			Merritt & Chapman Derrick & Wrecking Co.	
Idaho.....	NHN	600.....	PR, O.....	Government.....	U. S. Navy.
Illinois.....	WCZ			Northern Michigan Transportation Co..	Marconi Co.
Illinois.....	KTH			Texas S. S. Co.....	
Illinois.....	NHO	600.....	PR, O.....	Government.....	U. S. Navy.
Indian.....	KQI	300, 600.....	PG.....	Merchants & Miners Transportation Co..	Marconi Co.
Indiana.....	WFC	300, 600.....	PG.....	Goodrich Transit Co.....	Marconi Co.
Indiana.....	NHQ	600.....	PR, O.....	Government.....	U. S. Navy.

Iowa.....	WFD	300, 600.....	PG.....
Iowa.....	NHT	600.....	PR, O.....
Iris.....	NHU	600.....	PR, O.....
Iroquois.....	KVF	.....	.....
Iroquois.....	WBG	.....	.....
Iroquois.....	NHV	600.....	PR, O.....
Itasca.....	KQU	300, 600.....	PG.....
Itasca.....	NRI	300, 600.....	PG, O.....
J. A. Chanslor.....	WTK	.....	.....
J. B. Stetson.....	WRC	.....	.....
J. M. Guffey.....	KTF	.....	.....
James Fornance.....	WYM	300.....	O.....
Jamestown.....	KOC	300, 600	PG.....
Jarvis.....	NIB	600.....	PR, O.....
Jefferson.....	KOD	300, 600.....	PG.....
Jefferson.....	WAJ	300, 600.....	PG.....
Jenkins.....	NID	600.....	PR, O.....
John A. Hooper.....	WSJ	.....	.....
Joseph Henry.....	WXT	600.....	O.....
Joseph Pulitzer.....	WPZ	.....	.....

Goodrich Transit Co. ....	Marconi Co.
Government. ....	U. S. Navy.
do. ....	U. S. Navy.
Clyde S. S. Co. ....	
International S. S. Co. ....	
Government. ....	U. S. Navy.
Merchants & Miners Transportation Co. .	Marconi Co.
Government. ....	U. S. Revenue-Cutter Service.
Associated Oil Co. ....	
E. S. Hicks. ....	Marconi Co.
Gulf Refining Co. ....	
Government. ....	U. S. Army.
Old Dominion S. S. Co. ....	Marconi Co.
Government. ....	U. S. Navy.
Old Dominion S. S. Co. ....	Marconi Co.
Alaska S. S. Co. ....	Marconi Co.
Government. ....	U. S. Navy.
Sudden & Christenson (Inc). ....	Marconi Co.
Government. ....	U. S. Army.
Port of Portland. ....	

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Owner of vessel (line).	Station controlled by—
Jouett .....	NIE	600.....	PR, O.....	Government.....	U. S. Navy.
Juniata.....	KQJ	300, 600.....	PG.....	Merchants & Miners Transportation Co..	Marconi Co.
Juniata .....	WCB	300, 600.....	PG.....	Erie & Western Transportation Co. (Anchor Line).	Marconi Co.
Kansan.....	WKK			American-Hawaiian S. S. Co.....	
Kansas.....	NIO	600.....	PR, O.....	Government.....	U. S. Navy.
Kansas City.....	WWS			San Francisco & Portland S. S. Co.....	
Karina.....	KYR			Robert E. Tod.....	
Kearsarge.....	NIP	600.....	PR, O.....	Government.....	U. S. Navy.
Kentucky.....	NIQ	600.....	PR, O.....	do.....	U. S. Navy.
Kershaw.....	KQK	300, 600.....	PG.....	Merchants & Miners Transportation Co..	Marconi Co.
Kilpatrick.....	WXD	600.....	O.....	Government.....	U. S. Army.
Kingfisher.....	WPK			New England Fish Co.....	
Kismet.....	KYK			Raymond Hoagland.....	
Klamath.....	WSX			Klamath S. S. Co.....	Marconi Co.
Korea.....	WWK			Pacific Mail S. S. Co.....	Marconi Co.
Kroonland.....	KSH			International Mercantile Marine Co. (Red Star Line).	

Kukui.....	NLF	300, 600.....	O.....
Kvichak.....	WNS		
Lakeland.....	WDL		
Lampasas.....	KEP	300, 600.....	PG.....
Lamson.....	NIW	600.....	PR, O.....
Lansing.....	WTC		
Larimer.....	KTA		
Latouche.....	WAI		
Lawrence.....	NIY	600.....	PR, O
Lebanon.....	NIZ	600.....	PR, O.....
Leelanaw.....	WNI		
Lenape.....	KVL	300, 600.....	PG.....
Lewis Luckenbach.....	WNH		
Lexington.....	KNB	300, 450, 500, 550, 600.	PG.....
Lexington.....	KQL		
Ligonier.....	KTD		
Liscum.....	WXE	600.....	O.....
Logan.....	WXF	600.....	O.....

Government.....	U. S. Department of Commerce.
Alaska Packers' Association.....	
Port Huron & Duluth S. S. Co.....	Marconi Co.
Mallory S. S. Co.....	Marconi Co.
Government.....	U. S. Navy.
Union S. S. Co. (Union Oil Co.).....	Marconi Co.
Gulf Refining Co.....	
Alaska S. S. Co.....	
Government.....	U. S. Navy.
do.....	U. S. Navy.
Leelanaw S. S. Co. (California & Atlantic S. S. Co.).	
Clyde S. S. Co.....	Marconi Co.
Edgar F. Luckenbach (California & Atlantic S. S. Co.).	
Colonial Navigation Co.....	National Electric Signaling Co.
Merchants & Miners Transportation Co.	Marconi Co.
Gulf Refining Co.....	
Government.....	U. S. Army.
do.....	U. S. Army.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Owner of vessel (line).	Station controlled by—
Louise.....	KRL			Tolchester Beach Improvement Co. ....	
Louisiana.....	NJB	600.....	PR, O.....	Government.....	U. S. Navy.
Lucy Neff.....	KNQ			C. L. Dimon.....	
Lurline.....	WML			Matson Navigation Co.....	Marconi Co.
Lydonia.....	WDY			W. A. Lydon.....	
Lyra.....	WNF			Edgar F. Luckenbach (Luckenbach S. S. Co.).	Marconi Co.
Lysistrata.....	KYL			James Gordon Bennett.....	
Macdonough.....	NJH	600.....	PR, O.....	.....do.....	U. S. Navy.
Mackinaw.....	WHW			Robert Dollar Co.....	
Madison.....	KOG	360, 600.....	PG.....	Old Dominion S. S. Co.....	Marconi Co.
Maine.....	KXD			New England S. S. Co.....	National Electric Signal- ing Co.
Maine.....	NJL	600.....	PR, O.....	Government.....	U. S. Navy.
Major Thomas.....	WYO	300.....	O.....	.....do.....	U. S. Army.
Manchuria.....	WWE			Pacific Mail S. S. Co.....	
Manitou.....	WFW			Northern Michigan Transportation Co.....	Marconi Co.
Manning.....	NRN	300, 600.....	PG, O.....	Government.....	U. S. Revenue-Cutter Service.



Maracaibo.....	KDM	300, 600.....	PG.....
Marietta.....	NJQ	600.....	PR, O.....
Mariposa.....	WHP		
Marquette & Bessemer No. 1... .	WEW		
Marquette & Bessemer No. 2... .	WEX		
Mars.....	NJR	600.....	PR, O.....
Mary Dodge.....	WMD		
Maryland.....	NJS	600.....	PR, O.....
Mascotte.....	KOW		
Massachusetts.....	KJM		
Massachusetts.....	NJT	600.....	PR, O.....
Maverick.....	WTW		
Mayflower.....	NJV	600.....	PR, O.....
Mayrant.....	NJU	600.....	PR, O.....
McCall.....	NJW	600.....	PR, O.....
McClellan.....	WXH	600.....	O.....
McCulloch.....	NRH	300, 600.....	PG, O.....
Meade.....	WXG	600.....	O.....

Atlantic & Caribbean Steam Navigation Co. (Red D Line).	Marconi Co.
Government.....	U. S. Navy.
Alaska S. S. Co.....	
Marquette & Bessemer Dock & Navigation Co.	Marconi Co.
.....do.....	Marconi Co.
Government.....	U. S. Navy.
Alaska Investment & Developing Co....	
Government.....	U. S. Navy.
Peninsular & Occidental S. S. Co.....	
Eastern S. S. Corporation.....	
Government.....	U. S. Navy.
Standard Oil Co.....	
Government.....	U. S. Navy.
.....do.....	U. S. Navy.
.....do.....	U. S. Navy.
.....do.....	U. S. Army.
.....do.....	U. S. Revenue-Cutter Service.
.....do.....	U. S. Army.

SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Owner of vessel (line).	Station controlled by—
Merced.....	WSZ			C. R. McCormick Co.....	
Merrimack.....	KQM	300, 600.....	PG.....	Merchants & Miners Transportation Co ..	Marconi Co.
Merritt.....	WXI	600.....	O.....	Government.....	U. S. Army.
Mexico.....	KWX	300, 600.....	PG.....	New York & Cuba Mail S. S. Co. (Ward Line).	Marconi Co.
Miami.....	KOZ			Peninsular & Occidental S. S. Co.....	
Miami.....	NRQ	300, 600, 750....	PG, O....	Government.....	U. S. Revenue-Cutter Service.
Michigan.....	NJZ	600.....	PR, O....	.....do.....	U. S. Navy.
Millinocket.....	KNM	300, 600.....	PG.....	A. H. Bull S. S. Co.....	Marconi Co.
Mills.....	KRR			Ogden Mills.....	
Minnesota.....	WEK			Crosby Transportation Co.....	
Minnesota.....	WMI			Great Northern S. S. Co.....	
Minnesota.....	NKD	600.....	PR, O....	Government.....	U. S. Navy.
Minnesotan.....	WKM	300, 600.....	PG.....	American-Hawaiian S. S. Co.....	Marconi Co.
Mississippi.....	NKE	600.....	PR, O....	Government.....	U. S. Navy.
Missouri.....	WFX			Northern Michigan S. S. Co.....	
Missouri.....	NKF	600.....	PR, O....	Government.....	U. S. Navy.

Mohawk.....	KVM	300, 600.....	PG.....
Mohawk.....	KXE	.....	.....
Mohawk.....	NRM	300, 600.....	PG, O....
Mohegan.....	KXM	300, 450, 500, 550, 600.	PG.....
Momus.....	KKM	300, 600.....	PG.....
Monadnock.....	NKJ	600.....	PR, O....
Monaghan.....	NKL	600.....	PR, O....
Mongolia.....	WWN	.....	.....
Monroe.....	KOM	300, 600.....	PG.....
Montana.....	NKM	600.....	PR, O....
Montanan.....	WKN	.....	.....
Montauk.....	KNT	.....	.....
Monterey.....	KWY	300, 600.....	PG.....
Monterey.....	NKN	600.....	PR, O....
Montgomery.....	NKO	600.....	PR, O....
Morrill.....	NRC	300.....	PG, O....
Morro Castle.....	KWC	300, 600.....	PG.....

Clyde S. S. Co.....	Marconi Co.
New England S. S. Co.....	National Electric Signal- ing Co.
Government.....	U. S. Revenue-Cutter Service.
New England S. S. Co.....	National Electric Signal- ing Co.
Southern Pacific Co.....	Marconi Co.
Government.....	U. S. Navy.
do.....	U. S. Navy.
Pacific Mail S. S. Co.....	
Old Dominion S. S. Co.....	Marconi Co.
Government.....	U. S. Navy.
American-Hawaiian S. S. Co.....	
Montauk S. S. Co.....	
New York & Cuba Mail S. S. Co. (Ward Line).	Marconi Co.
Government.....	U. S. Navy.
do.....	U. S. Navy.
do.....	U. S. Revenue-Cutter Service.
New York & Cuba Mail S. S. Co. (Ward Line).	Marconi Co.

SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Owner of vessel (line).	Station controlled by—
Multnomah.....	WMA			Chas. R. McCormick & Co.....	
Nacoochee.....	KFP			Ocean S. S. Co. (Savannah Line) .....	Marconi Co.
Nann Smith.....	WBO			Inter-Ocean Transportation Co.....	
Nanshan.....	NNK	600.....	PR, O.....	Government.....	U. S. Navy.
Nantucket.....	KQN	300, 600.....	PG.....	Merchants & Miners Transportation Co..	Marconi Co.
Nashville.....	NKY	600.....	PR, O.....	Government.....	U. S. Navy.
Navajo.....	WNJ			Western Steam Navigation Co. (California & Atlantic S. S. Co.).	
Navajo.....	NKZ	600.....	PR, O.....	Government.....	U. S. Navy.
Nebraska.....	NMA	600.....	PR, O.....	.do.....	U. S. Navy.
Nelson.....	KNL	300, 600.....	PG.....	Cuba Distilling Co.....	Marconi Co.
Neptune.....	NMS	600.....	PR, O.....	Government.....	U. S. Navy.
Nero.....	NMB	600.....	PR, O.....	.do.....	U. S. Navy.
New Hampshire.....	KXF			New England S. S. Co.....	National Electric Signaling Co.
New Hampshire.....	NME	600.....	PR, O.....	Government.....	U. S. Navy.
New Haven.....	KXN	300, 450, 500, 550, 600.	PG.....	New England S. S. Co.....	National Electric Signaling Co.

New Jersey.....	KNJ		
New Jersey.....	NMF	600.....	PR, O.....
New Orleans.....	KQV	300, 600.....	PG.....
New Orleans.....	NMG	600.....	PR, O.....
Newport.....	WWH		
New York.....	KNK		
New York.....	KSN		
Niagara.....	KYN		
Noma.....	KYO		
Nome City.....	WRN		
North American.....	WEN		
North Carolina.....	NMN	600.....	PR, O.....
North Dakota.....	NMO	600.....	PR, O.....
Northland.....	WNX		
North Land.....	WCN		
North Land.....	KJD	300, 600.....	PG.....
North Star.....	KJS	300, 600.....	PG.....
Northwestern.....	WAN	300, 600.....	PG.....

United New York & Sandy Hook Pilots' Association.	
Government.....	U. S. Navy.
Merchants & Miners Transportation Co..	Marconi Co.
Government.....	U. S. Navy.
Pacific Mail S. S. Co.....	
United New York & Sandy Hook Pilots' Association.	
International Mercantile Marine Co. (American Line).	
Howard Gould.....	
Vincent Astor.....	
Charles Nelson Co.....	Marconi Co.
Chicago, Duluth & Georgian Bay Transit Co.	Marconi Co.
Government.....	U. S. Navy.
.....do.....	U. S. Navy.
E. J. Dodge Co.....	
Northern S. S. Co.....	Marconi Co.
Eastern S. S. Corporation.....	Marconi Co.
.....do.....	Marconi Co.
Alaska S. S. Co.....	Marconi Co.



## SHIP RADIO STATIONS, ALPHABETICALLY B

Name.	Call signal.	Wave lengths.	Nature of service.
North Wind.....	KYB	300.....	P.....
Norwood.....	WSG		
Nueces.....	KEH	300, 600.....	PG.....
Nushagak.....	WNE		
Nyack.....	WEJ		
Octorara.....	W C D		
Ohio.....	NMW	600.....	PR, O.....
Oklahoma.....	KTB		
Old Colony.....	KJO		
Oleum.....	WTD		
Oliver J. Olson.....	WNB		
Olivette.....	KOV		
Oneida.....	KYP	300, 550, 600.....	P.....
Oneonta.....	WPX		
Onondaga.....	NRO	300, 600, 750.....	PG, O.....
Ontario.....	KQO	300, 600.....	PG.....

Y NAMES OF VESSELS—Continued.

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RADIO STATIONS OF THE UNITED STATES.

Owner of vessel (line).	Station controlled by—
Charles Martin Clark.....	Owner.
Sudden & Christenson (Inc.).....	Marconi Co.
Mallory S. S. Co.....	Marconi Co.
Alaska Packers' Association.....	
Crosby Transportation Co.....	
Erie & Western Transportation Co. (Anchor Line).	Marconi Co.
Government.....	U. S. Navy.
Gulf Refining Co.....	
Eastern S. S. Corporation.....	
Fillmore Condit (Union Oil Co.).....	
Olson & Mahony.....	
Peninsular & Occidental S. S. Co.....	Marconi Co.
E. C. Benedict.....	Owner.
Port of Portland.....	
Government.....	U. S. Revenue-Cutter Service.
Merchants & Miners Transportation Co..	Marconi Co.

Ontario.....	NTA	600.....	PR, O.....
Oregon.....	NMZ	600.....	PR, O.....
Orion.....	NOC	600.....	PR, O.....
Osceola.....	NOA	600.....	PR, O.....
P. R. R. 707.....	KPR		
Paducah.....	NOG	600.....	PR, O.....
Pamlico.....	NRR	300.....	PG, O.....
Panama.....	KMH	300, 600.....	PG.....
Pan American.....	KUT		
Panther.....	NOJ	600.....	PR, O.....
Paraguay.....	KTT		
Paraiso.....	WRI		
Parthian.....	KQP	300, 600.....	PG.....
Patapsco.....	NOL	600.....	PR, O.....
Patterson.....	NLH	300, 600.....	O.....
Patterson.....	NOK	600.....	PR, O.....
Patuxent.....	NOM	600.....	PR, O.....
Paulding.....	NON	600.....	PR, O.....
Paul Jones.....	NOP	600.....	PR, O.....

Government.....	U. S. Navy.
do.....	U. S. Navy.
do.....	U. S. Navy.
do.....	U. S. Navy.
Pennsylvania R. R. Co.....	
Government.....	U. S. Navy.
do.....	U. S. Revenue-Cutter Service.
Panama R. R. Co.....	Marconi Co.
Texas S. S. Co.....	
Government.....	U. S. Navy.
Sun Co.....	
.....	
Merchants & Miners Transportation Co..	Marconi Co.
Government.....	U. S. Navy.
do.....	U. S. Department of Com- merce.
do.....	U. S. Navy.
do.....	U. S. Navy.
do.....	U. S. Navy.
do.....	U. S. Navy.

SHIP RADIO STATIONS.

## SHIP RADIO STATIONS, ALPHABETICALLY B

Name.	Call signal.	Wave lengths.	Nature of service.
Pennsylvania.....	WWI	.....	.....
Peoria.....	NOW	600.....	PR, O.....
Pequonnock.....	KXP	.....	.....
Pere Marquette.....	WDA	300, 600.....	PR.....
Pere Marquette 17.....	WDC	300, 600.....	PG.....
Pere Marquette 18.....	WDD	.....	.....
Pere Marquette 19.....	WDB	300, 345, 600.....	PR.....
Pere Marquette 20.....	WDE	.....	.....
Perfection.....	KTN	.....	.....
Perkins.....	NOX	600.....	PR, O.....
Perry.....	NOY	600.....	PR, O.....
Persian.....	KQX	.....	.....
Peru.....	WWJ	.....	.....
Petrel.....	NOZ	600.....	PR, O.....
Pettibone.....	KUP	.....	.....
Philadelphia.....	KDA	300, 600.....	PG.....

Owner of vessel (line).	Station controlled by—
Pacific Mail S. S. Co.....	Marconi Co.
Government.....	U. S. Navy.
New England S. S. Co.....	National Electric Signal- ing Co.
Pere Marquette R. R. Co.....	Marconi Co.
.....do.....	Marconi Co.
.....do.....	Marconi Co.
.....do.....	Marconi Co.
.....do.....	Marconi Co.
Standard Oil Co.....	
Government.....	U. S. Navy.
.....do.....	U. S. Navy.
Merchants & Miners Transportation Co..	Marconi Co.
Pacific Mail S. S. Co.....	
Government.....	U. S. Navy.
Atlantic & Caribbean Steam Navigation Co. (Red D Line).	Marconi Co.

Philadelphia.....	KSM	300, 600.....	PG.....	International Mercantile Marine Co. (American Line).	Marconi Co.
Pilgrim.....	KXG			New England S. S. Co.....	National Electric Signal- ing Co.
Pioneer.....	WPN			Puget Sound Tug Boat Co.....	
Pittsburgh.....	NOT	600.....	PR, O.....	Government.....	U. S. Navy.
Pleiades.....	WNP			Edgar F. Luckenbach.....	Marconi Co.
Plymouth.....	KXP	300, 450, 500, 550, 600.	PG.....	New England S. S. Co.....	National Electric Signal- ing Co.
Pompey.....	NQF	600.....	PR, O.....	Government.....	U. S. Navy.
Ponce.....	KGP	300, 600.....	PG.....	New York & Porto Rico S. S. Co.....	Marconi Co.
Portland.....	WNV			Portland Incorporated (California & Atlantic S. S. Co.).	
Potomac.....	NQK	600.....	PR, O.....	Government.....	U. S. Navy.
Powhatan.....	KQY	300, 600.....	PG.....	Merchants & Miners Transportation Co..	Marconi Co.
Prairie.....	NQM	600.....	PR, O.....	Government.....	U. S. Navy.
Preble.....	N Q N	600.....	PR, O.....	.....do.....	U. S. Navy.
President.....	WGP			Pacific Coast Co.....	Marconi Co.
Preston.....	NQO	600.....	PR, O.....	Government.....	U. S. Navy.
Princess Anne.....	KOB	300, 600.....	PG.....	Old Dominion S. S. Co.....	Marconi Co.
Princeton.....	NQP	600.....	PR, O.....	Government.....	U. S. Navy.
Priscilla.....	KXI			New England S. S. Co.....	National Electric Signal- ing Co.
Prometheus.....	NQR	600.....	PR, O.....	Government.....	U. S. Navy.

SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Owner of vessel (line).	Station controlled by—
Proteus.....	KKP	300, 600.....	PG.....	Southern Pacific Co.....	Marconi Co.
Providence.....	KXJ	300, 450, 500, 550, 600.	PG.....	New England S. S. Co.....	National Electric Signal- ing Co.
Puritan.....	WDU	300, 600.....	PG.....	Graham & Morton Transportation Co....	Marconi Co.
Puritan.....	KXK			New England S. S. Co.....	National Electric Signal- ing Co.
Quantico.....	KQQ	300, 600.....	PG.....	Merchants & Miners Transportation Co..	Marconi Co.
Queen.....	WGX			Pacific Coast S. S. Co.....	Marconi Co.
Radiant.....	KTR			Standard Oil Co.....	
Rainbow.....	NTD	600.....	PR, O.....	Government.....	U. S. Navy.
Raleigh.....	NTE	600.....	PR, O.....	do.....	U. S. Navy.
Ransom B. Fuller.....	KRF			Eastern S. S. Corporation.....	
Rayo.....	KTL			Standard Oil Co.....	
Redondo.....	WBM			Inter-Ocean Transportation Co.....	
Reid.....	NTU	600.....	PR, O.....	Government.....	U. S. Navy.
Relay.....	KVZ			Mexican Telegraph Co.....	
Relief.....	KRJ			Merritt & Chapman Derrick & Wrecking Co.	
Reno.....	WYN	300.....	O.....	Government.....	U. S. Army.



Rescue.....	KRP		
Reuce.....	WSR		
Rhode Island.,.....	NTX	600.....	PR, O....
Richard Peck.....	KXR		
Richmond.....	WTR		
Rio Grande.....	KEG	300, 600.....	PG.....
Riverside.....	WRM		
Roanoke.....	WRR		
Rochelle.....	WNR		
Roe.....	NTZ	600.....	PR, O....
Roma.....	WTE		
Rose City.....	WWR		
S. O. Co. No. 91.....	WTU		
S. O. Co. No. 92.....	KTY		
S. O. Co. No. 93.....	WTY		
S. O. Co. No. 94.....	KTP		
S. O. Co. No. 95.....	WTZ		
S. V. Luckenbach.....	KDS		
Sabine.....	KEB	300, 600.....	PG.....

Merritt & Chapman Derrick & Wrecking  
Co.

Columbia River Packers' Association...

Government..... U. S. Navy.

New England S. S. Co..... National Electric Signal-  
ing Co.

Standard Oil Co.....

Mallory S. S. Co..... Marconi Co.

Charles Nelson Co.....

North Pacific S. S. Co..... Marconi Co.

Government..... U. S. Navy.

Union S. S. Co. (Union Oil Co.).....

San Francisco & Portland S. S. Co..... Marconi Co.

Standard Oil Co.....

do.....

do.....

do.....

do.....

Edgar F. Luckenbach (Insular Line)....

Mallory S. S. Co..... Marconi Co

SHIP RADIO STATIONS.

SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Owner of vessel (line).	Station controlled by—
St. Francis.....	WHH			Alaska Fisherman's Packing Co.....	
St. Helens.....	WNY			E. J. Dodge Co.....	
St. Louis.....	KSL			International Mercantile Marine Co. (American Line).	
St. Louis.....	NTF	600.....	PR, O.....	Government.....	U. S. Navy.
St. Nicholas.....	WSS			Columbia River Packers' Association...	
St. Paul.....	KSO			International Mercantile Marine Co. (American Line).	
Salem... ..	NTP	600.....	PR, O.....	Government.....	U. S. Navy.
San Francisco.....	NTQ	600.....	PR, O.....	do.....	U. S. Navy.
San Jacinto.....	KES	300, 600.....	PG.....	Mallory S. S. Co.....	Marconi Co.
San Jose.....	WWL			Pacific Mail S. S. Co.....	
San Juan.....	KGJ	300, 600.....	PG.....	New York & Porto Rico S. S. Co.....	Marconi Co.
San Juan.....	WWM			Pacific Mail S. S. Co.....	Marconi Co.
San Marcos.....	KEK	300, 600.....	PG.....	Mallory S. S. Co.....	Marconi Co.
San Ramon.....	WNW			E. J. Dodge Co.....	Marconi Co.
Santa Ana.....	WAL			Alaska S. S. Co.....	
Santa Clara.....	WRS	300, 600.....	PG.....	North Pacific S. S. Co.....	Marconi Co.

Santa Cruz.....	WPA		
Santa Cruz.....	WBD		
Santa Maria.....	WTF		
Santa Rita.....	WTG		
Santa Rosa.....	WGN		
Saratoga.....	KWS	300, 600.....	PG.....
Saratoga.....	NTR	600.....	PR, O.....
Savage.....	KRS		
Scorpion.....	NTT	600.....	PR, O.....
Sea Otter.....	KYS		
Seeandbee.....	WFS	300, 600.....	PG.....
Seguranca.....	KWG	300, 600.....	PG.....
Seminole.....	KVJ	300, 600.....	PG.....
Seminole.....	NRS	300, 600.....	PG, O.....
Senator.....	WGS		
Senator Bailey.....	KGS		
Seneca.....	NRE	300, 600, 750....	PG, O.....
Seward.....	WAV		

Puget Sound Salvage Co. ....	
W. R. Grace & Co. ....	
United S. S. Co. (Union Oil Co.) .....	
.....do.....	
Pacific Coast Co. ....	
New York & Cuba Mail S. S. Co. (Ward Line).	Marconi Co.
Government. ....	U. S. Navy.
Consolidation Coal Co. ....	
Government. ....	U. S. Navy.
Hugh L. Willoughby. ....	
Cleveland & Buffalo Transportation Co..	Marconi Co.
New York & Cuba Mail S. S. Co. (Ward Line).	Marconi Co.
Clyde S. S. Co. ....	Marconi Co.
Government. ....	U. S. Revenue-Cutter Service.
Pacific Coast Co. ....	
.....	
Government. ....	U. S. Revenue-Cutter Service.
Alaska S. S. Co. ....	

SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Owner of vessel (line).	Station controlled by—
Shenango.....	KTC			Gulf Refining Co.....	
Shenango.....	WET			Shenango S. S. Co.....	Marconi Co.
Sheridan.....	WXJ	600.....	O.....	Government.....	U. S. Army.
Sherman.....	WXK	600.....	O.....	.....do.....	U. S. Army.
Shinnecock.....	KNS			Montauk S. S. Co.....	
Siberia.....	WWU			Pacific Mail S. S. Co.....	Marconi Co.
Sierra.....	WHL			Oceanic S. S. Co.....	Marconi Co.
Smith.....	NSQ	600.....	PR, O.....	Government.....	U. S. Navy.
Snohomish.....	NRF	300.....	PG, O.....	.....do.....	U. S. Revenue-Cutter Service.
Socony.....	KTX			Standard Oil Co.....	
Solace.....	NST	600.....	PR, O.....	Government.....	U. S. Navy.
Somerset.....	KQS	300, 600.....	PG.....	State Street Trust Co. (Merchants & Miners Transportation Co.).	Marconi Co.
Sonoma.....	WHM			Oceanic S. S. Co.....	
Sonoma.....	NTG	600.....	PR, O.....	Government.....	U. S. Navy.
South Carolina.....	NSW	600.....	PR, O.....	.....do.....	U. S. Navy.
South Dakota.....	NSX	600.....	PR, O.....	.....do.....	U. S. Navy.

Speedwell.....	WQS		
Spokane.....	WGE		
Stanley Dollar.....	WSD		
Starr.....	WPS		
State of California.....	WGL	300, 600.....	PG.....
State of Ohio.....	WFR		
Sterrett.....	NTB	600.....	PR, O.....
Stewart.....	NTC	600.....	PR, O.....
Stringham.....	NTI	600.....	PR, O.....
Sumner.....	WXL	600.....	O.....
Sun.....	KTU		
Supply.....	NTK	600.....	PR, O.....
Suwannee.....	KQZ	300, 600.....	PG.....
Sylph.....	NTL	600.....	PR, O.....
Tacoma.....	NUA	600.....	PR, O.....
Tahoma.....	NRK	300, 600.....	PG, O.....
Tallahassee.....	NUC	600.....	PR, O.....
Tarragon.....	NZZ	300.....	O.....

A. F. Estabrook (Southern Oregon  
Transportation Co.).

Pacific Coast Co.....

Dollar S. S. Line.....

San Juan Fishing & Packing Co.....

Pacific Coast S. S. Co.....

Cleveland & Buffalo Transportation Co..

Government.....

do.....

do.....

do.....

Sun Co.....

Government.....

State Street Trust Co. (Merchants &  
Miners Transportation Co.)

Government.....

do.....

do.....

do.....

do.....

Marconi Co.

Marconi Co.

U. S. Navy.

U. S. Navy.

U. S. Navy.

U. S. Army.

U. S. Navy.

Marconi Co.

U. S. Navy.

U. S. Navy.

U. S. Revenue - Cutter  
Service.

U. S. Navy.

U. S. Department of Com-  
merce.

SHIP RADIO STATIONS.



SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Owner of vessel (line).	Station controlled by—
Tasco.....	KFT	300, 400, 480, 600.	P.....	T. A. Scott Co. (Inc.).....	Owner.
Tatoosh.....	WPE			Puget Sound Tug Boat Co.....	
Tennessee.....	NUG	600.....	PR, O....	Government.....	U. S. Navy.
Terry.....	NUI	600.....	PR, O....	...do.....	U. S. Navy.
Theodore Roosevelt.....	WCT			Indiana Transportation Co.....	
Thetis.....	NRT	300, 600.....	PG, O....	Government.....	U. S. Revenue - Cutter Service.
Thomas.....	WXM	600.....	O.....	...do.....	U. S. Army.
Tionesta.....	WCA			Erie & Western Transportation Co. (Anchor Line).	Marconi Co.
Toledo.....	KTV			Sun Co.....	
Tonopah.....	NUN	600.....	PR, O....	Government.....	U. S. Navy.
Topila.....	KKE			Southern Pacific Co.....	
Trippe.....	NUG	600.....	PR, O....	Government.....	U. S. Navy.
Truxton.....	NUS	600.....	PR, O....	...do.....	U. S. Navy.
Tuscan.....	KQT	300, 600.....	PG.....	Merchants & Miners Transportation Co..	Marconi Co.

Tuscarora.....	NRL	300, 600.....	PG, O....
Tyee.....	WPC		
Tyee Junior.....	WPB		
Umatilla.....	WGU		
Unalga.....	NRX	300, 600, 800...	PG, O....
Utah.....	NVE	600.....	PR, O....
Vanguard.....	WNZ		
Vanadis.....	KYT		
Venetia.....	WOV		
Ventura.....	WHL		
Vermont.....	NVK	600.....	PR, O....
Vesta.....	KTS		
Vesuvius.....	NVM	600.....	PR, O....
Vicksburg.....	NVN	600.....	PR, O....
Victoria.....	WAD		
Vigilancia.....	KWV	300, 600.....	PG.....
Villalobos.....	NVP	600.....	PR, O....
Virginia.....	KSZ		
Virginia.....	WFH		

Government.....	U. S. Revenue - Cutter Service.
Puget Sound Tug Boat Co.....	
Tyee Co.....	
Pacific Coast Co.....	Marconi Co.
Government.....	U. S. Revenue - Cutter Service.
.....do.....	U. S. Navy.
E. J. Dodge Co.....	
C. K. G. Billings.....	
J. D. Spreckels.....	
Oceanic S. S. Co.....	Marconi Co.
Government.....	U. S. Navy.
Standard Oil Co.....	
Government.....	U. S. Navy.
.....do.....	U. S. Navy.
Alaska S. S. Co.....	
New York & Cuba Mail S. S. Co. (Ward Line).	Marconi Co.
Government.....	U. S. Navy.
Baltimore Steam Packet Co.....	
Goodrich Transit Co.....	Marconi Co.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Owner of vessel (line).	Station controlled by—
Virginia.....	NVR	600.....	PR, O....	Government.....	U. S. Navy.
Vulcan.....	NVT	600.....	PR, O....	do.....	U. S. Navy.
W. B. Flint.....	WHG			Astoria Savings Bank (Alaska Fisherman's Packing Co.).	
W. S. Porter.....	WTM			Associated Oil Co.....	
Wakiva.....	KYI			Lamon V. Harkness.....	
Walke.....	NWL	600.....	PR, O....	Government.....	U. S. Navy.
Wallula.....	WPY			Port of Portland.....	
Wana.....	KYX			George C. Sherman.....	Marconi Co.
Warren.....	WXN	600.....	O.....	Government.....	U. S. Army.
Warrington.....	NWD	600.....	PR, O....	do.....	U. S. Navy.
Warrior.....	KYW			Frederick William Vanderbilt.....	
Washington.....	NWE	600.....	PR, O....	Government.....	U. S. Navy.
Washtenaw.....	WTH			Union S. S. Co. (Union Oil Co.).....	
Watson.....	WAW			Alaska-Pacific S. S. Co.....	Marconi Co.
West Virginia.....	NWG	600.....	PR, O....	Government.....	U. S. Navy.
Western States.....	WED	300, 600.....	PG.....	Detroit & Cleveland Navigation Co.....	Marconi Co.

Wheeling.....	NWH	600.....	PR, O.....
Whipple.....	NWI	600.....	PR, O.....
Whittier.....	WHT	.....	.....
Wilhelmina.....	WMO	.....	.....
Willamette.....	WSW	.....	.....
William Chatham.....	WMC	.....	.....
Wm. F. Herrin.....	WTN	.....	.....
William P. Snyder.....	WER	.....	.....
William P. Snyder, Jr.....	WES	.....	.....
Wilmington.....	NWK	600.....	PR, O.....
Wilpen.....	WEU	.....	.....
Windber.....	WND	.....	.....
Windom.....	NRW	300, 600.....	PG, O.....
Winifred.....	KTE	.....	.....
Winona.....	NRV	300, 600.....	PG, O.....
Wisconsin.....	NWM	600.....	PR, O.....
Woodbury.....	NRJ	300, 600.....	PG, O.....
Wyandotte.....	KNW	.....	.....
Wyoming.....	NWQ	600.....	PR, O.....

SHIP RADIO STATIONS.

.....do.....	U. S. Navy.
.....do.....	U. S. Navy.
Mar Dyer (Union Oil Co.).....	Marconi Co.
Matson Navigation Co.....	Marconi Co.
Willamette S. S. Co.....	
Steamer William Chatham Co.....	Marconi Co.
Associated Oil Co.....	
Shenango S. S. Co.....	Marconi Co.
.....do.....	Marconi Co.
Government.....	U. S. Navy.
Shenango S. S. Co.....	
Pacific-American Fisheries.....	
Government.....	U. S. Revenue - Cutter Service.
Gulf Refining Co.....	
Government.....	U. S. Revenue - Cutter Service.
.....do.....	U. S. Navy.
.....do.....	U. S. Revenue - Cutter Service.
Montauk S. S. Co.....	
Government.....	U. S. Navy.

SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Name.	Call signal.	Wave lengths.	Nature of service.	Owner of vessel (line).	Station controlled by—
Yale.....	WRY			Metropolitan S. S. Co. (Pacific Steam Navigation Co.).	Marconi Co.
Yamacraw.....	NRV	300, 600.....	PG, O.....	Government.....	U. S. Revenue-Cutter Service.
Yaquez.....	KDY	300, 600.....	PG.....	Ocean Freight Line.....	Marconi Co.
Yosemite.....	WQY			Yosemite S. S. Co.....	Marconi Co.
Yucatan.....	WMY			North Pacific S. S. Co.....	Marconi Co.
Yukon.....	WBQ			Alaska Coast Co.....	
Zapora.....	WPQ			International Fisheries Co.....	
Zealandia.....	KNR			C. L. Dimon.....	
Zulia.....	KDZ	300, 600.....	PG.....	Atlantic & Caribbean Steam Navigation Co. (Red D Line).	Marconi Co.

**LAND AND SHIP RADIO STATIONS, ALPHABETICALLY  
BY CALL SIGNALS.**

[This list includes all call signals which have been assigned to United States radio stations, except those of the general and restricted amateur grades. Special stations are grouped at the end of this list. b—ship stations; c—land stations.]

Call signal.	Name of station.	Classi- fication.	Call signal.	Name of station.	Classi- fication.
KDA	Philadelphia.....	b	KEL	.....	
KDB	Caracas.....	b	KEM	Comal.....	b
KDC	Douglas, Ariz.....	c	KEN	.....	
KDD	.....		KEO	.....	
KDE	.....		KEP	Lampasas.....	b
KDF	.....		KEQ	.....	
KDG	.....		KER	.....	
KDH	.....		KES	San Jacinto.....	b
KDI	.....		KET	.....	
KDJ	.....		KEU	.....	
KDK	.....		KEV	.....	
KDL	.....		KEW	.....	
KDM	Maracaibo.....	b	KEX	Los Angeles, Cal.....	c
KDN	San Luis Obispo, Cal..	c	KEY	.....	
KDO	.....		KEZ	Brazos.....	b
KDP	.....		KFA	City of Columbus.....	b
KDQ	.....		KFB	City of Atlanta.....	b
KDR	.....		KFC	City of Macon.....	b
KDS	S. V. Luckenbach.....	b	KFD	City of Memphis.....	b
KDT	Harry Luckenbach.....	b	KFE	.....	
KDU	Juneau, Alaska.....	c	KFF	Frieda.....	b
KDV	Grayson.....	b	KFG	.....	
KDW	Borinquen.....	b	KFH	Herman Frasch.....	b
KDX	Bayamon.....	b	KFI	I. D. Fletcher.....	b
KDY	Yaquez.....	b	KFJ	City of Augusta.....	b
KDZ	Zulia.....	b	KFK	City of Savannah.....	b
KEA	.....		KFL	.....	
KEB	Sabine.....	b	KFM	.....	
KEC	Concho.....	b	KFN	.....	
KED	Denver.....	b	KFO	.....	
KEE	.....		KFP	Nacoochee.....	b
KEF	.....		KFQ	.....	
KEG	Rio Grande.....	b	KFR	.....	
KEH	Nueces.....	b	KFS	.....	
KEI	.....				
KEJ	Alamo.....	b			
KEK	San Marcos.....	b			



## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued

Call signal.	Name of station.	Classi- fication.	Call signal.	Name of station.	Classi- fication.
KFT	Tasco.....	b	KHA	Karluk, Alaska.....	c
KFU	.....	.....	KHB	Kopiung, Alaska.....	c
KFV	.....	.....	KHC	Chignik, Alaska.....	c
KFW	.....	.....	KHD	.....	.....
KFX	City of St. Louis.....	b	KHE	.....	.....
KFY	City of Montgomery..	b	KHF	Nushagak, Alaska....	c
KFZ	.....	.....	KHG	Clarks Point, Alaska .	c
KGA	Coamo.....	b	KHH	.....	.....
KGB	Carolina.....	b	KHI	.....	.....
KGC	.....	.....	KHJ	Koko Head, T. H....	c
KGD	.....	.....	KHK	Kahuku, T. H. ....	c
KGE	.....	.....	KHL	Lahaina, T. H. ....	c
KGF	.....	.....	KHM	Lihue, T. H. ....	c
KGG	.....	.....	KHN	Kawaihae, T. H. ....	c
KGH	.....	.....	KHO	Kaunakakai, T. H. ...	c
KGI	.....	.....	KHP	Daley City, Cal.....	c
KGJ	San Juan.....	b	KHQ	Phoenix, Ariz.....	c
KGK	.....	.....	KHR	.....	.....
KGL	.....	.....	KHS	.....	.....
KGM	.....	.....	KHT	Naknek, Alaska.....	c
KGN	.....	.....	KHU	.....	.....
KGO	.....	.....	KHV	.....	.....
KGP	Ponce.....	b	KHW	.....	.....
KGQ	.....	.....	KHX	.....	.....
KGR	.....	.....	KHY	.....	.....
KGS	Senator Bailey.....	b	KHZ	.....	.....
KGT	.....	.....	KIA	.....	.....
KGU	.....	.....	KIB	.....	.....
KGV	.....	.....	KIC	.....	.....
KGW	.....	.....	KID	.....	.....
KGX	.....	.....	KIE	.....	.....
KGY	.....	.....	KIF	.....	.....
KGZ	.....	.....	KIG	.....	.....
			KIH	.....	.....
			KII	.....	.....
			KIJ	.....	.....

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classi- fica- tion.	Call signal.	Name of station.	Classi- fica- tion.
KIK	.....	.....	KJR	.....	.....
KIL	.....	.....	KJS	North Star.....	b
KIM	.....	.....	KJT	.....	.....
KIN	.....	.....	KJU	.....	.....
KIO	.....	.....	KJV	.....	.....
KIP	.....	.....	KJW	.....	.....
KIQ	.....	.....	KJX	.....	.....
KIR	.....	.....	KJY	.....	.....
KIS	.....	.....	KJZ	.....	.....
KIT	Kake, Alaska.....	c	KKA	Antilles.....	b
KIU	Burnett Inlet, Alaska.....	c	KKB	El Sol.....	b
KIV	.....	.....	KKC	Chalmette.....	b
KIW	.....	.....	KKD	Comus.....	b
KIX	.....	.....	KKE	Topila.....	b
KIY	.....	.....	KKF	.....	.....
KIZ	.....	.....	KKG	.....	.....
KJA	Jualin, Alaska.....	c	KKH	.....	.....
KJB	Bunker Hill.....	b	KKI	.....	.....
KJC	.....	.....	KKJ	.....	.....
KJD	North Land.....	b	KKK	.....	.....
KJE	.....	.....	KKL	El Alba.....	b
KJF	.....	.....	KKM	Momus.....	b
KJG	.....	.....	KKN	El Norte.....	b
KJH	.....	.....	KKO	Excelsior.....	b
KJI	.....	.....	KKP	Proteus.....	b
KJJ	.....	.....	KKQ	El Sud.....	b
KJK	.....	.....	KKR	Creole.....	b
KJL	.....	.....	KKS	El Siglo.....	b
KJM	Massachusetts.....	b	KKT	El Cid.....	b
KJN	.....	.....	KKU	El Mundo.....	b
KJO	Old Colony.....	b	KKV	El Oriente.....	b
KJP	.....	.....	KKW	El Valle.....	b
KJQ	.....	.....	KKX	El Occidente.....	b
			KKY	El Dia.....	b
			KKZ	El Rio.....	b
			KLA	.....	.....
			KLB	.....	.....
			KLC	.....	.....
			KLD	.....	.....
			KLE	.....	.....

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued

Call signal.	Name of station.	Classi- fication.	Call signal.	Name of station.	Classi- fication.
KLF	.....	.....	KML	.....	.....
KLG	.....	.....	KMM	.....	.....
KLH	.....	.....	KMN	.....	.....
KLI	.....	.....	KMO	.....	.....
KLJ	.....	.....	KMP	.....	.....
KLK	.....	.....	KMQ	.....	.....
KLL	.....	.....	KMR	.....	.....
KLM	.....	.....	KMS	Ancon.....	b
KLN	.....	.....	KMT	.....	.....
KLO	.....	.....	KMU	.....	.....
KLP	.....	.....	KMV	Advance.....	b
KLQ	.....	.....	KMW	.....	.....
KLR	.....	.....	KMX	Colon.....	b
KLS	.....	.....	KMY	.....	.....
KLT	.....	.....	KMZ	.....	.....
KLU	.....	.....	KNA	Dorothy Bradford....	b
KLV	.....	.....	KNB	Lexington.....	b
KLW	.....	.....	KNC	Concord.....	b
KLX	.....	.....	KND	.....	.....
KLY	.....	.....	KNE	Evelyn.....	b
KLZ	.....	.....	KNF	Carolyn.....	b
KMA	Allianca.....	b	KNG	.....	.....
KMB	.....	.....	KNH	.....	.....
KMC	.....	.....	KNI	.....	.....
KMD	Cristobal.....	b	KNJ	New Jersey.....	b
KME	.....	.....	KNK	New York.....	b
KMF	.....	.....	KNL	Nelson.....	b
KMG	.....	.....	KNM	Millinocket.....	b
KMH	Panama.....	b	KNN	.....	.....
KMI	.....	.....	KNO	.....	.....
KMJ	.....	.....	KNP	.....	.....
KMK	.....	.....	KNQ	Lucy Neff.....	b
			KNR	Zealandia.....	b
			KNS	Shinnecock.....	b
			KNT	Montauk.....	b
			KNU	Currier.....	b
			KNV	.....	.....
			KNW	Wyandotte.....	b

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classi- fica- tion.	Call signal.	Name of station.	Classi- fica- tion.
KNX	.....	.....	KPH	San Francisco, Cal. . . . .	c
KNY	.....	.....	KPI	Avalon, Cal. . . . .	c
KNZ	America. . . . .	b	KPJ	San Pedro, Cal. . . . .	c
KOA	Hamilton. . . . .	b	KPK	.....	.....
KOB	Princess Anne. . . . .	b	KPL	.....	.....
KOC	Jamestown. . . . .	b	KPM	Eureka, Cal. . . . .	c
KOD	Jefferson. . . . .	b	KPN	Adams. . . . .	b
KOE	.....	.....	KPO	.....	.....
KOF	.....	.....	KPP	.....	.....
KOG	Madison. . . . .	b	KPQ	.....	.....
KOH	.....	.....	KPR	P. R. R. 707. . . . .	b
KOI	.....	.....	KPS	.....	.....
KOJ	.....	.....	KPT	.....	.....
KOK	.....	.....	KPU	.....	.....
KOL	.....	.....	KPV	.....	.....
KOM	Monroe. . . . .	b	KPW	Cape Cod. . . . .	b
KON	.....	.....	KPX	Marshfield, Ohio. . . . .	c
KOO	.....	.....	KPY	.....	.....
KOP	.....	.....	KPZ	.....	.....
KOQ	.....	.....	KQA	Alleghany. . . . .	b
KOR	.....	.....	KQB	Berkshire. . . . .	b
KOS	Brunswick. . . . .	b	KQC	Cretan. . . . .	b
KOT	.....	.....	KQD	Dorchester. . . . .	b
KOU	.....	.....	KQE	Essex. . . . .	b
KOV	Olivette. . . . .	b	KQF	Frederick. . . . .	b
KOW	Mascotte. . . . .	b	KQG	Gloucester. . . . .	b
KOX	.....	.....	KQH	Howard. . . . .	b
KOY	.....	.....	KQI	Indian. . . . .	b
KOZ	Miami. . . . .	b	KQJ	Juniata. . . . .	b
KPA	Seattle, Wash. . . . .	c	KQK	Kershaw. . . . .	b
KPB	Ketchikan, Alaska. . . . .	c	KQL	Lexington. . . . .	b
KPC	Astoria, Oreg. . . . .	c	KQM	Merrimack. . . . .	b
KPD	Friday Harbor, Wash. . . . .	c	KQN	Nantucket. . . . .	b
KPE	.....	.....	KQO	Ontario. . . . .	b
KPF	Forward. . . . .	b	KQP	Parthian. . . . .	b
KPG	.....	.....	KQQ	Quantico. . . . .	b
			KQR	Grecian. . . . .	b
			KQS	Somerset. . . . .	b
			KQT	Tuscan. . . . .	b
			KQU	Itasca. . . . .	b
			KQV	New Orleans. . . . .	b
			KQW	.....	.....
			KQX	Persian. . . . .	b
			KQY	Powhatan. . . . .	b
			KQZ	Suwannee. . . . .	b

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued

Call signal.	Name of station.	Classi- fica- tion.	Call signal.	Name of station.	Classi- fica- tion.
KRA	.....	.....	KSP	.....	.....
KRB	Governor Cobb.....	b	KSQ	.....	.....
KRC	Camden.....	b	KSR	.....	.....
KRD	Belfast.....	b	KSS	.....	.....
KRE	Bay State.....	b	KST	.....	.....
KRF	Ransom B. Fuller....	b	KSU	.....	.....
KRG	.....	.....	KSV	.....	.....
KRH	City of Bangor.....	b	KSW	.....	.....
KRI	City of Rockland....	b	KSX	Alabama.....	b
KRJ	Relief.....	b	KSY	Florida.....	b
KRK	.....	.....	KSZ	Virginia.....	b
KRL	Louise.....	b	KTA	Larimer.....	b
KRM	.....	.....	KTB	Oklahoma.....	b
KRN	Calvin Austin.....	b	KTC	Shenango.....	b
KRO	Columbia.....	b	KTD	Ligonier.....	b
KRP	Rescue.....	b	KTE	Winifred.....	b
KRQ	I. J. Merritt.....	b	KTF	J. M. Guffey.....	b
KRR	Mills.....	b	KTG	Gulfoil.....	b
KRS	Savage.....	b	KTH	Illinois.....	b
KRT	.....	.....	KTI	Brilliant.....	b
KRU	.....	.....	KTJ	Comet.....	b
KRV	Governor Dingley....	b	KTK	Elsegundo.....	b
KRW	.....	.....	KTL	Rayo.....	b
KRX	.....	.....	KTM	Eocene.....	b
KRY	City of Baltimore....	b	KTN	Perfection.....	b
KRZ	City of Norfolk.....	b	KTO	Astral.....	b
KSA	.....	.....	KTP	S. O. Co. No. 94....	b
KSB	.....	.....	KTQ	City of Everett.....	b
KSC	.....	.....	KTR	Radiant.....	b
KSD	.....	.....	KTS	Vesta.....	b
KSE	.....	.....	KTT	Paraguay.....	b
KSF	Finland.....	b	KTU	Sun.....	b
KSG	.....	.....	KTV	Toledo.....	b
KSH	Kroonland.....	b	KTW	Delaware Sun.....	b
KSI	.....	.....	KTX	Socony.....	b
KSJ	.....	.....	KTY	S. O. Co. No. 92....	b
KSK	.....	.....	KTZ	.....	.....
KSL	St. Louis.....	b	KUA	.....	.....
KSM	Philadelphia.....	b	KUB	.....	.....
KSN	New York.....	b	KUC	Cuba.....	b
KSO	St. Paul.....	b	KUD	.....	.....
			KUE	.....	.....
			KUF	.....	.....
			KUG	.....	.....
			KUH	.....	.....

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classi- fica- tion.	Call signal.	Name of station.	Classi- fica- tion.
KUI	.....	.....	KVS	.....	.....
KUJ	.....	.....	KVT	.....	.....
KUK	.....	.....	KVU	Elmer A. Keeler.....	b
KUL	.....	.....	KVV	.....	.....
KUM	.....	.....	KVW	.....	.....
KUN	.....	.....	KVX	.....	.....
KUO	.....	.....	KVY	.....	.....
KUP	Pettibone.....	b	KVZ	Relay.....	b
KUQ	.....	.....	KWA	.....	.....
KUR	.....	.....	KWB	.....	.....
KUS	.....	.....	KWC	Morro Castle.....	b
KUT	Pan American.....	b	KWD	.....	.....
KUU	.....	.....	KWE	.....	.....
KUV	Admiral Dewey.....	b	KWF	.....	.....
KUW	.....	.....	KWG	Seguranca.....	b
KUX	Admiral Schley.....	b	KWH	Havana.....	b
KUY	.....	.....	KWI	.....	.....
KUZ	.....	.....	KWJ	.....	.....
KVA	Apache.....	b	KWK	.....	.....
KVB	Arapahoe.....	b	KWL	.....	.....
KVC	Comanche.....	b	KWM	.....	.....
KVD	.....	.....	KWN	.....	.....
KVE	.....	.....	KWO	.....	.....
KVF	Iroquois.....	b	KWP	.....	.....
KVG	Algonquin.....	b	KWQ	.....	.....
KVH	Huron.....	b	KWR	.....	.....
KVI	.....	.....	KWS	Saratoga.....	b
KVJ	Seminole.....	b	KWT	.....	.....
KVK	Cherokee.....	b	KWU	.....	.....
KVL	Lenape.....	b	KWV	Vigilancia.....	b
KVM	Mohawk.....	b	KWW	.....	.....
KVN	.....	.....	KWX	Mexico.....	b
KVO	.....	.....	KWY	Monterey.....	b
KVP	.....	.....	KWZ	Esperanza.....	b
KVQ	.....	.....			
KVR	.....	.....			

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued

Call signal.	Name of station.	Classi- fica- tion.	Call signal.	Name of station.	Classi- fica- tion.
KXA	Boston.....	b	KYV	Adventurers.....	b
KXB	City of Lowell.....	b	KYW	Warrior.....	b
KXC	Commonwealth.....	b	KYX	Wana.....	b
KXD	Maine.....	b			
KXE	Mohawk.....	b	KYY		
KXF	New Hampshire.....	b			
KXG	Pilgrim.....	b	KYZ		
KXH	Plymouth.....	b			
KXI	Priscilla.....	b	KZA		
KXJ	Providence.....	b			
KXK	Puritan.....	b	KZB		
KXL	City of Taunton.....	b			
KXM	Mohegan.....	b	KZC		
KXN	New Haven.....	b			
KXO	Connecticut.....	b	KZD		
KXP	Pequonnock.....	b			
KXQ	Chester W. Chapin.....	b	KZE		
KXR	Richard Peck.....	b			
			KZF		
KXS	.....				
			KZG		
KXT	.....				
			KZH		
KXU	.....				
			KZI		
KXV	.....				
			KZJ		
KXW	.....				
			KZK		
KXX	.....				
			KZL		
KXY	.....				
			KZM		
KXZ	.....				
			KZN		
KYA	Atalanta.....	b			
KYB	North Wind.....	b	KZO		
KYC	Corsair.....	b			
KYD	Cyprus.....	b	KZP		
KYE	Cassandra.....	b			
KYF	Florence.....	b	KZQ		
KYG	.....		KZR		
KYH	Aloha.....	b	KZS		
KYI	Alvina.....	b			
			KZT		
KYJ	.....				
			KZU		
KYK	Kismet.....	b			
KYL	Lysistrata.....	b			
KYM	Columbia.....	b	KZV		
KYN	Niagara.....	b			
KYO	Noma.....	b	KZW		
KYP	Oneida.....	b			
			KZX		
KYQ	.....				
			KZY		
KYR	Karina.....	b			
KYS	Sea Otter.....	b	KZZ		
KYT	Vanadis.....	b			
KYU	Emeline.....	b	NAA	Arlington, Radio, Va.	c

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classification.	Call signal.	Name of station.	Classification.
NAB	Portland, Me.....	c	NBP	Ammen.....	b
NAC	Portsmouth, N. H. . . .	c	NBQ	.....	.....
NAD	Boston, Mass.....	c	NBR	Annapolis.....	b
NAE	Cape Cod, Mass.....	c	NBS	.....	.....
NAF	Newport, R. I.....	c	NBT	.....	.....
NAG	Fire Island, Long Island, N. Y.....	c	NBU	Buffalo.....	b
NAH	New York (Brook- lyn), N. Y.....	c	NBV	Arkansas.....	b
NAI	Philadelphia, Pa.....	c	NBW	.....	.....
NAJ	.....	.....	NBX	.....	.....
NAK	Annapolis, Md.....	c	NBY	.....	.....
NAL	Washington, D. C.....	c	NBZ	.....	.....
NAM	Norfolk, Va.....	c	NCA	.....	.....
NAN	Beaufort, N. C.....	c	NCB	.....	.....
NAO	Charleston, S. C.....	c	NCC	.....	.....
NAP	St. Augustine, Fla.....	c	NCD	.....	.....
NAQ	Jupiter, Fla.....	c	NCE	.....	.....
NAR	Key West, Fla.....	c	NCF	Bailey.....	b
NAS	Pensacola, Fla.....	c	NCG	.....	.....
NAT	New Orleans, La.....	c	NCH	Baltimore.....	b
NAU	San Juan, P. R.....	c	NCI-	.....	.....
NAV	.....	.....	NCJ	.....	.....
NAW	Guantanamo Bay, Cuba.....	c	NCK	.....	.....
NAX	Colon, Panama Canal Zone.....	c	NCL	Beale.....	b
NAY	Porto Bello, Republic of Panama.....	c	NCM	Birmingham.....	b
NAZ	.....	.....	NCN	.....	.....
NBA	.....	.....	NCO	.....	.....
NBB	.....	.....	NCP	.....	.....
NBC	.....	.....	NCQ	.....	.....
NBD	.....	.....	NCR	.....	.....
NBE	.....	.....	NCS	.....	.....
NBF	.....	.....	NCT	.....	.....
NBG	.....	.....	NCU	.....	.....
NBH	Ajax.....	b	NCV	Burrows.....	b
NBI	Alabama.....	b			
NBJ	Albany.....	b			
NBK	.....	.....			
NBL	Alert.....	b			
NBM	.....	.....			
NBN	.....	.....			
NBO	.....	.....			



## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classi- fica- tion.	Call signal.	Name of station.	Classi- fica- tion.
NCW	.....	.....	NEG	.....	.....
NCX	.....	.....	NEH	.....	.....
NCY	Caesar.....	b	NEI	.....	.....
NCZ	California.....	b	NEJ	.....	.....
NDA	Castine.....	b	NEK	Delaware.....	b
NDB	Celtic.....	b	NEL	.....	.....
NDC	.....	.....	NEM	Denver.....	b
NDD	.....	.....	NEN	Des Moines.....	b
NDE	.....	.....	NEO	.....	.....
NDF	.....	.....	NEP	Dixie.....	b
NDG	Chester.....	b	NEQ	Dolphin.....	b
NDH	Cheyenne.....	b	NER	.....	.....
NDI	Chicago.....	b	NES	.....	.....
NDJ	.....	.....	NET	Drayton.....	b
NDK	.....	.....	NEU	.....	.....
NDL	Cincinnati.....	b	NEV	.....	.....
NDM	Cleveland.....	b	NEW	.....	.....
NDN	Colorado.....	b	NEX	.....	.....
NDO	.....	.....	NEY	.....	.....
NDP	.....	.....	NEZ	.....	.....
NDQ	Connecticut.....	b	NFA	.....	.....
NDR	.....	.....	NFB	.....	.....
NDS	.....	.....	NFC	Eagle.....	b
NDT	.....	.....	NFD	Elcano.....	b
NDU	Culgoa.....	b	NFE	Charleston.....	b
NDV	.....	.....	NFF	.....	.....
NDW	.....	.....	NFG	.....	.....
NDX	.....	.....	NFH	.....	.....
NDY	Cyclops.....	b	NFI	.....	.....
NDZ	.....	.....	NFJ	.....	.....
NEA	.....	.....	NFK	.....	.....
NEB	.....	.....	NFL	.....	.....
NEC	.....	.....	NFM	Fanning.....	b
NED	.....	.....	NFN	.....	.....
NEE	.....	.....			
NEF	.....	.....			

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classification.	Call signal.	Name of station.	Classification.
NFO	.....	.....	NGW	.....	.....
NFP	.....	.....	NGX	Hector.....	b
NFQ	.....	.....	NGY	Helena.....	b
NFR	Florida.....	b	NGZ	.....	.....
NFS	Flusser.....	b	NHA	Henley.....	b
NFT	.....	.....	NHB	.....	.....
NFU	.....	.....	NHC	Hopkins.....	b
NFV	.....	.....	NHD	.....	.....
NFW	.....	.....	NHE	Hull.....	b
NFX	.....	.....	NHF	.....	.....
NFY	.....	.....	NHG	.....	.....
NFZ	.....	.....	NHH	.....	.....
NGA	.....	.....	NHI	.....	.....
NGB	.....	.....	NHJ	.....	.....
NGC	.....	.....	NHK	.....	.....
NGD	Galveston.....	b	NHL	.....	.....
NGE	.....	.....	NHM	.....	.....
NGF	Georgia.....	b	NHN	Idaho.....	b
NGG	.....	.....	NHO	Illinois.....	b
NGH	Glacier.....	b	NHP	.....	.....
NGI	Chattanooga.....	b	NHQ	Indiana.....	b
NGJ	Goldsborough.....	b	NHR	.....	.....
NGK	.....	.....	NHS	.....	.....
NGL	.....	.....	NHT	Iowa.....	b
NGM	.....	.....	NHU	Iris.....	b
NGN	.....	.....	NHV	Iroquois.....	b
NGO	.....	.....	NHW	.....	.....
NGP	.....	.....	NHX	.....	.....
NGQ	.....	.....	NHY	.....	.....
NGR	.....	.....	NHZ	.....	.....
NGS	.....	.....	NIA	.....	.....
NGT	.....	.....	NIB	Jarvis.....	b
NGU	Hannibal.....	b	NIC	.....	.....
NGV	.....	.....	NID	Jenkins.....	b
			NIE	Jouett.....	b
			NIF	.....	.....

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classi- fica- tion.	Call signal.	Name of station.	Classi- fica- tion.
NIG	.....		NJO	.....	
NIH	.....		NJP	.....	
NII	.....		NJQ	Marietta.....	b
NIJ	.....		NJR	Mars.....	b
NIK	.....		NJS	Maryland.....	b
NIL	.....		NJT	Massachusetts.....	b
NIM	.....		NJU	Mayrant.....	b
NIN	.....		NJV	Mayflower.....	b
NIO	Kansas.....	b	NJW	McCall.....	b
NIP	Kearsarge.....	b	NJX	.....	
NIQ	Kentucky.....	b	NJY	.....	
NIR	.....		NJZ	Michigan.....	b
NIS	.....		NKA	.....	
NIT	.....		NKB	.....	
NIU	.....		NKC	.....	
NIV	.....		NKD	Minnesota.....	b
NIW	Lamson.....	b	NKE	Mississippi.....	b
NIX	.....		NKF	Missouri.....	b
NIY	Lawrence.....	b	NKG	.....	
NIZ	Lebanon.....	b	NKH	.....	
NJA	.....		NKI	.....	
NJB	Louisiana.....	b	NKJ	Monadnock.....	b
NJC	.....		NKK	.....	
NJD	.....		NKL	Monaghan.....	b
NJE	.....		NKM	Montana.....	b
NJF	.....		NKN	Monterey.....	b
NJG	.....		NKO	Montgomery.....	b
NJH	Macdonough.....	b	NKP	.....	
NJI	.....		NKQ	.....	
NJJ	.....		NKR	.....	
NJK	.....		NKS	.....	
NJL	Maine.....	b	NKT	.....	
NJM	.....		NKU	.....	
NJN	.....		NKV	.....	
			NKW	.....	
			NKX	.....	
			NKY	Nashville.....	b
			NKZ	Navajo.....	b

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classi- fication.	Call signal.	Name of station.	Classi- fication.
NLA	Nantucket Shoals Lightship, off New- port, R. I.	c	NME	New Hampshire.....	b
NLB	Diamond Shoals Lightship, off Cape Hatteras, N. C.	c	NMF	New Jersey.....	b
NLC	Frying Pan Shoals, N. C.	c	NMG	New Orleans.....	b
NLD	.....	.....	NMH	.....	.....
NLE	.....	.....	NMI	.....	.....
NLF	.....	.....	NMJ	.....	.....
NLG	.....	.....	NMK	.....	.....
NLH	.....	.....	NML	.....	.....
NLI	.....	.....	NMM	.....	.....
NLJ	.....	.....	NMN	North Carolina.....	b
NLK	.....	.....	NMO	North Dakota.....	b
NLL	.....	.....	NMP	.....	.....
NLM	.....	.....	NMQ	.....	.....
NLN	.....	.....	NMR	.....	.....
NLO	.....	.....	NMS	Neptune.....	b
NLP	.....	.....	NMT	.....	.....
NLQ	.....	.....	NMU	.....	.....
NLR	.....	.....	NMV	.....	.....
NLS	.....	.....	NMW	Ohio.....	b
NLT	.....	.....	NMX	.....	.....
NLU	.....	.....	NMY	.....	.....
NLV	.....	.....	NMZ	Oregon.....	b
NLW	.....	.....	NNA	Brutus.....	b
NLX	.....	.....	NNB	.....	.....
NLY	.....	.....	NNC	.....	.....
NLZ	.....	.....	NND	.....	.....
NMA	Nebraska.....	b	NNE	.....	.....
NMB	Nero.....	b	NNF	.....	.....
NMC	.....	.....	NNG	.....	.....
NMD	.....	.....	NNH	.....	.....
			NNI	.....	.....
			NNJ	.....	.....
			NNK	Nanshan.....	b
			NNL	.....	.....

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classification.	Call signal.	Name of station.	Classification.	
NNM	.....	.....	NOV	.....	.....	
NNN	.....	.....	NOW	Peoria.....	b	
NNO	.....	.....	NOX	Perkins.....	b	
NNP	.....	.....	NOY	Perry.....	b	
NNQ	.....	.....	NOZ	Petrel.....	b	
NNR	.....	.....	NPA	Cordova, Alaska.....	c	
NNS	.....	.....	NPB	Sitka, Alaska.....	c	
NNT	.....	.....	NPC	Bremerton, Wash.....	c	
NNU	.....	.....	NPD	Tatoosh, Wash.....	c	
NNV	.....	.....	NPE	North Head, Wash.....	c	
NNW	.....	.....	NPF	Cape Blanco, Oreg.....	c	
NNX	.....	.....	NPG	.....	.....	
NNY	.....	.....	NPH	Mare Island, Cal.....	c	
NNZ	.....	.....	NPI	Farallons, Cal.....	c	
NOA	Osceola.....	b	NPJ	B a l b o a , Panama Canal Zone.	c	
NOB	Abarenda.....	b	NPK	Point Arguello, Cal... San Diego, Cal.....	c	
NOC	Orion.....	b	NPL	Honolulu, T. H.....	c	
NOD	.....	.....	NPM	Guam, Marianas (La- drones).	c	
NOE	.....	.....	NPN	NPO	Cavite, P. I.....	c
NOF	.....	.....	NPP	Peking, China.....	c	
NOG	Paducah.....	b	NPQ	St. Paul, Pribilof Islands, Alaska	c	
NOH	.....	.....	NPR	Dutch Harbor, Alaska	c	
NOI	.....	.....	NPS	Kodiak, Alaska.....	c	
NOJ	Panther.....	b	NPT	Olongapo, P. I.....	c	
NOK	Patterson.....	b	NPU	.....	.....	
NOL	Patapsco.....	b	NPV	Unalga, Alaska.....	c	
NOM	Patuxent.....	b	NPW	Eureka, Cal.....	c	
NON	Paulding.....	b	NPX	.....	.....	
NOO	.....	.....	NPY	St. George, Pribilof Islands, Alaska.	c	
NOQ	.....	.....	NPZ	.....	.....	
NOR	.....	.....	NQA	.....	.....	
NOS	.....	.....	NQB	.....	.....	
NOT	Pittsburgh.....	b	NQC	.....	.....	
NOU	.....	.....	NQD	.....	.....	
			NQE	.....	.....	
			NQF	Pompey.....	b	
			NQG	.....	.....	
			NQH	.....	.....	
			NQI	.....	.....	
			NQJ	.....	.....	

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classification.	Call signal.	Name of station.	Classification.
NQK	Potomac.....	b	NSD		
NQL			NSE		
NQM	Prairie.....	b	NSF		
NQN	Preble.....	b	NSG		
NQO	Preston.....	b	NSH		
NQP	Princeton.....	b	NSI		
NQQ			NSJ		
NQR	Prometheus.....	b	NSK		
NQS			NSL		
NQT			NSM		
NQU			NSN		
NQV			NSO		
NQW			NSP		
NQX			NSQ	Smith.....	b
NQY			NSR		
NQZ			NSS		
NRA	Algonquin.....	b	NST	Solace.....	b
NRB	Bear.....	b	NSU		
NRC	Morrill.....	b	NSV		
NRD	Androscoggin.....	b	NSW	South Carolina.....	b
NRE	Seneca.....	b	NSX	South Dakota.....	b
NRF	Snohomish.....	b	NSY		
NRG	Gresham.....	b	NSZ		
NRH	McCulloch.....	b	NTA	Ontario.....	b
NRI	Itasca.....	b	NTB	Sterrett.....	b
NRJ	Woodbury.....	b	NTC	Stewart.....	b
NRK	Tahoma.....	b	NTD	Rainbow.....	b
NRL	Tuscarora.....	b	NTE	Raleigh.....	b
NRM	Mohawk.....	b	NTF	St. Louis.....	b
NRN	Manning.....	b	NTG	Sonoma.....	b
NRO	Onondaga.....	b	NTH		
NRP	Apache.....	b	NTI	Stringham.....	b
NRQ	Miami.....	b	NTJ		
NRR	Pamlico.....	b	NTK	Supply.....	b
NRS	Seminole.....	b	NTL	Sylph.....	b
NRT	Thetis.....	b	NTM		
NRU	Acushnet.....	b			
NRV	Winona.....	b			
NRW	Windom.....	b			
NRX	Unalga.....	b			
NRZ	Yamacraw.....	b			
NSA					
NSB					
NSC					

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classi- fica- tion.	Call signal.	Name of station.	Classi- fica- tion.
NTN	.....	.....	NUW	.....	.....
NTO	.....	.....	NUX	.....	.....
NTP	Salem.....	b	NUY	.....	.....
NTQ	San Francisco.....	b	NUZ	.....	.....
NTR	Saratoga.....	b	NVA	.....	.....
NTS	.....	.....	NVB	.....	.....
NTT	Scorpion.....	b	NVC	.....	.....
NTU	Reid.....	b	NVD	.....	.....
NTV	.....	.....	NVE	Utah.....	b
NTW	.....	.....	NVF	.....	.....
NTX	Rhode Island.....	b	NVG	.....	.....
NTY	.....	.....	NVH	.....	.....
NTZ	Roe.....	b	NVI	.....	.....
NUA	Tacoma.....	b	NVJ	.....	.....
NUB	.....	.....	NVK	Vermont.....	b
NUC	Tallahassee.....	b	NVL	.....	.....
NUD	.....	.....	NVM	Vesuvius.....	b
NUE	.....	.....	NVN	Vicksburg.....	b
NUF	.....	.....	NVO	.....	.....
NUG	Tennessee.....	b	NVP	Villalobos.....	b
NUH	.....	.....	NVQ	.....	.....
NUI	Terry.....	b	NVR	Virginia.....	b
NUJ	.....	.....	NVS	.....	.....
NUK	.....	.....	NVT	Vulcan.....	b
NUL	.....	.....	NVU	.....	.....
NUM	.....	.....	NVV	.....	.....
NUN	Tonopah.....	b	NVW	.....	.....
NUO	.....	.....	NVX	.....	.....
NUP	.....	.....	NVY	.....	.....
NUQ	Trippe.....	b	NVZ	.....	.....
NUR	.....	.....	NWA	.....	.....
NUS	Truxton.....	b	NWB	.....	.....
NUT	.....	.....	NWC	.....	.....
NUU	.....	.....			
NUV	.....	.....			

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classi- fica- tion.	Call signal.	Name of station.	Classi- fica- tion.
NWD	Warrington.....	b	NXL	.....	
NWE	Washington.....	b	NXM	.....	
NWF	.....		NXN	.....	
NWG	West Virginia.....	b	NXO	.....	
NWH	Wheeling.....	b	NXP	.....	
NWI	Whipple.....	b	NXQ	.....	
NWJ	.....		NXR	.....	
NWK	Wilmington.....	b	NXS	E-1.....	b
NWL	Walke.....	b	NXT	E-2.....	b
NWM	Wisconsin.....	b	NXU	.....	
NWN	.....		NXV	.....	
NWO	.....		NXW	.....	
NWP	.....		NXX	.....	
NWQ	Wyoming.....	b	NXY	.....	
NWR	.....		NXZ	.....	
NWS	.....		NYA	.....	
NWT	.....		NYB	.....	
NWU	.....		NYC	.....	
NWV	.....		NYD	.....	
NWW	.....		NYE	.....	
NWX	.....		NYF	.....	
NWY	.....		NYG	.....	
NWZ	.....		NYH	.....	
NXA	.....		NYI	.....	
NXB	.....		NYJ	.....	
NXC	.....		NYK	.....	
NXD	.....		NYL	.....	
NXE	.....		NYM	.....	
NXF	.....		NYN	.....	
NXG	.....		NYO	.....	
NXH	.....		NYP	.....	
NXI	.....				
NXJ	.....				
NXK	.....				



## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classi- fica- tion.	Call signal.	Name of station.	Classi- fica- tion.
NYQ	.....	.....	NZV	.....	.....
NYR	.....	.....	NZW	.....	.....
NYS	.....	.....	NZX	.....	.....
NYT	.....	.....	NZY	.....	.....
NYU	.....	.....	NZZ	.....	.....
NYV	.....	.....	WAA	Alameda.....	b
NYW	.....	.....	WAB	Buckman.....	b
NYX	.....	.....	WAC	Chicago.....	b
NYZ	.....	.....	WAD	Victoria.....	b
NYA	.....	.....	WAE	Edith.....	b
NYB	.....	.....	WAF	Admiral Farragut.....	b
NYC	.....	.....	WAG	.....	.....
NYD	.....	.....	WAH	Dora.....	b
NYE	.....	.....	WAI	Latouche.....	b
NYF	.....	.....	WAJ	Jefferson.....	b
NYG	.....	.....	WAK	.....	.....
NYH	.....	.....	WAL	Santa Ana.....	b
NYI	.....	.....	WAM	.....	.....
NYJ	.....	.....	WAN	Northwestern.....	b
NYK	.....	.....	WAO	Dirigo.....	b
NYL	.....	.....	WAP	.....	.....
NYM	.....	.....	WAQ	.....	.....
NYN	.....	.....	WAR	Cordova.....	b
NYO	.....	.....	WAS	Admiral Sampson.....	b
NYP	.....	.....	WAT	.....	.....
NYQ	.....	.....	WAU	Dolphin.....	b
NYR	.....	.....	WAV	Seward.....	b
NYS	.....	.....	WAW	Watson.....	b
NYT	.....	.....	WAX	Atlantic City, N. J.....	c
NYU	.....	.....	WAY	.....	.....
NYV	.....	.....	WAZ	.....	.....
NYW	.....	.....	WBA	.....	.....
NYX	.....	.....	WBB	.....	.....
NYZ	.....	.....	WBC	.....	.....
NYA	.....	.....	WBD	Santa Cruz.....	b
NYB	.....	.....	WBE	.....	.....
NYC	.....	.....	WBF	Boston, Mass.....	c
NYD	.....	.....	WBG	Iroquois.....	b
NYE	.....	.....	WBH	Chippewa.....	b
NYF	.....	.....	WBI	.....	.....

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classi- fica- tion.	Call signal.	Name of station.	Classi- fica- tion.
WBJ	.....	.....	WCW	.....	.....
WBK	Breakwater.....	b	WCX	Cleveland, Ohio.....	c
WBL	Buffalo, N. Y.....	c	WCY	Cape May, N. J.....	c
WBM	Redondo.....	b	WCZ	Illinois.....	b
WBN	Benton Harbor, Mich.....	c	WDA	Pere Marquette.....	b
WBO	Nann Smith.....	b	WDB	Pere Marquette 19....	b
WBP	Hermosa.....	b	WDC	Pere Marquette 17....	b
WBQ	Yukon.....	b	WDD	Pere Marquette 18....	b
WBR	Bertha.....	b	WDE	Pere Marquette 20....	b
WBS	Baltimore, Md.....	c	WDF	.....	.....
WBT	.....	.....	WDG	.....	.....
WBU	.....	.....	WDH	.....	.....
WBV	Cabrillo.....	b	WDI	City of South Haven..	b
WBW	.....	.....	WDJ	.....	.....
WBX	.....	.....	WDK	.....	.....
WBY	.....	.....	WDL	Lakeland.....	b
WBZ	Glory of the Seas.....	b	WDM	Duluth, Minn.....	c
WCA	Tionesta.....	b	WDN	Ann Arbor No. 3.....	b
WCB	Juniata.....	b	WDO	Ann Arbor No. 4.....	b
WCC	South Wellfleet, Mass.....	c	WDP	Ann Arbor No. 5.....	b
WCD	Octorara.....	b	WDQ	.....	.....
WCE	.....	.....	WDR	Detroit, Mich.....	c
WCF	.....	.....	WDS	City of Grand Rapids..	b
WCG	Brooklyn, N. Y.....	c	WDT	City of Chicago.....	b
WCH	Boston, Mass.....	c	WDU	Puritan.....	b
WCI	.....	.....	WDV	City of Benton Harbor	b
WCJ	.....	.....	WDW	Holland.....	b
WCK	.....	.....	WDX	.....	.....
WCL	.....	.....	WDY	Lydonia.....	b
WCM	Calumet, Mich.....	c	WDZ	.....	.....
WCN	North Land.....	b	WEA	City of Cleveland III..	b
WCO	.....	.....	WEB	City of Mackinac II..	b
WCP	.....	.....	WEC	City of Detroit II....	b
WCQ	.....	.....	WED	Western States.....	b
WCR	.....	.....	WEE	Eastern States.....	b
WCS	.....	.....	WEF	City of Detroit III....	b
WCT	Theodore Roosevelt..	b	WEG	City of St. Ignace....	b
WCU	.....	.....	WEH	City of Alpina II....	b
WCV	.....	.....	WEI	.....	.....
			WEJ	Nyack.....	b
			WEK	Minnesota.....	b
			WEL	E. G. Crosby.....	b
			WEM	.....	.....
			WEN	North American.....	b
			WEO	.....	.....

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued

Call signal.	Name of station.	Classi- fica- tion.	Call signal.	Name of station.	Classi- fica- tion.
WEP	El Paso, Texas.....	c	WGG	.....	
WEQ	Col. James M. Schoon- maker.	b	WGH	Grand Haven, Mich..	c
WER	William P. Snyder. . .	b	WGI	.....	
WES	William P. Snyder, Jr.	b	WGJ	.....	
WET	Shenango.....	b	WGK	Curaçao.....	b
WEU	Wilpen.....	b	WGL	State of California.....	b
WEV	.....		WGM	Grand Marais, Minn..	c
WEW	Marquette & Besse- mer No. 1.	b	WGN	Santa Rosa.....	b
WEX	Marquette & Besse- mer No. 2.	b	WGO	Chicago, Ill.....	c
WEY	Alvina.....	b	WGP	President.....	b
WEZ	Ashtabula.....	b	WGQ	City of Puebla.....	b
WFA	Georgia.....	b	WGR	Governor.....	b
WFB	Alabama.....	b	WGS	Senator.....	b
WFC	Indiana.....	b	WGT	Congress.....	b
WFD	Iowa.....	b	WGU	Umatilla.....	b
WFE	Carolina.....	b	WGV	Galveston, Texas....	c
WFF	Fort Worth, Texas....	c	WGW	Grand Island, La....	c
WFG	Arizona.....	b	WGX	Queen.....	b
WFH	Virginia.....	b	WGY	City of Topeka.....	b
WFI	Chicago.....	b	WGZ	Guardian.....	b
WFJ	Christopher Colum- bus.	b	WHA	Cape Hatteras (Bux- ton), N. C.	c
WFK	Frankfort, Mich.....	c	WHB	New York, N. Y.....	c
WFL	.....		WHC	Columbia.....	b
WFM	Fort Morgan, Ala....	c	WHD	.....	
WFN	Eastland.....	b	WHE	Philadelphia, Pa....	c
WFO	.....		WHF	.....	
WFP	City of Erie.....	b	WHG	W. B. Flint.....	b
WFQ	City of Buffalo.....	b	WHH	St. Francis.....	b
WFR	State of Ohio.....	b	WHI	New York, N. Y.....	c
WFS	Secandbee.....	b	WHJ	Sierra.....	b
WFT	.....		WHK	New Orleans, La....	c
WFU	.....		WHL	Ventura.....	b
WFV	.....		WHM	Sonoma.....	b
WFW	Manitou.....	b	WHN	Hanalei.....	b
WFX	Missouri.....	b	WHO	.....	
WFY	.....		WHP	Mariposa.....	b
WFZ	.....		WHQ	Mackinac Island, Mich.	c
WGA	City of Seattle.....	b	WHR	.....	
WGB	.....		WHS	Adeline Smith.....	b
WGC	.....		WHT	Whittier.....	b
WGD	Delhi.....	b	WHU	.....	
WGE	Spokane.....	b	WHV	.....	
WGF	.....		WHW	Mackinaw.....	b
			WHX	Humboldt.....	b
			WHY	.....	

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classi- fica- tion.	Call signal.	Name of station.	Classi- fica- tion.
WHZ	.....		WJD	.....	
WIA	.....		WJE	.....	
WIB	.....		WJF	.....	
WIC	.....		WJG	.....	
WID	.....		WJH	.....	
WIE	.....		WJI	.....	
WIF	.....		WJJ	.....	
WIG	.....		WJK	.....	
WIH	.....		WJL	.....	
WII	.....		WJM	.....	
WIJ	.....		WJN	.....	
WIK	.....		WJO	.....	
WIL	.....		WJP	.....	
WIM	.....		WJQ	.....	
WIN	.....		WJR	.....	
WIO	.....		WJS	.....	
WIP	.....		WJT	.....	
WIQ	.....		WJU	.....	
WIR	.....		WJV	.....	
WIS	.....		WJW	.....	
WIT	.....		WJX	Jacksonville, Fla. ....	c
WIU	.....		WJY	.....	
WIV	.....		WJZ	.....	
WIW	.....		WKA	.....	
WIX	.....		WKB	.....	
WIY	.....		WKC	.....	
WIZ	.....		WKD	Dakotan.....	b
WJA	.....		WKE	.....	
WJB	.....		WKF	.....	
WJC	.....		WKG	Georgian.....	b
			WKH	Honolulan.....	b

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued

Call signal.	Name of station.	Classi- fica- tion.	Call signal.	Name of station.	Classi- fica- tion.
WKI	.....		WLP	.....	
WKJ	.....		WLQ	.....	
WKK	Kansan.....	b	WLR	.....	
WKL	.....		WLS	.....	
WKM	Minnesotan.....	b	WLT	.....	
WKN	Montanan.....	b	WLU	.....	
WKO	.....		WLV	.....	
WKP	.....		WLW	.....	
WKQ	.....		WLX	.....	
WKR	.....		WLY	.....	
WKS	.....		WLZ	.....	
WKT	.....		WMA	Multnomah.....	b
WKU	.....		WMB	Mobile, Ala.....	c
WKV	.....		WMC	William Chatham.....	b
WKW	.....		WMD	Mary Dodge.....	b
WKX	.....		WME	Milwaukee, Wis.....	c
WKY	.....		WMF	.....	
WKZ	.....		WMG	.....	
WLA	.....		WMH	.....	
WLB	.....		WMI	Minnesota.....	b
WLC	New London, Conn..	c	WMJ	.....	
WLD	Ludington, Mich.....	c	WMK	Hyades.....	b
WLE	.....		WML	Lurline.....	b
WLF	.....		WMM	Hilonian.....	b
WLG	.....		WMN	Enterprise.....	b
WLH	.....		WMO	Wilhelmina.....	b
WLI	.....		WMP	.....	
WLJ	.....		WMQ	.....	
WLK	.....		WMR	.....	
WLL	.....		WMS	.....	
WLM	.....		WMT	General Hubbard.....	b
WLN	Newton, Mass.....	c	WMU	.....	
WLO	.....		WMV	.....	
			WMW	Manitowoc, Wis.....	c
			WMX	Manistique, Mich.....	c
			WMY	Yucatan.....	b
			WMZ	.....	

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classification.	Call signal.	Name of station.	Classification.
WNA	.....	.....	WOO	.....	.....
WNB	Oliver J. Olson.....	b	WOP	.....	.....
WNC	Carlos.....	b	WOQ	.....	.....
WND	Windber.....	b	WOR	.....	.....
WNE	Nuuhagak.....	b	WOS	.....	.....
WNF	Lyra.....	b	WOT	.....	.....
WNG	George W. Fenwick..	b	WOU	.....	.....
WNH	Lewis Luckenbach...	b	WOV	Venetia.....	b
WNI	Leelanaw.....	b	WOW	.....	.....
WNJ	Navajo.....	b	WOX	.....	.....
WNK	Al-ki.....	b	WOY	.....	.....
WNL	Diamond Head.....	b	WOZ	.....	.....
WNM	.....	.....	WPA	Santa Cruz.....	b
WNN	Corwin.....	b	WPB	Tyee Junior.....	b
WNO	A. G. Lindsay.....	b	WPC	Tyee.....	b
WNP	Pleiades.....	b	WPD	Tampa, Fla.....	c
WNQ	.....	.....	WPE	Tatoosh.....	b
WNR	Rochelle.....	b	WPF	.....	.....
WNS	Kvichak.....	b	WPG	Goliath.....	b
WNT	New York, N. Y.....	c	WPH	.....	.....
WNU	.....	.....	WPI	.....	.....
WNV	Portland.....	b	WPJ	.....	.....
WNW	San Ramon.....	b	WPK	Kingfisher.....	b
WNX	Northland.....	b	WPL	.....	.....
WNY	St. Helens.....	b	WPM	.....	.....
WNZ	Vanguard.....	b	WPN	Pioneer.....	b
WOA	.....	.....	WPO	.....	.....
WOB	.....	.....	WPP	.....	.....
WOC	.....	.....	WPQ	Zapora.....	b
WOD	.....	.....	WPR	Ensanada, Porto Rico.	c
WOE	.....	.....	WPS	Starr.....	b
WOF	.....	.....	WPT	.....	.....
WOG	.....	.....	WPU	.....	.....
WOH	.....	.....	WPV	.....	.....
WOI	.....	.....	WPW	Columbia.....	b
WOJ	.....	.....	WPX	Oneonta.....	b
WOK	.....	.....			
WOL	.....	.....			
WOM	.....	.....			
WON	.....	.....			

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classification.	Call signal.	Name of station.	Classification.
WPY	Wallula.....	b	WRG	.....	
WPZ	Joseph Pulitzer.....	b	WRH	Harvard.....	b
WQA	.....		WR1	Paraiso.....	b
WQB	.....		WRJ	Aroline.....	b
WQC	Camino.....	b	WRK	Falcon.....	b
WQD	.....		WRL	.....	
WQE	Edgar H. Vance.....	b	WRM	Riverside.....	b
WQF	.....		WRN	Nome City.....	b
WQG	Greenwood.....	b	WRO	Isle Royal, Mich.....	c
WQH	.....		WRP	.....	
WQI	.....		WRQ	.....	
WQJ	.....		WRR	Roanoke.....	b
WQK	.....		WRS	Santa Clara.....	b
WQL	.....		WRT	George W. Elder.....	b
WQM	.....		WRU	Port Arthur, Tex.....	c
WQN	.....		WRV	Alliance.....	b
WQO	.....		WRW	F. A. Kilburn.....	b
WQP	.....		WRX	.....	
WQQ	.....		WRY	Yale.....	b
WQR	.....		WRZ	.....	
WQS	Speedwell.....	b	WSA	Ashtabula, Ohio.....	c
WQT	.....		WSB	Francis H. Leggett... ..	c
WQU	.....		WSC	Siasconset, Mass.....	b
WQV	.....		WSD	Stanley Dollar.....	b
WQW	.....		WSE	Seagate, N. Y.....	c
WQX	.....		WSF	Grace Dollar.....	b
WQY	Yosemite.....	b	WSG	Norwood.....	b
WQZ	.....		WSH	Chehalis.....	b
WRA	Henry T. Scott.....	b	WSI	Sault Ste. Marie, Mich.....	c
WRB	Berlin.....	b	WSJ	John A. Hooper.....	b
WRC	J. B. Stetson.....	b	WSK	Sagaponack, N. Y.....	c
WRD	.....		WSL	Sayville, Long Island, N. Y.....	c
WRE	.....		WSM	.....	
WRF	Fifield.....	b	WSN	Centralia.....	b
			WSO	Coronado.....	b
			WSP	.....	
			WSQ	.....	
			WSR	Reuce.....	b
			WSS	St. Nicholas.....	b
			WST	.....	
			WSU	.....	
			WSV	Savannah, Ga.....	c
			WSW	Willamette.....	b
			WSX	Klamath.....	b
			WSY	Virginia Beach, Va.....	c

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classi- fica- tion.	Call signal.	Name of station.	Classi- fica- tion.
WSZ	Merced.....	b	WUT	.....	
WTA	Erskine M. Phelps....	b	WUU	.....	
WTB	Argyll.....	b	WUV	Fort Leavenworth, Kans.	c
WTC	Lansing.....	b	WUW	.....	
WTD	Oleum.....	b	WUX	.....	
WTE	Roma.....	b	WUY	.....	
WTF	Santa Maria.....	b	WUZ	.....	
WTG	Santa Rita.....	b	WVA	Circle City, Alaska...	c
WTH	Washtenaw.....	b	WVB	Fairbanks, Alaska...	c
WTI	Catania.....	b	WVC	Fort Egbert, Alaska...	c
WTJ	.....		WVD	Fort Gibbon, Alaska...	c
WTK	J. A. Chanslor.....	b	WVE	Fort St. Michael, Alaska.	c
WTL	.....		WVF	Kotlik, Alaska.....	c
WTM	W. S. Porter.....	b	WVG	Nome, Alaska.....	c
WTN	Wm. F. Herrin.....	b	WVH	Nulato, Alaska.....	c
WTO	.....		WVI	Petersburg, Alaska...	c
WTP	.....		WVJ	Wrangell, Alaska...	c
WTQ	.....		WVK	.....	
WTR	Richmond.....	b	WVL	Fort Frank, P. I.....	c
WTS	Col. E. L. Drake.....	b	WVM	Fort Hughes, P. I.....	c
WTT	Atlas.....	b	WVN	Corregidor Island, P. I.	c
WTU	S. O. Co. No. 91.....	b	WVO	Davao, P. I.....	c
WTV	Captain A. F. Lucas...	b	WVP	Fort Drum, P. I.....	c
WTW	Maverick.....	b	WVQ	Fort McKinley, P. I...	c
WTX	Asuncion.....	b	WVR	Fort Wint, P. I.....	c
WTY	S. O. Co. No. 93.....	b	WVS	Jolo, P. I.....	c
WUZ	S. O. Co. No. 95.....	b	WVT	Malabang, P. I.....	c
WUA	Fort Andrews, Mass...	c	WVU	Manila, P. I.....	c
WUB	Fort Hancock, N. J....	c	WVV	Puerto Princesa, P. I.	c
WUC	Fort H. G. Wright, New York, N. Y.	c	WVW	Zamboanga, P. I.....	c
WUD	Fort Leavenworth, Kans.	c	WVX	Cuyo, P. I.....	c
WUE	Fort Lovett, Me.....	c	WVY	San Jose, P. I.....	c
WUF	Fort Monroe, Va.....	c	WVZ	.....	
WUG	Fort Monroe, Va.....	c	WVA	China.....	b
WUH	Fort Omaha, Nebr....	c	WVB	Beaver.....	b
WUI	Fort Riley, Kans.....	c	WVC	.....	
WUJ	Fort Sam Houston, Tex.	c	WVD	Bear.....	b
WUK	Fort Stevens, Oreg...	c	WVE	Manchuria.....	b
WUL	Fort Totten, N. Y....	c	WVF	City of Para.....	b
WUM	Fort Wood, N. Y.....	c	WVG	City of Sydney.....	b
WUN	Fort Worden, Wash...	c	WVH	Newport.....	b
WUO	Fort Winfield Scott, Cal.	c	WVI	Pennsylvania.....	b
WUP	Washington, D. C....	c	WVJ	Peru.....	b
WUQ	Washington, D. C....	c	WVK	Korea.....	b
WUR	.....		WVL	San Jose.....	b
WUS	.....		WVM	San Juan.....	b
			WVN	Mongolia.....	b



## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Name of station.	Classi- fica- tion.	Call signal.	Name of station.	Classi- fica- tion.
WWO	Acapulco.....	b	WYD	.....	.....
WWP	City of Panama.....	b	WYE	.....	.....
WWQ	Aztec.....	b	WYF	.....	.....
WWR	Rose City.....	b	WYG	.....	.....
WWS	Kansas City.....	b	WYH	General Robert An- derson.	b
WWT	.....	.....	WYI	Captain Chas. W. Rowell.	b
WWU	Siberia.....	b	WYJ	General A. M. Randol.	b
WWV	.....	.....	WYK	General Harvey Brown.	b
WWW	.....	.....	WYL	General R. B. Ayres..	b
WWX	.....	.....	WYM	James Fornance.....	b
WWY	.....	.....	WYN	Reno.....	b
WWZ	.....	.....	WYO	Major Thomas.....	b
WXA	Buford.....	b	WYP	Captain Barrett.....	b
WXB	Crook.....	b	WYQ	.....	.....
WXC	Dix.....	b	WYR	.....	.....
WXD	Kilpatrick.....	b	WYS	.....	.....
WXE	Liscum.....	b	WYT	.....	.....
WXF	Logan.....	b	WYU	.....	.....
WXG	Meade.....	b	WYV	.....	.....
WXH	McClellan.....	b	WYW	.....	.....
WXI	Merritt.....	b	WYX	.....	.....
WXJ	Sheridan.....	b	WYY	.....	.....
WXK	Sherman.....	b	WYZ	.....	.....
WXL	Sumner.....	b	WZA	.....	.....
WXM	Thomas.....	b	WZB	.....	.....
WXN	Warren.....	b	WZC	.....	.....
WXO	.....	.....	WZD	.....	.....
WXP	.....	.....	WZE	.....	.....
WXQ	.....	.....	WZF	.....	.....
WXR	Burnside.....	b	WZG	De Russey, T. H.....	c
WXS	Cyrus W. Field.....	b	WZH	.....	.....
WXT	Joseph Henry.....	b	WZI	.....	.....
WXU	.....	.....	WZJ	.....	.....
WXV	.....	.....	.....	.....	.....
WXW	.....	.....	.....	.....	.....
WXX	.....	.....	.....	.....	.....
WXY	.....	.....	.....	.....	.....
WXZ	.....	.....	.....	.....	.....
WYA	.....	.....	.....	.....	.....
WYB	.....	.....	.....	.....	.....
WYC	.....	.....	.....	.....	.....

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—(Continued.)

Call signal.	Name of station.	Classi- fica- tion.	Call signal.	Name of station.	Classi- fica- tion.
WZK	.....	.....	WZS	.....	.....
WZL	.....	.....	WZT	.....	.....
WZM	.....	.....	WZU	.....	.....
WZN	.....	.....	WZV	.....	.....
WZO	.....	.....	WZW	.....	.....
WZP	.....	.....	WZX	.....	.....
WZQ	.....	.....	WZY	.....	.....
WZR	.....	.....	WZZ	.....	.....

**SPECIAL STATIONS.<sup>1</sup>**

[This list consists of stations of the experimental, technical and training school, and special amateur grades.]

1XA	Amesbury, Mass.....	c	4XG	Atlanta, Ga.....	c
1XB	Boston, Mass.....	c	6XR	Berkeley, Cal.....	c
1XP	Cambridge, Mass.....	c	6YL	Los Angeles, Cal.....	c
1YH	Cambridge, Mass.....	c	8XA	Ann Arbor, Mich.....	c
2YN	New York, N. Y.....	c	8YD	Detroit, Mich.....	c
2ZH	Nutley, N. J.....	c	9XB	Beloit, Wis.....	c
3XC	Philadelphia, Pa.....	c	9YC	St. Louis, Mo.....	c
3XJ	Philadelphia, Pa.....	c	9YI	Ames, Iowa.....	c
3XR	Hyattsville, Md.....	c	9YN	Grand Forks, N. Dak.	c
3ZS	St. Davids, Pa.....	c			

<sup>1</sup>See Introduction, page 8.

## PART II.

### AMATEUR RADIO STATIONS.

#### FIRST DISTRICT.

Headquarters: Customhouse, barge office, Long Wharf, Boston, Mass. The first district comprises the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.]

ALPHABETICALLY BY OWNERS OF STATIONS.

Call signal.	Owner of station.	Location of station.	Power. <i>Watts.</i>
1HL	Affel, Herman A.....	45 St. Botolph St., Boston, Mass.....	100
1GM	Allen, J. Wyman.....	236 Hale St., Beverly, Mass.....	25
1HA	Allison, William H.....	37 Plantation St., Worcester, Mass.....	500
1KJ	Anderson, Arvid E.....	Shore St., Falmouth, Mass.....	100
1HT	Anderson, James H.....	132 White St., Belmont, Mass.....	100
1UJ	Ashworth, Harry.....	34 Heath St., Providence, R. I.....	100
1CO	Atkins, Harry C.....	57 Pine St., Franklin, N. H.....	100
1UI	Bailey, William M.....	57 Brownell St., Providence, R. I.....	100
1IT	Barnes, Irving T.....	377 Main St., Waltham, Mass.....	100
1WB	Barnum, Roland B.....	250 Sherman Ave., New Haven, Conn...	500
1WJ	Barrett, John H.....	64 Lafayette Pl., Greenwich, Conn.....	100
1UQ	Barth, Karl E.....	229 Washington Ave., Providence, R. I..	1, 000
1IY	Baxter, Horace M.....	160 Foster St., Brighton, Mass.....	100
1VL	Belknap, Edward L.....	91 Vine St., Hartford, Conn.....	100
1HY	Bennett, Lawrence S...	2 Lawrence St., Everett, Mass.....	500
1IE	Bennett, William F., jr.	24 Spring St., Somerville, Mass.....	100
1GU	Bernardin, L. A.....	456 Haverhill St., Lawrence, Mass.....	750
1GH	Bibber, Harold.....	31 Beacon St., Gloucester, Mass.....	100
1UL	Bigelow, Clinton A.....	96 Whittier Ave., Providence, R. I.....	100
1UG	Bigelow, Fred C., jr.....	128 Main St., Lincoln, R. I. (P. O., Man- ville).	1, 000
1GB	Blount, Henry G.....	Hamilton, Mass.....	539
1KO	Bowen, Harold C.....	168 Belmont St., Fall River, Mass.....	250
1HQ	Broadley, Harry R.....	44 Wenham St., Boston, Mass.....	100

AMATEUR RADIO STATIONS—FIRST DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
1AI	Brown, Olin C.....	23 Ledgeawn Ave., Bar Harbor, Me.....	1, 000
1AB	Brown, Philip T.....	36 Taylor St., Portland, Me.....	500
1JN	Bruce, Arthur O.....	30 York St., Cambridge, Mass.....	500
1UX	Budlong, Clifton O.....	73 Rear Fort Ave., Cranston, R. I.....	100
1WS	Buffett, Salathiel.....	Quarry Ave., Saybrook, Conn.....	100
1HB	Burgess, Warren B.....	62 Fruit St., Worcester, Mass.....	100
1HI	Burke, Alan W.....	40 Pollock Ave., Pittsfield, Mass.....	100
1GL	Bush, Arthur W.....	80 Tower Hill St., Lawrence, Mass.....	1, 000
1AM	Butler, Guy W.....	56 Center St., Oldtown, Me.....	250
1HD	Canfield, Donald T.....	1-34 R. F. D., Westboro, Mass.....	100
1BO	Canty, William R.....	36 Lincoln Ave., Rutland, Vt.....	500
1JT	Carlson, Arthur G.....	19 Mechanic St., North Easton, Mass.....	500
1GC	Chadwick, Gilbert L....	19 Eleventh Ave., Haverhill, Mass.....	100
1CW	Chase, Robert McC.....	25 Russell St., Plymouth, N. H.....	1, 000
1HC	Cheetham, Harry R.....	81 Avon St., Somerville, Mass.....	45
1JM	Cheever, Walter G.....	6 Aldersay St., Somerville, Mass.....	100
1IU	Church, Arthur E.....	3 Wellington Terrace, Brookline, Mass...	100
1HG	Cogswell, George R.....	18 Garden St., Cambridge, Mass.....	250
1JD	Collins, Lovejoy.....	44 Carver Road, Newton Highlands, Mass	100
1CP	Conrad, Philip W.....	172 Elm St., Keene, N. H.....	250
1BM	Coppe, John L.....	138 South Main St., Rutland, Vt.....	100
1UC	Creaser, Isaiah.....	22 Bond St., Providence, R. I.....	1, 000
1HP	Cromack, N. G. N.....	8 Elm Lawn St., Dorchester, Mass.....	100
1WP	Cummings, Edward H..	Warwick, R. I.....	300
1JU	Dane, Francis W.....	Main St., Hamilton, Mass.....	500
1GJ	Daniels, Richard M....	25 Outlook Rd., Swampscott, Mass.....	500
1KD	David, Harold E.....	21A Belchertown Rd., Amherst, Mass....	100
1WZ	Davis, Maurice E.....	217 Dover St., New Haven, Conn.....	100
1JP	Decker, Clarence.....	Cottage St., Great Barrington, Mass.....	250
1JR	Delano, Edward C.....	64 School St., Fall River, Mass.....	500
1KE	De Mello, Edward.....	93 Sidney St., New Bedford, Mass.....	250

## AMATEUR RADIO STATIONS—FIRST DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. <i>Watts.</i>
1HK	Denison, Horace W. . . . .	60 Garland St., Chelsea, Mass. . . . .	500
1BC	Dimick, Leon R. . . . .	27 Cliff St., St. Johnsbury, Vt. . . . .	100
1JA	Dimond, Fred A., jr. . . . .	4 Purchase St., East Carver, Mass. . . . .	100
1UR	Doherty, James E. . . . .	22 Orms St., Providence, R. I. . . . .	100
1UD	Donle, Harold P. . . . .	18 Observatory Ave., Providence, R. I. . . . .	300
1KH	Doten, H. B. . . . .	7 South St., Plymouth, Mass. . . . .	1,000
1UO	Doyle, John B. . . . .	306 Thurber Ave., Providence, R. I. . . . .	100
1HZ	Duncan, Harrie E. . . . .	34 Foster St., Newtonville, Mass. . . . .	250
1KL	Edson, Allan W. . . . .	167 Pleasant St., Whitman, Mass. . . . .	100
1WN	Edwin Bancroft Foote Boys' Club.	Chapel St., New Haven, Conn. . . . .	1,000
1HR	Elliott, Thomas H., jr. . . . .	41 Brighton Rd., Brookline, Mass. . . . .	200
1GO	Estey, F. Clifford . . . . .	3 Goodell St., Salem, Mass. . . . .	250
1IF	Eveleth, Harlan A. . . . .	72 Gray St., Arlington, Mass. . . . .	1,000
1AJ	Fabbri, Alessandro. . . . .	Eden St., Bar Harbor, Me. . . . .	1,000
1JC	Fairbanks, Robert D. . . . .	21 Carver Rd., Newton Highlands, Mass. . . . .	100
1IJ	Fassitt, Andrew J., jr. . . . .	27 Walden St., Cambridge, Mass. . . . .	250
1BA	Fitts, Harold W. . . . .	2 Park St., Barre, Vt. . . . .	100
1HN	Flood, J. F. J. . . . .	160 D St., South Boston, Mass. . . . .	250
1GF	Fowler, F. M. . . . .	16 Shore Ave., Salem, Mass. . . . .	500
1JK	Franke, Alfred A. . . . .	15 Orchard St., Boston, Mass. . . . .	100
1IH	Fuller, Clarence C. . . . .	50 Hight St., Mansfield, Mass. . . . .	100
1JL	Gahm, Sebastian, jr. . . . .	113 Sheridan St., Jamaica Plain, Boston, Mass.	100
1HF	Gardner, Chester R. . . . .	11 Spring Hill Ter., Somerville, Mass. . . . .	100
1VN	Green, Louis. . . . .	126 Central Ave., Waterbury, Conn. . . . .	100
1GV	Gavill, Wilbur W. . . . .	Main St., West Chelmsford, Mass. . . . .	100
1GW	Haddock, Charles C. . . . .	57 Lathrop St., Beverly, Mass. . . . .	250
1HM	Hammett, Herbert M. . . . .	4 Blue Hill Ave., Roxbury, Mass. . . . .	100
1UH	Handy, William R. . . . .	Lincoln, R. I. (P. O., Manville) . . . . .	100
1GS	Hardy, Wilbur H. . . . .	778 Hale St., Beverly Farms, Mass. . . . .	350
1UA	Hargraves, Harold T. . . . .	733 Cranston St., Providence, R. I. . . . .	100

## AMATEUR RADIO STATIONS—FIRST DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. <i>Watts.</i>
1VO	Haskell, Shirley D. . . . .	Main St., Essex, Conn. . . . .	250
1CY	Haselton, Page S. . . . .	Hudson, N. H. . . . .	100
1JE	Hayward, Edward E., jr. . . . .	4 Pembroke St., Newton, Mass. . . . .	100
1UN	Henry, William E. . . . .	162 Prairie Ave., Providence, R. I. . . . .	500
1JY	Herland, John N. . . . .	48 Brush Hill Rd., Mattapan, Mass. . . . .	100
1VH	Hickmott, William J., jr. . . . .	29 Summer St., Hartford, Conn. . . . .	275
1GR	Hodges, Duncan. . . . .	Groton School, Groton, Mass. . . . .	250
1AF	Hodgkins, Winfield C. . . . .	54 Eagle Lake Rd., Eden, Bar Harbor, Me. . . . .	100
1JQ	Hoffman, Frank E. . . . .	33 High St., Springfield, Mass. . . . .	250
1WY	Hoggson, Wallace. . . . .	Maber Ave., Greenwich, Conn. . . . .	300
1UZ	Homer, Arthur B. . . . .	270 Boulevard, Providence, R. I. . . . .	100
1KC	Howe, Milton A. . . . .	347 Mt. Vernon St., Fitchburg, Mass. . . . .	500
1CR	Howe, Reginald. . . . .	94 School St., Keene, N. H. . . . .	100
1JH	Hubbard, Allen, jr. . . . .	11 Montvale Crescent, Newton Center, Mass. . . . .	250
1AG	Hutchins, Ray. . . . .	Oak St., Springvale, Me. . . . .	100
1HJ	Hunt, Albert M. . . . .	12 Madison Ave., Newtonville, Mass. . . . .	100
1GP	James, Albert W. . . . .	36 Union St., Manchester, Mass. . . . .	100
1UE	Jette, George E. . . . .	161 Summer St., Central Falls, R. I. . . . .	500
1KP	Justice, Francis C. . . . .	148 Tremont St., Newton, Mass. . . . .	100
1ID	Kehoe, Francis. . . . .	41 Walnut St., Boston, Mass. . . . .	100
1AO	Kennedy, Chester A. . . . .	199 High St., South Portland, Me. . . . .	250
1GD	Lane, Frederick A. . . . .	7 Madison Ave., Gloucester, Mass. . . . .	250
1JZ	Lanvuetta, Kenneth H. . . . .	21 Houston Ave., Milton, Mass. . . . .	100
1JI	Lawrence, Milford R. . . . .	Main St., Falmouth, Mass. . . . .	500
1IS	Leach, George. . . . .	513 Liberty St., Rockland, Mass. . . . .	100
1HX	Leavitt, Elmer A. . . . .	41 Forest Ave., Everett, Mass. . . . .	250
1IP	Leland, Harold. . . . .	34 Irving St., Somerville, Mass. . . . .	100
1IR	Lewis, Minott W. . . . .	44 Kidder Ave., West Somerville, Mass. . . . .	100
1UY	Lippitt, Gorton T. . . . .	111 Benevolent St., Providence, R. I. . . . .	200
1JW	Long, John J. . . . .	32 London St., Somerville, Mass. . . . .	100

## AMATEUR RADIO STATIONS—FIRST DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
1GT	Loomis, Arthur T.....	35 Graves Ave., Lynn, Mass.....	25t
1JB	Lord, Howland C.....	40 Clyde St., Newtonville, Mass.....	100
1KI	Loring, Wilfred B.....	Plympton, Mass.....	175
1WU	Lucas, Orville.....	172 Washington St., Wallingford, Conn...	100
1IQ	Luey, Donald.....	44 West St., Worcester, Mass.....	500
1HE	Lynde, Kenneth R.....	20 Cloelia Terrace, Newtonville, Mass.....	100
1KG	Manning, Ralph K.....	232 Vine St., Everett, Mass.....	250
1TM	Mason, Lion G.....	Halidon Hall, Newport, R. I.....	500
1VM	McGuire, William C....	76 Madison St., Hartford, Conn.....	100
1CM	McLane, Henry R.....	Union Ave., Laconia, N. H.....	1,000
1KM	Meekin, William J....	34 Custer St., Rockland, Mass.....	250
1HO	Merrill, Clark B.....	3 Elm St., Dorchester, Mass.....	300
1UM	Miller, Bernard H.....	38 Doyle Ave., Providence, R. I.....	250
1UV	Monahan, Edward M....	1033 Eddy St., Providence, R. I.....	100
1GI	Morse, H. E.....	108 Essex St., Swampscott, Mass.....	300
1HW	Munroe, H. W. T.....	38 Beacon St., Everett, Mass.....	500
1CV	Nelson, Rufus L.....	16 Oak St., Northfield, N. H.....	500
1UW	Nilson, Arthur R.....	11 Colfax St., Providence, R. I.....	100
1IX	Ohlson, Olof.....	472 Crafts St., Newton, Mass.....	250
1CX	Parker, George H.....	Hudson, N. H.....	100
1UB	Pease, Reginald M.....	5 West Park St., Providence, R. I.....	100
1KF	Pennypacker, Thos. R..	Chatham, Mass.....	90
1UF	Perkins, Leonard M....	28½ Warren St., Providence, R. I.....	250
1WO	Post, Harold.....	131 Derby Ave., New Haven, Conn.....	100
1JS	Powers, Leonard S.....	431 Plymouth St., Carver, Mass.....	100
1JG	Pratt, Fearing.....	120 Main St., Hingham, Mass.....	250
1IO	Pratt, Walter.....	28 Summitt St., Rockland, Mass.....	100
1JV	Reuther, Henry.....	15 Jewett St., Northampton, Mass.....	250
1AR	Rich, Marion.....	Cedar Ave., Bar Harbor, Me.....	250
1KB	Richards, W. T.....	15 Follen St., Cambridge, Mass.....	100
1HV	Ryan, James A.....	43 Linwood St., Somerville, Mass.....	100

AMATEUR RADIO STATIONS—FIRST DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
1WX	Safranek, Jerry.....	28 South St., South Norwalk, Conn.....	15
1IZ	Saint James, Robert T..	38 Avery Lane, Great Barrington, Mass...	1,000
1WT	Salzgeber, John W.....	West Main St., Ivoryton, Conn.....	100
1WR	Sawtelle, Donald F.....	122 Gilbert Ave., New Haven, Conn.....	100
IKS	Seabury, William H....	1056 Beacon St., Brookline, Mass.....	250
1WQ	Seeley, Arthur P.....	55 Pearl St., New Haven, Conn.....	25
1HS	Shattuck, Herbert.....	1-A Lewis Place, Roxbury, Mass.....	100
1BN	Shaw, Raymond H.....	10 East Washington St., Rutland, Vt.....	12
1GN	Smith, Malcolm H.....	115 Prospect St., Gloucester, Mass.....	250
1AD	Smith, Edward S. C....	58 South St., Biddeford, Me.....	100
1JF	Snow, Albert E.....	30 Cary Ave., Chelsea, Mass.....	100
1GA	Snow, Harold C.....	41 Paradise Rd., Swampscott, Mass.....	250
1JO	Snow, William B.....	11 Devon Rd., Newton Center, Mass.....	100
1IV	Snyder, William E.....	36 Monument Ave., Charlestown, Mass...	100
1GK	Stanley, Lyman R.....	52 Burrill St., Swampscott, Mass.....	500
1IB	Stanyan, Starr W.....	76 Boston Ave., West Bedford, Mass....	200
1AE	Sterling, George E.....	28 Pine St., Springvale, Me.....	100
1KA	Stickney, H. E.....	25 Tufts Ave., Everett, Mass.....	100
1AK	Tabbut, Arthur R.....	6 First South St., Bar Harbor, Me.....	250
1US	Thorndike, Don C.....	303 Doric Ave., Cranston, R. I.....	100
1UP	Trainer, Francis J.....	126 Summer St., Providence, R. I. (Classical High School).	300
1UK	Tutin, Kenneth A.....	312 Blackstone St., Woonsocket, R. I....	100
1HU	Upton, Harry E.....	18 Jackson Ave., Everett, Mass.....	400
1AH	Ward, Donald G.....	14 Orchard St., Portland, Me.....	200
1GQ	Westbrook, Leon R.....	41 Eleventh St., Haverhill, Mass.....	1,000
1GE	Wheeler, Fred L.....	23 Mt. Vernon St., Cliftondale, Mass....	100
1IW	Wilde, Phillips B.....	Government St., Woods Hole, Mass.....	100
1KN	Wilkinson, John E.....	35 Malvey St., Fall River, Mass.....	250
1KW	Wood, James E.....	17 Main St., Fairhaven, Mass.....	1,000
1AL	Wyer, Otis W.....	237 Forest St., Cumberland Mills, Me....	100



## AMATEUR RADIO STATIONS—FIRST DISTRICT—Continued.

ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
1AB	Brown, Philip T.	1HJ	Hunt, Albert M.
1AC	Kennedy, Chester A.	1HK	Denison, Horace W.
1AD	Smith, Edward S. C.	1HL	Affel, Herman A.
1AE	Sterling, George E.	1HM	Hammett, Herbert M.
1AF	Hodgkins, Winfield C.	1HN	Flood, J. F. J.
1AG	Hutchins, Ray.	1HO	Merrill, Clark B.
1AH	Ward, Donald G.	1HP	Cromack, N. G. N.
1AI	Brown, Olin C.	1HQ	Broadley, Harry R.
1AJ	Fabbri, Alessandro.	1HR	Elliott, Thomas H., jr.
1AK	Tabbut, Arthur R.	1HS	Shattuck, Herbert.
1AL	Wyer, Otis W.	1HT	Anderson, James H.
1AM	Butler, Guy W.	1HU	Upton, Harry E.
1AR	Rich, Marion.	1HV	Ryan, James A.
		1HW	Munroe, H. W. T.
1BA	Fitts, Harold W.	1HX	Leavitt, Elmer A.
1BC	Dimick, Leon R.	1HY	Bennett, Lawrence S.
1BM	Coppe, John L.	1HZ	Duncan, Harrie E.
1BN	Shaw, Raymond H.		
1BO	Canty, William R.	1IB	Stanyan, Starr W.
		1ID	Kehoe, Francis.
1CM	McLane, Henry R.	1IE	Bennett, William F., jr.
1CO	Atkins, Harry C.	1IF	Eveleth, Harlan A.
1CP	Conrad, Philip W.	1IH	Fuller, Clarence C.
1CR	Howe, Reginald.	1IJ	Fassitt, Andrew J., jr.
1CV	Nelson, Rufus L.	1IO	Pratt, Walter.
1CW	Chase, Robert McC.	1IP	Leland, Harold.
1CX	Parker, George H.	1IQ	Luey, Donald.
1CY	Haselton, Page S.	1IR	Lewis, Minott W.
		1IS	Leach, George.
1GA	Snow, Harold C.	1IT	Barnes, Irving T.
1GB	Blount, Henry G.	1IU	Church, Arthur E.
1GC	Chadwick, Gilbert L.	1IV	Snyder, William E.
1GD	Lane, Frederick A.	1IW	Wilde, Phillips B.
1GE	Wheeler, Fred L.	1IX	Ohlson, Olof.
1GF	Fowler, F. M.	1IY	Baxter, Horace M.
1GH	Bibber, Harold.	1IZ	Saint James, Robert T.
1GI	Morse, H. E.		
1GJ	Daniels, Richard M.	1JA	Dimond, Fred A., jr.
1GK	Stanley, Lyman R.	1JB	Lord, Howland C.
1GL	Bush, Arthur W.	1JC	Fairbanks, Robert D.
1GM	Allen, J. Wyman.	1JD	Collins, Lovejoy.
1GN	Smith, Malcolm H.	1JE	Hayward, Edward E., jr.
1GO	Estey, F. Clifford.	1JF	Snow, Albert E.
1GP	James, Albert W.	1JG	Pratt, Fearing.
1GQ	Westbrook, Leon R.	1JH	Hubbard, Allen, jr.
1GR	Hodges, Duncan.	1JI	Lawrence, Milford R.
1GS	Hardy, Wilbur H.	1JK	Franke, Alfred A.
1GT	Loomis, Arthur T.	1JL	Gahm, Sebastian, jr.
1GU	Bernardin, L. A.	1JM	Cheever, Walter G.
1GV	Gavill, Wilbur W.	1JN	Bruce, Arthur O.
1GW	Haddock, Charles C.	1JO	Snow, William B.
		1JP	Decker, Clarence.
1HA	Allison, William H.	1JQ	Hoffman, Frank E.
1HB	Burgess, Warren B.	1JR	Delano, Edward C.
1HC	Cheetham, Harry R.	1JS	Powers, Leonard S.
1HD	Canfield, Donald T.	1JT	Carlson, Arthur G.
1HE	Lynde, Kenneth R.	1JU	Dane, Francis W.
1HF	Gardner, Chester R.	1JV	Reuther, Henry.
1HG	Cogswell, George R.	1JW	Long, John J.
1HI	Burke, Alan W.	1JY	Herland, John N.
		1JZ	Lanvuette, Kenneth H.

AMATEUR RADIO STATIONS—FIRST DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
1KA	Stickney, H. E.	1UN	Henry, William E.
1KB	Richards, W. T.	1UO	Doyle, John B.
1KC	Howe, Milton A.	1UP	Trainor, Francis J.
1KD	David, Harold E.	1UQ	Barth, Karl E.
1KE	De Mello, Edward.	1UR	Doherty, James E.
1KF	Pennypacker, Thomas R.	1US	Thorndike, Don C.
1KG	Manning, Ralph K.	1UV	Monahan, Edward M.
1KH	Doten, H. B.	1UW	Nilson, Arthur R.
1KI	Loring, Wilfred B.	1UX	Budlong, Clifton O.
1KJ	Anderson, Arvid E.	1UY	Lippitt, Gorton T.
1KL	Edson, Allan W.	1UZ	Homer, Arthur B.
1KM	Meekin, William J.		
1KN	Wilkinson, John E.	1VH	Hickmott, William J., jr.
1KO	Bowen, Harold C.	1VL	Belknop, Edward L.
1KP	Justice, Francis C.	1VM	McGuire, William C.
1KS	Seabury, William H.	1VN	Green, Louis.
1KW	Wood, James E.	1VO	Haskell, Shirley D.
1TM	Mason, Lion G.	1WB	Barnum, Roland B.
1UA	Hargraves, Harold T.	1WJ	Barrett, John H.
1UB	Pease, Reginald M.	1WN	Edwin Bancroft Foote Boys' Club.
1UC	Creaser, Isaiah.	1WO	Post, Harold.
1UD	Donle, Harold P.	1WP	Cummings, Edward H.
1UE	Jette, George E.	1WQ	Seeley, Arthur P.
1UF	Perkins, Leonard M.	1WR	Sawtelle, Donald F.
1UG	Bigelow, Fred C., jr.	1WS	Buffett, Salathiel.
1UH	Handy, William R.	1WT	Salzgeber, John W.
1UI	Bailey, William M.	1WU	Lucas, Orville.
1UJ	Ashworth, Harry.	1WX	Safranek, Jerry.
1UK	Tutin, Kenneth A.	1WY	Hoggson, Wallace.
1UL	Bigelow, Clinton A.	1WZ	Davis, Maurice E.
1UM	Miller, Bernard H.		

SECOND DISTRICT.

[Headquarters: Customhouse, New York, N. Y. The second district comprises the States of New York (county of New York, Staten Island, Long Island, and counties on the Hudson River to and including Schenectady, Albany, and Rensselaer) and New Jersey (counties of Bergen, Passaic, Essex, Union, Middlesex, Monmouth, Hudson, and Ocean).]

ALPHABETICALLY BY OWNERS OF STATIONS.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
2LX	Adelphi College.....	St. James and Clifton Pl., Brooklyn, N. Y.	385
2AB	Anderson, Lloyd C.....	New Milford, N. J.....	20
2MM	Apgar, Charles E.....	549 Carleton Rd., Westfield, N. J.....	450
2ME	Archibald, John O.....	51 Cedar St., Yonkers, N. Y.....	500
2BA	Ash, Harry M., jr.....	337 Twelfth Ave., Paterson, N. J.....	90
2BV	Ashmall, William E., jr.	11 Pavonia Ave., Arlington, N. J.....	24
2MR	Atwater, Frank G., jr...	1562 East Fifteenth St., Brooklyn, N. Y..	24

## AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power Watts
2CI	Austin, Edward.....	576 Pavonia Ave., Jersey City, N. J.....	250
2ER	Backer, William.....	51 Hamilton Terrace, New York, N. Y....	275
2LU	Baker, William N.....	881 Montgomery St., Jersey City, N. J....	20
2GM	Ballard, J. Adams.....	73 Macon St., Brooklyn, N. Y.....	24
2BD	Banta, Theodore C.....	76 Walnut St., Ridgewood, N. J.....	10
2BT	Barrett, Howard A.....	343 East One hundred and fifty-second St., New York, N. Y.	550
2HW	Barrett, L. W.....	44 Ellis Pl., Ossining, N. Y.....	24
2LW	Bartel, J. F.....	Harts Island, N. Y.....	8
2GB	Bartlett, Bernard W....	545 Westfield Ave., Westfield, N. J.....	500
2LF	Bartlett, Charles H.....	774 Jefferson Ave., Brooklyn, N. Y.....	12
2CJ	Bathgate, Walter E.....	102 High St., Passaic, N. J.....	60
2GJ	Beard, Gerald A.....	150 Overlook St., Mt. Vernon, N. Y.....	250
2EJ	Bechtloff, Claude B....	106 Walnut St., Ridgewood, N. J.....	500
2KJ	Beebe, Lloyd S.....	1143 Albany St., Schenectady, N. Y.....	560
2FV	Behnken, Henry J.....	868 Fifty-fifth St., Brooklyn, N. Y.....	24
2LQ	Belt, Charles B.....	145 West Fifty-seventh St., New York, N. Y.	100
2LL	Benedict, Alonzo R.....	Leptondale, N. Y.....	48
2FU	Benzing, Herman.....	619 Fulton St., Elizabeth, N. J.....	30
2MS	Berri, Herbert.....	497 East Seventeenth St., Brooklyn, N. Y.	500
2LB	Bertine, Edwin K.....	57 South Second Ave., Mt. Vernon, N. Y..	220
2IX	Bicak, Edward T.....	357 East Seventy-second St., New York, N. Y.	160
2FT	Bishop, Mortimer.....	568 West One hundred and forty-ninth St., New York, N. Y.	550
2CR	Blauvelt, William M....	198 Main St., Nyack, N. Y.....	90
2CG	Blodgett, Harry C.....	606 Meade St., New York, N. Y.....	20
2GI	Bockelmann, Charles F.	1679 Forty-second St., Brooklyn, N. Y....	45
2JD	Boeder, Arthur.....	3443 Duncomb Ave., New York, N. Y....	1,000
2BX	Brick, Frank R.....	43 West Forty-fourth St., Bayonne, N. J..	500
2JH	Brown, David S., 3d....	206 West Eighty-sixth St., New York, N. Y.	500

AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. <i>Watts.</i>
2KD	Browne, Walram S.....	1565 East Twelfth St., Brooklyn, N. Y.....	500
2JL	Brownell, Charles E.....	230 Newark Ave., Bloomfield, N. J.....	36
2JS	Bruns, Henry H.....	249 Seventh St., Jersey City, N. J.....	50
2AU	Bryan, Chester W.....	79 Elm St., Montclair, N. J.....	8
2AF	Bryant, Marquis V.....	6 Highland Ave., Nyack, N. Y.....	130
2MH	Buchanan, William F....	128 Market St., Perth Amboy, N. J.....	24
2AV	Buhlman, Charles F....	Mallisen Ave., Allendale, N. J.....	48
2CT	Bunn, Milo B.....	110 Rockland Ave., Yonkers, N. Y.....	250
2HK	Burrows, Henry P.....	1415 Fifty-fifth St., Brooklyn, N. Y.....	12
2ES	Campbell, Robert, jr....	117 Marshall St., Elizabeth, N. J.....	130
2MN	Carrougher, Vivian A....	805 Ocean Ave., Brooklyn, N. Y.....	3
2HR	Chandler, Arthur C.....	2141 Pacific St., Brooklyn, N. Y.....	72
2FE	Cheel, Harold W.....	35 Corsa Terrace, Ridgewood, N. J.....	495
2DS	Clark, LeRoy.....	Chestnut St., Englewood, N. J.....	880
2FO	Clark, William C.....	91 Fourth Ave., Brooklyn, N. Y.....	500
2IJ	Cochran, Alexander....	256 Sterling Pl., Brooklyn, N. Y.....	24
2DP	Coene, Edgar S.....	680 Beck St., New York, N. Y.....	370
2LO	Coffin, Russell S.....	1102 St. Johns Pl., Brooklyn, N. Y.....	24
2KN	Collison, Percy B.....	172 Maple St., Brooklyn, N. Y.....	500
2DR	Cooper, Telfer C.....	260 Garfield Ave., Jersey City, N. J.....	500
2HF	Coote, Charles W.....	240 Audubon Ave., New York, N. Y.....	550
2AQ	Corson, David N.....	51 Berkeley St., Newark, N. J.....	330
2LD	Cotter, William F.....	68 Oakland Ave., Jersey City, N. J.....	24
2JC	Cowan, Clarence.....	1455 Bedford Ave., Brooklyn, N. Y.....	18
2EM	Crosby, Ray C.....	24 One hundred and forty-eighth St., New York, N. Y.	20
2DN	Cullen, Edward R.....	626 Forty-fifth St., Brooklyn, N. Y.....	54
2DI	Cyriax, Ernest.....	219 East Seventy-first St., New York, N. Y.	30
2GG	Dahlgren, Berger.....	1652 Forty-first St., Brooklyn, N. Y.....	18
2AD	Dammers, Albert.....	145 Newell Ave., Rutherford, N. J.....	250
2KK	Day, Howard B.....	133 Harrison Ave., Westfield, N. J.....	815

## AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
2LK	De Baun, Harold J. ....	14 Maple St., Nyak, N. Y. ....	15
2JX	De Cortin, Gustav A. ....	16 Elm St., Mt. Vernon, N. Y. ....	2
2HH	Dederick, H. C. ....	46 North Fifth St., Hudson, N. Y. ....	100
2JR	Deitz, Burr V. ....	Slingerlands, N. Y. ....	375
2CF	Demarest, Merritt. ....	82 Bentley St., Tottenville, N. Y. ....	200
2AS	De Yoe, Willard L. ....	689 Broadway St., Paterson, N. J. ....	250
2CN	Dickey, Edward T. ....	1649 Amsterdam Ave., New York, N. Y. ..	220
2CQ	Dilg, A. Norman. ....	147 Bentley St., Tottenville, N. Y. ....	30
2CH	Driggs, Louis L., jr. ....	199 Cedar Rd., New Rochelle, N. Y. ....	500
2EU	Droste, George T. ....	2132 Glebe Ave., New York, N. Y. ....	500
2IY	Dugan, Edward W. ....	631 Jersey Ave., Jersey City, N. J. ....	15
2GS	Dunn, Allison van V. ...	98 North Rockland Ave., Yonkers, N. Y. ..	36
2LM	Dunn, Laurence J. ....	769 Dawson St., New York, N. Y. ....	8
2AI	Eber, John G. ....	5505 Third Ave., Brooklyn, N. Y. ....	40
2GQ	Eckhardt, John. ....	53 Clifton Pl., Brooklyn, N. Y. ....	18
2JI	Eddy, L. E. ....	295 Hackensack Rd., Ridgefield Park, N. J.	36
2AH	Edelman, Abraham. ....	782 Prospect Ave., New York, N. Y. ....	30
2KQ	Edwards, Harry M., jr. ..	314 Ridgewood Ave., Glen Ridge, N. J. ..	24
2DH	Eells, Wallace H. ....	632 East Fifteenth St., Brooklyn, N. Y. ..	200
2LE	Egolf, Richard S. ....	1052 Forty-first St., Brooklyn, N. Y. ....	24
2IQ	Elliott, Paul C. ....	162 East Sixty-sixth St., New York, N. Y. .	250
2BU	Eltz, George J., jr. ....	441 West Forty-seventh St., New York, N. Y.	500
2ET	England, George B. ....	917 St. Nicholas Ave., New York N. Y. ....	432
2EK	Fagan, James F. ....	143 West Ninety-fifth St., New York, N. Y. .	660
2GX	Fallon, Harry A., jr. ....	555 West One hundred and forty-eighth St., New York, N. Y.	48
2GD	Farquharson, John S. ....	540 West One hundred and fifty-eighth St., New York, N. Y.	280
2AK	Ferris, Howard E. ....	665 Franklin Ave., Nutley, N. J. ....	24
2DD	Fitzgerald, Gordon P. ...	611 West One hundred and forty-first St., New York, N. Y.	250

## AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
2AA	Flagg, John H. . . . .	316 Lookout Ave., Hackensack, N. J. . . . .	21
2IR	Foulke, J. Brion, jr. . . . .	Carll Ave., Babylon, N. Y. . . . .	50
2KM	Francis, Charles. . . . .	1662 Seventieth St., Brooklyn, N. Y. . . . .	18
2IZ	Fraser, Frank. . . . .	352 Archer St., Freeport, N. Y. . . . .	350
2JN	Freeland, Wilbur W. . . . .	34 Baldwin Ave., Newark, N. J. . . . .	550
2JF	Frey, Anthony C. . . . .	370 East One hundred and fifty-third St., New York, N. Y.	10
2KE	Frey, George. . . . .	155 West Eightieth St., New York, N. Y. . . . .	36
2GF	Gabrielson, Henry M. . . . .	230 Fifty-third St., Brooklyn, N. Y. . . . .	60
2LT	Galvin, Lee R. . . . .	193 Fairview Ave., Jersey City, N. J. . . . .	32
2DO	Gerrity, John J. . . . .	538 Ocean Ave., Jersey City, N. J. . . . .	330
2CL	Gildersleeve, Louis C. . . . .	Mattituck, N. Y. . . . .	30
2AY	Gittelbauer, Frederick. . . . .	38 Vreeland St., East Rutherford, N. J. . . . .	500
2JU	Goette, C. J. . . . .	1256 Hatch Ave., Woodhaven, N. Y. . . . .	250
2BK	Green, Adoniram J. . . . .	73 Paterson St., Paterson, N. J. . . . .	120
2LP	Green, R. J. . . . .	1352 St. Nicholas Ave., New York, N. Y. . . . .	18
2KL	Gregory, Arthur V. . . . .	197 High St., Perth Amboy, N. J. . . . .	250
2BN	Griswold, Edmund J. . . . .	R. F. D., Slingerlands, N. Y. . . . .	30
2AT	Guild, Baldwin. . . . .	495 Mount Prospect Ave., Newark, N. J. . . . .	30
2AR	Hackmann, William J. . . . .	8 Bright St., Jersey City, N. J. . . . .	15
2HJ	Hadden, Walter. . . . .	1716 Albermarle Road, Brooklyn, N. Y. . . . .	440
2AM	Haeselbarth, Percy. . . . .	54 Catherine St., Nyack, N. Y. . . . .	36
2AW	Hall, Joseph H. . . . .	605 West One hundred and forty-first St., New York, N. Y.	50
2DW	Hallahan, John. . . . .	180 Market St., Perth Amboy, N. J. . . . .	60
2MA	Hallenbeck, Charles. . . . .	959 Fifty-fifth St., Brooklyn, N. Y. . . . .	24
2EV	Hallock, Charles S. . . . .	Foot of Fifty-seventh St., Brooklyn, N. Y. . . . .	500
2EW	Hamilton, Joseph E. . . . .	16 West Broadway, Port Chester, N. Y. . . . .	30
2FK	Hamilton, Ralph. . . . .	352 Willett Ave., Port Chester, N. Y. . . . .	30
2AE	Happe, William H. . . . .	566 West One hundred and sixty-second St., New York, N. Y.	100
2FQ	Hardwick, Ambrose H. . . . .	2240 Oakwood Ave., Orange, N. J. . . . .	1,000

## AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power
2FZ	Harris, Charles C.....	Elliot Pl., Freeport, N. Y.....	50
2AC	Hart, Gifford R.....	34 Douglas Road, Glen Ridge, N. J.....	3
2FY	Hartman, Robert.....	500 West One hundred and seventy-seventh St., New York, N. Y.	25
2DV	Hathaway, Harry C. B..	20 Erie Pl., Nutley, N. J.....	14
2JM	Hebert, Arthur A.....	27 Maple Pl., Nutley, N. J.....	69
2BM	Heermance, Earle.....	523 State St., Hudson, N. Y.....	40
2FJ	Helwig, Herman F.....	711 East Eighteenth St., Brooklyn, N. Y.	25
2MU	Hengerer, Howard B....	180 Fort Washington Ave., New York, N. Y.	50
2CW	Hersh, Harry H.....	254 First Ave., Elizabeth, N. J.....	550
2IU	Hickman, Cedric A.....	604 First Ave., Asbury Park, N. J.....	500
2DG	Higgs, Harry Y.....	707 Vanderbilt Ave., Brooklyn, N. Y.....	35
2GY	Hill, Cedric S.....	156 Urban St., Mt. Vernon, N. Y.....	24
2DK	Hill, William S.....	332 Rector St., Perth Amboy, N. J.....	40
2JW	Hofmann, Charles.....	1627 First Ave., Brooklyn, N. Y.....	120
2LY	Hoover, Raymond.....	171 Ridgewood Ave., Newark, N. J.....	200
2MF	Hoppock, Allen H.....	215 Clark St., Westfield, N. J.....	500
2HU	Hotchkiss, Grosvenor...	146 Halsey St., Brooklyn, N. Y.....	30
2HI	Hotter, Walter J.....	640 Seventy-fourth St., Brooklyn, N. Y..	50
2IK	Howe, David D.....	23 Maple Pl., Nutley, N. J.....	10
2II	Howell, Walter J.....	135 Edgecombe Ave., New York, N. Y....	15
2GK	Hubbard, John W.....	327 King St., Port Chester, N. Y.....	55
2CM	Huebner, Curtis J.....	35 Pierrepont Ave., Rutherford, N. J....	25
2EG	Hurd, John B.....	Telton Ave., Red Bank, N. J.....	20
2BQ	Ingraham, Wallace.....	91 Sterling Pl., New York, N. Y.....	10
2GU	Inwright, John A.....	400-A Fairmont Ave., Jersey City, N. J..	9
2EX	Jackson, Benjamin B...	188 Montrose Ave., Rutherford, N. J....	250
2KU	Jackson, Edward C.....	52 Hillcrest Ave., Yonkers, N. Y.....	250
2EE	Jacobs, Charles F.....	279 Park Pl., Brooklyn, N. Y.....	4
2FN	Jamison, Herbert L.....	1108 Intervale Ave., New York, N. Y....	15
2AO	Jones, Robert O.....	196 Newark Ave., Bloomfield, N. J.....	20

## AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
2DC	Kahn, Walter A. ....	136 Stuyvesant Pl., New York, N. Y. ....	24
2BC	Kaltenbach, Henry J., jr.	150 Alta Ave., Park Hill, Yonkers, N. Y. .	65
2BY	Keller, Julius F. ....	36 Ocean Ave., Edgewater, N. Y. ....	30
2GH	Kelting, Clarence A. ....	1469 Fifty-third St., Brooklyn, N. Y. ....	27
2BL	Kirch, George. ....	364 Seventy-fifth St., Brooklyn, N. Y. ....	24
2FI	Kirkpatrick, Louis W. . .	317 Sixth Ave., Newark, N. J. ....	12
2BR	Krech, Karl G. ....	316 Godwin Ave., Midland Park, N. J. ....	495
2KA	Kroener, Christian. ....	115 Watchung Ave., Plainfield, N. J. ....	36
2JT	Ladow, Arthur C. ....	515 Munroe Ave., Asbury Park, N. J. ....	500
2HX	Lane, David M. ....	343 Ninth St., Jersey City, N. J. ....	24
2KR	Lebowitz, Samuel. ....	270 Riverside Drive, New York, N. Y. . .	450
2MT	Leeb, Henry L. ....	166 Ralston Ave., South Orange, N. J. ....	880
2FL	Lehmann, August, jr. . .	1520 Fifty-sixth St., Brooklyn, N. Y. ....	9
2CA	Leidecker, Morris. ....	40 St. Nicholas Pl., New York, N. Y. ....	400
2IE	Lemmon, Walter S. ....	319 West Ninety-fourth St., New York N. Y.	420
2JV	Lent, Richard C. ....	616 Forty-fifth St., Brooklyn, N. Y. ....	36
2GV	Lindmark, Elmer S. ....	4510 Sixth Ave., Brooklyn, N. Y. ....	18
2IV	Lindsay, Russell. ....	189 William St., East Orange, N. J. ....	30
2EB	Lowe, Graham von S. . .	262 West Seventy-seventh St., New York, N. Y.	300
2BZ	Lyman, C. Glenn. ....	George and Cooper Sts., Babylon, N. Y. .	150
2HO	Lyona, William B. ....	North Broad St., Bloomfield, N. J. ....	1000
2HT	Macartney, George E. . .	473 Prospect Pl., Brooklyn, N. Y. ....	36
2HQ	MacDonald, Howard B. .	171 Ravine Ave., Yonkers, N. Y. ....	25
2AJ	Mahr, George W. ....	297 Gordon St., Stapleton, N. Y. ....	60
2FW	Macpherson, Claude V. .	557 West One hundred and forty-fourth St., New York, N. Y.	440
2GL	Marshall, Richard E. . .	238 Westchester Ave., Rye, N. Y. ....	550
2HP	Mayhew, B. Alan, jr. . .	Laurel Ave., Tenafly, N. J. ....	495
2IL	McClintock, George C. .	535 Charlton Rd., Westfield, N. J. ....	250
2KP	McClure, Donald. ....	11 Rudd Ct., Glen Ridge, N. J. ....	48



## AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
2HA	McCoy, Daniel.....	45 Lee Ave., Yonkers, N. Y.....	1,000
2IC	McGiehan, Donald C ...	1222 East Thirty-ninth St., Brooklyn, N. Y.	10
2DF	McIntyre, Meybert A ...	1127 Avenue G, Brooklyn, N. Y.....	250
2CC	McKey, Dixie.....	265 Herbert St., Red Bank, N. J.....	30
2EY	McKinney, Fred J. ....	300 Glenwood Ave., Bloomfield, N. J....	24
2LG	McLaughlin, Fred L. ...	2621 Eighth Ave., New York, N. Y.....	6
2KY	McLoughlin, Robert J..	105 Francisco Ave., Rutherford, N. J.....	190
2LI	Meacham, Fred'k C., jr..	236 Decatur St., Brooklyn, N. Y.....	72
2EP	Mead, George S. V.....	12 Archer Ave., Mt. Vernon, N. Y.....	330
2FC	Meerseman, Julian A...	Tottenville, N. Y.....	12
2IG	Merkt, T. B. J.....	780 Macon St., Brooklyn, N. Y.....	20
2JG	Merrhew, Randall W...	Slingerlands, N. Y.....	85
2JQ	Merrill, Walter E.....	121 East One hundred and third St., New York, N. Y.	45
2EL	Meyer, William E.....	181 West Sixty-third St., New York, N. Y.	36
2LA	Miller, Frederick R. ....	42 John St., Englewood, N. J.....	24
2JK	Mitchell, Arthur M.....	299 North Seventh St., Newark, N. J.....	36
2BI	Morgan, Waller V.....	149 Urban St., Mt. Vernon, N. Y.....	56
2CO	Morrell, W. Frank.....	Broadway and First St., Keyport West, N. J.	250
2MI	Morris, Earle S.....	1192 Dean St., Brooklyn, N. Y.....	500
2LN	Morrison, Clifford P....	365 Warburton St., Yonkers, N. Y.....	60
2BG	Mowton, Edward M.....	70 Hillcrest Ave., Yonkers, N. Y.....	50
2AG	Mulford, Harold C.....	6 Weekes Ave., Oyster Bay., N. Y.....	90
2CE	Muns, Robert.....	85 Lincoln Ave., Ridgewood, N. J.....	1,000
2JZ	Naylor, Walker.....	156 Leffert Pl., Brooklyn, N. Y.....	12
2KX	Noble, Kendrick.....	441 North Broadway, Yonkers, N. Y....	300
2GT	Noller, Charles, jr.....	240 East Fifty-sixth St., New York, N. Y.	30
2HY	Noonan, Edward J.....	5419 Fourth Ave., Brooklyn, N. Y.....	20
2HB	Northshield, L. E.....	252 Ontario St., Albany, N. Y.....	616
2CK	O'Brien, Thomas.....	7 Nassau Ave., Freeport, N. Y.....	500
2IB	Oliver, George E.....	677 Boulevard, Bayonne, N. J.....	50

AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. <i>Watts.</i>
2HS	O'Mara, Edward F. . . . .	425 West Fifty-sixth St., New York, N. Y.	12
2MO	Ostman, Frederick B. . . . .	33 Edwards St., Ridgewood, N. J. . . . .	40
2DY	Palmer, Corydon . . . . .	48 West Fiftieth St., New York, N. Y. . . . .	500
2CU	Palmland, Philip . . . . .	1144 St. Johns Pl., Brooklyn, N. Y. . . . .	30
2FB	Pareis, Robert . . . . .	189 Marshall St., Elizabeth, N. J. . . . .	12
2AZ	Pearl, Eugene S. . . . .	307 Gregory Ave., Passaic, N. J. . . . .	30
2MP	Pearsall, William E. . . . .	226 Moffat St., Brooklyn, N. Y. . . . .	30
2BS	Pearson, Herbert B. . . . .	997 Sterling Pl., Brooklyn, N. Y. . . . .	500
2CS	Pedersen, Guy O. . . . .	2128 Hudson Blvd., Jersey City, N. J. . . . .	200
2GO	Peltier, Paul D. . . . .	345 West Seventieth St., New York, N. Y.	10
2MD	Pendleton, Harold A. . . . .	830-A Quincy St., Brooklyn, N. Y. . . . .	6
2FM	Perkins, William P. . . . .	35 Grant Ave., Yonkers, N. Y. . . . .	24
2HG	Peters, Frank J. . . . .	Broad St., Bloomfield, N. J. . . . .	715
2FA	Pfeifer, Clarence H. . . . .	306 Prospect St., Ridgewood, N. J. . . . .	250
2BP	Phipps, Donald A. . . . .	Oyster Bay, N. Y. . . . .	165
2GZ	Plate, Fred W. . . . .	91 Vanheyken St., Jersey City, N. J. . . . .	36
2KW	Plummer, James A. . . . .	340 Orient Way, Rutherford, N. J. . . . .	36
2CZ	Poe, Vergil C. . . . .	862 Sterling Pl., Brooklyn, N. Y. . . . .	30
2DI	Price, Henry S. . . . .	435 Clinton Ave., Brooklyn, N. Y. . . . .	500
2CD	Prosser, Rogers D. . . . .	Chestnut St., Englewood, N. J. . . . .	30
2EI	Quick, Henry C. . . . .	471 Seventy-fifth St., Brooklyn, N. Y. . . . .	500
2ML	Quinby, E. Jay . . . . .	Aqueduct Ave. and Fordham Rd., New York, N. Y.	250
2HC	Raque, Carl P. . . . .	82 Booream Ave., Jersey City, N. J. . . . .	350
2HZ	Reichfeld, Nicholas . . . . .	991 Union Ave., New York, N. Y. . . . .	50
2ID	Reyle, Stanley . . . . .	42½ Van Reipen Ave., Jersey City, N. J. . . . .	24
2IS	Ricketts, Percy E. . . . .	George St., Babylon, N. Y. . . . .	55
2LC	Roberts, A. Perry . . . . .	Tenafly Rd., Tenafly, N. J. . . . .	50
2MC	Roberts, Irving J. . . . .	66 East Baldwin St., Bloomfield, N. J. . . . .	24
2IP	Robin, Rev. Fernard . . . . .	Hawthorne, N. Y. . . . .	1,000
2LJ	Rodenburg, Herman . . . . .	1626 Second Ave., New York, N. Y. . . . .	20

## AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
2KV	Rogers, Lorlys A. ....	200 West One hundred and thirteenth St., New York, N. Y.	660
2IA	Royce, Winfred A. ....	1329 Forty-ninth St., Brooklyn, N. Y. ....	500
2JY	Rupert, S. E. G. ....	107 Second St., Pelham, N. Y. ....	1, 040
2GP	Rutherford, T. Bruce. . .	42 Hawthorne St., Brooklyn, N. Y. ....	24
2DE	Ruttman, Ferdinand. . .	605 West One hundred and forty-first St., New York, N. Y.	250
2DM	Sachs, Harold. ....	701 Madison Ave., New York, N. Y. ....	10
2HE	Sackett, Milton B. ....	River Edge, N. J. ....	330
2HN	Sands, Walter H. ....	178 Anchor Ave., Mt. Vernon, N. Y. ....	230
2KT	Saulnier, Stanley G. ....	299 Gates Ave., New York, N. Y. ....	9
2LH	Sayres, Ralph A. ....	4645 Central Ave., Richmond, N. Y. ....	36
2JB	Schaefer, Charles L. ....	201 Broadway, Port Richmond, N. Y. ....	50
2IO	Scharrenbeck, George H.	126 West First St., Mt. Vernon, N. Y. ....	220
2EQ	Schedler, Herbert. ....	328 Central Ave., Jersey City, N. J. ....	300
2BF	Schell, Richard, jr. ....	35 Grasmere Ave., Grasmere, N. Y. ....	12
2BO	Schermerhorn, Howard F.	2 Union St., Montclair, N. J. ....	24
2HL	Schippel, August, jr. ....	2321 First Ave., New York, N. Y. ....	18
2DJ	Schlitz, Karl W. ....	28 Jefferson St., New York, N. Y. ....	36
2EO	Schneider, Alexander. . .	326 East Sixty-ninth St., New York, N. Y.	36
2CB	Schram, John, jr. ....	21 Locust St., Brooklyn, N. Y. ....	60
2BH	Schulte, Carl. ....	75 East Franklin Ave., Ridgewood, N. J. .	60
2EZ	Schupp, Charles H. ....	Linden Ave., River Edge, N. J. ....	250
2DQ	Schwarzkopf, Irving M. .	138 East Ninety-fifth St., New York, N. Y. .	500
2IN	Scofield, Robert W. ....	87 Macon St., Brooklyn, N. Y. ....	42
2BJ	Seaman, Chapman W. . .	School St., Oyster Bay, N. Y. ....	150
2KF	Searing, Hudson R. ....	532 Wales Ave., New York, N. Y. ....	385
2AN	Sedlak, Conrad J. ....	683 Main St., New Durham, N. J. ....	33
2DX	Seyd, Ernest K. ....	231 Park Pl., Brooklyn, N. Y. ....	35
2DT	Shaw, Oswald M. ....	73 East Eighty-eighth St., New York, N. Y.	500
2KS	Shropshire, Lee R. ....	9 Castle Hill, Palisades Park, N. J. ....	25

## AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			Watts.
2GR	Slagle, Edwin L.....	25 South Second Ave., Mt. Vernon, N. Y.	18
2MK	Smith, Daniel W.....	South St., Oyster Bay, N. Y.....	250
2AX	Smith, David S.....	684 Belgrove Drive, Arlington, N. J.....	128
2AP	Smith, Irving R.....	56 Park Pl., New Brighton, N. Y.....	25
2DU	Smith, Joseph T.....	427 West Fifty-ninth St., New York, N. Y.	500
2JP	Smith, Julius J. R.....	807 Lincoln Pl., Brooklyn, N. Y.....	9
2JO	Smith, Nelson V.....	Lawrence Ave., Lawrence, N. Y.....	250
2GW	Snowden, Fred.....	R. F. D. 49, Schenectady, N. Y.....	675
2KH	Solberg, Walter.....	620 Forty-sixth St., Brooklyn, N. Y.....	25
2GC	Sonn, Albert E.....	150 Second Ave., Newark, N. J.....	440
2IM	Spangenberg, Lester....	25 South Fourth St., Lakeview, N. J....	800
2BB	Sphar, Clark H.....	281 Mortimer Ave., Rutherford, N. J....	575
2FS	Stanley, Howard L.....	Main St., Babylon, N. Y.....	96
2AL	Stanley, Walter N.....	654 Putnam Ave., Brooklyn, N. Y.....	30
2KO	Stone, Brownell.....	1128 Bedford Ave., New York, N. Y.....	250
2JA	Story, Robert K., jr....	212 Hancock St., Brooklyn, N. Y.....	12
2LV	Stutz, Ernest W.....	126 Bainbridge St., Brooklyn, N. Y.....	15
2LS	Summers, William F....	216 Main St., Nyack, N. Y.....	40
2FG	Tannenbaum, Harold...	235 West One hundred and thirteenth St., New York, N. Y.	20
2LR	Taussig, Charles W.....	36 West Eighty-fifth St., New York, N. Y.	360
2IH	Tense, William F.....	48 Quincy St., Passaic, N. J.....	24
2EC	Thiede, Ferdinand C....	486 Decatur St., Brooklyn, N. Y.....	24
2CY	Tilton, Ernest R.....	Fort Totten, N. Y.....	250
2CP	Totten, Elmer E.....	92 Thirtieth St., Bayonne, N. J.....	12
2KB	Tyrrel, Randolph E....	677 East Nineteenth St., Brooklyn, N. Y.	250
2HD	Underwood, Kenneth C.	269 Mount Prospect Ave., Newark, N. J..	250
2KI	Uphoff, Leslie S.....	120 Avenue B, Schenectady, N. Y.....	500
2EN	Uzmann, J. George.....	5120 Sixth Ave., Brooklyn, N. Y.....	10
2CX	Van Dyke, John.....	155 West Eightieth St., New York, N. Y.	120
2MG	Vaughan, George W., jr.	48 South Ninth Ave., Mount Vernon, N. Y.	225

## AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watt.
2MB	Villar, Laurence G. ....	522 West One-hundred-and-eighty-fifth St., New York, N. Y.	6
2CV	Waibel, Walter W. ....	111 Fabyan Pl., Newark, N. J. ....	250
2DZ	Watters, John J. ....	Port Richmond, N. Y. ....	500
2FR	Way, John D. ....	214 West Ninety-second St., New York, N. Y.	280
2JJ	Webb, James L., jr. ....	1257 East Fortieth St., Brooklyn, N. Y. .	9
2MQ	Weber, Ernest A. ....	285 South Second St., New York, N. Y. .	18
2KZ	Weden, Charles. ....	97 Myrtle St., Bloomfield, N. J. ....	12
2FH	Weiss, Jacob. ....	5 Adams St., Port Washington, N. Y. ....	1,000
2JE	Wendelstadt, Lucius F. .	8 Seymour St., Montclair, N. J. ....	880
2IF	Werker, Charles A. ....	475 Brock Ave., New York, N. Y. ....	20
2KC	Werner, Charles M. ....	252 Cambridge Ave., Jersey City, N. J. . .	25
2GE	West, Thomas R. ....	256 Grand Ave., Leonia, N. J. ....	20
2GN	Westman, Alexander . .	121-7 East Fifty-eighth St., New York, N. Y.	48
2BW	Whitson, John H. ....	Briarcliff Manor, N. Y. ....	500
2FX	Wilhelm, Frederick. ....	1623 First Ave., New York, N. Y. ....	42
2EH	Wilmott, George B. ....	1138 East Thirty-seventh St., New York, N. Y.	100
2EA	Williams, Earl C. ....	261 Madison St., Perth Amboy, N. J. ....	300
2MJ	Williams, Roy D. ....	801 Halsey St., Brooklyn, N. Y. ....	24
2GA	Winn, Carl P. ....	1515 Forty-eighth St., Brooklyn, N. Y. . .	32
2ED	Winslow, Charles D. . .	1985 Amsterdam Ave., New York, N. Y. .	250
2FP	Woerner, Charles A. ....	247 Union St., Jersey City, N. J. ....	30
2LZ	Woodrow, William. ....	224 West One hundred and fortieth St., New York, N. Y.	880
2IW	Worth, John B. ....	Madison St., Cresskill, N. J. ....	30
2KG	Wriggins, Charles A. ....	18 Rodwell Ave., Irvington, N. J. ....	12
2BE	Yerbury, George S., jr. .	21 Irving Pl., Passaic, N. J. ....	100
2IT	Young, Henry. ....	179 Fourth St., Jersey City, N. J. ....	12
2HV	Zeit, Edwin. ....	404 Ralph St., Brooklyn, N. Y. ....	40
2DB	Zucker, Richard D. ....	45 Clinton Pl., Mount Vernon, N. Y. ....	250

AMATEUR RADIO STATIONS—SECOND DISTRICT—Continued.

ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
2AA	Flagg, John H.	2CG	Blodgett, Harry C.
2AB	Anderson, Lloyd C.	2CH	Driggs, Louis L., jr.
2AC	Hart, Gifford R.	2CI	Austin, Edward.
2AD	Dammers, Albert.	2CJ	Bathgate, Walter E.
2AE	Happe, William H.	2CK	O'Brien, Thomas.
2AF	Bryant, Marquis V.	2CL	Gildersleeve, Louis C.
2AG	Mulford, Harold C.	2CM	Huebner, Curtis J.
2AH	Edelman, Abraham.	2CN	Dickey, Edward T.
2AI	Eber, John G.	2CO	Morrell, W. Frank.
2AJ	Mahr, George W.	2CP	Totten, Elmer E.
2AK	Ferris, Howard E.	2CQ	Dilg, A. Norman.
2AL	Stanley, Walter N.	2CR	Blauvelt, William M.
2AM	Hasselbarth, Percy.	2CS	Pedersen, Guy O.
2AN	Sedlak, Conrad J.	2CT	Bunn, Milo B.
2AO	Jones, Robert O.	2CU	Palmland, Philip.
2AP	Smith, Irving R.	2CV	Waibel, Walter W.
2AQ	Corson, David N.	2CW	Hersh, Harry H.
2AR	Hackmann, William J.	2CX	Van Dyke, John.
2AS	De Yoe, Willard L.	2CY	Tilton, Ernest R.
2AT	Guild, Baldwin.	2CZ	Poe, Vergil C.
2AU	Bryan, Chester W.		
2AV	Buhlman, Charles F.	2DB	Zucker, Richard D.
2AW	Hall, Joseph H.	2DC	Kahn, Walter A.
2AX	Smith, David S.	2DD	Fitzgerald, Gordon P.
2AY	Gittelbauer, Frederick.	2DE	Ruttman, Ferdinand.
2AZ	Pearl, Eugene S.	2DF	McIntyre, Meybert A.
		2DG	Higgs, Harry Y.
2BA	Ash, Harry M., jr.	2DH	Eells, Wallace H.
2BB	Spahr, Clark H.	2DI	Cyriax, Ernest.
2BC	Kaltenbach, Harry J., jr.	2DJ	Schlitz, Karl W.
2BD	Banta, Theodore C.	2DK	Hill, William S.
2BE	Yerbury, George S., jr.	2DL	Price, Henry S.
2BF	Schell, Richard, jr.	2DM	Sachs, Harold.
2BG	Mowton, Edward M.	2DN	Cullen, Edward R.
2BH	Schulte, Carl.	2DO	Gerrity, John J.
2BI	Morgan, Waller V.	2DP	Coene, Edgar S.
2BJ	Seaman, Chapman W.	2DQ	Schwarzkopf, Irving M.
2BK	Green, Adoniram J.	2DR	Cooper, Telfer F.
2BL	Kirch, George.	2DS	Clark, Le Roy.
2BM	Heermance, Earle.	2DT	Shaw, Oswald M.
2BN	Griswold, Edmund J.	2DU	Smith, Joseph T.
2BO	Schermerhorn, Howard F.	2DV	Hathaway, Harry C. B.
2BP	Phipps, Donald A.	2DW	Hallahan, John.
2BQ	Ingraham, Wallace.	2DX	Seyd, Ernest K.
2BR	Krech, Karl G.	2DY	Palmer, Corydon.
2BS	Pearson, Herbert B.	2DZ	Watters, John J.
2BT	Barrett, Howard A.		
2BU	Eltz, George J., jr.	2EA	Williams, Earl C.
2BV	Aahmall, William E., jr.	2EB	Lowe, Graham von S.
2BW	Whitson, John H.	2EC	Thiede, Ferdinand C.
2BX	Brick, Frank R.	2ED	Winslow, Charles D.
2BY	Keller, Julius F.	2EE	Jacobs, Charles F.
2BZ	Lyman, C. Glenn.	2EG	Hurd, John B.
		2EH	Wilmott, George B.
2CA	Leidecker, Morris.	2EI	Quick, Henry C.
2CB	Schram, John, jr.	2EJ	Bechtloff, Claude B.
2CC	McKey, Dixie.	2EK	Fagan, James F.
2CD	Prosser, Rogers D.	2EL	Meyer, William E.
2CE	Muns, Robert.	2EM	Crosby, Ray C.
2CF	Demarest, Merritt.	2EN	Uzmann, J. George.

AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
2EO	Schneider, Alexander.	2GW	Snowden, Fred.
2EP	Mead, George S. V.	2GX	Fallon, Harry A., jr.
2EQ	Schedler, Herbert.	2GY	Hill, Cedric S.
2ER	Backer, William.	2GZ	Plate, Fred W.
2ES	Campbell, Robert, jr.		
2ET	England, George B.	2HA	McCoy, Daniel.
2EU	Droste, George T.	2HB	Northshield, L. E.
2EV	Hallock, Charles S.	2HC	Laque, Carl P.
2EW	Hamilton, Joseph E.	2HD	Underwood, Kenneth C.
2EX	Jackson, Benjamin B.	2HE	Sackett, Milton B.
2EY	McKinney, Fred J.	2HF	Coote, Charles W.
2EZ	Schupp, Charles H.	2HG	Peters, Frank J.
		2HH	Dederick, H. C.
2FA	Pfeifer, Clarence H.	2HI	Hotter, Walter J.
2FB	Pareis, Robert.	2HJ	Hadden, Walter.
2FC	Meersseman, Julian A.	2HK	Burrows, Henry P.
2FE	Cheel, Harold W.	2HL	Schippel, August, jr.
2FG	Tannenbaum, Harold.	2HN	Sands, Walter H.
2FH	Weiss, Jacob.	2HO	Lyons, William B.
2FI	Kirkpatrick, Louis W.	2HP	Mayhew, B. Alan, jr.
2FJ	Helwig, Herman F.	2HQ	MacDonald, Howard B.
2FK	Hamilton, Ralph.	2HR	Chandler, Arthur C.
2FL	Lehmann, August, jr.	2HS	O'Mara, Edward F.
2FM	Perkins, William P.	2HT	Macartney, George E.
2FN	Jamison, Herbert L.	2HU	Hotchkiss, Grosvenor.
2FO	Clark, William C.	2HV	Zeit, Edwin.
2FP	Woerner, Charles A.	2HW	Barrett, L. W.
2FQ	Hardwick, Ambrose H.	2HX	Lane, David M.
2FR	Way, John D.	2HY	Noonan, Edward J.
2FS	Stanley, Howard L.	2HZ	Reichfeld, Nicholas.
2FT	Bishop, Mortimer.		
2FU	Benzing, Herman.	2IA	Royce, Winfred A.
2FV	Behnken, Henry J.	2IB	Oliver, George E.
2FW	Macpherson, Claude V.	2IC	McGiehan, Donald C.
2FX	Wilhelm, Frederick.	2ID	Reyle, Stanley.
2FY	Hartman, Robert.	2IE	Lemmon, Walter S.
2FZ	Harris, Charles C.	2IF	Werker, Charles A.
		2IG	Merkt, T. B. J.
2GA	Winn, Carl P.	2IH	Tense, William F.
2GB	Bartlett, Bernard W.	2II	Howell, Walter J.
2GC	Sonn, Albert E.	2IJ	Cochran, Alexander.
2GD	Farquharson, John S.	2IK	Howe, David D.
2GE	West, Thomas R.	2IL	McClintock, George C.
2GF	Gabrielson, Henry M.	2IM	Spangenberg, Lester.
2GG	Dahlgren, Berger.	2IN	Scofield, Robert W.
2GH	Kelting, Clarence A.	2IO	Scharrenbeck, George H.
2GI	Bockelmann, Charles F.	2IP	Robin, Rev. Fernand.
2GJ	Beard, Gerald A.	2IQ	Elliott, Paul C.
2GK	Hubbard, John W.	2IR	Foulke, J. Brion, jr.
2GL	Marshall, Richard E.	2IS	Ricketts, Percy E.
2GM	Ballard, J. Adams.	2IT	Young, Henry.
2GN	Westman, Alexander.	2IU	Hickman, Cedric A.
2GO	Peltier, Paul D.	2IV	Lindsay, Russell.
2GP	Rutherford, T. Bruce.	2IW	Worth, John B.
2GQ	Eckhardt, John.	2IX	Bicak, Edward T.
2GR	Slagle, Edwin L.	2IY	Dugan, Edward W.
2GS	Dunn, Allison van V.	2IZ	Frazer, Frank.
2GT	Noller, Charles, jr.		
2GU	Inwright, John A.	2JA	Story, Robert K., jr.
2GV	Lindmark, Elmer S.	2JB	Schaefer, Charles L.

AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
2JC	Cowan, Clarence.	2KZ	Weden, Charles.
2JD	Boeder, Arthur.	2LA	Miller, Frederick R.
2JE	Wendelstadt, Lucius F.	2LB	Bertine, Edwin K.
2JF	Frey, Anthony C.	2LC	Roberts, A. Perry.
2JG	Merrihew, Randall W.	2LD	Cotter, William F.
2JH	Brown, David S., 3d.	2LE	Egolf, Richard S.
2JI	Eddy, L. E.	2LF	Bartlett, Charles H.
2JJ	Webb, James L., jr.	2LG	McLaughlin, Fred L.
2JK	Mitchell, Arthur M.	2LH	Sayres, Ralph A.
2JL	Brownell, Charles E.	2LI	Meacham, Frederick C., jr.
2JM	Hebert, Arthur A.	2LJ	Rodenburg, Herman.
2JN	Freeland, Wilbur W.	2LK	De Baun, Harold J.
2JO	Smith, Nelson V.	2LL	Benedict, Alonzo R.
2JP	Smith, Julius J. R.	2LM	Dunn, Laurence J.
2JQ	Merrill, Walter E.	2LN	Morrison, Clifford P.
2JR	Dietz, Burr V.	2LO	Coffin, Russell S.
2JS	Bruns, Henry H.	2LP	Green, R. J.
2JT	Ladow, Arthur C.	2LQ	Belt, Charles B.
2JU	Goette, C. J.	2LR	Tausseg, Charles W.
2JV	Lent, Richard C.	2LS	Summers, W. F.
2JW	Hofmann, Charles.	2LT	Galvin, Lee R.
2JX	De Cortin, Gustav A.	2LU	Baker, William N.
2JY	Rupert, S. E. G.	2LV	Stutz, Ernest W.
2JZ	Naylor, Walker.	2LW	Bartel, J. F.
2KA	Kroener, Christian.	2LX	Adelphi College.
2KB	Tyrrel, Randolph E.	2LY	Hoover, Raymond.
2KC	Werner, Charles M.	2LZ	Woodrow, William.
2KD	Browne, Walram S.	2MA	Hallenbeck, Charles.
2KE	Frey, George.	2MB	Villar, Laurence G.
2KF	Searing, Hudson R.	2MC	Roberts, Irving J.
2KG	Wriggins, Charles A.	2MD	Pendleton, Harold A.
2KH	Solberg, Walter.	2ME	Archibald, John O.
2KI	Uphoff, Leslie S.	2MF	Hoppock, Allen H.
2KJ	Beebe, Lloyd S.	2MG	Vaughan, George W., jr.
2KK	Day, Howard B.	2MH	Buchanan, William F.
2KL	Gregory, Arthur V.	2MI	Morris, Earle S.
2KM	Francis, Charles.	2MJ	Williams, Roy D.
2KN	Collison, Percy B.	2MK	Smith, Daniel W.
2KO	Stone, Brownell.	2ML	Quinby, E. J.
2KP	McClure, Donald.	2MM	Appar, Charles E.
2KQ	Edwards, Harry M., jr.	2MN	Carrougher, Vivian A.
2KR	Lebowitz, Samuel.	2MO	Ostman, Frederick B.
2KS	Shropshire, Lee R.	2MP	Pearsall, William E.
2KT	Saulnier, Stanley G.	2MQ	Weber, Ernest A.
2KU	Jackson, Edward C.	2MR	Atwater, Frank G., jr.
2KV	Rogers, Lorlys A.	2MS	Berri, Herbert.
2KW	Plummer, James A.	2MT	Leeb, Henry L.
2KX	Noble, Kendrick.	2MU	Hengerer, Howard B.
2KY	McLoughlin, Robert J.		



## AMATEUR RADIO STATIONS—Continued.

## THIRD DISTRICT.

[Headquarters: Customhouse, Baltimore, Md. The third district comprises the States of New Jersey (all counties not included in second district), Pennsylvania (counties of Philadelphia, Delaware, all counties south of the Blue Mountains, and Franklin County), Delaware, Maryland, Virginia, District of Columbia.]

## ALPHABETICALLY BY OWNERS OF STATIONS.

Call signal.	Owner of station.	Location of station.	Power. <i>Watts.</i>
2EB	Adam, Francis J.....	1240 North Broad St., Philadelphia, Pa...	440
3CA	Adelberger, Adrian J....	West Wayne Ave., Wayne, Pa.....	275
3CG	Adelberger, Francis.....	West Wayne Ave., Wayne, Pa.....	250
3KE	Allen, Francis H.....	171 West Broad St., Burlington, N. J....	200
3BM	Allen, George Y.....	Bernardsville, N. J.....	312
3BD	Allen, Percival R.....	Haverford, Pa.....	24
3IP	Anderson, Albert.....	313 Chestnut St., Camden, N. J.....	30
3BA	Anthony, William H ...	807 West Somerset St., Philadelphia, Pa...	96
3AX	Arner, Oscar Q.....	56 V St. NW., Washington, D. C.....	24
3AA	Ashmore, John W.....	3408 Hamilton St., Philadelphia, Pa.....	16
3CN	Ashton, Leon W.....	106 Washington Ave., Collingwood, N. J...	30
3JA	August, Earl W.....	3748 North Delhi St., Philadelphia, Pa...	72
3BV	Bacon, Franklin F.....	101 Mansion Ave., Haddonfield, N. J.....	300
3EN	Bailey, Albert S.....	31 Sixty-first St., Philadelphia, Pa.....	120
3DU	Bauman, F. J.....	160 Carson St., Philadelphia, Pa.....	60
3AJ	Bausman, George H.....	1228 North Broadway, Baltimore, Md....	75
3EM	Beaty, Lehman C.....	109 East Ave., Hackettstown, N. J.....	15
3JS	Beekley, Francis C.....	116 North Lemon St., Media, Pa.....	72
3JQ	Benson, Thomas W.....	2839 Swanson St., Philadelphia, Pa.....	36
3DC	Bergen, Donald M.....	920 Riverside Ave., Trenton, N. J.....	510
3JJ	Bergmann, Frederick J.	1310 Alleghany Ave., Philadelphia, Pa...	27
3BP	Blackwood, George E..	5346 Wayne Ave., Philadelphia, Pa.....	60
3GF	Blankenship, Elliott E..	920 Fifth St. NW., Washington, D. C....	24
3AY	Blodgett, Charles L.....	599 Rutherford Ave., Trenton, N. J.....	330
3GN	Board of Public Educa- tion.	Lehigh Ave. and Eighth St., Philadel- phia, Pa.	490
3KH	Bowen, Albert.....	2437 East Preston St., Baltimore, Md....	12
3HJ	Bradley, Horace E.....	315 V St. NW., Washington, D. C.....	36

## AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			Watts.
3BO	Brady, John B. ....	Somerset, Md. ....	220
3EV	Brannan, Julian L. ....	2632 Guilford Ave., Baltimore, Md. ....	100
3JW	Broadbelt, J. Edward, jr. ....	16 Hamilton Ave., Hamilton, Md. ....	18
3JH	Brockman, F. C. ....	3 North Main St., Nazareth, Pa. ....	775
3BK	Brown, Merritt M. ....	2417 Sixteenth St., Philadelphia, Pa. ....	36
3BQ	Bugbee, Newton A. ....	565 Rutherford Ave., Trenton, N. J. ....	330
3CP	Bunting, George M., jr. ....	315 Broad St., Chester, Pa. ....	500
3JI	Burdette, Aubrey W. ....	Adam St., Rockville, Md. ....	1,000
3AB	Butterworth, Horace D. ....	6952 Marsden St., Philadelphia, Pa. ....	15
3CO	Campbell, James S. ....	1700 South Sixtieth St., Philadelphia, Pa. ....	75
3BW	Campbell, John W. ....	1209 Twenty-fifth St., Philadelphia, Pa. ....	30
3BX	Carpenter, C. E., jr. ....	7417 Sprague St., Philadelphia, Pa. ....	250
3BG	Clark, Edwin T. ....	1244 Fitzgerald St., Philadelphia, Pa. ....	12
3CS	Cochran, A. Robb. ....	412 East Thirteenth St., Chester, Pa. ....	550
3II	Coin, Thornley. ....	5726 Delancy St., Philadelphia, Pa. ....	18
3CL	Coleman, Walter V. ....	2245 North Fifteenth St., Philadelphia, Pa. ....	30
2AO	Collier, Wilbur H. ....	820 West Fayette St., Baltimore, Md. ....	170
3FZ	Conley, Charles B. ....	709 North Thirty-ninth St., Philadelphia, Pa. ....	30
3IJ	Cooper, James W. ....	2043 North College Ave., Philadelphia, Pa. ....	60
3FY	Core, Christopher W. ....	907 East Leigh St., Richmond, Va. ....	32
3JZ	Costella, Pietro. ....	4313 Baltimore Ave., Philadelphia, Pa. ....	92
3BU	Cresse, Alfred J. ....	Cold Spring, N. J. ....	72
3BE	Critchlow, Samuel T. ....	2632 North Seventeenth St., Philadelphia, Pa. ....	24
3BR	Crothers, Harry W. ....	3033 Susquehanna St., Philadelphia, Pa. ....	24
3FB	Darby, George B., jr. ....	1 Bala Ave., Bala, Pa. ....	550
3FA	Davis, Edwin. ....	3812 Eighth St. NW., Washington, D. C. ....	490
3BI	Deery, Walter J. ....	5928 Pine St., Philadelphia, Pa. ....	330
3FN	Deichmiller, Alvin. ....	1323 South Carey St., Baltimore, Md. ....	24

## AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power
3FF	Dempeter, Warren J. . . . .	118 Cleveland St., Norwood, Pa. . . . .	5
3FR	Denston, E. Craig. . . . .	610 Poplar Grove, Baltimore, Md. . . . .	75
3JE	Dickerson, E. S., jr. . . . .	121 West Cedar Ave., Merchantville, N. J. . . . .	24
3DJ	Diggins, Edward P. G. . . . .	1631 Eager St., Baltimore, Md. . . . .	15
3EZ	Donovan, Edgar R. . . . .	2847 North Seventh St., Philadelphia, Pa. . . . .	15
3GE	Doolittle, Chas. M. . . . .	West Chester Turnpike, Upper Darby, Pa. . . . .	315
3FT	Dudley, DeWitt C. . . . .	3916 Market St., Philadelphia, Pa. . . . .	15
3HP	Duncan, Rodney P. . . . .	2039 North College Ave., Philadelphia, Pa. . . . .	100
3FS	Durkee, Alfred C. . . . .	5052 Ludlow St., Philadelphia, Pa. . . . .	440
3AK	Duvall, Edward B. . . . .	20 East Madison St., Baltimore, Md. . . . .	250
3FO	E. I. DuPont De Nemours Powder Co. . . . .	Tenth and Market Sts., Wilmington, Del. . . . .	445
3IH	Eisele, Edward, jr. . . . .	1116 Glenwood St., Philadelphia, Pa. . . . .	65
3FV	Edwards, Charles. . . . .	3345 Ella St., Philadelphia, Pa. . . . .	15
3CR	Ellis, William G. . . . .	2204 North Fifteenth St., Philadelphia, Pa. . . . .	270
3AW	Ely, Harry S. . . . .	215 South Washington St., Baltimore, Md. . . . .	275
3DR	Eyster, James A. . . . .	317 Washington Ave., Haddonfield, N. J. . . . .	540
3HU	Falconi, Louis. . . . .	617 Crawford St., Portsmouth, Va. . . . .	100
3HT	Falkenberg, August E. . . . .	512 Franklin Terrace, Baltimore, Md. . . . .	550
3CT	Farnham, Henry A. . . . .	313 V St. NE., Washington, D. C. . . . .	250
3IZ	Faunce, B. Warren . . . . .	26 Bala Ave., Bala, Pa. . . . .	30
3GM	Fellows, J. Howard. . . . .	5504 Wisconsin Ave., Washington, D. C. . . . .	30
3JU	Fenimore, Robert S. . . . .	1327 West North Ave., Baltimore, Md. . . . .	24
3CH	Ferris, Malcolm. . . . .	3409 Baring St., Philadelphia, Pa. . . . .	16
3HO	Fithian, William S., jr. . . . .	313 East Commerce St., Bridgeton, N. J. . . . .	550
3BH	Flather, Bryan S. . . . .	241 Fourteenth St. NE., Washington, D. C. . . . .	15
3AL	Flentje, George F. . . . .	2023 Eastern Ave., Baltimore, Md. . . . .	15
3DN	France, A. Ward. . . . .	3544 Eighteenth St., Philadelphia, Pa. . . . .	15
3GW	Frazier, George F. . . . .	Janvier, N. J. . . . .	30

## AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			Watts.
3JM	Freedom, Leon.....	Franklin and Fourteenth Sts., Baltimore, Md.	440
3EL	Frick, Henry W. L.....	801 Aisquith St., Baltimore, Md.....	330
3AE	Gaffney, James H.....	1427 East Hoffman St., Baltimore, Md....	80
3AI	Garrett, Curtis L.....	400 North Gilmore St., Baltimore, Md....	6
3CU	Gauss, Harry W.....	221 Fifth St. SE., Washington, D. C.....	32
3EC	Giffin, Sidney H.....	2614 North Calvert St., Baltimore, Md....	200
3AZ	Gillingham, Geo. L., jr..	4508 Richmond St., Bridesburg, Pa.....	440
3AR	Gilpin, Levering H....	2702 North Calvert St., Baltimore, Md..	770
3AV	Glaashoff, H. Irving....	126 North East Ave., Baltimore, Md.....	9
3IF	Godfrey, Earle.....	145 St. Charles Pl., Atlantic City, N. J....	550
3FG	Godfrey, James M.....	Forty-ninth St. and Florence Ave., Philadelphia, Pa.	75
3IB	Good, Horace D.....	514 Kerper St., Reading, Pa.....	24
3KB	Goodal, Alfred B.....	518 Rhode Island Ave. NE., Washington, D. C.	60
3JF	Gooding, Frederick R..	1517 Franklin St., Wilmington, Del.....	40
3CB	Grant, Ulysses S.....	28 Church St., Newton, N. J.....	90
3KF	Green, Anthony J.....	1112 South Lakewood St., Baltimore, Md.	10
3IO	Groves, Fred G.....	230 Earham Terrace, Philadelphia, Pa....	30
3JT	Hampson, George M.....	231 Newington Ave., Baltimore, Md.....	100
3JY	Hann, Charles B.....	Sudbrook Park, Baltimore, Md.....	48
3HQ	Happold, Harold H....	Union Ave., Bala, Pa.....	600
3IU	Hart, Reginald L., II..	233 Beech Tree Lane, Wayne, Pa.....	265
3FM	Hartley, Milton E.....	635 E St. SE., Washington, D. C.....	24
3ID	Hasenfus, Joseph F....	2328 North Fairhill St., Philadelphia, Pa..	75
3BN	Heisley, George E.....	1114 Monroe St. NW., Washington, D. C..	42
3BJ	Henderson, Frank.....	813 Highland Ave., Philadelphia, Pa....	275
3HM	Hickman, Paul.....	1917 Green St., Philadelphia, Pa.....	330
3JO	Hicks, A. Willet, jr....	3232 North Thirteenth St., Philadelphia, Pa.	60
3JX	Hoagland, Donald.....	43 Lake St., Bridgeton, N. J.....	180

## AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
3BT	Hoffman, W. Hollis . . .	Cold Spring, N. J. . . . .	15
3KK	Hofmann, George A. . . .	Engle Ave., Burlington, N. J. . . . .	35
3GD	Hofmeister, Charles P. . .	2711 Calvert St., Baltimore, Md. . . . .	15
3AQ	Hogan, Harold O. . . . .	2630 Guilford Ave., Baltimore, Md. . . . .	125
3GU	Hopkins, Robert E. . . . .	2428 Nicholas St., Philadelphia, Pa. . . . .	35
3CY	Hubbs, Edwin E. . . . .	145 East Washington Lane, Philadelphia, Pa.	150
3HZ	Huber, Charles E. . . . .	509 Washington St., Wilmington, Del. . . . .	240
3FJ	Huber, Francis M. . . . .	1313 South Carey St., Baltimore, Md. . . . .	45
3FW	Hunter, Edwin J. . . . .	2429 East Cumberland St., Philadelphia, Pa.	385
3FX	Hutchinson, Samuel J. . .	209 White Horse Pike, Haddon Heights, N. J.	440
3CJ	Imfield, Fred. . . . .	117 North Sixth St., Philadelphia, Pa. . . . .	330
3IE	Jacobson, Bernard H. . . .	Walnut Ave., near Edmondson, Baltimore, Md.	550
3HW	James, Herman. . . . .	239 Kaighn Ave., Camden, N. J. . . . .	15
3BL	Jaquett, Maurice J. . . . .	3155 Carlisle St., Philadelphia, Pa. . . . .	15
3CC	Jenkins, Russell L. . . . .	6804 Dittman St., Philadelphia, Pa. . . . .	450
3IG	Johnson, Earle K. . . . .	127 North Carolina Ave., South, Atlantic City, N. J.	150
3GG	Jones, Winters. . . . .	728 North Monroe St., Baltimore, Md. . . . .	12
3CV	Kelley, George W., jr. . . .	1738 Sixteenth St., Philadelphia, Pa. . . . .	275
3KC	Kendall, Raymond V. . . .	1813 Milton Ave., Baltimore, Md. . . . .	20
3EP	Kennedy, Joseph H. . . . .	2052 East Fletcher St., Philadelphia Pa. . . . .	275
3JB	Knebel, Arthur. . . . .	414 East Allegheny Ave., Philadelphia, Pa.	15
3GC	Knieriemen, Joseph. . . . .	Atco, N. J. . . . .	45
3IQ	Knoll, Lloyd M. . . . .	3260 Chestnut St., Philadelphia, Pa. . . . .	40
3JN	Korab, Harry E. . . . .	418 West Clay St., Richmond, Va. . . . .	490
3FQ	Krainer, James B. . . . .	Washington St., Laurel, Md. . . . .	330
3BB	Kralovec, Dalibor. . . . .	3535 North Water St., Philadelphia, Pa. . . . .	35
3HX	Kratz, Herman. . . . .	2001 West Pratt St., Baltimore, Md. . . . .	175

## AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
3EI	Kumler, Kelvin C. . . . .	Washington St., Kensington, Md. . . . .	330
3CF	Laager, Creston F. . . . .	4904 Thompeon St., Philadelphia, Pa. . . . .	18
3GV	Laber, Joseph M. . . . .	2422 Gratz St., Philadelphia, Pa. . . . .	15
3GZ	Laird, J. Ira. . . . .	25 Strode Ave., Coatesville, Pa. . . . .	30
3CW	Lange, John R. . . . .	1938 Lemmon St., Baltimore, Md. . . . .	16
3ER	Larrimore, James F. . . . .	1814 Calvert St., Baltimore, Md. . . . .	550
3HD	Larzelere, Lindley E. . . . .	305 Beechwood St., Jenkintown, Pa. . . . .	12
3JV	Lehr, William. . . . .	3912 Maine Ave., Baltimore, Md. . . . .	36
3BZ	Leister, Fayette. . . . .	Sixty-fifth and Jefferson Sts., Philadelphia, Pa. . . . .	36
3DW	Lowery, Norman S. . . . .	Second St., Laurel, Md. . . . .	45
3DI	Lowell, Percival D. . . . .	2838 Twenty-seventh St. NW., Washington, D. C. . . . .	330
3DX	Lukens, Wilfred P. . . . .	527 Spring Mill Ave., Conshohocken, Pa. . . . .	605
3GH	MacDonald, Stuart. . . . .	209 North Fifty-third St., Philadelphia, Pa. . . . .	330
3DM	MacFeeters, John . . . . .	1538 Gratz St., Philadelphia, Pa. . . . .	32
3EQ	Mackendrick, Robt. G. . . . .	211 Lenoir St., Wayne, Pa. . . . .	990
3GA	Magee, John W. . . . .	518 Apple St., West Conshohocken, Pa. . . . .	505
3ES	Martin, E. Linton. . . . .	315 Radcliffe St., Bristol, Pa. . . . .	64
3EO	Mater, Caleb R. . . . .	Beverly Road, Burlington, N. J. . . . .	180
3DO	Maxson, Donald L. . . . .	Baltimore St., Kensington, Md. . . . .	330
3GL	Meck, Michael. . . . .	1550 North Allison St., Philadelphia, Pa. . . . .	32
3IM	Mellon, Charles E. . . . .	116 Pennsylvania St., Coatesville, Pa. . . . .	400
3CD	Michaels, Herman L. . . . .	843 East Russell St., Philadelphia, Pa. . . . .	72
3DY	Miller, Frederick E. . . . .	3134 Rosewood St., Philadelphia, Pa. . . . .	18
3GQ	Miller, Kelly, jr. . . . .	430 College St. NW., Washington, D. C. . . . .	15
3IW	Mitchener, Harold G. . . . .	528 Swain St., Bristol, Pa. . . . .	18
3CK	Moody, Matthew C. . . . .	2509 South Sheridan St., Philadelphia, Pa. . . . .	12
3EK	Moore, Daniel D. . . . .	2308 Charles St., Baltimore, Md. . . . .	15
3IC	Morris, Edward P. . . . .	3114 D St., Philadelphia, Pa. . . . .	36

## AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power
3DL	Muniz, Manuel E. . . . .	901 South Sixtieth St., Philadelphia, Pa. . . . .	33
3HS	Murray, Eugene M. . . . .	Grays Lane, Haverford, Pa. . . . .	99
3HL	Nielson, Harold, jr. . . . .	8751 Frankford Ave., Holmesburg, Pa. . . . .	15
3KD	Noel, James F. . . . .	228 Second St. NE., Washington, D. C. . . . .	72
3GO	Norcross, Earl L. . . . .	216 Roberts Ave., Glenside, Pa. . . . .	36
3CI	Nordstrom, John W. . . . .	Gallitzin, Pa. . . . .	331
3HE	Parks, Laurence W. . . . .	12 South Yewdell St., Philadelphia, Pa. . . . .	22
3DS	Parks, Walther A. . . . .	901 Lawrence St. NE., Washington, D. C. . . . .	2
3AT	Parsons, Harry S. . . . .	13 North Carey St., Baltimore, Md. . . . .	1
3AP	Patzschke, August. . . . .	Old Harford Road, Hamilton, Md. . . . .	99
3GI	Pelham, Fred B. . . . .	603 Howard Pl. NW., Washington, D. C. . . . .	2
3DA	Peterson, Raymond E. . . . .	1602 South Frazier St., Philadelphia, Pa. . . . .	3
3IX	Philadelphia School of Wireless Telegraphy.	Park Building, Broad and Cherry Sts., Philadelphia, Pa.	44
3AD	Phillips, William J. . . . .	1530 Orleans St., Baltimore, Md. . . . .	25
3HH	Place, Samuel W. . . . .	662 Stanbridge St., Norristown, Pa. . . . .	60
3EH	Powell, Edwin H. . . . .	1206 East Capitol St., Washington, D. C. . . . .	3
3ED	Price, Thompson. . . . .	1600 Edgmont Ave., Chester, Pa. . . . .	66
3EJ	Primrose, Donald L. . . . .	1701 Park Pl., Baltimore, Md. . . . .	44
3IA	Puff, Stephen F. . . . .	222 Wildwood Ave., Wildwood, N. J. . . . .	6
3FE	Rabl, Samuel. . . . .	419 Third St., Baltimore, Md. . . . .	5
3EF	Reiff, W. Norman. . . . .	916 Fayette St., Conshohocken, Pa. . . . .	45
3DK	Richardson, Thomas L. . . . .	Curtis Bay, Quarantine, Md. . . . .	2
3HY	Richwien, Louis C. . . . .	2014 West Pratt St., Baltimore, Md. . . . .	2
3JC	Riley, Arthur J. . . . .	147 Bank St., Bridgeton, N. J. . . . .	35
3GX	Robinson, George C. . . . .	607 North Tenth St., Richmond, Va. . . . .	1
3KG	Rogers, Alfred K. . . . .	2313 North Charles St., Baltimore, Md. . . . .	9
3GB	Rohrich, George J. . . . .	Bethesda, Md. . . . .	6
3FP	Satterthwaite, Frank W. . . . .	715 North Fifth St., Reading, Pa. . . . .	33
3EW	Scheffey, Ralph. . . . .	346 Lafayette St., Bristol, Pa. . . . .	2

## AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			Watts.
3FK	Schleher, Paul H.....	1912 North Marvine St., Philadelphia, Pa.	32
3JG	Scholl, Warren.....	179 Kalso St., Wissahickon, Pa.....	54
3HN	Schuck, Leon H.....	2441 North Eighth St., Philadelphia, Pa..	550
3AU	Schultz, Henry.....	14 South Arlington Ave., Baltimore, Md..	275
3GT	Searle, William J., jr....	125 New St., Glenside, Pa.....	72
3EU	Shelley, Cheston.....	2612 Hampden St., Baltimore, Md.....	40
3AC	Simon, Henry.....	1234 Carroll St., Baltimore, Md.....	80
3FD	Simon, Walter.....	1234 Carroll St., Baltimore, Md.....	80
3HV	Sithens, Edward.....	3205 Susquehanna St., Philadelphia, Pa..	24
3DB	Smiley, Richard E.....	402 North Thirty-second St., Philadel- phia, Pa.	12
3DQ	Smith, G. Victor.....	300 Mill St., Bristol, Pa.....	800
3DF	Smith, Randolph.....	2647 North Calvert St., Baltimore Md....	330
3FH	Smith, Sewall P.....	Wyndcrest Ave., Catonsville, Md.....	440
3HG	Smith, W. P.....	5043 Summer St., Philadelphia, Pa.....	18
3JR	Snow, Harold A.....	4715 Wisconsin Ave., Washington, D. C..	30
3IK	Snyder, Harry H.....	Cold Spring, N. J.....	60
3EG	Snyder, James R.....	319 Vassar Ave., Swarthmore, Pa.....	550
3GJ	Sorenson, Christian.....	4400 Baltimore Ave., Philadelphia, Pa...	36
3DH	Stahl, Harry E., jr.....	275 Bellevue Ave., Trenton, N. J.....	14
3KI	Stanley, John S.....	Laurel, Md.....	30
3BY	Statz, Henry M.....	709 Euclid St. NW., Washington, D. C....	48
3GY	Staub, James.....	Sluice Road, Burlington Township, N. J..	60
3BC	Stephen, C. Chester.....	Laurel Springs, N. J.....	72
3HI	Stepp, John W.....	630 Morton St. NW., Washington, D. C..	80
3JP	Sterns, Morton W.....	29 Main St., Bethlehem, Pa.....	24
3HK.	Stokes, Josiah T.....	15 West Stiles Ave., Collingwood, N. J...	24
3IT	Stritzel, Alfred H.....	12 North Carolina Ave. South, Atlantic City, N. J.	250
3AS	Stumptner, Albert G...	Old Harford Rd., Hamilton, Md.....	440
3DE	Tallman, Frank G., jr...	1102 Broome St., Wilmington, Del.....	550



## AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power
3HB	Taylor, S. L. McD.....	321 Mohawk Ave., Norwood, Pa.....	5
3BF	Teller, Leslie W.....	4012 Seventh St. NW., Washington, D. C.	600
3HC	Thackeray, Samuel J....	4232 Paul St., Philadelphia, Pa.....	15
3HR	Thornton, Earl H.....	131 East Durham St., Philadelphia, Pa..	550
3CX	Toboldt, William K....	2412 North Sixteenth St., Philadelphia, Pa.	30
3IY	Tolbert, Warren.....	7037 Hegerman St., Philadelphia, Pa....	14
3AH	Triede, Carl L.....	2402 East Baltimore St., Baltimore, Md..	315
3GK	Troth, Raymond H.....	3350 North Eighteenth St., Philadelphia, Pa.	30
3DV	Uphoff, Frank B.....	3649 York Rd., Philadelphia, Pa.....	15
3CM	Van Horn, J. Clunn....	7 Rutledge St., Rutledge, Pa.....	1,000
3IN	Vogel, Charles E.....	1244 Taney St., Philadelphia, Pa.....	15
3EX	Vogts, Wade C.....	Second St., Laurel, Md.....	54
3HF	Wakefield, C. Bishop...	33 West Spring St., Merchantville, N. J..	30
3IR	Wallace, Lewis J.....	2728 Poplar St., Philadelphia, Pa.....	15
3AN	Walsh, Maurice L.....	819 West Lexington St., Baltimore, Md..	1,000
3AG	Weant, Clarence H.....	1546 Aisquith St., Baltimore, Md.....	100
3IS	Weaver, Howard A.....	5545 Webster St., Philadelphia, Pa.....	24
3FC	Weik, Charles F.....	7148 Vandyke St., Philadelphia, Pa.....	12
3DT	Wells, William C., jr...	124 South Thirty-sixth St., Philadelphia, Pa.	495
3AF	Weest, William M.....	1407 North Central Ave., Baltimore, Md..	30
3FI	Wever, John A.....	238 South Patterson Park Ave., Balti- more, Md.	21
3CZ	Wheatley, Douglas N....	405 Thirty-second St., Philadelphia, Pa..	45
3DG	White, Norman P.....	19 General Greene Ave., Trenton, N. J...	15
3FL	Wiler, William L.....	... 1735 Arch St., Philadelphia, Pa.....	15
3JK	Wilson, Edward C.....	Park Ave. and Lauren St., Baltimore, Md.	65
3AM	Wise, Leonard J.....	419 North Patterson Park Ave., Balti- more, Md.	8

AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
3HA	Wiseman, Luther B....	330 W St. NW., Washington, D. C.....	16
3JD	Wolcott, Roger G.....	224 Forty-first St., Norfolk, Va.....	104
3BS	Wolff, William J.....	2422 South Iseminger St., Philadelphia, Pa.	24
3GR	Wood, Richard M.....	West Forty-first St., Baltimore, Md.....	330
3DD	Work, Ashton G.....	807 St. Charles Pl., Ocean City, N. J.....	250
3KJ	Worrest, Howard A.....	627 North Duke St., Lancaster, Pa.....	45
3EA	Wright, Clifton P.....	1525 North Eden St., Baltimore, Md.....	84
3FU	Wunder, William F....	5801 Germantown St., Philadelphia, Pa..	80
3CQ	Yeager, George R.....	718 American St., Philadelphia, Pa.....	50
3EE	Zinn, Richard S.....	3325 Spring Garden St., Philadelphia, Pa.	40

ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
3AA	Ashmore, John W.	3BD	Allen, Percival R.
3AB	Butterworth, Horace D.	3BE	Critchlow, Samuel T.
3AC	Simon, Henry.	3BF	Teller, Leslie W.
3AD	Phillips, William J.	3BG	Clark, Edwin T.
3AE	Gaffney, James H.	3BH	Flather, Bryan S.
3AF	West, William M.	3BI	Deery, Walter J.
3AG	Weant, Clarence H.	3BJ	Henderson, Frank.
3AH	Triede, Carl L.	3BK	Brown, Merritt M.
3AI	Garrett, Curtis L.	3BL	Jaquett, Maurice J.
3AJ	Bausman, George H.	3BM	Allen, George Y.
3AK	Duvall, Edward B.	3BN	Heisley, George E.
3AL	Flentje, George F.	3BO	Brady, John B.
3AM	Wise, Leonard J.	3BP	Blackwood, George E.
3AN	Walsh, Maurice L.	3BQ	Bugbee, Newton A.
3AO	Collier, Wilbur H.	3BR	Crothers, Harry W.
3AP	Patzschke, August.	3BS	Wolff, William J.
3AQ	Hogan, Harold O.	3BT	Hoffman, W. Hollis.
3AR	Gilpin, Levering H.	3BU	Cresse, Alfred J.
3AS	Stumptner, Albert G.	3BV	Bacon, Franklin F.
3AT	Parsons, Harry S.	3BW	Campbell, John W.
3AU	Schultz, Henry.	3BX	Carpenter, C. E., jr.
3AV	Glashoff, H. Irving.	3BY	Statz, Henry M.
3AW	Ely, Harry S.	3BZ	Leister, Fayette.
3AX	Arner, Oscar Q.		
3AY	Blodgett, Charles L.	3CA	Adelberger, Adrian J.
3AZ	Gillingham, George L., jr.	3CB	Grant, Ulysses S.
		3CC	Jenkins, Russell L.
3BA	Anthony, Wm. H.	3CD	Michaels, Herman L.
3BB	Kralovec, Dalibor.	3CF	Laager, Creston F.
3BC	Stephen, C. Chester.	3CG	Adelberger, Francis.

AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
3CH	Ferris, Malcolm.	3ER	Larrimore, James F.
3CI	Nordstrom, John W.	3ES	Martin, E. Linton.
3CJ	Imfield, Fred.	3EU	Shelley, Cheston.
3CK	Moody, Matthew C.	3EV	Brannan, Julian L.
3CL	Coleman, Walter V.	3EW	Scheffey, Ralph.
3CM	Van Horn, J. Clunn.	3EX	Vogts, Wade C.
3CN	Ashton, Leon W.	3EZ	Donovan, Edgar R.
3CO	Campbell, James S.		
3CP	Bunting, George M., jr.	3FA	Davis, Edwin.
3CQ	Yeager, George R.	3FB	Darby, George B., jr.
3CR	Ellis, William G.	3FC	Weik, Charles F.
3CS	Cochran, A. Robb.	3FD	Simon, Walter.
3CT	Farnham, Henry A.	3FE	Rabl, Samuel.
3CU	Gauss, Harry W.	3FF	Dempster, Warren J.
3CV	Kelley, George W., jr.	3FG	Godfrey, James M.
3CW	Lange, John R.	3FH	Smith, Sewall P.
3CX	Toboldt, William K.	3FI	Wever, John A.
3CY	Hubba, Edwin E.	3FJ	Huber, Francis M.
3CZ	Wheatley, Douglas M.	3FK	Schleher, Paul H.
		3FL	Wiler, William L.
3DA	Peterson, Raymond E.	3FM	Hartley, Milton E.
3DB	Smiley, Richard E.	3FN	Deichmiller, Alvin.
3DC	Bergen, Donald M.	3FO	E. I. DuPont DeNemours Powder Co.
3DD	Work, Ashton G.	3FP	Satterthwaite, Frank W.
3DE	Tallman, Frank G., jr.	3FQ	Krainer, James B.
3DF	Smith, Randolph.	3FR	Denston, E. Craig.
3DG	White, Norman P.	3FS	Durkee, Alfred C.
3DH	Stahl, Harry E., jr.	3FT	Dudley, De Witt C.
3DI	Lowell, Percival D.	3FU	Wunder, William F.
3DJ	Diggins, Edward P. G.	3FV	Edwards, Charles.
3DK	Richardson, Thomas L.	3FW	Hunter, Edwin J.
3DL	Muniz, Manuel E.	3FX	Hutchinson, Samuel J.
3DM	MacFeeters, John.	3FY	Core, Christopher W.
3DN	France, A. Ward.	3FZ	Conley, Charles B.
3DO	Maxson, Donald L.		
3DQ	Smith, G. Victor.	3GA	Magee, John W.
3DR	Eyster, James A.	3GB	Rohrich, George J.
3DS	Parks, Walther A.	3GC	Knieriemen, Joseph.
3DT	Wells, William C., jr.	3GD	Hofmeister, Charles P.
3DU	Bauman, F. J.	3GE	Doolittle, Charles M.
3DV	Uphoff, Frank B.	3GF	Blankenship, Elliott E.
3DW	Lowery, Norman S.	3GG	Jones, Winters.
3DX	Lukens, Wilfred P.	3GH	MacDonald, Stuart.
3DY	Miller, Frederick E.	3GI	Pelham, Fred B.
3EA	Wright, Clifton P.	3GJ	Sorenson, Christian.
3EB	Adam, Francis J.	3GK	Troth, Raymond H.
3EC	Giffin, Sidney H.	3GL	Meck, Michael.
3ED	Price, Thompson.	3GM	Fellows, J. Howard.
3EE	Zinn, Richard S.	3GN	Board of Public Education. Philadelphia, Pa.
3EF	Reiff, W. Norman.		
3EG	Snyder, James R.	3GO	Norcroes, Earl L.
3EH	Powell, Edwin H.	3GQ	Miller, Kelly, jr.
3EI	Kumler, Kelvin C.	3GR	Wood, Richard M.
3EJ	Primrose, Donald L.	3GT	Searle, William J., jr.
3EK	Moore, Daniel D.	3GU	Hopkins, Robert E.
3EL	Frick, H. W. L.	3GV	Laber, Joseph M.
3EM	Beaty, Lehman C.	3GW	Frazier, George F.
3EN	Bailey, Albert S.	3GX	Robinson, George C.
3EO	Mater, Caleb R.	3GY	Staub, James.
3EP	Kennedy, Joseph H.	3GZ	Laird, J. Ira.
3EQ	Mackendrick, Robert G.		

AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
3HA	Wiseman, Luther B.	3IT	Stritzel, Alfred H.
3HB	Taylor, S. L. McD.	3IU	Hart, Reginald L., II.
3HC	Thackeray, Samuel J.	3IW	Mitchener, Harold G.
3HD	Larzelere, Lindley E.	3IX	Philadelphia School of Wireless Telegraphy.
3HE	Parks, Laurence W.	3IY	Tolbert, Warren.
3HF	Wakefield, C. Bishop.	3IZ	Faunce, B. Warren.
3HG	Smith, W. P.		
3HH	Place, Samuel W.	3JA	August, Earl W.
3HI	Stepp, John W.	3JB	Knebel, Arthur.
3HJ	Bradley, Horace E.	3JC	Riley, Arthur J.
3HK	Stokes, Josiah T.	3JD	Wolcott, Roger G.
3HL	Nielson, Harold, jr.	3JE	Dickerson, E. S., jr.
3HM	Hickman, Paul.	3JF	Gooding, Frederick R.
3HN	Schuck, Leon H.	3JG	Scholl, Warren.
3HO	Fithian, William S., jr.	3JH	Brockman, F. C.
3HP	Duncan, Rodney P.	3JI	Burdette, Aubrey W.
3HQ	Happold, Harold H.	3JJ	Bergmann, Frederick J.
3HR	Thornton, Earl H.	3JK	Wilson, Edward C.
3HS	Murray, Eugene M.	3JM	Freedom, Leon.
3HT	Falkenberg, August E.	3JN	Korab, Harry E.
3HU	Falconi, Louis.	3JO	Hicks, A. Willet, jr.
3HV	Sithens, Edward.	3JP	Sterns, Morton W.
3HW	James, Herman.	3JQ	Benson, Thomas W.
3HX	Kratz, Herman.	3JR	Snow, Harold A.
3HY	Richwein, Louis C.	3JS	Beekley, Francis C.
3HZ	Huber, Charles E.	3JT	Hampson, George M.
		3JU	Fenimore, Robert S.
3IA	Puff, Stephen F.	3JV	Lehr, William.
3IB	Good, Horace D.	3JW	Broadbelt, J. Edward, jr.
3IC	Morris, Edward P.	3JX	Hoagland, Donald.
3ID	Hasenfus, Joseph F.	3JY	Hann, Charles B.
3IE	Jacobson, Bernard H.	3JZ	Costella, Pietro.
3IF	Godfrey, Earle.		
3IG	Johnson, Earle K.	3KB	Goodal, Alfred B.
3IH	Eisele, Edward, jr.	3KC	Kendall, Raymond V.
3II	Coin, Thornley.	3KD	Noel, James F.
3IJ	Cooper, James W.	3KE	Allen, Francis H.
3IK	Snyder, Harry H.	3KF	Green, Anthony J.
3IM	Mellon, Charles E.	3KG	Rogers, Alfred K.
3IN	Vogel, Charles E.	3KH	Bowen, Albert.
3IO	Groves, Fred G.	3KI	Stanley, John S.
3IP	Anderson, Albert.	3KJ	Worrest, Howard A.
3IQ	Knoll, Lloyd M.	3KK	Hofmann, George A.
3IR	Wallace, Lewis J.		
3IS	Weaver, Howard A.		

FOURTH DISTRICT.

[Headquarters: Customhouse, Savannah, Ga. The fourth district comprises the States of North Carolina, South Carolina, Georgia, Florida, and the Territory of Porto Rico.]

ALPHABETICALLY BY OWNERS OF STATIONS.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
4AN	Adams, George G.....	45 Whitaker St., Savannah, Ga.....	20
4AU	Avera, W. W.....	Watkinsville, Ga.....	30
4AL	Bangs, Philip C.....	918 East Duffy St., Savannah, Ga.....	350

## AMATEUR RADIO STATIONS—FOURTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
4AA	Bradberry, Alfred S. . . .	806 College Ave., Athens, Ga. . . . .	500
4AS	Brandon, Beverly A. . . . .	1408 Main St., Jacksonville, Fla. . . . .	300
4AX	Cole, Raymond J. . . . .	1712 Silver St., Jacksonville, Fla. . . . .	250
4AW	Crevasse, Joe N. . . . .	1605 Boulevard St., Jacksonville, Fla. . . . .	165
4AZ	Dunk, Thomas R. . . . .	1424 Laura St., Jacksonville, Fla. . . . .	300
4AT	Ehle, Frank R. . . . .	1337 Liberty St., Jacksonville, Fla. . . . .	220
4AE	Flagg, John F. . . . .	118 Forest St., Jacksonville, Fla. . . . .	900
4BE	Fowler, Carl A. . . . .	S. N. S. Station, Athens, Ga. . . . .	125
4AB	Funk, Arthur. . . . .	228 West Liberty St., Savannah, Ga. . . . .	300
4AH	Jarvis, Parkhill O. . . . .	26 Pollock St., Newbern, N. C. . . . .	120
4BA	Lewis, Claude A. . . . .	128 West Bay St., Savannah, Ga. . . . .	575
4AR	Marbury, Ralph E. . . . .	26 Wesley St., Newnan, Ga. . . . .	500
4BC	Marx, Earl I. . . . .	1654 Main Street., Jacksonville, Fla. . . . .	300
4AG	Miller, Walter H. . . . .	402 West Oglethorpe St., Savannah, Ga. . . . .	300
4AJ	Moore, Victor W. . . . .	147 Nacoochee Ave., Athens, Ga. . . . .	250
4AY	Moseley, Charles V. . . . .	815 Mulberry St., Columbia, S. C. . . . .	20
4AP	Peer, Emmitt E. . . . .	419 West Duval St., Jacksonville, Fla. . . . .	800
4AI	Pope, Wilbur B. . . . .	197 Dearing St., Athens, Ga. . . . .	594
4BB	Rankin, Robert G., jr. . . . .	3 North Ninth St., Wilmington, N. C. . . . .	16
4BF	Rankin, Robert G., jr. . . . .	Chadbourn St., Wrightsville Beach, N. C. . . . .	22
4AC	Rice, Elmer I. . . . .	1702 East Duval St., Jacksonville, Fla. . . . .	880
4AM	Sebastian, Lawrence F. . . . .	224 Parker St., Jacksonville, Fla. . . . .	10
4BD	Speight, Marshall C. . . . .	5 Johnson St., Newbern, N. C. . . . .	100
4BG	Stanton, Alvin G. . . . .	1031 Highway Ave., Jacksonville, Fla. . . . .	27
4AD	Steinhauser, Elmer. . . . .	19 West Gordon St., Savannah, Ga. . . . .	300
4AF	Stringfellow, Fred. . . . .	East Main St., Gainesville, Fla. . . . .	500
4AO	Swearingen, Thos. J., jr. . . . .	403 Prariur Ave., Gainesville, Fla. . . . .	990
4AV	Treisback, Robert T. . . . .	2228 Riverside Ave., Jacksonville, Fla. . . . .	500
4BA	White, Manning . . . . .	128 West Bay St., Savannah, Ga. . . . .	575
4AK	Whiting, Charles T. . . . .	R. F. D. No. 6, Gainesville, Fla. . . . .	770

AMATEUR RADIO STATIONS—FOURTH DISTRICT—Continued.

ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
4AA	Bradberry, Alfred S.	4AS	Brandon, Beverly A.
4AB	Funk, Arthur.	4AT	Ehle, Frank R.
4AC	Rice, Elmer L.	4AU	Avera, W. W.
4AD	Steinhauser, Elmer.	4AV	Treisback, Robert T.
4AE	Flagg, John F.	4AW	Crevasse, Joe N.
4AF	Stringfellow, Fred.	4AX	Cole, Raymond J.
4AG	Miller, Walter H.	4AY	Moeley, Charles V.
4AH	Jarvis, Parkhill O.	4AZ	Dunk, Thomas R.
4AI	Pope, Wilbur B.		
4AJ	Moore, Victor W.	4BA	Lewis, Claude A., and White, Manning.
4AK	Whiting, Charles T.	4BB	Rankin, Robert G., jr.
4AL	Bangs, Philip C.	4BC	Marx, Earl I.
4AM	Sebastian, Lawrence F.	4BD	Speight, Marshall C.
4AN	Adams, George G.	4BE	Fowler, Carl A.
4AO	Swearingen, Thos. J., jr.	4BF	Rankin, Robert G., jr.
4AP	Peer, Emmitt E.	4BG	Stanton, Alvin G.
4AR	Marbury, Ralph E.		

FIFTH DISTRICT.

[Headquarters: Customhouse, New Orleans, La. The fifth district comprises the States of Alabama, Mississippi, Louisiana, Texas, Tennessee, Arkansas, Oklahoma, New Mexico.]

ALPHABETICALLY BY OWNERS OF STATIONS.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
5AJ	Albertson, Clarence E.	416 Park Ave., Tupelo, Miss.....	500
5AS	Bastian, Royal R.....	5523 Saratoga St., New Orleans, La.....	400
5AR	Beynon, Eugene T.....	604 Artesian St., Corpus Christi, Tex....	295
5AM	Brownell, Harold S....	1512 Phelan St., Birmingham, Ala.....	500
5AC	Budwig, Gilbert G.....	1404 Seventeenth Ave., Birmingham, Ala.	500
5AO	Buster, John A.....	316 Main St., Brenham, Tex.....	270
5AK	Daly, Thomas J. M.....	Covington, Tenn.....	1,000
5AQ	Goldstein, Henry R....	1819 Octavia St., New Orleans, La.....	75
5AE	Jones, Ralph.....	1103 Gibson St., Muskogee, Okla.....	20
5AA	Knight, Eugene B.....	2501 Battery St., Little Rock, Ark.....	1,000
5AH	Martin, Ben W.....	438 Spring Hill Ave., Mobile, Ala.....	660
5AG	Martin, Stanley.....	219 North K St., Muskogee, Okla.....	500
5AF	Meyer, William F.....	2610 Ringo St., Little Rock, Ark.....	150
5AI	Ratcliff, Fred.....	1207 East Ninth St., Shawnee, Okla.....	21
5AL	Reboul, Theophile.....	2106 Chartres St., New Orleans, La.....	150
5AD	Rorschach, Harold E.....	619 North E St., Muskogee, Okla.....	250

## AMATEUR RADIO STATIONS—FIFTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
5AB	Scalco, Joe R. ....	1102 Eighth Ave., Birmingham, Ala. ....	500
5AP	Thompson, Vance. ....	267 Pasadena Pl., Memphis, Tenn. ....	330
5AT	Vickers, Alwyn. ....	508 Clayton St., Montgomery, Ala. ....	12
5AN	Watkins, Will O. ....	203 First Ave., Birmingham, Ala. ....	500

## ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
5AA	Knight, Eugene B.	5AK	Daly, Thomas J. M.
5AB	Scalco, Joe R.	5AL	Reboul, Theophile.
5AC	Budwig, Gilbert C.	5AM	Brownell, Harold S.
5AD	Rorshach, Harold E.	5AN	Watkins, Will O.
5AE	Jones, Ralph.	5AO	Buster, John A.
5AF	Meyer, William F.	5AP	Thompson, Vance.
5AG	Martin, Stanley.	5AQ	Goldstein, Henry R.
5AH	Martin, Ben W.	5AR	Beynon, Eugene T.
5AI	Ratcliff, Fred.	5AS	Bastian, Royal R.
5AJ	Albertson, Clarence E.	5AT	Vickers, Alwyn.

## SIXTH DISTRICT.

[Headquarters: Customhouse, San Francisco, Cal. The sixth district comprises the States of California, Nevada, Utah, Arizona, and the Territory of Hawaii.]

## ALPHABETICALLY BY OWNERS OF STATIONS.

Call signal.	Owner of station.	Location of station.	Power. Watts.
6DS	Adams, Charles C. ....	704 East Twenty-first St., Los Angeles, Cal.	750
6LD	Anderlini, Louis. ....	2012 Keith St., San Francisco, Cal. ....	32
6WA	Anthes, William F., jr. ...	230 South Seventh Street, San Jose, Cal. ...	20
6DM	Archer, Robert. ....	2912 South Flower St., Los Angeles, Cal. ...	30
6FA	Arnberger, Frank, jr. ....	3230 Garfield Ave., Alameda, Cal. ....	1, 000
6AA	Aster, Alvin K. ....	1814 Alameda Ave., Alameda, Cal. ....	500
6EG	Aten, Arthur B. ....	62 Hurlbert St., Pasadena, Cal. ....	200
6BQ	Baer, Charles M. ....	Cupertino, Cal. ....	15
6MB	Baden, Merle L. ....	2637½ Piedmont Ave., Berkeley, Cal. ....	1, 000
6ER	Bailey, Cecil. ....	R. F. D. No. 18, Los Altos, Cal. ....	4
6BN	Ballerini, Melvin. ....	419 Randolph St., Napa, Cal. ....	50

AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
6BX	Barrett, Eldridge D. ....	720 Capp St., San Francisco, Cal. ....	7
6DN	Barry, Gilbert. ....	423 West Twenty-eighth St., Los Angeles, Cal.	110
6BY	Barstow, William R. ....	514 Twenty-third St., Oakland, Cal. ....	
6LB	Barton, Larry J. ....	19 Crystal Springs Road, San Mateo, Cal. .	1,000
6JD	Battle, James W. ....	110 West Whiting St., Fullerton, Cal. ....	1,000
6BP	Bauer, Roy M. ....	402 South Jefferson St., Napa, Cal. ....	35
6DY	Beaman, David E. ....	1306 Peralta Ave., Berkeley, Cal. ....	250
6EJ	Bean, Arthur E. ....	1450 Washington St., San Francisco, Cal. .	440
6AJ	Bean, James. ....	1775 Alameda Ave., San Jose, Cal. ....	40
6FU	Bergstrom, Bernard. ....	Turlock, Cal. ....	1,000
6LX	Berlin, Latham. ....	1525 Chestnut St., Alameda, Cal. ....	495
6BJ	Berringer, Hall. ....	6 Arundel Road, Burlingame, Cal. ....	300
6WR	Bilger, Anson S. ....	407 Vernon St., Oakland, Cal. ....	550
6SB	Bisson, Charles S. ....	1734 Channing Way, Berkeley, Cal. ....	330
6EO	Blake, Albert W. ....	1055 Lincoln St., Pasadena, Cal. ....	60
6LA	Blockman, Lawrence G.	3260 First St., San Diego, Cal. ....	500
6WB	Booth, Wilber. ....	2229 Ashby Ave., Berkeley, Cal. ....	770
6GB	Bowlus, Glen H. ....	Paxton Ave., San Francisco, Cal. ....	120
6PB	Bradley, Philip L. ....	523 Nineteenth Ave., San Francisco, Cal. .	500
6AL	Brandis, Fred A. ....	214 West San Carlos St., San Jose, Cal. ....	30
6ND	Breck, F. B. ....	285 Mather St., Oakland, Cal. ....	550
6FV	Brockett, Charles. ....	248 Olive St., Los Angeles, Cal. ....	250
6JB	Brown, Julian T. ....	2604 East Second St., Los Angeles, Cal. . .	500
6DA	Brown, Ralph E. ....	837 East Twenty-second St., Los Angeles, Cal.	250
6AP	Brown, Victor. ....	520 Second St., San Jose, Cal. ....	500
6RB	Brumter, Ralph. ....	1214 E St., San Diego, Cal. ....	218
6AM	Buckley, Ernest V. ....	327 Martin Ave., San Jose, Cal. ....	30
6FY	Buell, Clarence R. ....	732 Fifty-sixth St., Oakland, Cal. ....	110
6EC	Burnett, Walter. ....	408 Lake Shore Ave., Los Angeles, Cal. ....	350



## AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			Watts.
6DZ	Caldwell, Duncan K....	427 Crane Ave., Turlock, Cal.....	330
6AC	Capwell, Cebert.....	Oakland Ave., Oakland, Cal.....	270
6FC	Carey, Francis K.....	2116 Thompson St., Los Angeles, Cal.....	235
6AG	Chamberlain, Leon H....	553 Twenty-seventh St., Oakland, Cal.....	550
6JZ	Charters, John E.....	2606 East First St., Los Angeles, Cal.....	250
6JC	Chase, John H.....	1323 Lemon St., Riverside, Cal.....	300
6EZ	Christie, Edwin.....	1052 Cole St., San Francisco, Cal.....	.....
6AU	Clark, Paul.....	898 South Eighth St., San Jose, Cal.....	18
6DD	Clark, Victor M.....	1336 East Colorado St., Pasadena, Cal.....	600
6LC	Comins, Frank L.....	Main St., Niles, Cal.....	500
6DI	Cookson, Howard A.....	465 University Ave., Palo Alto, Cal.....	1, 000
6RC	Cook, Ralph.....	1221 Oxford St., Berkeley, Cal.....	357
6CY	Cooper, Charles P.....	66 Linda Ave., Oakland, Cal.....	330
6CA	Corby, Grant W.....	1129 West Sixth St., Los Angeles, Cal....	330
6WC	Cornish, Warren D.....	312 Central Ave., Pacific Grove, Cal.....	25
6HC	Craig, Harold F.....	696 Second St., San Pedro, Cal.....	330
6FX	Cross, Fred M.....	144 North Beaudry St., Los Angeles, Cal.	500
6DE	Curtis, Burbank.....	832 Linden St., Long Beach, Cal.....	250
6WI	Cusick, William.....	2595 Folsom St., San Francisco, Cal.....	250
6MD	Davids, Mark.....	958 Grand View, Los Angeles, Cal.....	275
6BS	Davidson, G. E.....	419 Sixth St., Richmond, Cal.....	250
6EP	Davis, Elwood.....	876 Orange Grove, Pasadena, Cal.....	500
6EF	Dawson, Percy.....	133 Delacy St., Pasadena, Cal.....	200
6FD	Deardorf, Francis H....	Los Altos, Cal.....	12
6AQ	De La Cruz, George.....	706 San Carlos St., San Jose, Cal.....	12
6EN	de Neuf, Emil A.....	1538 Russell St., Berkeley, Cal.....	30
6DW	De Wald, Alfred.....	Felton, Cal.....	80
6HD	Dickow, Henry.....	413 Twenty-sixth Ave., San Francisco, Cal.	500
6HG	Dilberger, Harold A....	1015 Myrtle St., Oakland, Cal.....	220
6KE	Dogan, Kenneth.....	1115 Cole St., San Francisco, Cal.....	.....

## AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
6AZ	Downing, Alan S. ....	2510 Fruitvale Ave., Oakland, Cal. ....	1,000
6LT	Downs, LaRoy ....	108 Pasadena Ave., Pasadena, Cal. ....	275
6BV	Drake, Charles. ....	422 Twenty-second St., Richmond, Cal. ...	300
6KD	Dutton, Kingsley. ....	1447 Salem St., Glendale, Cal. ....	250
6HE	Eastling, Harvey. ....	2659 Folsom St., San Francisco, Cal. ....	50
6HY	Ebeling, Hyde S. ....	444 Delmas St., San Jose, Cal. ....	18
6GZ	Edgar, George P. ....	Broadmoor Boulevard, San Leandro, Cal.	500
6EK	Eiferle, Chrisae. ....	3018 Boulevard Ave., Fruitvale, Cal. ....	15
6DL	Espe, Oliver E. ....	4425 South Main St., Los Angeles, Cal. ...	500
6RE	Espen, Elmer R. ....	425 Hawthorne St., Stockton, Cal. ....	1,000
6CZ	Everard, Charles E. ....	158 Bruce Ave., Pasadena, Cal. ....	400
6VF	Falk, Victor H. ....	64 South Tenth St., San Jose, Cal. ....	20
6FB	Farlinger, Ernest. ....	227 Second St., Richmond, Cal. ....	495
6GF	Farmer, Gordon. ....	Haynes, Cal. ....	50
6IF	Farwell, Ivyn. ....	2230 Ninth St., Berkeley, Cal. ....	250
6FE	Felt, Clarence J. ....	1732 Channing Way, Berkeley, Cal. ....	330
6ET	Fenner, Paul R. ....	1338 Masonic Ave., San Francisco, Cal. ...	42
6HV	Ferrill, Herbert E. ....	Bostonia, Cal. ....	.....
6JU	Fisher, Jules. ....	2213 Carlton St., Berkeley, Cal. ....	385
6HF	Flenner, Harry. ....	1695 Granada St., San Diego, Cal. ....	500
6ED	Flinspach, J. Henry ....	403 Citrus and Eighth Sts., Redlands, Cal.	250
6FO	Fones, Robert. ....	832 Cleveland St., Oakland, Cal. ....	1,000
6WF	Ford, Walter B. ....	3653 Arnold St., San Diego, Cal. ....	500
6JF	Forsburg, Joe A. ....	1616 Josephine St., Berkeley, Cal. ....	250
6FK	Frank, Walter. ....	465 Eighteenth St., San Diego, Cal. ....	450
6FH	French, Donald K. ....	3027 Capp St., Fruitvale, Cal. ....	250
6RS	Frericha, Roy. ....	Byron, Cal. ....	1,000
6RF	Frier, Robert L. ....	1017 West Seventeenth St., Los Angeles, Cal.	250
6BK	Frost, William H. ....	473 Minor Ave, San Jose, Cal. ....	20

## AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
6CX	Frunk, Carl G.....	1345 Northside Ave., Berkeley, Cal.....	250
6GA	Garratt, Edward D.....	1308 Crown Hill St., Los Angeles, Cal....	300
6JW	Gastman, Henry.....	2530 Eunice St., Berkeley, Cal.....	990
6GE	Gerlach, William G.....	512 Crofton Ave., Oakland, Cal.....	470
6LG	Gianini, Leo G.....	535 Fifth Ave., San Francisco, Cal.....	60
6GG	Gildersleeve, Given....	506 Calistoga Ave., Napa, Cal.....	50
6PG	Gillmore, Purcell.....	375 Fair Oaks St., Pasadena, Cal.....	200
6MG	Glindemann, Melvern..	825 Fillmore St., San Francisco, Cal.....	495
6BM	Godwin, Merle H.....	19 Grigsby Ct., Napa, Cal.....	300
6GO	Goss, William.....	516½ Bath St., Santa Barbara, Cal.....	500
6FG	Granger, Floyd.....	305 Phelps St., Redwood, Cal.....	.....
6EE	Griffin, Clyde S.....	Stevison, Cal.....	.....
6DH	Grimes, W. Frank.....	103 Pasadena St., Pasadena, Cal.....	495
6DP	Grundell, Herbert.....	285 Eleventh St., San Pedro, Cal.....	2
6LR	Guenther, Leo H.....	309 West Ortega St., Santa Barbara, Cal..	500
6AN	Guidotti, W. F.....	745 West San Fernando St., San Jose, Cal.	115
6GU	Gurnette, Bernard A....	51 Beaver St., San Francisco, Cal.....	330
6EH	Hall, Edward.....	1721 Grove St., Berkeley, Cal.....	.....
6TH	Hall, Thomas C.....	1278 Market St., San Francisco, Cal.....	500
6MH	Hamilton, Martin E.....	821 North Brown St., Napa, Cal.....	250
6VP	Hancock, Hadys D....	Venice Pier, Venice, Cal.....	1,000
6FL	Haneuf, Forrest E.....	153 Water St., Santa Cruz, Cal.....	250
6CQ	Hanson, Earl C.....	2534 Fourth Ave., Los Angeles, Cal.....	330
6RH	Hare, Ralph M.....	74 Castro St., San Francisco, Cal.....	95
6CG	Harty, Courtenay E....	1944 Bonsallo Ave., Los Angeles, Cal.....	220
6CH	Haun, John K.....	152 East Thirty-sixth St., Los Angeles, Cal.	330
6HN	Heinz, Albert.....	127 North F St., San Mateo, Cal.....	330
6WD	Hemsley, Will.....	430 Twentieth St., San Diego, Cal.....	450
6DB	Henry, Ralph E.....	1031 South Bonnie Brae St., Los Angeles, Cal.	200

## AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
6DC	Hibbard, Charles H., jr.	156 Bellefontaine St., Pasadena, Cal. ....	900
6WH	Hill, William F. ....	2348 G St., San Diego, Cal. ....	500
6CC	Hilleary, Frank J. ....	2600 East Second St., Los Angeles, Cal. ...	400
6HZ	Hoffman, Harold. ....	625 Forest Ave., Pacific Grove, Cal. ....	.....
6HH	Hollingsworth, Dale. ....	804 Beaver St., Santa Rosa, Cal. ....	.....
6DQ	Holmes, Joseph J. ....	135 Ripley Ave., Richmond, Cal. ....	250
6BU	Hosmer, Merritt R. ....	San Carlos, Cal. ....	25
6LH	Hunt, Lloyd F. ....	Fir St., Inglewood, Cal. ....	770
6BW	Hyde, Stanley E. ....	403½ South Bonnie Brae St., Los Angeles, Cal.	330
6IR	Irey, Earl R. ....	3667 Third St., San Diego, Cal. ....	250
6LI	Isaacs, Louis R. ....	1200 Regent St., Alameda, Cal. ....	1,000
6JA	Janes, Charles V. ....	38 Jupiter St., San Francisco, Cal. ....	32
6JJ	Jessup, John H. ....	2820 Cedar St., Berkeley, Cal. ....	250
6JO	Johnson, Clarence N. ....	730 Julian Ave., San Diego, Cal. ....	500
6MJ	Jones, Myron A. ....	4190 Forty-first St., San Diego, Cal. ....	500
6RJ	Jones, Russell B. ....	1041 Stanyan St., San Francisco, Cal. ....	250
6BL	Kather, Karl E. ....	104 Wilson St., Napa, Cal. ....	250
6RK	Kerns, Roy. ....	229 Russell St., Berkeley, Cal. ....	250
6AH	Kessell, James H. ....	551 Willis Ave., San Jose, Cal. ....	20
6CE	Kilto, Carl. ....	506 Fremont Ave., Los Angeles, Cal. ....	400
6KK	Kincaid, Kenneth. ....	1604 South Hope St., Los Angeles, Cal. ...	250
6EX	King, William E. ....	80 Elgin Park, San Francisco, Cal. ....	250
6CK	Kinsel, Charles M. ....	396 Oakland Ave., Oakland, Cal. ....	550
6KI	Kispert, Charles H. ....	1748 Quesada Ave., San Francisco, Cal. ....	.....
6JK	Klemgard, James G. ....	947 Cedar Ave., Long Beach, Cal. ....	345
6AT	Knowles, Raymond. ....	496 North Fifth St., San Jose, Cal. ....	120
6WK	Koerber, Walter A. ....	1099 North Wilson Ave., Los Angeles, Cal.	660
6HK	Krauter, Howard R. ....	850 West Twenty-third Pl., Los Angeles, Cal.	1,000
6PK	Kyes, Percy L. ....	617 Eucalyptus Ave., Riverside, Cal. ....	500

## AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
6HW	La Barre, Harold J.....	64 Colorado St., Pasadena, Cal. ....	280
6KL	Laird, Kenneth V. ....	105 Parkside Drive, Berkeley, Cal. ....	700
6CW	Lares, Herman.....	1333 East Fifty-seventh St., Los Angeles, Cal.	50
6SL	Leach, Stanley P.....	2049 Tenth Ave., Oakland, Cal.....	495
6EL	Le Fevre, Eugene.....	243 Boniview Ave., San Francisco, Cal..	100
6WL	Leland, Wallace H.....	912 Indian Rock Ave., Berkeley, Cal....	250
6HL	Linhoff, Harold R.....	416 Winona St., Pasadena, Cal.....	250
6LO	Lory, C. S.....	3839 Seventh St., San Diego, Cal.....	25
6CP	Lowe, William E.....	1300 Garfield Ave., South Pasadena, Cal..	500
6SF	Mack, Franklin.....	541 Pine Ave., Pacific Grove, Cal.....	500
6MX	Magill, Clyde.....	East Sixth St., Ontario, Cal.....	200
6MN	Maher, Edward T.....	3409 Grove St., Oakland, Cal.....	250
6EQ	Maher, Zacheus J.....	2211 Hayes St., San Francisco, Cal.....	476
6BR	Manassee, Mervyn H....	618 Franklin St., Napa, Cal.....	30
6HM	Mansfelt, Harold.....	2590 Pine St., San Francisco, Cal.....	.....
6EM	Marlin, Evan M.....	Capitola Ave., Capitola, Cal.....	.....
6LM	Martinelli, Lloyd.....	1512 Shrader St., San Francisco, Cal....	50
6CU	Maskey, Franklin.....	822 East Thirty-third St., Los Angeles, Cal.	30
6BO	Mattoon, Stanley F....	San Carlos, Cal.....	30
6MA	Max, Charles A.....	Morrill Road, San Jose, Cal.....	500
6CF	McClatchy, Keith.....	Hawthorne and Ivy Sts., Inglewood, Cal..	1,000
6PJ	McDonald, Byron C.....	85 El Molino St., Pasadena, Cal.....	1,000
6MC	McGown, Dudley B.....	1247 Forty-seventh Ave., San Francisco, Cal.	500
6HJ	McIntosh, Harold St. J..	249 Bixel St., Los Angeles, Cal.....	500
6MM	McKay, Malcolm.....	1635 Grant St., Berkeley, Cal.....	50
6RM	McLaughlin, Richard A.	420 Fifth Ave., San Francisco, Cal.....	50
6FM	McNabb, Floyd R.....	1886 Harmon St., Berkeley, Cal.....	880
6GM	McPhail, Graham H....	3 Marin St., San Rafael, Cal.....	.....
6MR	McRoberts, Lewis H....	3960 Elm St., San Diego, Cal.....	50

## AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
6EV	Medaris, Eddie.....	334 Pasadena Ave., Pasadena, Cal.....	60
6DJ	Merritt, Lawrence G....	252 Clinton St., Pasadena, Cal.....	600
6JM	Michaels, Joe E.....	327 Seventh St., Richmond, Cal.....	50
6MI	Miraky, Sylvian L.....	1834 McAllister St., San Francisco, Cal....	500
6BE	Mitchell, John C.....	Mark West, Cal.....	42
6AV	Mocker, De Forest.....	Capitola, Cal.....	30
6AI	Moers, Ernest.....	155 Ninth St., San Jose, Cal.....	1,000
6BI	Moore, Ezra.....	108 Eleventh St., Redlands, Cal.....	500
6MO	Moore, Paul.....	116 Berkeley Way, Whittier, Cal.....	500
6FN	Morris, Fred W.....	1106 El Molino St., Los Angeles, Cal.....	330
6WM	Morse, Willard A.....	416 East Seventh St., Oakland, Cal.....	500
6MU	Murray, Donald W.....	70 Eureka St., Pasadena, Cal.....	120
6NN	Nelson, Cyril B.....	205 North St., Woodland, Cal.....	385
6NE	Newbould, C. Percy....	351 Twenty-sixth St., San Diego, Cal.....	
6HQ	Newton, Henry G.....	Fifth St. and Bay Boulevard, Coronado, Cal.	80
6KN	Nicholson, Knox W.....	721 Seventeenth St., Oakland, Cal.....	
6NI	Nilli, Emil.....	34 Hester St., San Jose, Cal.....	60
6HA	Niver, Henry A.....	618 East Center St., Anaheim, Cal.....	660
6RN	Norton, Russell.....	825 First St., Napa, Cal.....	
6AW	Nosler, Claud E.....	228 University St., Healdsburg, Cal.....	500
6BC	Oldham, William G., jr.	720 Mendocino St., Santa Rosa, Cal.....	125
6HO	Olschefsky, Henry H...	283 Ney St., San Francisco, Cal.....	80
6BZ	O'Neill, Frank M. J.....	1423 Oxford St., Berkeley, Cal.....	1,000
6OT	Otto, Harry F.....	437 East Main St., Stockton, Cal.....	1,000
6OY	Oyarzo, Ben.....	343 Forty-ninth St., Oakland, Cal.....	220
6HP	Pampinella, Harold.....	1755 Hayes St., San Francisco, Cal.....	50
6GK	Parkin, Miss Gladys K..	22 Terradillo Ave., San Rafael, Cal.....	
6PA	Pattison, Alexander.....	3881 Telegraph Ave., Oakland, Cal.....	15
6DG	Patton, Nelson.....	194 North El Molino Ave., Pasadena, Cal..	330
6SP	Peck, Sherman.....	1033 Cole St., San Francisco, Cal.....	20

## AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power
6FP	Peterson, Frank E.....	2815 Virginia St., Berkeley, Cal.....	250
6CD	Peterson, Walter.....	2177 West Twenty-ninth Pl., Los Angeles, Cal.	440
6AE	Pinard, Vivian E.....	505 San Salvador St., San Jose, Cal.....	20
6RP	Pittman, Roy F.....	1001 North Pacific St., Glendale, Cal.....	1,000
6AO	Portal, Emile.....	142 Vine St., San Jose, Cal.....	32
6GP	Post, George W.....	715½ Lyon St., San Francisco, Cal.....	15
6CR	Potter, Lee R.....	Maple and Spadra Sts., Fullerton, Cal...	990
6BF	Powell, Meade W.....	Cole Building, Warren, Ariz.....	263
6PR	Preston, Alva W.....	Euclid Ave., Garden Grove, Cal.....	
6DV	Prosser, Norman.....	Linda Vista Road, R. F. D. No. 2, Pasadena, Cal.	990
6EB	Richardson, Charles, jr..	406 West Twenty-eighth Pl., Los Angeles, Cal.	20
6EB	Richardson, Charles, jr..	929 West Fiftieth Pl., Los Angeles, Cal...	330
6RI	Richman, Clinton.....	541 West Commonwealth St., Fullerton, Cal.	1,000
6DU	Rigby, Townsend J., jr..	2910 South Flower St., Los Angeles, Cal..	250
6FR	Rodgers, Frank.....	82 Echo St., Oakland, Cal.....	
6NK	Roehrig, Russell S.....	501 Oakland Ave., Pasadena, Cal.....	500
6BT	Rogers, Henry J.....	Vacaville, Cal.....	30
6BD	Rogers, Stuart De Witt..	312 Orange St., Santa Rosa, Cal.....	200
6GN	Rose, George E.....	105 Grattan St., San Francisco, Cal.....	250
6RO	Roussin, Cecil.....	364 Lincoln St., Pasadena, Cal.....	
6HR	Royden, Herbert N., jr..	311 Ellsworth Ave., San Mateo, Cal.....	1,000
6GR	Rucker, George A.....	2639 Grant St., Berkeley, Cal.....	500
6EU	Rumble, Ernest.....	114 G St., Napa, Cal.....	250
6DR	Sandham, Bert E.....	1122 West Fifty-fifth St., Los Angeles, Cal.	300
6IS	Sawyer, Irving W.....	Capitola, Cal.....	
6HS	Schade, Henry.....	15 Bennington St., San Francisco, Cal....	100
6ES	Schaefer, Carl.....	3118 Stillson Ave., Sacramento, Cal.....	530

## AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. <i>Watts.</i>
6OS	Scheidemantel, Oscar A.	823 East Twenty-eighth St., Los Angeles, Cal.	550
6TS	Schneider, Tony.....	424 Twentieth Ave., San Francisco, Cal..	24
6WS	Schneider, William P...	2716 Twenty-second St., Fruitvale, Cal..	15
6SC	Schroder, Harold.....	666 Fifty-third St., Oakland, Cal.....	250
6EA	Seefred, Howard C. and Lyndon F.	339 Fremont Ave., Los Angeles, Cal.....	250
6CT	Seidel, William E.....	2717 Brighton Ave., Los Angeles, Cal....	500
6SH	Shippam, Cecil H.....	3939 I St., San Diego, Cal.....	330
6FS	Short, Frank A.....	846 Walnut St., Riverside, Cal.....	187
6JS	Silvershield, Bernhard J	832 West Ninety-second St., Los Angeles, Cal.	36
6AX	Simney, Albert.....	300 Joaquin Ave., San Leandro, Cal.....	275
6SK	Skaale, Arthur J.....	Martinez St., Berkeley, Cal.....	250
6LS	Smelser, Laurel J.....	318 Second St., Napa, Cal.....	500
6SM	Smith, Hazel P.....	138 Wilshire St., Fullerton, Cal.....	250
6NC	Smith, Norman E.....	115 I Ave., Coronado, Cal.....	15
6AS	Soules, Ernest H.....	75 Bush St., San Jose, Cal.....	18
6OJ	Spencer, Oscar J.....	35 Douglass St., San Francisco, Cal.....	90
6JR	Stauffer, John.....	601 Broderick St., San Francisco, Cal....	250
6BB	Stevens, Russell.....	617 Johnson St., Healdsburg, Cal.....	300
6CN	Stock, Reinhold F.....	397 Walnut St., Anaheim, Cal.....	400
6CO	Storm, Hans O.....	707 West Broadway, Anaheim, Cal.....	495
6CJ	Stowe, Theodore E.....	Forty-first Ave., Capitola, Cal.....	60
6DO	Strader, William F.....	1021 Tenth St., Sacramento, Cal.....	456
6GH	Stricker, George H., jr..	1411 Oxford St., Berkeley, Cal.....	500
6WG	Strong, William.....	721 Petaluma St., San Rafael, Cal.....	1,000
6SN	Sunderland, Arthur G...	92 Mary St., Pasadena, Cal.....	990
6SU	Sutherland, C.....	2334 Ninety-fourth Ave., Oakland, Cal...	990
6GS	Swartout, Glenn.....	1044 Seventy-seventh St., Los Angeles, Cal.	500



## AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power Watt.
6CV	Swinnerton, Kenneth...	1242 West Fifty-first St., Los Angeles, Cal.	275
6HX	Taylor, Howard L.....	394 Fifteenth St., San Pedro, Cal.....	330
6HT	Thayer, Halsey.....	2123 Oak St., Los Angeles, Cal.....	440
6GT	Timmermann, Gustave.	256 California Ave., San Francisco, Cal...	160
6TT	Tournat, Thomas.....	Garden Grove, Cal.....	250
6AY	Tuggy, Arthur W.....	1289 Lemon St., Riverside, Cal.....	1,000
6DT	Underwood, Ernest G...	Commercial St., Inglewood, Cal.....	30
6HU	Unger, Harry J.....	228 Grattan St., San Francisco, Cal.....	50
6AB	Valentine, Philip C.....	246 Perry St., Oakland, Cal.....	425
6GL	Van Auken, George L...	McKee and Jackson Sts., San Jose, Cal.....	.....
6GV	Van Wagner, George...	22 Franklin St., Santa Cruz, Cal.....	990
6SV	Verney, Stanley S.....	406 Grand Boulevard, San Mateo, Cal.....	216
6KV	Vesper, Karl C.....	1339 Bay St., Alameda, Cal.....	250
6DF	Vogeley, Herbert H...	341 Chestnut St., Long Beach, Cal.....	20
6BA	Wadsworth, Claude E...	468 Matheson St., Healdsburg, Cal.....	250
6CL	Walters, Clarence.....	4326 Grand Ave., Los Angeles, Cal.....	350
6RR	Waterman, Russell R...	4561 Thirty-eighth St., San Diego, Cal....	80
6QW	Waters, John E.....	2002 North Broadway, Santa Ana, Cal....	1,000
6WW	Webb, Walter R.....	700 East Forty-seventh St., Los Angeles, Cal.	50
6CS	Webber, Franklin.....	632 North Bunkerhill St., Los Angeles, Cal.	450
6CI	Weber, Anton.....	252 West Forty-third St., Los Angeles, Cal.	350
6WE	Weddell, Clarence C....	553 Willis Ave., San Jose, Cal.....	1,000
6RW	Weisbrod, Raymond H..	2213 West Fifteenth St., Los Angeles, Cal.	250
6OW	Welling, Orville E.....	582 Fifty-eighth St., Oakland, Cal.....	500
6JE	Welsh, John E.....	55 Eureka St., Pasadena, Cal.....	60
6EY	Werner, Edward A.....	2313 Ninth St., West Berkeley, Cal.....	1,000
6GW	Werner, George W., jr..	3039 Adeline St., Berkeley, Cal.....	250
6DK	Westcott, Lawrence M..	Eber St., Ocean Beach, Cal.....	50
6DX	Wheelock, Charles D...	1235 Lemon St., Los Angeles, Cal.....	65

AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
6AF	White, Clarence E. . . . .	3024 Blossom St., Fruitvale, Cal. . . . .	1, 000
6FT	Wiese, Fred T. . . . .	4174 Seventeenth St., San Francisco, Cal. . . . .	500
6WV	Williams, Creah. . . . .	228 East San Carlos St., San Jose, Cal. . . . .	30
6GX	Williams, George F. . . . .	2700 High St., Oakland, Cal. . . . .	1, 000
6BH	Williamson, Harry. . . . .	724 East State St., Redlands, Cal. . . . .	30
6FW	Wisner, Fred L. . . . .	1352 Thirtieth St., San Diego, Cal. . . . .	50
6AK	Wright, John W. . . . .	657 Asbury St., San Jose, Cal. . . . .	30
6EI	Young, Bert C. . . . .	1401 West Ninth St., Los Angeles, Cal. . . . .	550
6EW	Zahniser, Charles L. . . . .	320 Lexington St., Rust, Cal. . . . .	.....

ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
6AA	Aster, Alvin K.	6BL	Kather, Karl E.
6AB	Valentine, Philip C.	6BM	Godwin, Merle H.
6AC	Capwell, Cebert.	6BN	Ballerini, Melvin.
6AE	Pinard, Vivian E.	6BO	Mattoon, Stanley F.
6AF	White, Clarence E.	6BP	Bauer, Roy M.
6AG	Chamberlain, Leon H.	6BQ	Baer, Charles M.
6AH	Kessell, James H.	6BR	Manassee, Mervyn H.
6AI	Moocers, Ernest.	6BS	Davidson, G. E.
6AJ	Bean, James.	6BT	Rogers, Henry J.
6AK	Wright, John W.	6BU	Hosmer, Merritt R.
6AL	Brandis, Fred A.	6BV	Drake, Charles.
6AM	Buckley, Ernest V.	6BW	Hyde, Stanley E.
6AN	Guidotti, W. F.	6BX	Barrett, Eldridge D.
6AO	Portal, Emile.	6BY	Barstow, William R.
6AP	Brown, Victor.	6BZ	O'Neill, Frank M. J.
6AQ	De La Cruz, George.		
6AS	Soules, Ernest H.	6CA	Corby, Grant W.
6AT	Knowles, Raymond.	6CC	Hilleary, Frank J.
6AU	Clark, Paul.	6CD	Peterson, Walter.
6AV	Mocker, De Forest.	6CE	Kilto, Carl.
6AW	Nosler, Claud E.	6CF	McClatchy, Keith.
6AX	Simney, Albert.	6CG	Harty, Courtenay E.
6AY	Tuggy, Arthur W.	6CH	Haun, John K.
6AZ	Downing, Alan S.	6CI	Weber, Anton.
		6CJ	Stowe, Theodore E.
6BA	Wadsworth, Claude E.	6CK	Kinsel, Charles M.
6BB	Stevens, Russell.	6CL	Walters, Clarence.
6BC	Oldham, William G., jr.	6CN	Stock, Reinhold F.
6BD	Rogers, Stuart De Witt.	6CO	Storm, Hans O.
6BE	Mitchell, John C.	6CP	Lowe, William E.
6BF	Powell, Meade W.	6CQ	Hanson, Earl C.
6BH	Williamson, Harry.	6CR	Potter, Lee R.
6BI	Moore, Ezra.	6CS	Webber, Franklin.
6BJ	Berringer, Hall.	6CT	Seidel, William E.
6BK	Frost, William H.	6CU	Maskey, Franklin.

AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
6CV	Swinnerton, Kenneth.	6FA	Arnberger, Frank, jr.
6CW	Lares, Herman.	6FB	Farlinger, Ernest.
6CX	Frunk, Carl G.	6FC	Carey, Francis K.
6CY	Cooper, Charles P.	6FD	Deardorf, Francis H.
6CZ	Everard, Charles E.	6FE	Felt, Clarence J.
6DA	Brown, Ralph E.	6FG	Granger, Floyd.
6DB	Henry, Ralph E.	6FH	French, Donald K.
6DC	Hibbard, Charles H., jr.	6FK	Frank, Walter.
6DD	Clark, Victor M.	6FL	Haneuf, Forrest E.
6DE	Curtis, Burbank.	6FM	McNabb, Floyd R.
6DF	Vogele, Herbert H.	6FN	Morris, Fred W.
6DG	Patton, Nelson.	6FO	Fones, Robert.
6DH	Grimes, W. Frank.	6FP	Peterson, Frank E.
6DI	Cookson, Howard A.	6FR	Rodgers, Frank.
6DJ	Merritt, Lawrence G.	6FS	Short, Frank A.
6DK	Westcott, Lawrence M.	6FT	Wiese, Fred T.
6DL	Espe, Oliver E.	6FU	Bergstrom, Bernard.
6DM	Archer, Robert.	6FV	Brockett, Charles.
6DN	Barry, Gilbert.	6FW	Wisner, Fred L.
6DO	Strader, William F.	6FX	Cross, Fred M.
6DP	Grundell, Herbert.	6FY	Buell, Clarence R.
6DQ	Holmes, Joseph J.	6GA	Garratt, Edward D.
6DR	Sandham, Bert E.	6GB	Bowlus, Glen H.
6DS	Adams, Charles C.	6GE	Gerlach, William G.
6DT	Underwood, Ernest G.	6GF	Farmer, Gordon.
6DU	Rigby, Townsend J., jr.	6GG	Gildersleeve, Given.
6DV	Prosser, Norman.	6GH	Stricker, George H., jr.
6DW	De Wald, Alfred.	6GK	Parkin, Miss Gladys K.
6DX	Wheelock, Charles D.	6GL	Van Auken, George L.
6DY	Beaman, David E.	6GM	McPhail, Graham H.
6DZ	Caldwell, Duncan K.	6GN	Rose, George E.
6EA	Seefred, Howard C. and Lyndon F.	6GO	Goss, William.
6EB	Richardson, Charles, jr.	6GP	Post, George W.
6EC	Burnett, Walter.	6GR	Rucker, George A.
6ED	Flinspach, J. Henry.	6GS	Swartout, Glenn.
6EE	Griffin, Clyde S.	6GT	Timmermann, Gustave.
6EF	Dawson, Percy.	6GU	Gurnette, Bernard A.
6EG	Aten, Arthur B.	6GV	Van Wagner, George.
6EH	Hall, Edward.	6GW	Werner, George W., jr.
6EI	Young, Bert C.	6GX	Williams, George F.
6EJ	Bean, Arthur E.	6GZ	Edgar, George P.
6EK	Eiferle, Chrissie.	6HA	Niver, Henry A.
6EL	Le Fevre, Eugene.	6HC	Craig, Harold F.
6EM	Marlin, Evan M.	6HD	Dickow, Henry.
6EN	de Neuf, Emil A.	6HE	Eastling, Harvey.
6EO	Blake, Albert W.	6HF	Flenner, Harry.
6EP	Davis, Elwood.	6HG	Dilberger, Harold A.
6EQ	Maher, Zacheus J.	6HH	Hollingsworth, Dale.
6ER	Bailey, Cecil.	6HJ	McIntosh, Harold St. J.
6ES	Schaefer, Carl.	6HK	Krauter, Howard R.
6ET	Fenner, Paul R.	6HL	Linhoff, Harold R.
6EU	Rumble, Ernest.	6HM	Mansfelt, Harold.
6EV	Medaris, Eddie.	6HN	Heinz, Albert.
6EW	Zahniser, Charles L.	6HO	Olschefsky, Henry H.
6EX	King, William E.	6HP	Pampinella, Harold.
6EY	Werner, Edward A.	6HQ	Newton, Henry G.
6EZ	Christie, Edwin.	6HR	Royden, Herbert N., jr.
		6HS	Schade, Henry.

AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
6HT	Thayer, Halsey.	6MO	Moore, Paul.
6HU	Unger, Harry J.	6MR	McRoberts, Lewis H.
6HV	Ferrill, Herbert E.	6MU	Murray, Donald W.
6HW	La Barre, Harold J.	6MX	Magill, Clyde.
6HX	Taylor, Howard L.	6NC	Smith, Norman E.
6HY	Ebeling, Hyde S.	6ND	Breck, F. B.
6HZ	Hoffman, Harold.	6NE	Newbould, C. Percy.
6IF	Farwell, Ivyn.	6NI	Nilli, Emil.
6IR	Irey, Earl R.	6NK	Roehrig, Russell S.
6IS	Sawyer, Irving W.	6NN	Nelson, Cyril B.
6JA	Janes, Charles V.	6OJ	Spencer, Oscar J.
6JB	Brown, Julian T.	6OS	Scheidemantel, Oscar A.
6JC	Chase, John H.	6OT	Otto, Harry F.
6JD	Battle, James W.	6OW	Welling, Orville E.
6JE	Welsh, John E.	6OY	Oyarzo, Ben.
6JF	Forsburg, Joe A.	6PA	Pattison, Alexander.
6JJ	Jessup, John H.	6PB	Bradley, Philip L.
6JK	Klemgard, James G.	6PG	Gillmore, Purcell.
6JM	Michaels, Joe E.	6PJ	McDonald, Byron C.
6JO	Johnson, Clarence N.	6PK	Kyes, Percy L.
6JR	Stauffer, John.	6PR	Preston, Alva W.
6JS	Silvershield, Bernhard J.	6QW	Waters, John E.
6JU	Fisher, Jules.	6RB	Brumter, Ralph.
6JW	Gastman, Henry.	6RC	Cook, Ralph.
6JZ	Charters, John E.	6RE	Esplen, Elmer R.
6KD	Dutton, Kingsley.	6RF	Frier, Robert L.
6KE	Dogan, Kenneth.	6RH	Hare, Ralph M.
6KI	Kispert, Charles H.	6RI	Richman, Clinton.
6KK	Kincaid, Kenneth.	6RJ	Jones, Russell B.
6KL	Laird, Kenneth V.	6RK	Kerns, Roy.
6KN	Nicholson, Knox W.	6RM	McLaughlin, Richard A.
6KV	Vesper, Karl C.	6RN	Norton, Russell.
6LA	Blockman, Lawrence G.	6RO	Roussin, Cecil.
6LB	Barton, Larry J.	6RP	Pittman, Roy F.
6LC	Comins, Frank L.	6RR	Waterman, Russell R.
6LD	Anderlini, Louis.	6RS	Frerichs, Roy.
6LG	Gianini, Leo G.	6RW	Weisbrod, Raymond H.
6LH	Hunt, Lloyd F.	6SB	Bisson, Charles S.
6LI	Isaacs, Louis R.	6SC	Schroder, Harold.
6LM	Martinelli, Lloyd.	6SF	Mack, Franklin.
6LO	Lory, C. S.	6SH	Shippam, Cecil H.
6LR	Guenther, Leo H.	6SK	Skaale, Arthur J.
6LS	Smelser, Laurel J.	6SL	Leach, Stanley P.
6LT	Downs, LaRoy.	6SM	Smith, Hazel P.
6LX	Berlin, Latham.	6SN	Sunderland, Arthur G.
6MA	Max, Charles A.	6SP	Peck, Sherman.
6MB	Baden, Merle L.	6SU	Sutherland, C.
6MC	McGown, Dudley B.	6SV	Verney, Stanley S.
6MD	Davids, Mark.	6TH	Hall, Thomas C.
6MG	Glindemann, Melvern.	6TS	Schneider, Tony.
6MH	Hamilton, Martin E.	6TT	Tournat, Thomas.
6MI	Mirsky, Sylvian L.	6VF	Falk, Victor H.
6MJ	Jones, Myron A.	6VP	Hancock, Hadys D.
6MM	McKay, Malcolm.		
6MN	Maher, Edward T.		

AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
6WA	Anthes, William F., jr.	6WI	Cusick, William.
6WB	Booth, Wilber.	6WK	Koerber, Walter A.
6WC	Cornish, Warren D.	6WL	Leland, Wallace H.
6WD	Hemsley, Will.	6WM	Morse, Willard A.
6WE	Weddell, Clarence C.	6WR	Bigler, Anson S.
6WF	Ford, Walter B.	6WS	Schneider, William P.
6WG	Strong, William.	6WV	Williams, Creah.
6WH	Hill, William F.	6WW	Webb, Walter R.

## SEVENTH DISTRICT.

[Headquarters: Customhouse, Seattle, Wash. The seventh district comprises the States of Oregon, Washington, Idaho, Montana, Wyoming, and the Territory of Alaska.]

## ALPHABETICALLY BY OWNERS OF STATIONS.

Call signal.	Owner of station.	Location of station.	Power Watts.
7AB	Anderson, Alfred S.....	1253 Grand St., Astoria, Oreg.....	.....
7CB	Bennett, Cecil H.....	Rainier, Oreg.....	500
7JB	Blanchet, James J.....	5263 East Sixty-ninth St., Portland, Oreg.	230
7GB	Butterfield, George H...	815 Kearney St., Portland, Oreg.....	300
7JC	Colesworthy, Joseph B..	112 East High St., Pendleton, Oreg.....	1,000
7FC	Colt, Fayette E.....	637 Pearson St., Walla Walla, Wash.....	230
7LC	Connell, Lorne L.....	Cherry St., Sumas, Wash.....	250
7AC	Dailey, Arthur C.....	3915 Colby St., Everett, Wash.....	550
7HD	Davis, Hubert A.....	1904 Canoe Pl., Seattle, Wash.....	500
7AD	Douglas, Alfred E.....	804 E and Eighth Sts., Grants Pass, Oreg..	1,000
7ME	Elliott, Morton W.....	635 Atlantic St., Dillon, Mont.....	250
7CF	Farrar, Clyde.....	311 Wimer St., Ashland, Oreg.....	.....
7JF	Folen, Jonas H.....	1021 Mississippi Ave., Portland, Oreg....	775
7MG	Gable, Martin.....	Fifth and Nelson Sts., Sedro Woolley, Wash.	300
7CG	Gillespie, Charles R.....	Kalama, Wash.....	75
7WG	Goetchius, Walter L....	Eighth and Sycamore Sts., Pullman, Wash.	840
7RO	Grant, Robert E.....	1317 Fort St., Boise, Idaho.....	500
7TH	Hakanson, Thor.....	126 West Forty-ninth St., Seattle, Wash..	.....
7AL	Hansen, Arnold.....	Sumas, Wash.....	900

## AMATEUR RADIO STATIONS—SEVENTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			Watts.
7CH	Hansen, Carl L.....	5415 Sixth Ave. NW., Seattle, Wash.....	495
7GC	Henny, George C.....	530 Heights Terrace, Portland, Oreg.....	32
7GH	Hees, George F.....	1604 Van Buren St., Corvallis, Oreg.....	330
7JH	Holt, John M., jr.....	749 Grand Ave., Astoria, Oreg.....	500
7DJ	John, D. Morris.....	745 North Ninth St., Corvallis, Oreg.....	.....
7GJ	Johnson, Gale H.....	124 Queen Ann Ave., Seattle, Wash.....	620
7JJ	Johnson, Joseph E.....	2716 Grand St., Everett, Wash.....	495
7HJ	Jones, Henry L.....	1111 East Cherry St., Seattle, Wash.....	250
7PK	Kemp, Philip.....	1747 West Fifty-eighth St., Seattle, Wash.	250
7AK	Koester, Alpha M.....	North Powder, Oreg.....	450
7EL	La Pine, Earl.....	4217 Second Ave. NW., Seattle, Wash...	55
7FW	Lee, Emery H. I.....	1412 Summit Ave., Seattle, Wash.....	550
7LL	Lennard, Lloyd P.....	1035 East Harrison St., Portland, Oreg...	250
7WL	Lester, Warren C.....	Warrenton, Oreg.....	1,000
7EH	Lynch, Edward H.....	2527 Baker St., Astoria, Oreg.....	.....
7AM	Meehan, Andrew.....	Sumas, Wash.....	480
7JO	Methven, John H.....	Ronald-by-Roslyn, Wash.....	12
7MH	Middlekauff, Mark H...	North Twenty-seventh St., Corvallis, Oreg.	.....
7DM	Minkler, Darrell.....	240 C St., Ashland, Oreg.....	495
7MI	Minter, John W.....	610 East Nineteenth St., Cheyenne, Wyo.	1,000
7WM	Moses, William.....	Ronald, Wash.....	12
7JM	McIhain, John A., jr....	118 Nob Hill Ave., Seattle, Wash.....	350
7LN	Nagle, Leo W.....	1109 Washington St., Vancouver, Wash..	1,000
7IN	Nelson, Ivan L.....	1003 North Twelfth St., Boise, Idaho.....	495
7SN	Norman, Stacy W.....	137 North Seventy-ninth St., Seattle, Wash.	500
7IO	O'Donoughue, Ivan.....	355 Almond St., Ashland, Oreg.....	50
7EP	Peterson, Edward T....	718 East Ash St., Portland, Oreg.....	90
7HP	Pyle, Howard S.....	3311 South Thirty-seventh Ave., Seattle, Wash.	.....
7PR	Robinson, Philip F.....	890 Clackamas St., Portland, Oreg.....	110

## AMATEUR RADIO STATIONS—SEVENTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power
7WR	Rogers, Wilber L.....	2304 Monroe St., Corvallis, Oreg.....	Watt
7LR	Ross, Lindsley W.....	590 Main St., Portland, Oreg.....	500
7ES	Schurch, Edward C.....	Deer Lodge, Mont.....	1.000
7AA	Skyles, Theron G.....	522 Eleventh St., Astoria, Oreg.....	75
7HS	Slocum, Herbert R.....	47 East Ninth St. South, Portland, Oreg.....	300
7VS	Small, Vincent.....	2322 Wetmore St., Everett, Wash.....	950
7WS	Sparrow, William I.....	932 West Sixty-third St., Seattle, Wash.....	500
7CA	Spork, Carl.....	2418 Pine St., Everett, Wash.....	
7GG	Stamey, Grady G.....	Second Ave., Sumas, Wash.....	450
7GS	Sturley, G. W. F., jr....	Vancouver Barracks, Vancouver, Wash....	150
7CS	Suyder, Claude E.....	Fort Flagler, Wash.....	550
7GW	Wilson, George D.....	1022 Heron St., Aberdeen, Wash.....	500
7JW	Wilson, John C.....	295 North Twenty-fourth St., Portland, Oreg.	500
7HW	Winningham, Harold...	3701 North Eighteenth St., Tacoma, Wash.....	

## ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
7AA	Skyles, Theron G.	7FC	Colt, Fayette E.
7AB	Anderson, Alfred S.	7FW	Lee, Emery H. I.
7AC	Dailey, Arthur C.		
7AD	Douglas, Alfred E.	7GB	Butterfield, George H.
7AK	Koester, Alpha M.	7GC	Henny, George C.
7AL	Hansen, Arnold.	7GG	Stamey, Grady G.
7AM	Meehan, Andrew.	7GH	Hees, George F.
		7GJ	Johnson, Gale H.
7CA	Spork, Carl.	7GS	Sturley, G. W. F., jr.
7CB	Bennett, Cecil H.	7GW	Wilson, George D.
7CF	Farrar, Clyde.		
7CG	Gillespie, Charles R.	7HD	Davis, Hubert A.
7CH	Hansen, Carl I.	7HJ	Jones, Henry L.
7CS	Suyder, Claude E.	7HP	Pyle, Howard S.
		7HS	Slocum, Herbert R.
7DJ	John, D. Morris.	7HW	Winningham, Harold.
7DM	Minkler, Darrell.	7IN	Nelson, Ivan L.
		7IO	O'Donoghue, Ivan.
7EH	Lynch, Edward H.		
7EL	La Pine, Earl.	7JB	Blanchet, James J.
7EP	Peterson, Edward T.	7JC	Colesworthy, Joseph B.
7ES	Schurch, Edward C.	7JF	Folen, Jonas H.

AMATEUR RADIO STATIONS—SEVENTH DISTRICT—ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
7JH	Holt, John M., jr.	7PK	Kemp, Philip.
7JJ	Johnson, Joseph E.	7PR	Robinson, Philip F.
7JM	McInain, John A., jr.		
7JO	Methven, John H.	7RO	Grant, Robert E.
7JW	Wilson, John C.	7SN	Norman, Stacy W.
7LC	Connell, Lorne L.	7TH	Hakanson, Thor.
7LL	Lennard, Lloyd P.	7VS	Small, Vincent.
7LN	Nagle, Leo W.		
7LR	Ross, Lindeley W.	7WG	Goetchius, Walter L.
7ME	Elliott, Morton W.	7WL	Lester, Warren C.
7MG	Gable, Martin.	7WM	Moses, William.
7MH	Middlekauff, Mark H.	7WR	Rogers, Wilber L.
7MI	Minter, John W.	7WS	Sparrow, William I.

EIGHTH DISTRICT.

Headquarters: Customhouse, Cleveland, Ohio. The eighth district comprises the States of New York (all counties not included in second district), Pennsylvania (all counties not included in third district), West Virginia, Ohio, Michigan (Lower Peninsula.)

ALPHABETICALLY BY OWNERS OF STATIONS.

Call signal.	Owner of station.	Location of station.	Power.
			Watts.
8CE	Adler, Jerome.....	5550 Avondale Ave., Pittsburgh, Pa....	275
8BU	Allonier, Howard R....	1045 Sunset Ave., Cincinnati, Ohio....	550
8AA	Anderson, Sidney E....	1320 Fourteenth St., Detroit, Mich.....	250
8CJ	Andrews, William S....	907 Mellon St., Pittsburgh, Pa.....	250
8DW	Apger, Charles O.....	520 Sixteenth St., Detroit, Mich.....	20
8JL	Appleton, Francis W....	12 Kanada St., Detroit, Mich.....	220
8CP	Baker, Norman E.....	638 Junction Ave., Detroit, Mich.....	12
8DI	Barton, Charles E.....	155 Harmon Ave., Detroit, Mich.....	250
8AC	Becelaere, Lawrence...	400 Dix Ave., Detroit, Mich.....	250
8AE	Berndt, William F....	608 Clark Ave., Detroit, Mich.....	27
8CQ	Brede, Erwin F.....	55 Melbourne Ave., Detroit, Mich.....	220
8DG	Bremer, Edmund.....	301 Forest Ave., Detroit, Mich.....	182
8AD	Broome, Donald.....	100 Grand Ave., Mt. Clements, Mich....	770
8DM	Bruns, Carl H.....	1316 Ontario St., Toledo, Ohio.....	30
8ED	Carver, Alfred J.....	4 Warring Ave., Buffalo, N. Y.....	20
8AJ	Clough, Bert E.....	186 North Washington Ave., Battle Creek, Mich.	1,000



## AMATEUR RADIO STATIONS—EIGHTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal	Owner of station.	Location of station.	Power
8DV	Cobb, Rupert.....	17 East Alexandrine Ave., Detroit, Mich.	50
8EE	Coleman, Clarence E....	47 Yale St., Buffalo, N. Y.....	770
8CR	Cook, Wilbur E.....	552 Ferdinand Ave., Detroit, Mich.....	24
8AM	Cornell, Merle H.....	Lake St., Ripley, N. Y.....	150
8AN	Davis, Frank.....	73 Dakota Ave., Columbus, Ohio.....	1,000
8AP	Dorsch, George.....	1338 Walnut St., Cincinnati, Ohio.....	550
8EF	Dorst, Edward.....	39 Eaton St., Buffalo, N. Y.....	18
8DU	Downing, Harry E.....	2308 East Fifty-seventh St., Cleveland, Ohio.	20
8EC	Dunn, Frank L.....	23 West Eleventh St., Erie, Pa.....	1,000
8AR	Ela, Edward C.....	1320 Woodland Ave., Pittsburgh, Pa....	270
8AS	Feightner, Amos E....	715 South Broadway, Lima, Ohio.....	230
8DB	Fellows, Bernard D....	67 Park St., Pontiac, Mich.....	150
8AT	France, William.....	829 Western St., Pittsburgh, Pa.....	500
8AU	Frost, Harry E.....	1048 Genesee St., Buffalo, N. Y.....	990
8AV	Fullwood, William R....	1017 Pollock Ave., New Castle, Pa.....	500
8BV	Gale, Roy H.....	1806 Brewster St., Cleveland, Ohio.....	50
8EG	Gebhard, Louis A.....	1127 Ellicott St., Buffalo, N. Y.....	550
8AX	Gentsch, Leonard H....	109 Northampton St., Buffalo, N. Y.....	200
8AY	Grosse, Frederick W....	1326 Walnut St., Cincinnati, Ohio.....	500
8EH	Grove, Nelson B.....	242 Ashland Ave., Buffalo, N. Y.....	60
8AZ	Hansen, Edmund H....	Dier St., Plymouth, Mich.....	950
8BW	Herman, Harold.....	2237 Frances Lane, Cincinnati, Ohio.....	35
8BB	Higbee, Glenn A.....	1047 Monroe Ave., Detroit, Mich.....	250
8BD	Hoch, Ellery T.....	R. F. D. No. 33, Barberton, Ohio.....	48
8DR	Holmes, Charles E....	310 Brown St., Grand Rapids, Mich.....	490
8BC	Holt, Nelson E.....	185 Congress St., Buffalo, N. Y.....	825
8JN	Howes, Stanley L.....	515 Eleanor St., Kalamazoo, Mich.....	550
8CS	Howland, Dean W....	1081 Cass Ave., Detroit Mich.....	330
8BX	Hubbell, Aaron W....	3458 Hallwood Pl., Cincinnati, Ohio.....	600
8CF	Hull, Guy McC.....	123 South Whitfield St., Pittsburgh, Pa..	50

## AMATEUR RADIO STATIONS—EIGHTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
8CG	Hull, Ralph.....	5819 Rural St., Pittsburgh, Pa.....	550
8BF	Jarvis, Roy B.....	647 Main St., Wheeling, W. Va.....	250
8BG	Kastenber, Paul.....	298 Hurlbut Ave., Detroit, Mich.....	30
8CC	Keel, George.....	2704 Wylie Ave., Pittsburgh, Pa.....	440
8DN	Knappen, Bert.....	4 Trankla Ave., Grand Rapids, Mich.....	12
8EJ	Kolb, Edwin H.....	18 Camp St., Buffalo, N. Y.....	660
8CT	Kreinbring, Walter F... ..	924 Forest Ave., Detroit, Mich.....	36
8BI	Kroeger, Gustav.....	1837 Clarion Ave., Cincinnati, Ohio.....	330
8EK	Kumpf, Elmer H.....	26 Wohlers Ave., Buffalo, N. Y.....	675
8DP	Lane, John C.....	Broad St., Holly, Mich.....	275
8EL	Langenbach, Leo.....	186 Riley St., Buffalo, N. Y.....	30
8BK	Lapp, E. Robert.....	5520 Baywood St., Pittsburgh, Pa.....	240
8BL	Leyh, Edward L.....	10 Overhill St., Pittsburgh, Pa.....	60
8BE	Lippert, John P.....	41 Stanwood Road, East Cleveland, Ohio.....	275
8JO	Little, Donald G.....	415 Woodward Ave., Kalamazoo, Mich..	805
8CZ	London, Henry.....	267 Palmer St., Grand Rapids, Mich.....	90
8BN	Lovejoy, Julian.....	3325 Perkins Ave., Cincinnati, Ohio.....	40
8BM	Lueschen, C. D. G.....	110 Roehrer Ave., Buffalo, N. Y.....	15
8BO	Lyons, Henry E.....	Main and Cemetery Sts., Ripley, N. Y... ..	60
8EA	Mack, Clifford J.....	49 McGovern Ave., Ashtabula, Ohio.....	770
8BQ	Mengee, William E.....	6428 Aurelia St., Pittsburgh, Pa.....	275
8BR	Miner, Simeon.....	2253 East Jefferson Ave., Detroit, Mich..	21
8BS	Mogridge, Clarence J... ..	463 Sixteenth St., Detroit, Mich.....	1,000
8DS	Moynahan, Roy D.....	355 East Warren Ave., Detroit, Mich.....	400
8EB	Munsell, Robert S.....	191 Center St., Ashtabula, Ohio.....	330
8EM	Murphy, John V.....	98 St. James Pl., Buffalo, N. Y.....	24
8BT	Ogle, Harry B.....	2530 East Boulevard, Cleveland, Ohio... ..	375
8DF	Orrell, Robert W.....	87 Frederick Ave., Detroit, Mich.....	500
8CW	Osborn, Burr K.....	59 Delaware Ave., Detroit, Mich.....	960
8DY	Pancoast, Donald F.....	107 Prospect St., Ashtabula, Ohio.....	1,000

## AMATEUR RADIO STATIONS—EIGHTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
8CH	Paul, James T.....	628 North Euclid Ave., Pittsburgh, Pa..	60
8DJ	Phillips, Glenn.....	380 Dix Ave., Detroit, Mich.....	16
8CX	Phippeny, Forrest J....	R. F. D. No. 4, Battle Creek, Mich.....	30
8DX	Porter, Harry T.....	714 Main St., Conneaut, Ohio.....	900
8DA	Rathbun, Hugh T.....	112 Colfax St. NE., Grand Rapids, Mich..	50
8DC	Reb, Frank.....	1635 Gratiot Ave., Detroit, Mich.....	990
8CI	Richards, Theodore D..	934 West North Ave., Pittsburgh, Pa....	605
8DT	Rogers, Grant.....	1297 West One hundred and fourteenth St., Cleveland, Ohio.	525
8CD	Sachs, Gus.....	1522 Center St., Pittsburgh, Pa.....	275
8JM	Saunders, Norman W...	21 Bushey St., Detroit, Mich.....	220
8BY	Schwindt, Herman J...	3517 Bevis Ave., Cincinnati, Ohio.....	60
8EN	Shepard, Charles A....	186 Grant St., Buffalo, N. Y.....	12
8CN	Sheppard, Hamilton W.	6420 Darlington Road, Pittsburgh, Pa....	250
8CO	Sherrill, Alvin C.....	816 North Euclid Ave., Pittsburgh, Pa..	440
8BZ	Shumard, Asbury.....	5609 Tompkins Ave., Cincinnati, Ohio...	600
8DL	Sisson, William A.....	1024 Erie St., Toledo, Ohio.....	30
8CU	Smith, Arthur R.....	721 Hubbard Ave., Detroit, Mich.....	250
8CL	Smith, G. C.....	335 Atwood St., Pittsburgh, Pa.....	250
8CV	Smith, Lewis A.....	55 Brandon Ave., Detroit, Mich.....	35
8CK	Smith, Roland C.....	5814 Hays St., Pittsburgh, Pa.....	302
8EO	Stickney, Richard W...	94 Normal Ave., Buffalo, N. Y.....	25
8CA	Stueve, Everett S.....	3540 Wabash Ave., Cincinnati, Ohio....	330
8CB	Thiessen, H. F. W.....	161 East McMicken Ave., Cincinnati, Ohio.	590
8CM	Thorn, Thomas H.....	1217 Chislett St., Pittsburgh, Pa.....	225
8DK	Whitmoyer, Ralph.....	190 Frederick Ave., Detroit, Mich.....	190
8DZ	Williams, Homer.....	28 Auburn Ave., Ashtabula, Ohio.....	12
8DQ	Wood, Corlan E.....	Walnut St., Allegan, Mich.....	550
8DO	Wright, Claude B.....	822 Michigan St., Petoskey, Mich.....	250

## AMATEUR RADIO STATIONS—EIGHTH DISTRICT—Continued.

## ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
8AA	Anderson, Sidney E.	8CP	Baker, Norman E.
8AC	Becelaere, Lawrence.	8CQ	Brede, Erwin F.
8AD	Broome, Donald.	8CR	Cook, Wilbur E.
8AE	Berndt, William F.	8CS	Howland, Dean W.
8AJ	Claugh, Bert E.	8CT	Kreinbring, Walter F.
8AM	Cornell, Merle H.	8CU	Smith, Arthur R.
8AN	Davis, Frank.	8CV	Smith, Lewis A.
8AP	Dorsch, George.	8CW	Osborn, Burr K.
8AR	Ela, Edward C.	8CX	Phippeny, Forrest J.
8AS	Feightner, Amos E.	8CZ	London, Henry.
8AT	France, William.		
8AU	Frost, Harry E.	8DA	Rathbun, Hugh T.
8AV	Fullwood, William R.	8DB	Fellows, Bernard D.
8AX	Gentzsch, Leonard H.	8DC	Reb, Frank.
8AY	Grosse, Frederick W.	8DF	Orrell, Robert W.
8AZ	Hansen, Edmund H.	8DG	Bremer, Edmund.
		8DI	Barton, Charles E.
8BB	Higbee, Glenn A.	8DJ	Phillips, Glenn.
8BC	Holt, Nelson E.	8DK	Whitmoyer, Ralph.
8BD	Hoch, Ellery T.	8DL	Sisson, William A.
8BE	Lippert, John P.	8DM	Bruns, Carl H.
8BF	Jarvis, Roy.	8DN	Knappen, Bert.
8BG	Kastenber, Paul.	8DO	Wright, Claude B.
8BI	Kroeger, Gustav.	8DP	Lane, John C.
8BK	Lapp, Robert E.	8DQ	Wood, Corlan C.
8BL	Leyh, Edward L.	8DR	Holmes, Charles E.
8BM	Lueschen, C. D. G.	8DS	Moynahan, Roy D.
8BN	Lovejoy, Julian.	8DT	Rogers, Grant.
8BO	Lyons, Henry E.	8DU	Downing, Harry E.
8BQ	Menges, William E.	8DV	Cobb, Rupert.
8BR	Miner, Simeon.	8DW	Apger, Charles O.
8BS	Mogridge, Clarence J.	8DX	Porter, Harry T.
8BT	Ogle, Harry B.	8DY	Pancoast, Donald F.
8BU	Allonier, Howard R.	8DZ	Williams, Homer.
8BV	Gale, Roy H.		
8BW	Herman, Harold.	8EA	Mack, Clifford J.
8BX	Hubbell, Aaron W.	8EB	Munsell, Robert S.
8BY	Schwindt, Herman J.	8EC	Dunn, Frank L.
8BZ	Shumard, Asbury.	8ED	Carver, Alfred J.
		8EE	Coleman, Clarence E.
8CA	Stueve, Everett S.	8EF	Dorst, Edward.
8CB	Thiessen, H. F. W.	8EG	Gebhard, Louis A.
8CC	Kesel, George.	8EH	Grove, Nelson B.
8CD	Sachs, Gus.	8EJ	Kolb, Edwin H.
8CE	Adler, Jerome.	8EK	Kumpf, Elmer H.
8CF	Hull, Guy McC.	8EL	Langenbach, Leo.
8CG	Hull, Ralph.	8EM	Murphy, John V.
8CH	Paul, James T.	8EN	Shepard, Charles A.
8CI	Richards, Theodore D.	8EO	Stickney, Richard W.
8CJ	Andrews, William S.		
8CK	Smith, Roland C.	8JL	Appleton, Francis W.
8CL	Smith, G. C.	8JM	Saunders, Norman W.
8CM	Thorn, Thomas H.	8JN	Howes, Stanley L.
8CN	Sheppard, Hamilton W.	8JO	Little, Donald G.
8CO	Sherrill, Alvin C.		

## AMATEUR RADIO STATIONS—Continued.

## NINTH DISTRICT.

[Headquarters: Customhouse, Chicago, Ill. The ninth district comprises the States of Indiana, Illinois, Wisconsin, Michigan (Upper Peninsula), Minnesota, Kentucky, Missouri, Kansas, Colorado, Iowa, Nebraska, South Dakota, North Dakota.]

## ALPHABETICALLY BY OWNERS OF STATIONS.

Call signal.	Owner of station.	Location of station.	Pow.
			Watts.
9AS	Billister, Earl D.....	2610 Dupont Ave., Minneapolis, Minn....	1,000
9AD	Bryant, Stanley C.....	2439 Mozart St., Chicago, Ill.....	150
9AI	Cutting, Irving E.....	3611 Galena St., Milwaukee, Wis.....	700
9AM	Foster, Edwin J.....	925 Winchester St., Milwaukee, Wis.....	750
9AB	Groskopf, William I....	4816 West Berteau Ave., Chicago, Ill....	250
9AE	Gundlach, Waldo L.....	1837 Pratt Ave., Chicago, Ill.....	20
9AV	Hamel, Walter H.....	1006 South Fourteenth St., Lafayette, Ind.	.....
9AR	Hines, Gene.....	1209 West Twenty-fifth St., Minneapolis, Minn.	250
9AF	Hollister, Harold A....	370 Eighteenth Ave., Milwaukee, Wis....	.....
9AA	Klantz, Clarence.....	3809 Vincennes Ave., Chicago, Ill.....	500
9AK	Kottler, C. F.....	1035 Second St., Milwaukee, Wis.....	.....
9AO	Lipman, Theodore E....	136 Grand Ave., Belair, Wis.....	1,000
9AG	Marx, Gustav A.....	334½ Fifteenth St., Milwaukee, Wis....	.....
9AP	Morgan, Hiram.....	Morgan Farm, R. F. D. No. 30, near Beloit, Wis.	1,000
9AC	McGuffage, William J..	4418 Wabash Ave., Chicago, Ill.....	500
9AQ	Riner, John A.....	High School, Beloit, Wis.....	1,000
9AL	Schroeder, William....	647 Washington St., Milwaukee, Wis....	.....
9AJ	Siegel, R. C.....	478 Potter Ave., Milwaukee, Wis.....	800
9AT	Stetson, Donald T.....	2162 Carrol Ave., St. Paul, Minn.....	400
9AU	Taylor, Thomas J.....	1846 Lincoln Ave., St. Paul, Minn.....	280
9AH	Thomas, Carroll W.....	266 Seventeenth St., Milwaukee, Wis....	12
9AN	Willett, Charles J.....	425 Clement Ave., Milwaukee, Wis.....	440

## AMATEUR RADIO STATIONS—NINTH DISTRICT—Continued.

ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
9AA	Klantz, Clarence.	9AL	Schroeder, William.
9AB	Groskopf, William L.	9AM	Foster, Edwin J.
9AC	McGuffage, William J.	9AN	Willett, Charles J.
9AD	Bryant, Stanley C.	9AO	Lipman, Theodore E.
9AE	Gundlach, Waldo L.	9AP	Morgan, Hiram.
9AF	Hollister, Harold A.	9AQ	Riner, John A.
9AG	Marx, Gustav A.	9AR	Hines, Gene.
9AH	Thomas, Carroll W.	9AS	Billister, Earl D.
9AI	Cutting, Irving E.	9AT	Stetson, Donald T.
9AJ	Siegel, R. C.	9AU	Taylor, Thomas J.
9AK	Kottler, C. F.	9AV	Hamel, Walter H.

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DEPARTMENT OF COMMERCE  
U. S. BUREAU OF NAVIGATION  
RADIO SERVICE

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# RADIO STATIONS OF THE UNITED STATES

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EDITION JULY 1, 1914



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1914

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SUPPLEMENTS WILL BE ISSUED QUARTERLY, AND THE  
LIST REVISED ANNUALLY AS OF JULY 1. THE SUPPLE-  
MENTS WILL CONTAIN INFORMATION CONCERNING  
GOVERNMENT, COMMERCIAL, AND SPECIAL STATIONS  
ONLY. INFORMATION REGARDING AMATEUR STATIONS  
WILL APPEAR ONLY IN THE ANNUAL EDITION OF RADIO  
STATIONS.

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## NOTES.

Underscoring of normal wave lengths is indicated by the use of italics.  
Government vessels showing "nature of service" to be PG will accept or transmit paid messages for officers or members of crews.

Government vessels proceeding singly may relay messages to the coast upon request. The regular ship rate will apply.

### INTERNATIONAL ABBREVIATIONS USED IN THIS LIST.

#### Nature of service:

PG=General public.

PR=Limited public.

P=Private (limited commercial and special).

O=Government business exclusively.

#### Hours of operation:

N=Continuous service.

X=No regular hours.

#### Classification:

b=Ship station.

c=Land station.

### OTHER ABBREVIATIONS.

Assn.=Association.

Corp.=Corporation.

Nav.=Navigation.

Transp.=Transportation.

Marconi Co.=Marconi Wireless Telegraph Co. of America.

U. S. R. C. S.=United States Revenue-Cutter Service.

D., L. & W. R. R. Co.=Delaware, Lackawanna & Western Railroad Co.

# RADIO STATIONS OF THE UNITED STATES.

## INTRODUCTION.

This list, including land and ship stations, is published in accordance with Section I of an act of Congress entitled "An act to regulate radio communication," approved August 13, 1912.

The following instructions concerning radio call letters are issued for the information of those concerned:

1. Section 7 of the act of August 13, 1912, to regulate radio communication provides:

Sec. 7. That a person, company, or corporation within the jurisdiction of the United States shall not knowingly utter or transmit, or cause to be uttered or transmitted, any false or fraudulent distress signal or call or false or fraudulent signal, call, or other radiogram of any kind. The penalty for so uttering or transmitting a false or fraudulent distress signal or call shall be a fine of not more than two thousand five hundred dollars or imprisonment for not more than five years, or both, in the discretion of the court, for each and every such offense, and the penalty for so uttering or transmitting, or causing to be uttered or transmitted, any other false or fraudulent signal, call, or other radiogram shall be a fine of not more than one thousand dollars or imprisonment for not more than two years, or both, in the discretion of the court, for each and every such offense.

2. The Service Regulations of the International Radiotelegraphic Conventions provide that the call letters of stations in the international system must each be formed of a group of three letters which shall be distinguishable from one another. The London International Radiotelegraphic Conference made a partial allotment of call letters among nations which signed the convention and the International Bureau at Berne, with the consent of such nations, has modified and added to this assignment of call letters by circular of April 1, 1914. The distribution of call letters among nations thus authorized is printed below for the guidance of operators of all stations (ship and shore) of the United States.

.....All to Germany and protectorates.	CRA to CTZ... Portugal and colonies.
.....All to Great Britain.	CUA to CUZ... Not yet assigned.
AA to CEZ... Chile.	CVA to CVZ... Roumania.
FA to CMZ... Not yet assigned.	CWA to CWZ... Uruguay.
NA to CNZ... Morocco.	CXA to CZZ... Not yet assigned.
OA to COZ... Not yet assigned.	D.....All to Germany and protectorates.
PA to CPZ... Bolivia.	EAA to EGZ... Spain and colonies.
QA to CQZ... Monaco.	EHA to EZZ... Not yet assigned.

F.....All to France and colonies.	PNA to PZZ...Brazil.
G.....All to Great Britain.	Q.....Reserved for code abbreviations.
HAA to HFZ..Austria-Hungary and Bosnia-Herzegovina.	R.....All to Russia.
HGA to HHZ..Siam.	SAA to SMZ...Sweden.
HIA to HIZ..Dominican Republic.	SNA to STZ...Brazil.
HJA to HKZ..Colombia (Republic).	SUA to SUZ...Egypt.
HLA to HZZ..Not yet assigned.	SVA to SZZ...Greece.
I.....All to Italy and colonies.	TAA to TMZ...Turkey.
J.....All to Japan and possessions.	TNA to TZZ...Not yet assigned.
KAA to KCZ..Germany and protectorates.	UAA to UMZ..France and colonies.
KDA to KZZ..United States.	UNA to UZZ..Austria-Hungary and Bosnia-Herzegovina.
LAA to LHZ..Norway.	VAA to VGZ..Canada (British).
LIA to LRZ..Argentine Republic.	VHA to VKZ..Australian Federation (British).
LSA to LWZ..Not yet assigned.	VLA to VMZ..New Zealand (British).
LXA to LZZ..Bulgaria.	VNA to VNZ..South African Union (British).
M.....All to Great Britain.	VOA to VOZ..Newfoundland (British).
N.....All to the United States.	VPA to VSZ...British colonies not autonomous.
OAA to OFZ..Not yet assigned.	VTA to VWZ..British India.
OGA to OMZ..Austria-Hungary and Bosnia-Herzegovina.	VXA to VZZ..Great Britain.
ONA to OTZ...Belgium and colonies.	W.....All to the United States.
OUA to OZZ..Denmark.	XAA to XDZ..Mexico.
PAA to PIZ...Netherlands.	XEA to XZZ..Not yet assigned.
PJA to PJM...Curaçao (Dutch).	YAA to YZZ..Not yet assigned.
PJN to PJZ...Surinam (Dutch).	ZAA to ZZZ...Not yet assigned.
PKA to PMZ..Dutch East Indies.	

## PUBLIC-SERVICE STATIONS.

3. The call letters assigned to the United States are all combinations (676) beginning with the letter N and all (676) beginning with the letter W, and all combinations (598) from KDA to KZZ, inclusive. The total number of international call letters assigned to the United States is thus 1,950, and these are reserved for Government stations and stations open to public and limited commercial service.

(a) All combinations beginning with the letter N are reserved for Government stations and in addition the combinations from WUA to WVZ and WXA to WZZ are reserved for stations of the Army of the United States.

(b) The combinations KDA to KZZ, with a few exceptions, are reserved for ship stations on the Atlantic and Gulf of Mexico and for land stations on the Pacific coast.

(c) The combinations beginning with W (except WUA to WVZ and WXA to WZZ as already indicated) are reserved, with a few exceptions, for ship stations on the Pacific and the Great Lakes and for land stations on the Atlantic and Gulf coasts and in the Great Lakes region.

## AMATEUR STATIONS.

4. The call letters for amateur stations in the United States will be awarded by radio inspectors, each for his own district, according to the following system:

(a) The call will consist of three items—the number of the radio district, followed by two letters of the alphabet. Thus, the call of all amateur stations in New England (which comprises the first district) will be the figure “one” in Continental Morse, followed by two letters; in California (in the sixth district) the figure “six” followed by two letters; in South Carolina the figure “four” followed by two letters; in Missouri the figure “nine” followed by two letters, etc. The letters X, Y, Z, must not be used as the first of the two letters.

The territory of each district is as follows:

1. **BOSTON, MASS.**.....Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut.
2. **NEW YORK, N. Y.**....New York (county of New York, Staten Island, Long Island, and counties on the Hudson River to and including Albany, Rensselaer, and Schenectady), and New Jersey (counties of Bergen, Passaic, Essex, Union, Middlesex, Monmouth, Hudson, and Ocean).
3. **BALTIMORE, MD.**....New Jersey (all counties not included in second district), Pennsylvania (counties of Philadelphia, Delaware, all counties south of the Blue Mountains, and Franklin County), Delaware, Maryland, Virginia, District of Columbia.
4. **SAVANNAH, GA.**.....North Carolina, South Carolina, Georgia, Florida, Porto Rico.
5. **NEW ORLEANS, LA.**....Alabama, Mississippi, Louisiana, Texas, Tennessee, Arkansas, Oklahoma, New Mexico.
6. **SAN FRANCISCO, CAL.**..California, Hawaii, Nevada, Utah, Arizona.
7. **SEATTLE, WASH.**.....Oregon, Washington, Alaska, Idaho, Montana, Wyoming.
8. **CLEVELAND, OHIO.**....New York (all counties not included in second district), Pennsylvania (all counties not included in third district), West Virginia, Ohio, Michigan (Lower Peninsula).
9. **CHICAGO, ILL.**.....Indiana, Illinois, Wisconsin, Michigan (Upper Peninsula), Minnesota, Kentucky, Missouri, Kansas, Colorado, Iowa, Nebraska, South Dakota, North Dakota.

(b) The three items—a given figure first, followed by two letters of the alphabet—thus may be combined in 598 different calls, which will probably suffice for the amateur sending stations in most districts for some time to come.

(c) Radio inspectors will insert amateur station calls in station licenses according to this system, and will keep a permanent chart of 598 squares, lettered with the alphabet from left to right and from top to bottom (A to W), inserting in the appropriate square the serial license number and name of owner of the station to which the call letters were awarded. Within these limitations radio inspectors



will use their discretion in the award of calls, avoiding, of course, duplications.

(d) When a station is abandoned and the license canceled, or if a license shall be forfeited for violation of law, the call assigned to it may be allotted to another station.

(e) If the entire 598 calls have been exhausted, radio inspectors will issue additional calls, consisting of the figure of the district followed by three letters. From such combinations should be excluded the combinations SOS and PRB, all three-letter combinations beginning with QR or QS, all combinations involving the repetition of the same letter three times, three-letter combinations beginning with K, N, W, X, Y, Z, and other combinations, which, for various reasons, international, national, local, or individual, may be objectionable. With such exclusions, over 10,000 calls will remain for each district.

#### LIMITED COMMERCIAL STATIONS.

5. Calls for limited commercial land stations will be allotted by the Bureau of Navigation.

#### SPECIAL CLASSES OF STATIONS.

6. Calls for special classes of stations, such as experiment stations for the development of radio communications, technical and training school stations, and special amateur stations will be allotted by the Bureau of Navigation.

The call will consist of three items—the number of the radio district, followed by two letters of the alphabet. The first letter will be: X, for experiment stations; Y, technical and training schools; Z, special amateur stations.

Twenty-six different combinations for each class in each district, of course, are possible. If more should prove necessary for any class in any district, a third letter will be added to the call.

#### RADIO STATIONS OF THE WORLD.

The International List of Radio Stations of the World (edition in English) can be procured from the International Bureau of the Telegraphic Union (Radiotelegraphic Service), Berne, Switzerland.

In addition to the information contained in the pamphlet of the United States stations, published by the Bureau of Navigation, the international list shows geographical locations, normal ranges in nautical miles, radio systems, and rates.

The international list includes the Government and commercial land and ship stations of the United States. The list is divided into three parts. The first part contains a list of ship stations, grouped

by countries and arranged alphabetically; the second part contains a list of land stations arranged in the same manner; and the third part contains tables of land line and cable charges from coast radio stations to inland and various other points. In computing the total word rate applicable to a radiogram from a ship station to an inland point, or vice versa, the three rates must be added. The rates in the international list are given in francs, but may be converted into dollars and cents by multiplying by five. Supplements to the international list will be issued monthly, and will contain new stations and tables of alterations. A copy of the international list should be in every land and ship station open to commercial business as the official tariff book.

The International Alphabetical List of Call Letters (stations of the world) is also issued by the International Bureau at Berne, and supplements will be issued monthly.

Neither the international list nor the supplements will contain a list of amateur stations.

Inquiries as to the subscription prices of these lists should be made direct to the Berne bureau at the address given above. Remittances to Berne should be made by international postal money orders.

E. T. CHAMBERLAIN,  
*Commissioner of Navigation.*

Approved:

WILLIAM C. REDFIELD,  
*Secretary.*

## PART I.

### LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

[This list includes commercial, special, Army, Navy, and all other land stations except restricted and general amateur. The special land stations are grouped at the end of this list.]

Station.	Call signal.	Wave lengths.	Service.	Hours of operation.	Station controlled by—
Annapolis, Md. . . . .	NAK	.....	O	8 a. m. to 10 p. m.	U. S. Navy.
Arlington, Radio, Va.	NAA	.....	O	N	U. S. Navy.
Ashtabula, Ohio.....	WSA	300, 600	PG	6.30 a. m. to 6 p. m.	Marconi Co.
Astoria, Oreg.....	KPC	300, 600	PG	N	Marconi Co.
Avalon, Cal.....	KPI	300, 600	PR	7 a. m. to 8 p. m.	Marconi Co.
Balboa, Panama.....	NPJ	600	PG	N	U. S. Navy.
Baltimore, Md.....	WBS	300, 550, 600	PG	6 a. m. to midnight.	Marconi Co.
Beaufort, N. C. . . . .	NAN	.....	O	N	U. S. Navy.
Belmar, N. J. . . . .	WII	.....	.....	.....	Marconi Co.
Benton Harbor, Mich.	WBN	.....	.....	.....	Marconi Co.
Binghamton, N. Y. . . .	WBT	1610	PR	X	D., L. & W. R. R. Co.
Bolinas, Cal.....	KET	.....	.....	.....	Marconi Co.
Boston, Mass.....	WCH	300, 600, 1610, 2000, 2400, 2800	P	X	Nat. Elec. Signaling Co.
Boston, Mass.....	WBF	300, 600	PG	N	Marconi Co.
Boston, Mass.....	NAD	.....	O	N	U. S. Navy.
Bremerton, Wash. See Puget Sound.					
Brooklyn, N. Y. . . . .	WCG	300, 600, 1610, 2000, 2400, 2800	PR	4 a. m. to 9 p. m.	Nat. Elec. Signaling Co.
Buffalo, N. Y.....	WBL	300, 600	PG	.....	Marconi Co.
Burrwood, La. . . . .	WBW	.....	.....	.....	Tropical Radio Telegraph Co.
Calumet, Mich.....	WCM	.....	.....	.....	Marconi Co.

LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Serv-ice.	Hours of operation.	Station controlled by—
Cape Blanco, Oreg. . .	NPF	600	PG	N	U. S. Navy.
Cape Cod, Mass. . . . .	NAE	.....	O	N	U. S. Navy.
Cape Hatteras (Bux- ton), N. C.	WHA	300, 600	PG	N	Marconi Co.
Cape May, N. J. . . . .	WCY	300, 600	PG	N	Marconi Co.
Cavite, P. I. . . . .	NPO	.....	O	N	U. S. Navy.
Charleston, S. C. . . . .	NAO	600	PG	N	U. S. Navy.
Chicago, Ill. . . . .	WGO	300, 600	PG	12.30 p. m. to 7 p. m.; 8 p. m. to 11.30 p. m.; 12.30 a. m. to 7 a. m.; 8 a. m. to 11.30 a. m.; when lake is open to naviga- tion.	Marconi Co.
Chignik, Alaska. . . . .	KHC	.....	.....	.....	Marconi Co.
Circle City, Alaska. . .	WVA	600, 1400	O	.....	U. S. Army.
Clarks Point, Alaska. .	KHG	.....	.....	.....	Marconi Co.
Cleveland, Ohio. . . . .	WCX	300, 600	PG	.....	Marconi Co.
Colon, Panama. . . . .	NAX	600	PG	N	U. S. Navy.
Cordova, Alaska. . . . .	NPA	600	PG	N	U. S. Navy.
Corregidor Isld., P. I. <i>See</i> Fort Mills.					
Cuyo, P. I. . . . .	WVX	600, 1200	PG	7 a. m. to 6.15 p. m.	Insular Govt., Phil- ippine Islds.
Daly City, Cal. <i>See</i> Hillcrest.					
Davao, Mindanao Isld., P. I.	WVO	600, 1200	PG	7 a. m. to 6 p. m.	U. S. Army.
Detroit, Mich. . . . .	WDR	300, 600	PG	7 a. m. to 11.30 a. m.; 12.30 p. m. to 6.00 p. m.; 7 p. m. to 11 p. m.; midnight to 6 a. m.	Marconi Co.

## LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Service.	Hours of operation.	Station controlled by—
Diamond Shoals Lightship (off Cape Hatteras, N. C.).	NLB	.....	O	6 a. m. to 10 p. m.	U. S. Navy.
D., L. & W. R. R. limited train.	WBI	.....	.....	.....	D., L. & W. R. R. Co.
Douglas, Ariz.....	KDC	300. 600	P	10 a. m. to 11 a. m.; 4 p. m. to 5 p. m.	Copper Queen Consolidated Mining Co.
Dover, N. J.....	WBX	.....	.....	.....	D., L. & W. R. R. Co.
Duluth, Minn.....	WDM	300, 600	PG	Apr. 15 to Dec. 15: N, except from 6 a. m. to 7 a. m.; 12 noon to 1 p. m.; 6 p. m. to 7 p. m. Dec. 15 to Apr. 15: 7 a. m. to 7 p. m., except from 12 noon to 1 p. m.	Marconi Co.
Dutch Harbor, Alaska	NPR	600	PG	N	U. S. Navy.
East San Pedro, Cal..	KPJ	300, 500, 600	{ PR PG }	N	Marconi Co.
Ellamar, Alaska.....	KIS	.....	.....	.....	Marconi Co.
El Paso, Tex.....	WEP	2000, 2500, 2900. 3500	PR	6 a. m. to 7 p. m.	Federal Telegraph Co.
Ensenada, P. R.....	WPR	.....	.....	.....	Guanica Centrale.
Eureka, Cal.....	KPM	.....	.....	.....	Marconi Co.
Eureka, Cal.....	NPW	600	PG	N	U. S. Navy.
Fairbanks, Alaska...	WVB	600, 1400	PG	.....	U. S. Army.
Farallons, Cal.....	NPI	.....	O	N	U. S. Navy.
Fire Island, N. Y....	NAG	.....	O	N	U. S. Navy.
Fort Andrews, Mass..	WUA	.....	O	.....	U. S. Army.

## LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Service.	Hours of operation.	Station controlled by—
Fort De Russy, Hawaii.	WZG	.....	O	.....	U. S. Army.
Fort Drum, El Fraile Isld., Manila Bay, P. I.	WVP	.....	O	.....	U. S. Army.
Fort Egbert, Eagle, Alaska.	WVC	600, 1400	O	.....	U. S. Army.
Fort Frank, Carabao Isld., Manila Bay, P. I.	WVL	.....	O	.....	U. S. Army.
Fort Gibbon, Tanana, Alaska.	WVD	1600, 2000	O	.....	U. S. Army.
Fort Hancock, N. J. . .	WUB	.....	O	.....	U. S. Army.
Fort H. G. Wright, N. Y.	WUC	.....	O	.....	U. S. Army.
Fort Hughes, Caballo Isld., Manila Bay, P. I.	WVM	.....	O	.....	U. S. Army.
Fort Leavenworth, Kans.	WUD	1800	O	.....	U. S. Army.
Fort Leavenworth, Kans. (Army Signal School).	WUV	.....	O	.....	U. S. Army.
Fort Levett, Me. ....	WUE	.....	O	.....	U. S. Army.
Fort Mills, Corregidor Isld., Manila Harbor, P. I.	WVN	.....	O	.....	U. S. Army.
Fort Monroe, Va. ....	WUF	.....	O	.....	U. S. Army.
Fort Monroe, Va. (Coast Artillery School).	WUG	.....	O	.....	U. S. Army.
Fort Morgan, Ala. ....	WFM	.....	.....	.....	Marconi Co.
Fort Omaha, Nebr. . .	WUH	1600	O	.....	U. S. Army.
Fort Riley, Kans. ....	WUI	1200	O	.....	U. S. Army.
Fort Sam Houston, Tex.	WUJ	650	O	.....	U. S. Army.
Fort Shafter, Honolulu, Hawaii.	WZH	300	O	.....	U. S. Army.
Fort Stevens, Oreg. . .	WUK	.....	O	.....	U. S. Army.

## LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Serv-ice.	Hours of operation.	Station controlled by—
Fort St. Michael, St. Michael Isld., Alaska.	WVE	600, 1200	PG	9 a. m. to 9 p. m.	U. S. Army.
Fort Terry, N. Y. ....	WUW	1200	O	.....	U. S. Army.
Fort Totten, N. Y. ....	WUL	.....	O	.....	U. S. Army.
Fort Winfield Scott, Cal.	WUO	.....	O	.....	U. S. Army.
Fort Wint, Grand Isld., Manila Bay, P. I.	WVR	.....	O	.....	U. S. Army.
Fort Wm. McKinley, Luzon Isld., P. I.	WVQ	600	O	.....	U. S. Army.
Fort Wood, N. Y. ....	WUM	.....	O	.....	U. S. Army.
Fort Worden, Wash..	WUN	.....	O	.....	U. S. Army.
Fort Worth, Tex. ....	WFF	2000, 2500, 2900, 3500	PR	6 a. m. to 6 p. m.	Federal Telegraph Co.
Frankfort, Mich. ....	WFK	300, 600	.....	.....	Marconi Co.
Friday Harbor, Wash.	KPD	300, 600	PG	7 a. m. to 2.30 a. m.	Marconi Co.
Frying Pan Shoals Lightship (off Cape Fear, N. C.)	NLC	.....	O	6 a. m. to 10 p. m.	U. S. Navy.
Galveston, Tex. ....	WGV	300, 600	PG	7 a. m. to 11 p. m.	Marconi Co.
Grand Haven, Mich..	WGH	300, 600	PR	.....	Marconi Co.
Grand Marais, Minn..	WGM	300, 600	PR	.....	Marconi Co.
Guam, Marianne Islds., Pacific Ocean.	NPN	600	PG	N	U. S. Navy.
Guantanamo Bay, Cuba.	NAW	600	PG	N	U. S. Navy.
Hatteras, N. C. <i>See</i> Cape Hatteras.					
Heeia Point, Hawaii..	KHX	300, 600, 3000, 3500, 5500, 8000, 10000, 12000	PR	N	Federal Telegraph Co.
Hillcrest, Cal. ....	KPH	300, 600	PG	N	Marconi Co.
Hoboken, N. J. ....	WBU	.....	.....	.....	D., L. & W. R. R. Co.

LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Service.	Hours of operation.	Station controlled by—
Hollister (near), Cal..	KGH	300, 600, 1700	PR	X	George Hewlett (Inc.).
Honolulu, Hawaii....	NPM	.....	O	N	U. S. Navy.
Isle Royal, Mich.....	WRO	300, 600	.....	.....	Marconi Co.
Jacksonville, Fla.....	WJX	300, 600	PG	5.30 a. m. to mid-night.	Marconi Co.
Jolo, Jolo Isld., P. I. . .	WVS	600	PG	7 a. m. to 5.15 p. m.	Insular Govt., Philippine Islds.
Jualin, Alaska.....	KJA	.....	.....	.....	Marconi Co.
Juneau, Alaska.....	KDU	.....	.....	.....	Marconi Co.
Jupiter, Fla.....	NAQ	600	PG	N	U. S. Navy.
Kahuku, Hawaii.....	KIE	.....	.....	.....	Marconi Co.
Kahuku, Hawaii.....	KHK	.....	.....	.....	Mutual Telephone Co. (Ltd.).
Karluk, Alaska.....	KHA	.....	.....	.....	Marconi Co.
Kaunakakai, Hawaii .	KHO	300, 450	PR	X	Mutual Telephone Co. (Ltd.).
Kawaihae, Hawaii....	KHN	300, 600	.....	.....	Mutual Telephone Co. (Ltd.).
Ketchikan, Alaska . . .	KPB	.....	.....	.....	Marconi Co.
Key West, Fla.....	NAR	600	PG	N	U. S. Navy.
Kodiak, Alaska.....	NPS	600	PG	N	U. S. Navy.
Kogiung, Alaska.....	KHB	.....	.....	.....	Marconi Co.
Koko Head, Hawaii..	KHJ	.....	.....	.....	Marconi Co.
Koko Head, Hawaii..	KIE	.....	.....	.....	Marconi Co.
Kotlik, Alaska.....	WVF	600	PG	9 a. m. to 9 p. m. during season of navigation only.	U. S. Army.
"Lackawanna Limited." See D., L. & W. R. R. limited train.					
Lahaina, Hawaii...	KHL	300, 600	PG	.....	Mutual Telephone Co. (Ltd.).



## LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Service.	Hours of operation.	Station controlled by—
Lihue, Hawaii.....	KHM	300, 600	PG	.....	Mutual Telephone Co. (Ltd.).
Los Angeles, Cal.....	KEX	300, 600	P	9 a. m. to 5 p. m.	Marconi Co.
Los Angeles, Cal.....	KLS	.....	.....	.....	Federal Telegraph Co.
Ludington, Mich.....	WLD	300, 600	PG	7 a. m. to 6 p. m.; 7 p. m. to 6 a. m. Apr. 15 to Dec. 15 only.	Marconi Co.
Mackinac Island, Mich.	WHQ	.....	.....	.....	Marconi Co.
Malabang, Mindanao Isld., P. I.	WVT	600, 1200	PG	7 a. m. to 7.30 p. m.	Insular Govt., Philippine Islds.
Manila, P. I.....	WVU	600	O	.....	U. S. Army.
Manistique, Mich....	WMX	.....	.....	.....	Marconi Co.
Manitowoc, Wis.....	WMW	300, 600	PG	8 a. m. to 11.30 a. m.; 2.30 p. m. to 6 p. m.; 7.30 p. m. to 9 p. m.	Marconi Co.
Mare Island, Cal.....	NPH	.....	O	N	U. S. Navy.
Marshall, Cal. <i>See</i> Bolinas, Cal.					
Marshfield, Oreg.....	KPX	300, 435, 600	PG	8 a. m. to 6 p. m.	Marconi Co.
Miami, Fla.....	WST	300, 600, 1800	PG	N	Marconi Co.
Milwaukee, Wis.....	WME	300, 600	PG	1.30 a. m. to 6 a. m.; 7 a. m. to 12.30 p. m.; 1.30 p. m. to 6 p. m.; 7 p. m. to 12.30 a. m.	Marconi Co.
Mobile, Ala.....	WMB	300, 600	PG	7 a. m. to 9 a. m.; 10 a. m. to noon; 2 p. m. to 6 p. m.	Marconi Co.
Naknek, Alaska.....	KHT	.....	.....	.....	Marconi Co.
Nantucket Shoals Lightship (off Newport, R. I.).	NLA	.....	O	4 a. m. to midnight	U. S. Navy.

LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Serv-ice.	Hours of operation.	Station controlled by—
New Brunswick, N. J. See Belmar, N. J.					
New London, Conn.	NRZ	300, 600	O	X	U. S. R. C. S.
New London, Conn.	WLC	300, 510, 600, 1610, 1700, 1800, 1900, 2000.	PG	8 p. m. to 4. a. m.	T. A. Scott Co. (Inc.).
New Orleans, La. . . .	NAT	.....	O	8 a. m. to 10 p. m.	U. S. Navy.
New Orleans, La. . . .	WHK	300, 600	PG	7 a. m. to 11 p. m.	Marconi Co.
New Orleans, La. . . .	WNU	.....			Tropical Radio Telegraph Co.
Newport, R. I. . . . .	NAF	.....	O	N	U. S. Navy.
Newport, R. I. . . . .	WCI	300, 400, 500, 600.	PG	7 p. m. to 5 a. m.	Nat. Elec. Signaling Co.
Newton, Mass. . . . .	WLN	300, 600, 1650, 2000.	PR	X	Ralph C. Emery.
New York, N. Y. . . . .	NAH	.....	O	N	U. S. Navy.
New York, N. Y. . . . .	WHB	300, 600, 1610	PG	N	N. Y. Herald Co.
New York, N. Y. . . . .	WHD	.....			N. Y. City Fire Dept.
New York, N. Y. . . . .	WHI	300, 600	PG	N	Marconi Co.
New York, N. Y. . . . .	WNT	300, 600, 1800	PG	N	Atlantic Communication Co.
Nome, Alaska. . . . .	WVG	600, 2000	PG	9 a. m. to 9 p. m.	U. S. Army.
Norfolk, Va. . . . .	NAM	.....	O	N	U. S. Navy.
North Head, Wash. . .	NPE	600	PG	N	U. S. Navy.
Nulato, Alaska. . . . .	WVH	2000	O	.....	U. S. Army.
Nuuhagak, Alaska. . .	KHF	.....			Marconi Co.
Olongapo, P. I. . . . .	NPT	.....	O	N	U. S. Navy.
Peking, China. . . . .	NPP	.....	O	N	U. S. Navy.
Pensacola, Fla. . . . .	NAS	600	PG	N	U. S. Navy.
Petersburg, Alaska. . .	WVI	600	PG	9 a. m. to 9 p. m.	U. S. Army.

<sup>1</sup> This station will accept general public service in emergencies, when open.

## LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Service.	Hours of operation.	Station controlled by—
Philadelphia, Pa.....	WHE	300, 600, 1610	PG	N	Marconi Co.
Philadelphia, Pa.....	NAI	.....	O	N	U. S. Navy.
Phoenix, Ariz.....	KHQ	.....	.....	.....	Federal Telegraph Co.
Point Arguello, Cal...	NPK	600	PG	N	U. S. Navy.
Port Arthur, Tex.....	WRU	300, 600	PG	6.30 a.m. to 7.30 a.m.; 9.30 a.m. to 10.30 a.m.; 2.30 p. m. to 3.30 p.m.; 4.30 p.m. to 5.30 p. m.; 7 p.m. to 8 p.m.	Marconi Co.
Portland, Me.....	NAB	.....	O	8 a. m. to 10 p. m.	U. S. Navy.
Portsmouth, N. H....	NAC	.....	O	N	U. S. Navy.
Puerto Princesa, Paragua, P. I.	WVY	600, 1200	PG	7 a. m. to 6 p. m.	Insular Govt., Philippine Islds.
Puget Sound, Wash..	NPC	.....	O	N	U. S. Navy.
River Rouge, Mich. <i>See</i> Detroit, Mich.	.....	.....	.....	.....	.....
Sagaponack, N. Y....	WSK	300, 600	PG	N	Marconi Co.
San Diego, Cal.....	KSD	.....	.....	.....	Federal Telegraph Co.
San Diego, Cal.....	NPL	600	PG	N	U. S. Navy.
San Francisco, Cal...	KFS	300, 600, 3000, 3500, 3700, 3800	PR	N	Federal Telegraph Co.
San Francisco, Cal. <i>See</i> Hillcrest.	.....	.....	.....	.....	Marconi Co.
San Jose, Mindoro Ild., P. I.	WVY	600	PG	7 a. m. to 6.15 p. m.	Insular Govt., Philippine Islds.
San Juan, P. R.....	NAU	600	PG	N	U. S. Navy.
San Luis Obispo, Cal.	KDN	300, 600	PG	8.30 a. m. to noon; 1.30 p.m. to 5 p.m.; 7.30 p.m. to 10 p.m.	Marconi Co.
San Pedro, Cal. <i>See</i> East San Pedro.	.....	.....	.....	.....	.....
Sault Ste. Marie, Mich.	WSI	.....	.....	.....	Marconi Co.

LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Serv-ice.	Hours of operation.	Station controlled by—
Savannah, Ga.....	WSV	300, 600	PG	6 a. m. to midnight.	Marconi Co.
Sayville, N. Y.....	WSL	300, 600, 2740	PG	N	Atlantic Communi- cation Co.
Sayville, N. Y.....	WSL	2480, 2740, 3600, 4800, 8000.	PR	X	Atlantic Communi- cation Co.
Scranton, Pa.....	WTP	.....	.....	.....	D. L. & W. R. R. Co.
Sea Gate, N. Y.....	WSE	300, 600	PG	N	Marconi Co.
Seattle, Wash.....	KPA	300, 600	PG	N	Marconi Co.
Siasconset, Mass. ....	WSC	300, 600	PG	N	Marconi Co.
Sitka, Alaska.....	NPB	600	PG	N	U. S. Navy.
South San Francisco, Cal.	KSS	300, 600, 3000, 3500, 5000, 8000, 10000, 12000.	PR	N	Federal Telegraph Co.
South Wellfleet, Mass.	WCC	300, 600, 2040	PG	N	Marconi Co.
St. Augustine, Fla...	NAP	600	PG	N	U. S. Navy.
St. George, Pribilof Islds., Alaska.	NPY	600	O	X	U. S. Navy.
St. Paul, Pribilof Islds., Alaska.	NPQ	600	PG	N	U. S. Navy.
Tampa, Fla.....	WPD	300, 600	PG	June 1 to Sept. 30: 7 a. m. to 10 a. m.; noon to 3 p. m.; 6 p. m. to 8 p. m. Oct. 1 to May 31: 7 a. m. to 1 a. m.	Marconi Co.
Tatooch, Wash.....	NPD	600	PG	N	U. S. Navy.
Tuckerton, N. J.....	WGG	.....	.....	.....	.....
Tutuila, Samoa.....	NPU	600	PG	.....	U. S. Navy.
Unalga, Alaska.....	NPV	600	PG	N	U. S. Navy.
Virginia Beach, Va...	WSY	300, 600	PG	N	Marconi Co.
Washington, D. C. (Navy Yard).	NAL	.....	O	N	U. S. Navy.
Washington, D. C. (U. S. Capitol).	NZY	250, 650, 1000	O	X	Supt. U. S. Capi- tol Building and Grounds.

## LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Service.	Hours of operation.	Station controlled by—
Washington, D. C. (Army Signal Corps Laboratory).	WUP	.....	O	.....	U. S. Army.
Washington, D. C. (Bureau of Stand- ards).	WUQ	.....	O	.....	U. S. Army.
Wrangell, Alaska.....	WVJ	300, 600	PG	9 a. m. to 9 p. m.	U. S. Army.
Zamboango, Minda- nao Isld., P. I.	WVW	600, 1200	PG	7 a. m. to 7.30 p.m.	Insular Govt., Phil- ippine Islds.

## SPECIAL STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

[Variable wave lengths authorized for experimental purposes are indicated by an asterisk (\*).]

Alameda, Cal.....	6XS	300, 600*	P	X	Hugh R. Sprado.
Ames, Iowa.....	9YI	300*	P	X	Iowa State College of Agriculture and Mechanic Arts.
Amesbury, Mass.....	1XA	300, 600*	P	X	Wireless Specialty Apparatus Co.
Ann Arbor, Mich.....	8XA	450, 600	P	X	University of Michigan.
Atlanta, Ga.....	4XG	300*	P	X	Georgia School of Technology.
Beloit, Wis.....	9XB	(*)	P	X	Beloit College.
Berkeley, Cal.....	6XB	200-3000*	P	X	University of Cali- fornia.
Berkeley, Cal.....	6XR	300, 600*	P	X	Frank Rieber.
Boston, Mass.....	1XB	300, 600*	P	X	Wireless Specialty Apparatus Co.
Boston, Mass.....	1XH	300, 400, 600*	P	X	Holtzer-Cabot Elec- tric Co.
Cambridge, Mass....	1XP	300, 550, 600	P	X	George W. Pierce.
Cambridge, Mass....	1YH	300, 550, 600*	P	X	Harvard Univer- sity.
Charleston, S. C.....	4YC	300, 600	P	X	"The Citadel" (S. C. Military Acad- emy).
Chelsea, Mass.....	1XC	300, 600, 700*	P	X	Wm. J. Murdock Co.
Columbia University, N. Y. City.	2XM	600, 1845, 2220, 2630	P	X	John H. Morecroft.

LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

SPECIAL STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Service.	Hours of operation.	Station controlled by—
Detroit, Mich. . . . .	8YD	300, 400, 600	P	9 a. m. to 3 p. m.; 7 p. m. to 9 p. m.	Wm. J. Meisenheimer.
Friendship Heights, D. C.	3ZF	200, 250	P	X	John V. Purcell.
Gloucester, Mass. . . . .	1XI	.....	.....	.....	John Hays Hammond, jr.
Grand Forks, N. Dak.	9YN	500-730*	P	X	University of North Dakota.
Hyattsville, Md. . . . .	3XR	300, 400, 600*	P	X	J. Harris Rogers.
Kansas City, Mo. <sup>1</sup> . . . .	9XH	(*)	P	X	Harry D. Betz.
Key West, Fla. . . . .	4XA	200, 600	P	X	George W. Almour.
Los Angeles, Cal. . . . .	6XL	300, 485, 510, 600*	P	X	Y. M. C. A.
Los Angeles, Cal. . . . .	6YL	.....	P	X	High School.
Memphis, Tenn. . . . .	5XC	482, 500, 550, 600	P	X	Christian Brothers College.
Memphis, Tenn. . . . .	5ZD	600	P	X	C. B. De La Hunt.
Minneapolis, Minn. . . .	9ZE	200*	P	X	Philip E. Edelman.
New Bedford, Mass. . . .	1ZO	200, 300*	P	X	Lester I. Jenkins.
New York, N. Y. . . . .	2XH	300, 600, 800*	P	X	Walter G. Hudson.
New York, N. Y. . . . .	2XN	300, 600*	P	X	Alfred N. Goldsmith (College of the City of New York).
New York, N. Y. See Columbia University.	2XM				
Nutley, N. J. . . . .	2ZH	200, 300, 450, 600	P	X	Arthur A. Hebert.
Oakland, Cal. . . . .	6XC	300, 550, 600*	P	X	Lewis M. Clement.
Oakland, Cal. . . . .	6YE	300, 500, 600	P	X	Ellery W. Stone.
Oakland, Cal. . . . .	6XT	300, 600, 800*	P	X	Howard H. Tremble.
Philadelphia, Pa. . . . .	3XC	300, 480, 600*	P	X	Frank B. Chambers.
Philadelphia, Pa. . . . .	3XJ	300, 500, 600	P	X	St. Joseph's College.
Pittsfield, Mass. . . . .	1XG	600*	P	X	General Electric Co.

<sup>1</sup> Portable station.

## LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

## SPECIAL STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Wave lengths.	Serv-ice.	Hours of operation.	Station controlled by—
Quarantine, Curtis Bay, Md.	3ZR	300, 600	P	Sunrise to sunset and until 10 p. m.	Thomas L. Richardson.
Riverdale, Md.....	3ZD	.....	.....	.....	Frank A. DeGroot.
San Diego, Cal.....	6YS	300, 500, 600	P	X	Southern Electrical Co.
San Francisco, Cal...	6XA	300, 600*	P	X	Howard G. Aylworth.
San Francisco, Cal...	6XH	600*	P	X	Wm. W. Hanscom.
Savannah, Ga.....	4XL	300, 460, 560, 600*	P	X	Claude A. Lewis and Manning White.
Slingerlands, N. Y...	2XD	200, 400, 500, 900, 2000, 5000	P	X	Burr V. Deitz.
St. Davids, Pa.....	3ZS	300, 450, 600	P	X	Chas. H. Stewart.
St. Louis, Mo.....	9YC	.....	P	.....	Christian Brothers College.
Steamship "Tyler"...	2XT	.....	P	X	D. G. McCaa.
Summit, N. J.....	2XW	600*	P	X	Frank N Waterman.
Takoma Park, Md....	3XB	300, 450, 500, 600, 800, 900, 1100	P	X	Bliss Electrical School.
Valparaiso, Ind.....	9XD	300, 600*	P	X	Dodge's Institute of Telegraphy.
Washington, D. C....	3ZH	.....	P	.....	H. B. DeGroot.
Watchaug Pond, R. I.	1XW	.....	.....	.....	Ralph C. Watrous.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS.

[This list includes stations on merchant vessels, yachts, vessels of the Army, the Navy, and the Revenue-Cutter Service.]

Vessel.	Call signal.	Wave lengths.	Serv-ice.	Owner of vessel (line).	Station controlled by—
Abarenda.....	NOB	600	PG	Government.....	U. S. Navy.
Acushnet.....	NRU	300	PG	.....do.....	U. S. R. C. S.
Adeline Smith....	WHS	.....	.....	Inter-Ocean Transp. Co.	

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave length.	Service.	Owner of vessel (line).	Station controlled by—
Admiral Dewey...	WAY	300, 600	PG	Pacific-Alaska Nav. Co..	Marconi Co.
Admiral Evans...	WAB	300, 600	PG	Alaska-Pacific S. S. Co..	Marconi Co.
Admiral Farragut.	WAF	.....	.....	Pacific-Alaska Nav. Co..	
Admiral Sampson.	WAS	300, 600	PG	Alaska-Pacific S. S. Co..	Marconi Co.
Admiral Schley...	WAZ	300, 600	PG	Pacific-Alaska Nav. Co..	Marconi Co.
Admiral Watson...	WAW	300, 600	PG	Alaska-Pacific S. S. Co..	Marconi Co.
Advance.....	KMV	300, 600	PG	Panama R. R. Co.....	Atlantic Communication Co.
Adventurers.....	KYV	.....	.....	John Borden.....	
A. G. Lindsay....	WNO	.....	.....	Pacific-American Fisheries.	
Ajax.....	NBH	300, 600	PG	Government.....	U. S. Navy.
Alabama.....	WFB	300, 600	PG	Goodrich Transit Co....	Marconi Co.
Alabama.....	KSX	300, 600	PG	Baltimore Steam Packet Co.	Marconi Co.
Alabama.....	NBI	300, 600	PG	Government.....	U. S. Navy.
Alameda.....	WAA	300, 600	PG	Alaska S. S. Co.....	Marconi Co.
Alamo.....	KEJ	300, 600	PG	Mallory S. S. Co.....	Marconi Co.
Alaskan.....	WKA	300, 600	PG	American-Hawaiian S.S. Co.	Atlantic Communication Co.
Albany.....	NBJ	300, 600	PG	Government.....	U. S. Navy.
Albatross.....	NQY	300, 600	PG	...do.....	U. S. Navy.
Alert.....	NBL	300, 600	PG	...do.....	U. S. Navy.
Algonquin.....	KVG	300, 600	PG	Clyde S. S. Co.....	Marconi Co.
Algonquin.....	NRA	300, 600	PG	Government.....	U. S. R. C. S.
Al-Ki.....	WNK	300, 600	PG	H. C. Strong.....	Marconi Co.
Alliança.....	KMA	300, 600	PG	Panama R. R. Co.....	Marconi Co.
Alliance.....	WRV	.....	.....	Cal. & Oreg. Coast S. S. Co.	
Aloha.....	KYH	.....	.....	Arthur Curtiss James....	
Alvina.....	WEY	.....	.....	Thomas F. Cole.....	
America.....	KNZ	.....	.....	Brooklyn & Manhattan Ferry Co.	



## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Serv-ice.	Owner of vessel (line).	Station controlled by—
American.....	WKF	300, 600	PG	American-Hawaiian S.S. Co.	Atlantic Communication Co.
Ammen.....	NBP	300, 600	PG	Government.....	U. S. Navy.
Amphitrite.....	NHG	300, 600	.....	.....do.....	.....
Ancon.....	KMS	300, 600	PG	Panama R. R. Co.....	Atlantic Communication Co.
Androskoggin.....	NRD	300, 600	PG	Government.....	U. S. R. C. S.
Annapolis.....	NBR	300, 600	PG	.....do.....	U. S. Navy.
Ann Arbor No. 3..	WDN	300, 600	PG	Ann Arbor R. R. Co....	Marconi Co.
Ann Arbor No. 4..	WDO	300, 600	PG	.....do.....	Marconi Co.
Ann Arbor No. 5..	WDP	300, 600	PG	.....do.....	Marconi Co.
Antilles.....	KKA	300, 600	PG	Southern Pacific Co....	Marconi Co.
Apache.....	KVA	300, 600	PG	Clyde S. S. Co.....	Marconi Co.
Apache.....	NRP	300, 600	PG	Government.....	U. S. R. C. S.
Arapahoe.....	KVB	300, 600	PG	Clyde S. S. Co.....	Marconi Co.
Arethusa.....	NBU	300, 600	PG	Government.....	U. S. Navy.
Argyll.....	WTB	.....	.....	Union S. S. Co. (Union Oil Co.).	.....
Arizona.....	WFG	300, 600	PG	Goodrich Transit Co....	Marconi Co.
Arizonan.....	WKB	300, 600	PG	American-Hawaiian S.S. Co.	Atlantic Communication Co.
Arkansas.....	NBV	300, 600	PG	Government.....	U. S. Navy.
Aroline.....	WRJ	300, 600	PG	Aroline S. S. Co.....	Marconi Co.
Ashtabula.....	WEZ	300, 600	PG	Pennsylvania & Ontario Nav. Co.	Marconi Co.
Asuncion.....	WTX	.....	.....	Associated Oil Co.....	.....
Atalanta.....	KYA	.....	.....	George J. Gould.....	.....
Atlantic City.....	KMN	.....	.....	Atlantic City Transp. Co.	Marconi Co.
Atlas.....	WTT	300, 600	PG	Standard Oil Co.....	Marconi Co.
Aylwin.....	NIII	300, 600	PG	Government.....	U. S. Navy.
Aztec.....	WWQ	300, 600	PG	Pacific Mail S. S. Co....	Marconi Co.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel (line).	Station controlled by—
Bache.....	NLK	300, 400 600	.....	Government.....	U. S. Dept. of Commerce.
Bailey.....	NCF	300, 600	PG	.....do.....	U. S. Navy.
Bainbridge.....	NIA	300, 600	PG	.....do.....	U. S. Navy.
Balch.....	NII	300, 600	PG	.....do.....	U. S. Navy.
Baltimore.....	NCH	300, 600	PG	.....do.....	U. S. Navy.
Bayamon.....	KDX	.....	.....	A. H. Bull S. S. Co.....	
Bay State.....	KRE	300, 600	PG	Eastern S. S. Corp.....	Marconi Co.
Beale.....	NCL	300, 600	PG	Government.....	U. S. Navy
Bear.....	NRB	300, 600	PG	.....do.....	U. S. R. C. S.
Bear.....	WWD	300, 600	PG	San Francisco & Port- land S. S. Co.	Marconi Co.
Beaver.....	WWB	300, 600	PG	.....do.....	Marconi Co.
Belfast.....	KRD	300, 600	PG	Eastern S. S. Corp.....	Marconi Co.
Beluga.....	WLB	.....	.....	American Deep Sea Ex- ploration Co.	Marconi Co.
Benham.....	NIJ	300, 600	PG	Government.....	U. S. Navy.
Berkshire.....	KQB	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Berlin.....	WRB	.....	.....	Alaska-Portland Pack- ers' Assn.	
Bertha.....	WBR	.....	.....	Alaska Coast Co.....	
Beverly.....	KND	300, 600	.....	Colonial Nav. Co.....	
Birmingham.....	NCN	300, 600	PG	Government.....	U. S. Navy.
Borinquen.....	KDW	300, 600	PG	Ocean Freight Line (Inc.).	Marconi Co.
Boston.....	KXA	300, 450, 500, 550, 600	PG	New England S. S. Co...	Nat. Elec. Sig- naling Co.
Brazos.....	KEZ	300, 600	PG	Mallory S. S. Co.....	Marconi Co.
Breakwater.....	WBK	.....	.....	Southern Pacific Co.....	
Brilliant.....	KTI	300, 600	PG	Standard Oil Co.....	Marconi Co.
Brooklyn.....	NFA	300, 600	PG	Government.....	U. S. Navy.
Brunswick.....	KOS	300, 600	PG	Gulf & Southern S. S. Co.	Marconi Co.
Brutus.....	NNA	300, 600	PG	Government.....	U. S. Navy.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel (line).	Station controlled by—
Buffalo.....	NCU	300, 600	PG	Government.....	U. S. Navy.
Buford.....	WXA	600	PG	.....do.....	U. S. Army.
Bunker Hill.....	KJB			Eastern S. S. Corp.....	
Burnside.....	WXR	600	O	Government.....	U. S. Army.
Burrows.....	NCV	300, 600	PG	.....do.....	U. S. Navy.
Cabrillo.....	WBV	300, 500, 600	PG	Wilmington Transp. Co.	Marconi Co.
Caesar.....	NCY	300, 600	PG	Government.....	U. S. Navy.
California.....	KYQ			Mrs. Clara B. Stocker...	
California.....	NCZ	300, 600	PG	Government.....	U. S. Navy.
Californian.....	WKC	300, 600	PG	American-Hawaiian S.S. Co.	
Calvin Austin....	KRN	300, 600	PG	Eastern S. S. Corp.....	Marconi Co.
Camden.....	KRC	300, 600	PG	.....do.....	Marconi Co.
Camino.....	WQC	300, 600	PG	Western Steam Nav. Co.	Marconi Co.
Cape Cod.....	KPW			George R. West.....	
Captain A. F. Lucas.	WTV	300, 600	PG	Standard Oil Co. of Cal.	Marconi Co.
Captain A. M. Wetherill.	WYT	300	O	Government.....	U. S. Army.
Captain Barrett...	WYP	300	O	.....do.....	U. S. Army.
Captain Chas. W. Rowell.	WYI	300	O	.....do.....	U. S. Army.
Captain James Fornance.	WYM	300	O	.....do.....	U. S. Army.
Caracas.....	KDB	300, 600	PG	Atlantic & Carribean Steam Nav. Co. (Red D Line).	Marconi Co.
Carlos.....	WNC	300, 600	PG	Olson & Mahony S. S. Co.	Marconi Co.
Carolina.....	WFE	300, 600	PG	Goodrich Transit Co....	Marconi Co.
Carolina.....	KGB			New York & Porto Rico S. S. Co.	Marconi Co.
Carolyn.....	KNF			A. H. Bull S. S. Co....	
Cassandra.....	KYE			George J. Whelan.....	

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel (line).	Station controlled by—
Caesin.....	NIK	300, 600	PG	Government.....	U. S. Navy.
Castine.....	NDA	300, 600	PG	Government.....	U. S. Navy.
Catania.....	WTI	.....	.....	Coast Oil Transp. Co....	
Celilo.....	WMF	300, 600	.....	Charles R. McCormick & Co. (Inc.).	Marconi Co.
Celtic.....	NDB	300, 600	PG	Government.....	U. S. Navy.
Centralia.....	WSN	300, 600	PG	Centralia Co.....	Marconi Co.
Chalmette.....	KKC	300, 600	PG	Southern Pacific Co....	Marconi Co.
Charleston.....	NFE	300, 600	PG	Government.....	U. S. Navy.
Chattanooga.....	NGI	300, 600	PG	.....do.....	U. S. Navy.
Cherokee.....	KVK	300, 600	PG	Clyde S. S. Co.....	Marconi Co.
Chester.....	NDG	600	PG	Government.....	U. S. Navy.
Chester W. Chapin	KXQ	300, 450, 500, 550, 600	PG	New England S. S. Co..	Nat. Elec. Sig- naling Co.
Cheyenne.....	NDH	300, 600	PG	Government.....	U. S. Navy.
Chicago.....	WAC	.....	.....	Booth Fisheries Co.....	
Chicago.....	WFI	.....	.....	Goodrich Transit Co....	
Chicago.....	NDI	300, 600	PG	Government.....	U. S. Navy.
China.....	WWA	.....	.....	Pacific Mail S. S. Co....	
Chippewa.....	WBH	.....	.....	Puget Sound Nav. Co...	
Christopher Co- lumbus.	WFJ	300, 600	PG	Goodrich Transit Co....	Marconi Co.
Cincinnati.....	NDL	300, 600	PG	Government.....	U. S. Navy.
City of Alpena II.	WEH	300, 600	PG	Detroit & Cleveland Nav. Co.	Marconi Co.
City of Annapolis.	KSW	300, 600	PG	Chesapeake S. S. Co....	Marconi Co.
City of Atlanta....	KFB	300, 600	PG	Ocean S. S. Co. (Savan- nah Line).	Marconi Co.
City of Augusta...	KFJ	300, 600	PG	.....do.....	Marconi Co.
City of Baltimore.	KRY	300, 600	PG	Mercantile Trust & De- posit Co. (Chesapeake S. S. Co.).	Marconi Co.
City of Bangor....	KRH	.....	.....	Eastern S. S. Corp.....	

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Serv-ice.	Owner of vessel (line).	Station controlled by—
City of Benton Harbor.	WDV	300, 600	PG	Graham & Morton Transp. Co.	Marconi Co.
City of Buffalo....	WFQ	300, 600	PG	Cleveland & Buffalo Transit Co.	Marconi Co.
City of Chicago....	WDT	300, 600	PG	Graham & Morton Transp. Co.	Marconi Co.
City of Cleveland III.	WEA	300, 600	PG	Detroit & Cleveland Nav. Co.	Marconi Co.
City of Columbus..	KFA	300, 600	PG	Ocean S. S. Co. (Savannah Line).	Marconi Co.
City of Detroit II..	WEC	300, 600	PG	Detroit & Cleveland Nav. Co.	Marconi Co.
City of Detroit III.	WEF	300, 600	PG	.....do.....	Marconi Co.
City of Erie.....	WFP	300, 600	PG	Cleveland & Buffalo Transit Co.	Marconi Co.
City of Everett...	KTQ	.....	.....	Standard Oil Co.....	
City of Grand Rapids.	WDS	300, 600	PG	Graham & Morton Transp. Co.	Marconi Co.
City of Lowell....	KXB	300, 450, 500, 550, 600	PG	New England S. S. Co...	Nat. Elec.Sig- naling Co.
City of Mackinac II.	WEB	300, 600	PG	Detroit & Cleveland Nav. Co.	Marconi Co.
City of Macon.....	KFC	300, 600	PG	Ocean S. S. Co. (Savannah Line).	Marconi Co.
City of Memphis..	KFD	300, 600	PG	.....do.....	Marconi Co.
City of Montgome- ry.	KFY	300, 600	PG	.....do.....	Marconi Co.
City of Norfolk....	KRZ	300, 600	PG	Mercantile Trust & De- posit Co. (Chesapeake S. S. Co.).	Marconi Co.
City of Panama...	WWP	.....	.....	Pacific Mail S. S. Co....	
City of Para.....	WWF	300, 600	PG	.....do.....	Marconi Co.
City of Puebla....	WGQ	300, 600	PG	Pacific Coast Co.....	Marconi Co.
City of Richmond.	KSV	300, 600	PG	Mercantile Trust & De- posit Co. (Chesapeake S. S. Co.).	Marconi Co.
City of Rockland..	KRI	300, 600	PG	Eastern S. S. Corp.....	Marconi Co.
City of St. Ignace.	WEG	300, 600	PG	Detroit & Cleveland Nav. Co.	Marconi Co.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave length.	Service.	Owner of vessel (line).	Station controlled by—
City of St. Louis..	KFX	300, 600	PG	Ocean S. S. Co. (Savannah Line).	Marconi Co.
City of Savannah..	KFK	300, 600	PG	.....do.....	Marconi Co.
City of Seattle....	WGA	.....	.....	Pacific Coast Co.....	Marconi Co.
City of South Haven.	WDI	.....	.....	Chicago & South Haven S. S. Co.	
City of Sydney....	WWG	300, 600	PG	Pacific Mail S. S. Co....	Marconi Co.
City of Taunton...	KXL	300, 450, 500, 550, 600	PG	New England S. S. Co..	Nat. Elec. Signaling Co.
City of Topeka....	WGY	300, 600	PG	Pacific Coast Co.....	Marconi Co.
Cleveland.....	NDM	300, 600	PG	Government.....	U. S. Navy.
Coamo.....	KGA	300, 600	PG	New York & Porto Rico S. S. Co.	Marconi Co.
Col. E. L. Drake..	WTS	.....	.....	Standard Oil Co.....	
Col. James M. Schoonmaker.	WEQ	300, 600	PG	Shenango S. S. Co.....	Marconi Co.
Colon.....	KMX	300, 600	PG	Panama R. R. Co.....	Atlantic Communication Co.
Colorado.....	KEA	.....	.....	Mallory S. S. Co.....	
Colorado.....	NDN	300, 600	PG	Government.....	U. S. Navy.
Columbia.....	KRO	.....	.....	Chesapeake S. S. Co....	
Columbia.....	KYM	300, 550	P	J. Harvey Ladew.....	Owner of vessel.
Columbia.....	NGA	300, 600	PG	Government.....	U. S. Navy.
Columbia.....	WPW	.....	.....	Port of Portland.....	
Columbia.....	WHC	300, 600	PG	J. H. Wilson.....	Marconi Co.
Columbian.....	WKS	300, 600	PG	American-Hawaiian S. S. Co.	Atlantic Communication Co.
Comal.....	KEM	300, 600	PG	Mallory S. S. Co.....	Marconi Co.
Comanche.....	KVC	300, 600	PG	Clyde S. S. Co.....	Marconi Co.
Comet.....	KTJ	300, 600	PG	Standard Oil Co.....	Marconi Co.
Commonwealth...	KXC	300, 450, 500, 550, 600	PG	New England S. S. Co..	Nat. Elec. Signaling Co.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave length.	Service.	Owner of vessel (line).	Station controlled by—
Comus.....	KKD	300, 600	PG	Southern Pacific Co.....	Marconi Co.
Concho.....	KEC	300, 600	PG	Mallory S. S. Co.....	Marconi Co.
Concord.....	KNC	300, 450, 500, 550, 600	PG	Colonial Nav. Co.....	Nat. Elec. Sig- naling Co.
Congress.....	WGT	300, 600	PG	Pacific Coast Co.....	Marconi Co.
Connecticut.....	NDQ	300, 600	PG	Government.....	U. S. Navy.
Cordova.....	WAR	300, 600	PG	Alaska S. S. Co.....	Marconi Co.
Coronado.....	WSO			Coronado Co.....	
Corsair.....	KYC			J. P. Morgan estate.....	
Corwin.....	WNN			Kotzebue Transp. & Trading Co.	
Creole.....	KKR	300, 600	PG	Southern Pacific Co.....	Marconi Co.
Cretan.....	KQC	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Cristobal.....	KMD	300, 600	PG	Panama R. R. Co.....	Atlantic Com- munication Co.
Crook.....	WXB	600	PG	Government.....	U. S. Army.
Culgoa.....	NDU	300, 600	PG	.....do.....	U. S. Navy.
Cummings.....	NIL	300, 600	PG	.....do.....	U. S. Navy.
Currier.....	KNU	300, 600	PG	Cuba Distilling Co.....	Marconi Co.
Cushing.....	NIM	300, 600	PG	Government.....	U. S. Navy.
C. W. Morse.....	KMO	300, 600		McAllister Bros.....	Marconi Co.
Cyclops.....	NDY	300, 600	PG	Government.....	U. S. Navy.
Cyprus.....	KYD			Daniel C. Jackling.....	
Dakotan.....	WKD	300, 600	PG	American-Hawaiian S.S. Co.	Marconi Co.
Damara.....	WNM			Edgar F. Luckenbach...	
Decatur.....	NJC	300, 600	PG	Government.....	U. S. Navy.
Delaware.....	NEK	300, 600	PG	.....do.....	U. S. Navy.
Delaware Sun.....	KTW	300, 600	PG	Sun Co.....	Marconi Co.
Delhi.....	WGD			Pacific Coast Co.....	
Denver.....	KED	300, 600	PG	Mallory S. S. Co.....	Marconi Co.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel (line).	Station controlled by—
Denver.....	NEM	300, 600	PG	Government.....	U. S. Navy.
Des Moines.....	NEN	300, 600	PG	.....do.....	U. S. Navy.
Diamond Head.....	WNL	.....	.....	Tyee Co.....	.....
Dirigo.....	WAO	.....	.....	Alaska S. S. Co.....	.....
Dix.....	WXC	600	PG	Government.....	U. S. Army.
Dixie.....	NEP	300, 600	PG	.....do.....	U. S. Navy.
Dolphin.....	WAU	.....	.....	Alaska S. S. Co.....	Marconi Co.
Dolphin.....	NEQ	300, 600	PG	Government.....	U. S. Navy.
Dora.....	WAH	.....	.....	Alaska S. S. Co.....	.....
Dorchester.....	KQD	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Dorothy Bradford.	KNA	300, 600	PG	Cape Cod S. S. Co.. trustees.	Marconi Co.
Downee.....	NIN	300, 600	PG	Government.....	U. S. Navy.
Drayton.....	NET	300, 600	PG	.....do.....	U. S. Navy.
Dubuque.....	NEU	300, 600	.....	.....do.....	.....
Duncan.....	NIR	300, 600	PG	.....do.....	U. S. Navy.
E-1.....	NXS	300, 600	PG	.....do.....	U. S. Navy.
E-2.....	NXT	300, 600	PG	.....do.....	U. S. Navy.
Eagle.....	NFC	300, 600	PG	.....do.....	U. S. Navy.
Eastern States....	WEE	300, 600	PG	Detroit & Cleveland Nav. Co.	Marconi Co.
Eastland.....	WFN	300, 600	PG	St. Joseph-Chicago S. S. Co.	Marconi Co.
Edgar H. Vance... WQE	.....	.....	.....	Nehalem S. S. Co.....	.....
E. G. Crosby..... WEL	.....	.....	.....	Crosby Transp. Co.....	.....
Edith..... WAE	.....	.....	.....	Alaska S. S. Co.....	.....
El Alba..... KKL	300, 600	PG	.....	Southern Pacific Co....	Marconi Co.
Elcano..... NFD	300, 600	PG	.....	Government.....	U. S. Navy.
El Cid..... KKT	300, 600	PG	.....	Southern Pacific Co....	Marconi Co.
El Dia..... KKY	300, 600	PG	.....	.....do.....	Marconi Co.
Elmer A. Keeler.. KVU	.....	.....	.....	Elmer A. Keeler.....	.....



## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel (line).	Station controlled by—
El Mundo.....	KKU	300, 600	PG	Southern Pacific Co.....	Marconi Co.
El Norte.....	KKN	.....	.....	do.....	.....
El Occidente.....	KKX	300, 600	PG	do.....	Marconi Co.
El Oriente.....	KKV	300, 600	PG	do.....	Marconi Co.
El Rio.....	KKZ	300, 600	PG	do.....	Marconi Co.
El Segundo.....	WTQ	.....	.....	Standard Oil Co.....	.....
El Siglo.....	KKS	300, 600	PG	Southern Pacific Co.....	Marconi Co.
El Sol.....	KKB	300, 600	PG	do.....	Marconi Co.
El Sud.....	KKQ	300, 600	PG	do.....	Marconi Co.
El Valle.....	KKW	300, 600	PG	do.....	Marconi Co.
Enterprise.....	WMN	300, 600	PG	Matson Nav. Co.....	Marconi Co.
Eocene.....	KTM	.....	.....	Standard Oil Co.....	Owner of vessel.
Erskine M. Phelps.	WTA	.....	.....	William D. Sewall (Union Oil Co.).	.....
Esperanza.....	KWZ	300, 600	PG	N. Y. & Cuba Mail S. S. Co. (Ward Line).	Marconi Co.
Essex.....	KQE	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Evelyn.....	KNE	.....	.....	A. H. Bull S. S. Co.....	.....
Excelsior.....	KKO	300, 600	PG	Southern Pacific Co.....	Marconi Co.
Explorer.....	NLI	300, 600	O	Government.....	U. S. Dept. of Commerce.
F-1.....	NXU	300, 600	PG	do.....	U. S. Navy.
F-2.....	NXV	300, 600	PG	do.....	U. S. Navy.
F-3.....	NXW	300, 600	PG	do.....	U. S. Navy.
F-4.....	NXX	300, 600	PG	do.....	U. S. Navy.
F. A. Kilburn....	WRW	300, 600	PG	North Pacific S. S. Co..	Marconi Co.
Falcon.....	WRK	300, 600	PG	Charles Nelson Co.....	Marconi Co.
Fanning.....	NFM	300, 600	PG	Government.....	U. S. Navy.
Farragut.....	NVS	300, 600	PG	do.....	U. S. Navy.
Favorite.....	WCF	300, 600	PG	Great Lakes Towing Co.	Marconi Co.
Fifield.....	WRF	300, 600	PG	Fifield S. S. Co.....	Marconi Co.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave length.	Service.	Owner of vessel (line).	Station controlled by—
Finland.....	KSF			International Mercantile Marine Co. (Red Star Line).	Marconi Co.
Florence.....	KYF			Alphonse H. Alker.....	
Florida.....	KSY	300, 600	PG	Baltimore Steam Packet Co.	Marconi Co.
Florida.....	KUS			The Texas Co.....	Marconi Co.
Florida.....	NFR	300, 600	PG	Government.....	U. S. Navy.
Flusser.....	NFS	300, 600	PG	.....do.....	U. S. Navy.
Forward.....	KPF			Yankee Salvage Assn ..	Marconi Co.
Frank H. Buck ..	WTO	300, 600		Associated Oil Co.....	
Frieda.....	KFF	300, 600	PG	Union Sulphur Co.....	Marconi Co.
G-1.....	NXY	300, 600	PG	Government.....	U. S. Navy.
G-2.....	NXZ	300, 600	PG	.....do.....	U. S. Navy.
G-3.....	NYA	300, 600	PG	.....do.....	U. S. Navy.
G-4.....	NYB	300, 600	PG	.....do.....	U. S. Navy.
Galveston.....	NGD	300, 600	PG	.....do.....	U. S. Navy.
General A. M. Randol.	WYJ	300	O	.....do.....	U. S. Army.
General E. O. C. Ord.	WYF	400, 600	O	.....do.....	U. S. Army.
General Harvey Brown.	WYK	300	O	.....do.....	U. S. Army.
General Henry J. Hunt.	WYD	400	O	.....do.....	U. S. Army.
General Henry Knox.	WYE	400	O	.....do.....	U. S. Army.
General Hubbard.	WMT			Hubbard S. S. Co.....	
General R. B. Ayrea.	WYL	300	O	Government.....	U. S. Army.
General Robert Anderson.	WYH	300	O	.....do.....	U. S. Army.
General Royal T. Frank.	WYA	300	O	.....do.....	U. S. Army.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel (line).	Station controlled by—
General S. N. Mills.	WYB	300, 600	O	Government.....	U. S. Army.
Genl. Pettibone...	KUP	300, 600	.....	Guyton & Co.....	Marconi Co.
Geo. W. Elder.....	WRT	.....	.....	North Pacific S. S. Co.	
George W. Fenwick.	WNG	.....	.....	Fenwick S. S. Co. (California & Atlantic S. S. Co.).	
Georgia.....	WFA	.....	.....	Goodrich Transit Co....	
Georgia.....	NGF	300, 600	PG	Government.....	U. S. Navy.
Georgian.....	WKG	300, 600	PG	American-Hawaiian S. S. Co.	Marconi Co.
Glacier.....	NGH	600	PG	Government.....	U. S. Navy.
Glory of the Seas.	WBZ	.....	.....	Glacier Fisheries Co....	
Gloucester.....	KQG	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Gloucester.....	NSL	300, 600	.....	Government.....	
Goldsborough....	NGJ	300, 600	PG	.....do.....	U. S. Navy.
Goliath.....	WPG	.....	.....	Puget Sound Tug Boat Co.	
Governor.....	WGR	300, 600	PG	Pacific Coast Co.....	Marconi Co.
Governor Cobb....	KRB	300, 600	PG	Eastern S. S. Corp.....	Marconi Co.
Governor Dingley.	KRV	300, 600	PG	.....do.....	Marconi Co.
Grace Dollar.....	WSF	300, 600	PG	Grace Dollar S. S. Co...	Marconi Co.
Grayson.....	KDV	.....	.....	Ocean Freight Line (Inc.)	
Grecian.....	KQR	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Greenwood.....	WQG	.....	.....	Greenwood S. S. Co....	
Gresham.....	NRG	300, 600, 750	PG	Government.....	U. S. R. C. S.
Guardian.....	WGZ	300, 600	PG	Central & South American Telegraph Co.	Owner of vessel.
Gulfoil.....	KTG	300, 600	PG	Gulf Refining Co.....	Marconi Co.
H-1.....	NYC	300, 600	PG	Government.....	U. S. Navy.
H-2.....	NYD	300, 600	PG	.....do.....	U. S. Navy.
H-3.....	NYE	300, 600	PG	.....do.....	U. S. Navy.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Serv-ice.	Owner of vessel (line).	Station controlled by—
Hamilton.....	KOA	300, 600	PG	Old Dominion S. S. Co..	Marconi Co.
Hanalei.....	WHN	300, 600	PG	Independent S. S. Co...	Marconi Co.
Hancock.....	NHI	300, 600	PG	Government.....	U. S. Navy.
Hannibal.....	NGU	300, 600	PG	.....do.....	U. S. Navy.
Harvard.....	WRH	300, 600	PG	Metropolitan S. S. Co. (Pacific Steam Nav. Co.).	
Havana.....	KWH	300, 600	PG	N. Y. & Cuba Mail S. S. Co. (Ward Line).	Marconi Co.
Hawaiian.....	WKU	300, 600	PG	American-Hawaiian S. S. Co.	
Hector.....	NGX	300, 600	PG	Government.....	U. S. Navy.
Helena.....	NGY	300, 600	PG	.....do.....	U. S. Navy.
Henley.....	NHA	300, 600	PG	.....do.....	U. S. Navy.
Henry T. Scott...	WRA	.....	.....	California S. S. Co.....	
Herman Frasch...	KFH	300, 600	PG	Union Sulphur Co.....	
Hermosa.....	WBP	.....	.....	Wilmington Transp. Co.	
Hilonian.....	WMM	300, 600	PG	Matson Nav. Co.....	Marconi Co.
Holland.....	WDW	300, 600	PG	Graham & Morton Transp. Co.	Marconi Co.
Honolulu.....	WKH	300, 600	PG	American-Hawaiian S. S. Co.	Marconi Co.
Hopkins.....	NHC	300, 600	PG	Government.....	U. S. Navy.
Howard.....	KQH	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Hull.....	NHE	300, 600	PG	Government.....	U. S. Navy.
Humboldt.....	WHX	.....	.....	Humboldt S. S. Co.....	Marconi Co.
Huron.....	KVH	300, 600	PG	Clyde S. S. Co.....	Marconi Co.
Ryades.....	WMK	.....	.....	Matson Nav. Co.....	
Iaqua.....	WLI	300, 600	PG	John A. McGregor.....	Marconi Co.
I. D. Fletcher.....	KFI	.....	.....	Coast Transit Co.....	
I. J. Merritt.....	KRQ	.....	.....	Merritt & Chapman Der- rick & Wrecking Co.	
Illinois.....	WCZ	300, 600	PG	Northern Michigan Transp. Co.	Marconi Co.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel (line).	Station controlled by—
Illinois.....	KTH	.....	.....	Texas S. S. Co.....	
Illinois.....	NHO	300, 600	PG	Government.....	U. S. Navy.
Independent.....	WPI	.....	.....	Weiding & Independent Fisheries Co.	
Indian.....	KQI	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Indiana.....	WFC	300, 600	PG	Goodrich Transit Co....	Marconi Co.
Indiana.....	NHQ	300, 600	PG	Government.....	U. S. Navy.
Iowa.....	WFD	300, 600	PG	Goodrich Transit Co....	Marconi Co.
Iowa.....	NHT	600	PG	Government.....	U. S. Navy.
Iowan.....	WKJ	300, 600	PG	American-Hawaiian S.S. Co.	Atlantic Communication Co.
Iris.....	NHU	300, 600	PG	Government.....	U. S. Navy.
Iroquois.....	KVF	.....	.....	Clyde S. S. Co.....	
Iroquois.....	WBG	.....	.....	Puget Sound Nav. Co...	
Iroquois.....	NHV	300, 600	PG	Government.....	U. S. Navy.
Isla de Luzon....	NQJ	300, 600	.....	.....do.....	
Isthmian.....	WKI	300, 600	PG	American-Hawaiian S. S. Co.	Atlantic Communication Co.
Itasca.....	NRI	300, 600	PG	Government.....	U. S. R. C. S.
J. A. Chanslor....	WTK	.....	.....	Associated Oil Co.....	
James Duane.....	KIJ	.....	.....	New York City.....	N. Y. City Fire Dept.
Jamestown.....	KOC	300, 600	PG	Old Dominion S. S. Co..	Marconi Co.
Jarvis.....	NIB	300, 600	PG	Government.....	U. S. Navy.
Jason.....	NNB	300, 600	PG	.....do.....	U. S. Navy.
J. B. Stetson.....	WRC	300, 600	PG	Hicks-Hauptman Nav. Co.	Marconi Co.
Jefferson.....	KOD	300, 600	PG	Old Dominion S. S. Co..	Marconi Co.
Jefferson.....	WAJ	300, 600	PG	Alaska S. S. Co.....	Marconi Co.
Jenkins.....	NID	300, 600	PG	Government.....	U. S. Navy.
J. M. Guffey.....	KTF	300, 600	PG	Gulf Refining Co.....	Marconi Co.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave length.	Serv-ice.	Owner of vessel (line).	Station controlled by—
John A. Hooper...	WSJ	300, 600	PG	Sudden & Christenson (Inc.).	Marconi Co.
John D. Archbold.	KTK	300, 600	.....	Standard Oil Co.....	Marconi Co.
Joseph Henry....	WXT	600	O	Government.....	U. S. Army.
Joseph Pulitzer....	WPZ	.....	.....	Port of Portland.....	
Jouett.....	NIE	300, 600	PG	Government.....	U. S. Navy.
Juniata.....	KQJ	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Juniata.....	WCB	300, 600	PG	Erie & Western Transp. Co. (Anchor Line).	Marconi Co.
Jupiter.....	NNC	300, 600	PG	Government.....	U. S. Navy.
Justin.....	NNJ	300, 600	PG	.....do.....	U. S. Navy.
K-1.....	NYF	300, 600	PG	.....do.....	U. S. Navy.
K-2.....	NYG	300, 600	PG	.....do.....	U. S. Navy.
K-3.....	NYH	300, 600	PG	.....do.....	U. S. Navy.
K-4.....	NYI	300, 600	PG	.....do.....	U. S. Navy.
K-5.....	NYJ	300, 600	PG	.....do.....	U. S. Navy.
K-6.....	NYK	300, 600	PG	.....do.....	U. S. Navy.
K-7.....	NYL	300, 600	PG	.....do.....	U. S. Navy.
K-8.....	NYM	300, 600	PG	.....do.....	U. S. Navy.
Kansan.....	WKK	.....	.....	American-Hawaiian S. S. Co.	
Kansas.....	NIO	300, 600	PG	Government.....	U. S. Navy.
Kansas City.....	WWS	.....	.....	San Francisco & Portland S. S. Co.	
Karina.....	KYR	.....	.....	Theodore P. Burgess....	
Kearsarge.....	NIP	300, 600	PG	Government.....	U. S. Navy.
Kentuckian.....	WKE	300, 600	PG	American-Hawaiian S. S. Co.	
Kentucky.....	NIQ	300, 600	PG	Government.....	U. S. Navy.
Kershaw.....	KQK	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Kilpatrick.....	WXD	600	PG	Government.....	U. S. Army.
Kingfisher.....	WPK	.....	.....	New England Fish Co...	

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Serv-ice.	Owner of vessel (line).	Station controlled by—
Kismet.....	KYK	.....	.....	Bob Myers Babcock.....	
Klamath.....	WSX	300, 600	PG	Klamath S. S. Co.....	Marconi Co.
Korea.....	WWK	300, 600	PG	Pacific Mail S. S. Co....	Marconi Co.
Kroonland.....	KSH	.....	.....	International Mercan- tile Marine Co. (Red Star Line).	Marconi Co.
Kukui.....	NLF	300, 600	O	Government.....	U. S. Dept. of Commerce.
Kvichak.....	WNS	.....	.....	Alaska Packers' Assn. . .	
Lakeland.....	WDL	300, 600	PG	Port Huron & Duluth S. S. Co.	Marconi Co.
Lakeport.....	WDJ	.....	.....	do.....	Marconi Co.
Lakewood.....	WDK	.....	.....	do.....	Marconi Co.
Lampasas.....	KEP	300, 600	PG	Mallory S. S. Co.....	Marconi Co.
Lamson.....	NIW	300, 600	PG	Government.....	U. S. Navy.
Lansing.....	WTC	300, 600	PG	Union S. S. Co. (Union Oil Co.).	Marconi Co.
Larimer.....	KTA	300, 600	PG	Gulf Refining Co.....	Marconi Co.
Latouche.....	WAI	.....	.....	Alaska S. S. Co.....	Marconi Co.
Lawrence.....	NIY	300, 600	PG	Government.....	U. S. Navy
Lebanon.....	NIZ	300, 600	PG	do.....	U. S. Navy.
Leelanaw.....	WNI	.....	.....	Leelenaw S. S. Co. (Cali- fornia & Atlantic S. S. Co.).	Marconi Co.
Lenape.....	KVL	300, 600	PG	Clyde S. S. Co.....	Marconi Co.
Leonidas.....	NNH	300, 600	PG	Government.....	U. S. Navy.
Lewis Luckenbach	WNH	.....	.....	Edgar F. Luckenbach (California & Atlantic S. S. Co.).	
Lexington.....	KNB	300, 450, 500, 550, 600.	PG	Colonial Nav. Co.....	Nat. Elec. Sig- naling Co.
Lexington.....	KQL	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Ligonier.....	KTD	.....	.....	Gulf Refining Co.....	
Liscum.....	WXE	600	PG	Government.....	U. S. Army.
Logan.....	WXF	600	PG	do.....	U. S. Army.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel (line).	Station controlled by—
Louise.....	KRL	.....	.....	Tolchester Beach Improvement Co.	
Louisiana.....	NJB	300, 600	PG	Government.....	U. S. Navy.
Lucy Neff.....	KNQ	.....	.....	C. L. Dimon.....	
Lundin powerlife-boat.	KVX	.....	.....	Welin Marine Equipment Co.	
Lurline.....	WML	300, 600	PG	Matson Nav. Co.....	Marconi Co.
Lydonia.....	WDY	.....	.....	W. A. Lydon.....	
Lyra.....	WNF	300, 600	PG	Edgar F. Luckenbach (Luckenbach S. S. Co.).	Marconi Co.
Lysistrata.....	KYL	.....	.....	James G. Bennett.....	
Macdonough.....	NJH	300, 600	PG	Government.....	U. S. Navy.
Machias.....	NQL	300, 600	PG	..... do.....	U. S. Navy.
Mackinaw.....	WHW	.....	.....	Mackinaw Co.....	Marconi Co.
Madison.....	KOG	300, 600	PG	Old Dominion S. S. Co..	Marconi Co.
Maine.....	KME	.....	.....	Charles Clark & Co.....	Marconi Co.
Maine.....	KXD	300, 450, 500, 550, 600	PG	New England S. S. Co..	Nat. Elec. Signaling Co.
Maine.....	NJL	300, 600	PG	Government.....	U. S. Navy.
Major Evan Thomas.	WYO	300	O	..... do.....	U. S. Army.
Major Samuel Ringgold.	WYC	300	O	..... do.....	U. S. Army.
Manchuria.....	WWE	300, 600	PG	Pacific Mail S. S. Co.....	Marconi Co.
Manitou.....	WFW	300, 600	PG	Northern Michigan Transp. Co.	Marconi Co.
Manning.....	NRN	300, 600	PG	Government.....	U. S. R. C. S.
Manoa.....	WMQ	300, 600	PG	Matson Nav. Co.....	Marconi Co.
Maracaibo.....	KDM	300, 600	PG	Atlantic & Caribbean Steam Nav. Co. (Red D Line).	Marconi Co.
Marietta.....	NJQ	300, 600	PG	Government.....	U. S. Navy.
Mariposa.....	WHP	.....	.....	Alaska S. S. Co.....	Marconi Co.
Marquette & Bessemer No. 1.	WEW	300, 600	PG	Marquette & Bessemer Dock & Nav. Co.	Marconi Co.



## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel (line).	Station controlled by—
Marquette & Bessemer No. 2.	WEX	300, 600	PG	Marquette & Bessemer Dock & Nav. Co.	Marconi Co.
Mars.....	NJR	300, 600	PG	Government.....	U. S. Navy.
Marblehead.....	NGK	300, 600	.....	..... do.....	.....
Maryland.....	NJS	300, 600	PG	.....do.....	U. S. Navy.
Mascotte.....	KOW	.....	.....	Peninsular & Occidental S. S. Co.	.....
Massachusetts....	KJM	300, 600	PG	Eastern S. S. Corp.....	.....
Massachusetts....	NJT	300, 600	PG	Government.....	U. S. Navy.
Matsonia.....	WMP	300, 600	PG	Matson Nav. Co.....	Marconi Co.
Maverick.....	WTW	.....	.....	Standard Oil Co.....	.....
Mayflower.....	NJV	300, 600	PG	Government.....	U. S. Navy.
Mayrant.....	NJU	300, 600	PG	.....do.....	U. S. Navy.
McCall.....	NJW	300, 600	PG	.....do.....	U. S. Navy.
McClellan.....	WXH	600	PG	.....do.....	U. S. Army.
McCulloch.....	NRH	300, 600	PG	.....do.....	U. S. R. C. S.
McDougal.....	NIT	300, 600	PG	.....do.....	U. S. Navy.
Meade.....	WXG	600	PG	.....do.....	U. S. Army.
Merrimack.....	KQM	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Merritt.....	WXI	600	PG	Government.....	U. S. Army.
Mexican.....	WKL	300, 600	PG	American-Hawaiian S. S. Co.	Atlantic Communication Co.
Mexico.....	KWX	300, 600	PG	N. Y. & Cuba Mail S. S. Co. (Ward Line).	Marconi Co.
Miami.....	KOZ	.....	.....	Peninsular & Occidental S. S. Co.	.....
Miami.....	NRQ	300, 600, 750	PG	Government.....	U. S. R. C. S.
Michigan.....	NJZ	300, 600	PG	.....do.....	U. S. Navy.
Millinocket.....	KNM	300, 600	PG	A. H. Bull S. S. Co.....	Marconi Co.
Milis.....	KRR	.....	.....	Ogden Mills.....	.....
Milwaukee.....	NFB	300, 600	PG	Government.....	U. S. Navy.
Minneapolis.....	NGB	300, 600	PG	.....do.....	U. S. Navy.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel (line).	Station controlled by—
Minnesota.....	WEK	300, 600	PG	Crosby Transp. Co.....	Marconi Co.
Minnesota.....	WMI	.....	.....	Great Northern S. S. Co.	Marconi Co.
Minnesota.....	NKD	300, 600	PG	Government.....	U. S. Navy.
Minnesotan.....	WKM	300, 600	PG	American-Hawaiian S. S. Co.	Marconi Co.
Missouri.....	WFX	300, 600	PG	Northern Michigan Transp. Co.	Marconi Co.
Missouri.....	NKF	300, 600	PG	Government.....	U. S. Navy.
Missourian.....	WXX	300, 600	PG	American-Hawaiian S.S. Co.	
Mohawk.....	KVM	300, 600	PG	Clyde S. S. Co.....	Marconi Co.
Mohawk.....	KXE	300, 450, 500, 550, 600	PG	New England S. S. Co..	Nat. Elec. Signaling Co.
Mohawk.....	KYU	300	P	Ralph E. Barry.....	Owner of vessel.
Mohawk.....	NVM	300, 600	PG	Government.....	U. S. R. C. S.
Mohegan.....	KXM	300, 450, 500, 550, 600.	PG	New England S. S. Co..	Nat. Elec. Signaling Co.
Momus.....	KKM	300, 600	PG	Southern Pacific Co....	Marconi Co.
Monadnock.....	NHD	300, 600	PG	Government.....	U. S. Navy.
Monaghan.....	NKL	300, 600	PG	.....do.....	U. S. Navy.
Mongolia.....	WWN	300, 600	PG	Pacific Mail S. S. Co....	Marconi Co.
Monocacy.....	NQQ	300, 600	PG	Government.....	U. S. Navy.
Montana.....	NKM	300, 600	PG	.....do.....	U. S. Navy.
Montanan.....	WKN	.....	.....	American-Hawaiian S.S. Co.	
Montauk.....	KNT	.....	.....	Montauk Steamboat Co.	
Monterey.....	KWY	300, 600	PG	N. Y. & Cuba Mail S. S. Co. (Ward Line).	Marconi Co.
Monterey.....	NKN	300, 600	PG	Government.....	U. S. Navy.
Montgomery.....	NKO	300, 600	PG	.....do.....	U. S. Navy.
Morrill.....	NRC	300	PG	.....do.....	U. S. R. C. S.
Morro Castle.....	KWC	300, 600	PG	N. Y. & Cuba Mail S. S. Co. (Ward Line).	Marconi Co.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave length.	Service.	Owner of vessel (line).	Station controlled by—
Multnomah.....	WMA	.....	.....	Multnomah S. S. Co....	
Nacoochee.....	KFP	300, 600	PG	Ocean S. S. Co. (Savannah Line).	Marconi Co.
Nann Smith.....	WBO	300, 600	PG	Inter-Ocean Transp. Co.	Marconi Co.
Nanshan.....	NNK	300, 600	PG	Government.....	U. S. Navy.
Nantucket.....	KQN	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Nashville.....	NKY	300, 600	PG	Government.....	U. S. Navy.
Navajo.....	WNJ	.....	.....	Western Steam Nav. Co. (California & Atlantic S. S. Co.).	
Navajo.....	NKZ	300, 600	PG	Government.....	U. S. Navy.
Navesink.....	WXU	400-800 (600)	O	do.....	U. S. Army.
Nebraska.....	NMA	300, 600	PG	do.....	U. S. Navy.
Nebraskan.....	WKY	300, 600	PG	American-Hawaiian S. S. Co.	Atlantic Communication Co.
Nelson.....	KNL	300, 600	PG	Cuba Distilling Co.....	Marconi Co.
Neptune.....	NMS	300, 600	PG	Government.....	U. S. Navy.
Nereus.....	NNF	300, 600	PG	do.....	U. S. Navy.
Nero.....	NMB	300, 600	PG	do.....	U. S. Navy.
Nevadan.....	WKZ	300, 600	PG	American-Hawaiian S. S. Co.	Atlantic Communication Co.
New Hampshire..	KXF	300, 450, 500, 550, 600	PG	New England S. S. Co....	Nat. Elec. Signaling Co.
New Hampshire..	NME	300, 600	PG	Government.....	U. S. Navy.
New Haven.....	KXN	300, 450, 500, 550, 600.	PG	New England S. S. Co....	Nat. Elec. Signaling Co.
New Jersey.....	KNJ	.....	.....	United N. Y. & Sandy Hook Pilots' Assn.	
New Jersey.....	NMF	300, 600	PG	Government.....	U. S. Navy.
New Orleans.....	NMG	300, 600	PG	do.....	U. S. Navy.
Newport.....	NMH	300, 600	PG	do.....	U. S. Navy.
Newport.....	WWH	300, 600	PG	Pacific Mail S. S. Co....	Marconi Co.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel (line).	Station controlled by—
New York.....	KNK	.....	.....	United N. Y. & Sandy Hook Pilots' Assn.	
New York.....	KSN	.....	.....	International Mercantile Marine Co. (American Line).	
New York.....	NCC	300, 600	PG	Government.....	U. S. Navy.
Niagara.....	KYN	.....	.....	Howard Gould.....	
Nicholson.....	NIU	300, 600	PG	Government.....	U. S. Navy.
Noma.....	KYO	.....	.....	Vincent Astor.....	
Nome City.....	WRN	300, 600	PG	Charles Nelson Co.....	Marconi Co.
North American..	WEN	300, 600	PG	Chicago, Duluth & Georgian Bay S. S. Co.	Marconi Co.
North Carolina....	NMN	300, 600	PG	Government.....	U. S. Navy.
North Dakota.....	NMO	300, 600	PG	.....do.....	U. S. Navy.
Northland.....	WNX	.....	.....	E. J. Dodge Co.....	
North Land.....	WCN	300, 600	PG	Northern S. S. Co.....	Marconi Co.
North Land.....	KJD	300, 600	PG	Eastern S. S. Corp.....	Marconi Co.
North Star.....	KJS	300, 600	PG	.....do.....	Marconi Co.
North Star.....	KYZ	.....	.....	Cornelius Vanderbilt...	
North Star.....	WHR	.....	.....	Alaska Fishermen's Packing Co.	Marconi Co.
Northwestern.....	WAN	300, 600	PG	Alaska S. S. Co.....	Marconi Co.
North Wind.....	KYB	300	P	Charles Martin Clark....	Owner of vessel.
Norwood.....	WSG	300, 600	PG	Sudden & Christenson (Inc.).	Marconi Co.
Nueces.....	KEH	300, 600	PG	Mallory S. S. Co.....	Marconi Co.
Nushagak.....	WNE	.....	.....	Alaska Packers' Assn...	
Nyack.....	WEJ	.....	.....	Crosby Transp. Co.....	
O'Brien.....	NIV	300, 600	PG	Government.....	U. S. Navy.
Octorara.....	WCD	300, 600	PG	Erie & Western Transp. Co. (Anchor Line).	Marconi Co.
Ohio.....	NMW	300, 600	PG	Government.....	U. S. Navy.
Ohioan.....	WKQ	300, 600	PG	American-Hawaiian S.S. Co.	

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengtha.	Serv-ice.	Owner of vessel (line).	Station controlled by—
Old Colony.....	KJO	.....	.....	Eastern S. S. Corp.....	
Oleum.....	WTD	.....	.....	Fillmore Condit (Union Oil Co.).	
Oliver J. Olson...	WNB	300, 600	PG	Steamer California Co...	Marconi Co.
Olivette.....	KOV	300, 600	PG	Peninsular & Occidental S. S. Co.	Marconi Co.
Oneida.....	KYP	300, 550, 600	P	E. C. Benedict.....	Owner of vessel.
Oneonta.....	WPX	.....	.....	Port of Portland.....	
Onondaga.....	NRO	300, 600, 750	PG	Government.....	U. S. R. C. S.
Ontario.....	KQO	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Ontario.....	NTA	300, 600	PG	Government.....	U. S. Navy.
Oregon.....	NMZ	300, 600	PG	.....do.....	U. S. Navy.
Oregonian.....	WKO	300, 600	PG	American-Hawaiian S. S. Co.	
Orion.....	NOC	300, 600	PG	Government.....	U. S. Navy.
Osceola.....	NOA	300, 600	PG	.....do.....	U. S. Navy.
Ossabaw.....	KEO	.....	.....	Atlantic, Gulf & West Indies S. S. Lines.	
Ozark.....	NHH	300, 600	PG	Government.....	U. S. Navy.
Paducah.....	NOG	300, 600	PG	.....do.....	U. S. Navy.
Palos.....	NQS	300, 600	PG	.....do.....	U. S. Navy.
Pamlico.....	NRR	300	PG	.....do.....	U. S. R. C. S.
Pampanga.....	NQT	300, 600	PG	.....do.....	U. S. Navy.
Panama.....	KMH	300, 600	PG	Panama R. R. Co.....	Atlantic Communication Co.
Panaman.....	WKR	300, 600	PG	American-Hawaiian S. S. Co.	
Pan American....	KUT	.....	.....	Texas S. S. Co.....	
Panther.....	NOJ	300, 600	PG	Government.....	U. S. Navy.
Paraguay.....	KTT	.....	.....	Sun Co.....	Marconi Co.
Paraiso.....	WRI	300, 600	PG	Craig Shipbuilding Co..	Marconi Co.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Serv-ice.	Owner of vessel (line).	Station controlled by—
Parker.....	NIX	300, 600	PG	Government.....	U. S. Navy.
Parthian.....	KQP	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Patapasco.....	NOL	600	PG	Government.....	U. S. Navy.
Pathfinder.....	NLJ			.....do.....	U. S. Dept. of Commerce.
Patterson.....	NLH	300, 600	O	.....do.....	U. S. Dept. of Commerce.
Patterson.....	NOK	300, 600	PG	.....do.....	U. S. Navy.
Patuxent.....	NOM	300, 600	PG	.....do.....	U. S. Navy.
Paulding.....	NON	300, 600	PG	.....do.....	U. S. Navy.
Paul Jones.....	NOP	300, 600	PG	.....do.....	U. S. Navy.
Pennsylvania....	WWI	300, 600	PG	Pacific Mail S. S. Co....	Marconi Co.
Pennsylvanian...	WKP	300, 600	PG	American-Hawaiian S. S. Co.	
Peoria.....	NOW	300, 600	PG	Government.....	U. S. Navy.
Pequonnock.....	KXP	300, 450, 500, 550, 600.	PG	New England S. S. Co..	Nat. Elec. Sig- naling Co.
Pere Marquette...	WDA	300, 600	PG	Pere Marquette R. R. Co	Marconi Co.
Pere Marquette 17	WDC	300, 600	PG	.....do.....	Marconi Co.
Pere Marquette 18	WDD	300, 600	PG	.....do.....	Marconi Co.
Pere Marquette 19	WDB	300, 345, 600.	PG	.....do.....	Marconi Co.
Pere Marquette 20	WDE	300, 375, 600.	PG	.....do.....	Marconi Co.
Perfection.....	KTN			Standard Oil Co.....	
Perkins.....	NOX	300, 600	PG	Government.....	U. S. Navy.
Perry.....	NOY	300, 600	PG	.....do.....	U. S. Navy.
Persian.....	KQX	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Peru.....	WWJ	300, 600	PG	Pacific Mail S. S. Co....	Marconi Co.
Petrel.....	NOZ	300, 600	PG	Government.....	U. S. Navy.
Philadelphia.....	KDA	300, 600	PG	Atlantic & Caribbean Steam Nav. Co. (Red D Line).	Marconi Co.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengtha.	Serv-ice.	Owner of vessel (line).	Station controlled by—
Philadelphia.....	KSM	300, 600	PG	International Mercantile Marine Co. (American Line).	Marconi Co.
Pilgrim .....	KXG	300, 450, 500, 550, 600.	PG	New England S. S. Co..	Nat. Elec. Sig- naling Co.
Pilot Boy.....	KPL	300, 600	.....	Texas & Gulf S. S. Co..	Marconi Co.
Pioneer.....	WPN	.....	.....	Puget Sound Tug Boat Co.	
Pittsburgh.....	NOT	300, 600	PG	Government.....	U. S. Navy.
Pleiades.....	WNP	300, 600	PG	Edgar F. Luckenbach..	Marconi Co.
Plymouth.....	KXH	300, 450, 500, 550, 600.	PG	New England S. S. Co...	Nat. Elec. Sig- naling Co.
Pompey.....	NQF	300, 600	PG	Government.....	U. S. Navy.
Ponce.....	KGP	300, 600	PG	New York & Porto Rico S. S. Co.	Marconi Co.
Portland.....	WNV	300, 600	PG	Nyno Line.....	Marconi Co.
Potomac.....	NQK	300, 600	PG	Government.....	U. S. Navy.
Powhatan.....	KQY	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Prairie.....	NQM	300, 600	PG	Government.....	U. S. Navy.
Preble.....	NQN	300, 600	PG	.....do.....	U. S. Navy.
President.....	WGP	300, 600	PG	Pacific Coast Co.....	Marconi Co.
Preston.....	NQO	300, 600	PG	Government.....	U. S. Navy.
Princess Anne...	KOB	300, 600	PG	Old Dominion S. S. Co..	Marconi Co.
Princeton.....	NQP	300, 600	PG	Government.....	U. S. Navy.
Priscilla.....	KXI	300, 450, 500, 550, 600.	PG	New England S. S. Co...	Nat. Elec. Sig- naling Co.
Prometheus.....	NQR	300, 600	PG	Government.....	U. S. Navy.
Proteus.....	KKP	300, 600	PG	Southern Pacific Co.....	Marconi Co.
Proteus.....	NNG	300, 600	PG	Government.....	U. S. Navy.
Providence.....	KXJ	300, 450 500, 550 600	PG	New England S. S. Co...	Nat. Elec. Sig- naling Co.
P. R. R. Barge 707.	KPR	.....	.....	Pennsylvania R. R. Co..	

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave length.	Service.	Owner of vessel (line).	Station controlled by—
Puritan.....	WDU	300, 600	PG	Graham & Morton Transp. Co.	Marconi Co.
Puritan.....	KXX	300, 450 500, 550 600	PG	New England S. S. Co...	Nat. Elec. Signaling Co.
Quantico.....	KQQ	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Queen.....	WGX	300, 600	PG	Pacific Coast S. S. Co...	Marconi Co.
Radiant.....	KTR	300, 600	PG	Standard Oil Co.....	Marconi Co.
Rainbow.....	NTD	300, 600	PG	Government.....	U. S. Navy.
Raleigh.....	NTE	300, 600	PG	.....do.....	U. S. Navy.
Ranger.....	NFU	300, 600	PG	.....do.....	U. S. Navy.
Ransom B. Fuller.	KRF	300, 600	PG	Eastern S. S. Corp.....	Marconi Co.
Rayo.....	KTL	.....	.....	Standard Oil Co.....	.....
Redondo.....	WBM	300, 600	PG	Inter-Ocean Transp. Co.	Marconi Co.
Reid.....	NTU	300, 600	PG	Government.....	U. S. Navy.
Relay.....	KVZ	300, 600	PR	Mexican Telegraph Co..	Owner of vessel.
Relief.....	KRJ	.....	.....	Merritt & Chapman Derrick & Wrecking Co.	.....
Relief Lightship 66 or 85.	NLD	300, 600	O	Government.....	U. S. Navy.
Relief Lightship 71 or 72.	NLE	300, 600	O	.....do.....	U. S. Navy.
Relief Lightship 94 or 53.	NLG	300, 600	O	.....do.....	U. S. Navy.
Reno.....	WYN	300	O	.....do.....	U. S. Army.
Rescue.....	KRP	.....	.....	Merritt & Chapman Derrick & Wrecking Co.	.....
Reuce.....	WSR	.....	.....	Columbia River Packers' Assn.	.....
Rhode Island....	NTX	300, 600	PG	Government.....	U. S. Navy.
Richard Peck....	KXR	300, 450, 500, 550, 600	PG	New England S. S. Co...	Nat. Elec. Signaling Co.
Richmond.....	WTR	300, 600	PG	Standard Oil Co.....	Marconi Co.
Rio Grande.....	KEG	300, 600	PG	Mallory S. S. Co.....	Marconi Co.
Riverside.....	WRM	.....	.....	Charles Nelson Co.....	.....



## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel (line).	Station controlled by—
Roanoke.....	WRR	300, 600	PG	North Pacific S. S. Co...	Marconi Co.
Rochelle.....	WNR	.....	.....	Pacific S. S. Co.....	
Roe.....	NTZ	300, 600	PG	Government.....	U. S. Navy.
Roma.....	WTE	.....	.....	Union S. S. Co. (Union Oil Co.)	
Rose City.....	WWR	300, 600	PG	San Francisco & Portland S. S. Co.	Marconi Co.
Sabine.....	KEB	300, 600	PG	Mallory S. S. Co.....	Marconi Co.
Sacramento.....	NQV	300, 600	PG	Government.....	U. S. Navy.
Salem.....	NTP	300, 600	PG	Government.....	U. S. Navy.
Samson.....	WOS	.....	.....	Columbia Construction Co.	Marconi Co.
San Francisco...	NTQ	300, 600	PG	Government.....	U. S. Navy.
San Jacinto.....	KES	300, 600	PG	Mallory S. S. Co.....	Marconi Co.
San Jose.....	WWL	300, 600	PG	Pacific Mail S. S. Co....	Marconi Co.
San Juan.....	KGJ	300, 600	PG	New York & Porto Rico S. S. Co.	Marconi Co.
San Juan.....	WWM	300, 600	PG	Pacific Mail S. S. Co....	Marconi Co.
San Marcos.....	KEK	300, 600	PG	Mallory S. S. Co.....	Marconi Co.
San Ramon.....	WNW	300, 600	PG	E. J. Dodge Co.....	Marconi Co.
Santa Ana.....	WAL	.....	.....	Alaska S. S. Co.....	
Santa Catalina...	WBC	.....	.....	Atlantic & Pacific S. S. Co. (Grace Line).	Marconi Co.
Santa Cecilia....	WBB	.....	.....	do.....	Marconi Co.
Santa Clara.....	WBA	300, 600	PG	do.....	Marconi Co.
Santa Clara.....	WRS	300, 600	PG	North Pacific S. S. Co..	Marconi Co.
Santa Cruz.....	WPA	.....	.....	Puget Sound Salvage Co.	
Santa Cruz.....	WBD	.....	.....	Atlantic & Pacific S. S. Co. (Grace Line).	
Santa Maria.....	WTF	300, 600	PG	United S. S. Co. (Union Oil Co.).	Marconi Co.
Santa Rita.....	WTG	.....	.....	do.....	
Santa Rosa.....	WGN	.....	.....	Pacific Coast Co.....	
Saratoga.....	KWS	300, 600	PG	N. Y. & Cuba Mail S. S. Co. (Ward Line).	Marconi Co.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave length.	Service.	Owner of vessel (line).	Station controlled by—
Saratoga.....	NTR	300, 600	PG	Government.....	U. S. Navy.
Satellite.....	KPS	300, 600	.....	Alfred S. Sorensen & Sons.	
Satilla.....	KEN	.....	.....	Atlantic, Gulf & West Indies S. S. Lines.	
Saturn.....	NNM	300, 600	PG	Government.....	U. S. Navy.
Savage.....	KRS	.....	.....	Consolidation Coal Co....	
Sayonara.....	KYJ	.....	.....	A. J. Drexel.....	Owner of vessel.
Scorpion.....	NTT	300, 600	PG	Government.....	U. S. Navy.
Sea Otter.....	KYS	.....	.....	Hugh L. Willoughby....	
Seeandbee.....	WFS	300, 600	PG	Cleveland & Buffalo Transit Co.	Marconi Co.
Seguranca.....	KWG	300, 600	PG	N. Y. & Cuba Mail S. S. Co. (Ward Line).	Marconi Co.
Seminole.....	KVJ	300, 600	PG	Clyde S. S. Co.....	Marconi Co.
Seminole.....	NRS	300, 600	PG	Government.....	U. S. R. C. S.
Senator.....	WGS	.....	.....	Pacific Coast Co.....	Marconi Co.
Senator Bailey....	KGS	300, 600	PG	Steele Towing & Wrecking Co.	Marconi Co.
Seneca.....	NRE	300, 600, 750	PG	Government.....	U. S. R. C. S.
Seward.....	WAV	.....	.....	Alaska S. S. Co.....	
Sheboygan.....	WFL	.....	.....	Goodrich Transit Co....	Marconi Co.
Shenango.....	KTC	300, 600	PG	Gulf Refining Co.....	Marconi Co.
Shenango.....	WET	300, 600	PG	Shenango S. S. Co.....	Marconi Co.
Sheridan.....	WXJ	600	PG	Government.....	U. S. Army.
Sherman.....	W XK	600	PG	.....do.....	U. S. Army.
Shinnecock.....	KNS	.....	.....	Montauk S. S. Co.....	
Sialia.....	WFY	.....	.....	J. K. Stewart.....	
Siberia.....	WWU	300, 600	PG	Pacific Mail S. S. Co....	Marconi Co.
Sierra.....	WHJ	300, 600	PG	Oceanic S. S. Co.....	Marconi Co.
Smith.....	NSQ	300, 600	PG	Government.....	U. S. Navy.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel (line).	Station controlled by—
Snohomish.....	NRF	300	PG	Government.....	U. S. R. C. S.
Socony.....	KTX	.....	.....	Standard Oil Co.....	.....
Solace.....	NST	300, 600	PG	Government.....	U. S. Navy.
Somerset.....	KQS	300, 600	PG	State Street Trust Co. (Merchants & Miners Transp. Co.).	Marconi Co.
Sonoma.....	WHM	300, 600	PG	Oceanic S. S. Co.....	Marconi Co.
Sonoma.....	NTG	300, 600	PG	Government.....	U. S. Navy.
Sotoyomo.....	NUX	300, 600	PG	.....do.....	U. S. Navy.
South American..	WEO	300, 600	PG	Chicago, Duluth & Georgian Bay S. S. Co.	Marconi Co.
South American..	KVW	300, 600	PG	The Texas Co.....	Marconi Co.
South Carolina....	NSW	300, 600	PG	Government.....	U. S. Navy.
South Dakota.....	NSX	300, 600	PG	.....do.....	U. S. Navy.
Speedwell.....	WQS	300, 600	PG	A. F. Estabrook (Sou. Oreg. Transp. Co.).	Marconi Co.
Spokane.....	WGE	.....	.....	Pacific Coast Co.....	Marconi Co.
S. O. Co. No. 91..	WTU	.....	.....	Standard Oil Co.....	.....
S. O. Co. No. 92..	KTY	.....	.....	.....do.....	.....
S. O. Co. No. 93..	WTY	.....	.....	.....do.....	.....
S. O. Co. No. 94..	KTP	.....	.....	.....do.....	.....
S. O. Co. No. 95..	WTZ	.....	.....	.....do.....	.....
St. Frances.....	WHH	.....	.....	Libby, McNeill & Libby	.....
St. Helens.....	WNY	.....	.....	E. J. Dodge Co.....	Marconi Co.
St. Louis.....	KSL	.....	.....	International Mercantile Marine Co. (American Line).	.....
St. Louis.....	NTF	300, 600	PG	Government.....	U. S. Navy.
St. Nicholas.....	WSS	.....	.....	Columbia River Packers' Assn.	.....
St. Paul.....	KSO	.....	.....	International Mercantile Marine Co. (American Line).	.....
Stanley Dollar....	WSD	.....	.....	Dollar S. S. Line.....	.....
Starr.....	WPS	.....	.....	San Juan Fishing & Packing Co.	.....

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Serv-ice.	Owner of vessel (line).	Station controlled by—
State of Ohio.....	WFR	300, 600	PG	Cleveland & Buffalo Transp. Co.	Marconi Co.
Sterrett.....	NTB	300, 600	PG	Government.....	U. S. Navy.
Stewart.....	NTC	300, 600	PG	.....do.....	U. S. Navy.
Stranger.....	NSR	300, 600	.....	.....do.....	
Sumner.....	WXL	600	PG	.....do.....	U. S. Army.
Sun.....	KTU	300, 600	PG	Sun Co.....	Marconi Co.
Supply.....	NTK	300, 600	PG	Government.....	U. S. Navy.
Suwannee.....	KQZ	300, 600	PG	State Street Trust Co. (Merchants & Miners Transp. Co.).	Marconi Co.
Sylph.....	NTL	300, 600	PG	Government.....	U. S. Navy.
Tacoma.....	NUA	300, 600	PG	.....do.....	U. S. Navy.
Tahoma.....	NRK	300, 600	PG	.....do.....	U. S. R. C. S.
Tallahassee.....	NUC	300, 600	PG	.....do.....	U. S. Navy.
Tarragon.....	NZZ	200, 300, 450, 600.	O	.....do.....	U. S. Dept. of Commerce.
Tasco.....	KFT	300, 400, 480, 600.	P	T. A. Scott Co. (Inc.)...	Owner of vessel.
Tatoosh.....	WPE	.....	.....	Puget Sound Tug Boat Co.	
Tennessee.....	NUG	300, 600	PG	Government.....	U. S. Navy.
Terry.....	NUI	300, 600	PG	.....do.....	U. S. Navy.
Texan.....	WKT	300, 600	PG	American-Hawaiian S.S. Co.	
Texas.....	NCD	300, 600	PG	Government.....	U. S. Navy.
The Harvester....	WCR	300, 600	.....	Wisconsin Steel Co.....	Marconi Co.
Theodore Roosevelt.	WCT	300, 600	PG	Indiana Transp. Co.....	Marconi.
Thetis.....	NRT	300, 600	PG	Government.....	U. S. R. C. S.
Thomas.....	WXM	600	PG	.....do.....	U. S. Army.
Tionesta.....	WCA	300, 600	PG	Erie & Western Transp. Co. (Anchor Line).	Marconi Co.
Toledo.....	KTV	.....	.....	Sun Co.....	
Tonopah.....	NUN	300, 600	PG	Government.....	U. S. Navy.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel (line).	Station controlled by—
Topila.....	KKE	300, 600	PG	Southern Pacific Co.....	Marconi Co.
Trippe.....	NUQ	300, 600	PG	Government.....	U. S. Navy.
Truxton.....	NUS	300, 600	PG	.....do.....	U. S. Navy.
Tuscan.....	KQT	300, 600	PG	Merchants & Miners Transp. Co.	Marconi Co.
Tuscarora.....	NRL	300, 600	PG	Government.....	U. S. R. C. S.
Tyee.....	WPC	.....	.....	Puget Sound Tug Boat Co.	
Tyee Junior.....	WPB	.....	.....	Tyee Co.....	
Umatilla.....	WGU	300, 600	PG	Pacific Coast Co.....	Marconi Co.
Unalga.....	NRX	300, 600, 800.	PG	Government.....	U. S. R. C. S.
Uncas.....	NVF	300, 600	PG	.....do.....	U. S. Navy.
United States.....	WIT	.....	.....	Indiana Transp. Co.....	
Utah.....	NVE	300, 600	PG	Government.....	U. S. Navy.
Vanadis.....	KYT	.....	.....	C. K. G. Billings.....	
Venetia.....	WOV	.....	.....	J. D. Spreckels.....	
Ventura.....	WHL	300, 600	PG	Oceanic S. S. Co.....	Marconi Co.
Vermont.....	NVK	300, 600	PG	Government.....	U. S. Navy.
Vesta.....	KTS	.....	.....	Standard Oil Co.....	
Vestal.....	NMC	300, 600	PG	Government.....	U. S. Navy.
Vesuvius.....	NVM	300, 600	PG	.....do.....	U. S. Navy.
Vicksburg.....	NVN	300, 600	PG	.....do.....	U. S. Navy.
Victoria.....	WAD	.....	.....	Alaska S. S. Co.....	Marconi Co.
Vigilancia.....	KWV	300, 600	PG	N. Y. & Cuba Mail S. S. Co. (Ward Line).	Marconi Co.
Villalobos.....	NVP	300, 600	PG	Government.....	U. S. Navy.
Virginia.....	KSZ	300, 600	PG	Baltimore Steam Packet Co.	Marconi Co.
Virginia.....	WFH	300, 600	PG	Goodrich Transit Co....	Marconi Co.
Virginia.....	NVR	300, 600	PG	Government.....	U. S. Navy.
Virginian.....	WKV	300, 600	PG	American-Hawaiian S. S. Co.	Atlantic Communication Co.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel (line).	Station controlled by—
Vixen.....	NSU	300, 600	.....	Government.....	
Vulcan.....	NVT	300, 600	PG	.....do.....	U. S. Navy.
Wakiva.....	WLA			E. L. Doheny.....	
Wakiva.....	KYI			Lamon V. Harkness....	
Walke.....	NWL	300, 600	PG	Government.....	U. S. Navy.
Wallula.....	WPY			Port of Portland.....	
Wana.....	KYX	300, 600	P	George C. Sherman.....	Marconi Co.
Warren.....	WXN	600	PG	Government.....	U. S. Army.
Warrington.....	NWD	300, 600	PG	.....do.....	U. S. Navy.
Warrior.....	KYW			F. W. Vanderbilt.....	
Washington.....	NWE	300, 600	PG	Government.....	U. S. Navy.
Washingtonian....	WKW	300, 600	PG	American-Hawaiian S.S. Co.	
Washtenaw.....	WTH	300, 600	PG	Union S. S. Co. (Union Oil Co.).	Marconi Co.
Wasp.....	NSV	300, 600	PG	Government.....	U. S. Navy.
W. B. Flint.....	WHG			Libby, McNeill & Libby.	
W. B. Keene.....	KWK	300, 600	.....	Hilton Dodge Transp. Co.	Marconi Co.
West Virginia.....	NWG	300, 600	PG	Government.....	U. S. Navy.
Western States....	WED	300, 600	PG	Detroit & Cleveland Nav. Co.	Marconi Co.
Wheeling.....	NWH	300, 600	PG	Government.....	U. S. Navy.
Whipple.....	NWI	300, 600	PG	.....do.....	U. S. Navy.
Whittier.....	WHT	300, 600	PG	Max Dyer (Union Oil Co.).	Marconi Co.
Wild Duck.....	KYG			Paul E. De Fere.....	Marconi Co.
Wilhelmina.....	WMO	300, 600	PG	Matson Nav. Co.....	Marconi Co.
Willamette.....	WSW			Willamette S. S. Co....	
William Chatham..	WMC	300, 600	PG	William Chatham Co. (Inc.).	Marconi Co.
Wm. F. Herrin....	WTN	300, 600	PG	Associated Oil Co.....	Marconi Co.
William P. Snyder	WER	300, 600	PG	Shenango S. S. Co.....	Marconi Co.
William P. Snyder, Jr.	WES	300, 600	PG	.....do.....	Marconi Co.

## SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Continued.

Vessel.	Call signal.	Wave length.	Serv. loc.	Owner of vessel (line).	Station controlled by—
Wilmington.....	NWK	300, 600	PG	Government.....	U. S. Navy.
Wilpen.....	WEU	.....	.....	Shenango S. S. Co.....	
Windber.....	WND	.....	.....	Pacific-American Fisheries.	
Windom.....	NRW	300, 600	PG	Government.....	U. S. R. C. S.
Winifred.....	KTE	300, 600	PG	Gulf Refining Co.....	Marconi Co.
Winona.....	NRV	300, 600	PG	Government.....	U. S. R. C. S.
Winalow.....	NJA	300, 600	PG	.....do.....	U. S. Navy.
Wisconsin.....	NWM	300, 600	PG	.....do.....	U. S. Navy.
Woodbury.....	NRJ	300, 600	PG	.....do.....	U. S. R. C. S.
Worden.....	NWP	300, 600	PG	.....do.....	U. S. Navy.
W. S. Porter.....	WTM	.....	.....	Associated Oil Co.....	
Wyandotte.....	KNW	.....	.....	Montauk S. S. Co.....	
Wyoming.....	NWQ	600	PG	Government.....	U. S. Navy.
Yaguez.....	KDY	300, 600	PG	Ocean Freight Line (Inc.).	Marconi Co.
Yale.....	WRY	300, 600	PG	Metropolitan S. S. Co. (Pacific Steam Nav. Co.).	
Yamacraw.....	NRV	300, 600	PG	Government.....	U. S. R. C. S.
Yankton.....	NSK	300, 600	PG	.....do.....	U. S. Navy.
Yorktown.....	NQX	300, 600	PG	Government.....	U. S. Navy.
Yosemite.....	WQY	300, 600	PG	Yosemite S. S. Co.....	Marconi Co.
Yucatan.....	WMY	300, 600	PG	North Pacific S. S. Co..	Marconi Co.
Zapora.....	WPQ	.....	.....	International Fisheries Co.	
Zealandia.....	KNR	.....	.....	C. L. Dimon.....	
Zulia.....	KDZ	300, 600	PG	Atlantic & Caribbean Steam Nav. Co. (Red D Line).	Marconi Co.

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY  
BY CALL SIGNALS.

[This list includes all call signals which have been assigned to United States radio stations, except amateur and certain "special" stations. b=ship station; c=land station.]

Call signal.	Station.	Call signal.	Station.
KDA	Philadelphia..... b	KEL	.....
KDB	Caracas..... b	KEM	Comal..... b
KDC	Douglas, Ariz..... c	KEN	Satilla..... b
KDD	.....	KEO	Oesabaw..... b
KDE	.....	KEP	Lampasas..... b
KDF	.....	KEQ	.....
KDG	.....	KER	.....
KDH	.....	KES	San Jacinto..... b
KDI	.....	KET	Bolinas, Cal..... c
KDJ	.....	KEU	.....
KDK	.....	KEV	.....
KDL	.....	KEW	.....
KDM	Maracaibo..... b	KEX	Los Angeles, Cal..... c
KDN	San Luis Obispo, Cal..... c	KEY	.....
KDO	.....	KEZ	Brazos..... b
KDP	.....	KFA	City of Columbus..... b
KDQ	.....	KFB	City of Atlanta..... b
KDR	.....	KFC	City of Macon..... b
KDS	.....	KFD	City of Memphis..... b
KDT	.....	KFE	.....
KDU	Juneau, Alaska..... c	KFF	Frieda..... b
KDV	Grayson..... b	KFG	.....
KDW	Borinquen..... b	KFH	Herman Frasch..... b
KDX	Bayamon..... b	KFI	I. D. Fletcher..... b
KDY	Yaguez..... b	KFJ	City of Augusta..... b
KDZ	Zulia..... b	KFK	City of Savannah..... b
KEA	Colorado..... b	KFL	.....
KEB	Sabine..... b	KFM	.....
KEC	Concho..... b	KFN	.....
KED	Denver..... b	KFO	.....
KEE	.....	KFP	Nacoochee..... b
KEF	.....	KFQ	.....
KEG	Rio Grande..... b	KFR	.....
KEH	Nueces..... b	KFS	San Francisco, Cal..... c
KEI	.....	KFT	Tasco..... b
KEJ	Alamo..... b	KFU	.....
KEK	San Marcos..... b	KFV	.....



## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
KFW	.....	KHH	.....
KFX	City of St. Louis..... b	KHI	.....
KFY	City of Montgomery..... b	KHJ	Koko Head, Hawaii..... c
KFZ	.....	KHK	Kahuku, Hawaii..... c
KGA	Coamo..... b	KHL	Lahaina, Hawaii..... c
KGB	Carolina..... b	KHM	Lihue, Hawaii..... c
KGC	.....	KHN	Kawaihae, Hawaii..... c
KGD	.....	KHO	Kaunakakai, Hawaii..... c
KGE	.....	KHP	.....
KGF	.....	KHQ	Phoenix, Ariz..... c
KGG	.....	KHR	.....
KGH	Hollister, Cal..... c	KHS	.....
KGI	.....	KHT	Naknek, Alaska..... c
KGJ	San Juan..... b	KHU	.....
KGK	.....	KHV	.....
KGL	.....	KHW	.....
KGM	.....	KHX	Heeia Point, Hawaii..... c
KGN	.....	KHY	.....
KGO	.....	KHZ	.....
KGP	Ponce..... b	KIA	.....
KGQ	.....	KIB	.....
KGR	.....	KIC	.....
KGS	Senator Bailey..... b	KID	.....
KGT	.....	KIE	Koko Head, Hawaii..... c
KGU	.....	KIF	.....
KGV	.....	KIG	.....
KGW	.....	KIH	.....
KGX	.....	KII	.....
KGY	.....	KIJ	James Duane..... b
KGZ	.....	KIK	.....
KHA	Karluk, Alaska..... c	KIL	.....
KHB	Kogiung, Alaska..... c	KIM	.....
KHC	Chignik, Alaska..... c	KIN	.....
KHD	.....	KIO	.....
KHE	.....	KIP	.....
KHF	Nushagak, Alaska..... c	KIQ	.....
KHG	Clarks Point, Alaska..... c		

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
KIR	.....	KJZ	.....
KIS	Ellamar, Alaska..... c	KKA	Antilles..... b
KIT	.....	KKB	El Sol..... b
KIU	.....	KKC	Chalmette..... b
KIV	.....	KKD	Comus..... b
KIW	.....	KKE	Topila..... b
KIX	.....	KKF	.....
KIY	.....	KKG	.....
KIZ	.....	KKH	.....
KJA	Jualin, Alaska..... c	KKI	.....
KJB	Bunker Hill..... b	KKJ	.....
KJC	.....	KKK	.....
KJD	North Land..... b	KKL	El Alba..... b
KJE	.....	KKM	Momus..... b
KJF	.....	KKN	El Norte..... b
KJG	.....	KKO	Excelsior..... b
KJH	.....	KKP	Proteus..... b
KJI	.....	KKQ	El Sud..... b
KJJ	.....	KKR	Creole..... b
KJK	.....	KKS	El Siglo..... b
KJL	.....	KKT	El Cid..... b
KJM	Massachusetts..... b	KKU	El Mundo..... b
KJN	.....	KKV	El Oriente..... b
KJO	Old Colony..... b	KKW	El Valle..... b
KJP	.....	KKX	El Occidente..... b
KJQ	.....	KKY	El Dia..... b
KJR	.....	KKZ	El Rio..... b
KJS	North Star..... b	KLA	.....
KJT	.....	KLB	.....
KJU	.....	KLC	.....
KJV	.....	KLD	.....
KJW	.....	KLE	.....
KJX	.....	KLF	.....
KJY	.....	KLG	.....
		KLH	.....
		KLI	.....
		KLJ	.....
		KLK	.....
		KLL	.....
		KLM	.....

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
KLN	.....	KMW	.....
KLO	.....	KMX	Colon.....b
KLP	.....	KMY	.....
KLQ	.....	KMZ	.....
KLR	.....	KNA	Dorothy Bradford.....b
KLS	Los Angeles, Cal.....c	KNB	Lexington.....b
KLT	.....	KNC	Concord.....b
KLU	.....	KND	Beverly.....b
KLV	.....	KNE	Evelyn.....b
KLW	.....	KNF	Carolyn.....b
KLX	.....	KNG	.....
KLY	.....	KNH	.....
KLZ	.....	KNI	.....
KMA	Alliança.....b	KNJ	New Jersey.....b
KMB	.....	KNK	New York.....b
KMC	.....	KNL	Nelson.....b
KMD	Cristobal.....b	KNM	Millinocket.....b
KME	Maine.....b	KNN	.....
KMF	.....	KNO	.....
KMG	.....	KNP	.....
KMH	Panama.....b	KNQ	Lucy Neff.....b
KMI	.....	KNR	Zealandia.....b
KMJ	.....	KNS	Shinnecock.....b
KMK	.....	KNT	Montauk.....b
KML	.....	KNU	Currier.....b
KMM	.....	KNV	.....
KMN	Atlantic City.....b	KNW	Wyandotte.....b
KMO	C. W. Morse.....b	KNX	.....
KMP	.....	KNY	.....
KMQ	.....	KNZ	America.....b
KMR	.....	KOA	Hamilton.....b
KMS	Ancon.....b	KOB	Princess Anne.....b
KMT	.....	KOC	Jamestown.....b
KMU	.....	KOD	Jefferson.....b
KMV	Advance.....b	KOE	.....
		KOF	.....
		KOG	Madison.....b
		KOH	.....
		KOI	.....
		KOJ	.....
		KOK	.....

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
KOL	.....	KPY	.....
KOM	.....	KPZ	.....
KON	.....	KQA	.....
KOO	.....	KQB	Berkshire..... b
KOP	.....	KQC	Cretan..... b
KOQ	.....	KQD	Dorchester..... b
KOR	.....	KQE	Essex..... b
KOS	Brunswick..... b	KQF	.....
KOT	.....	KQG	Gloucester..... b
KOU	.....	KQH	Howard..... b
KOV	Olivette..... b	KQI	Indian..... b
KOW	Mascotte..... b	KQJ	Juniata..... b
KOX	.....	KQK	Kerahaw..... b
KOY	.....	KQL	Lexington..... b
KOZ	Miami..... b	KQM	Merrimack..... b
KPA	Seattle, Wash..... c	KQN	Nantucket..... b
KPB	Ketchikan, Alaska..... c	KQO	Ontario..... b
KPC	Astoria, Oreg..... c	KQP	Parthian..... b
KPD	Friday Harbor, Wash..... c	KQQ	Quantico..... b
KPE	.....	KQR	Grecian..... b
KPF	Forward..... b	KQS	Somerset..... b
KPG	.....	KQT	Tuscan..... b
KPH	Hillcrest, Cal..... c	KQU	.....
KPI	Avalon, Cal..... c	KQV	.....
KPJ	East San Pedro, Cal..... c	KQW	.....
KPK	.....	KQX	Persian..... b
KPL	Pilot Boy..... b	KQY	Powhatan..... b
KPM	Eureka, Cal..... c	KQZ	Suwannee..... b
KPN	.....	KRA	.....
KPO	.....	KRB	Governor Cobb..... b
KPP	.....	KRC	Camden..... b
KPQ	.....	KRD	Belfast..... b
KPR	P. R. R. Barge 707..... b	KRE	Bay State..... b
KPS	Satellite..... b	KRF	Ransom B. Fuller..... b
KPT	.....	KRG	.....
KPU	.....	KRH	City of Bangor..... b
KPV	.....	KRI	City of Rockland..... b
KPW	Cape Cod..... b	KRJ	Relief..... b
KPX	Marshfield, Oreg..... c	KRK	.....
		KRL	Louise..... b
		KRM	.....
		KRN	Calvin Austin..... b
		KRO	Columbia..... b
		KRP	Rescue..... b
		KRQ	I. J. Merritt..... b
		KRR	Mills..... b
		KRS	Savage..... b
		KRT	.....
		KRU	.....
		KRV	Governor Dingley..... b

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
KRW	.....	KTO	.....
KRX	.....	KTP	S. O. Co. No. 94..... b
KRY	City of Baltimore..... b	KTQ	City of Everett..... b
KRZ	City of Norfolk..... b	KTR	Radiant..... b
KSA	.....	KTS	Vesta..... b
KSB	.....	KTT	Paraguay..... b
KSC	.....	KTU	Sun..... b
KSD	San Diego, Cal. .... c	KTV	Toledo..... b
KSE	.....	KTW	Delaware Sun..... b
KSF	Finland..... b	KTX	Socony..... b
KSG	.....	KTY	S. O. Co. No. 92..... b
KSH	Kroonland..... b	KTZ	.....
KSI	.....	KUA	.....
KSJ	.....	KUB	.....
KSK	.....	KUC	.....
KSL	St. Louis..... b	KUD	.....
KSM	Philadelphia..... b	KUE	.....
KSN	New York..... b	KUF	.....
KSO	St. Paul..... b	KUG	.....
KSP	.....	KUH	.....
KSQ	.....	KUI	.....
KSR	.....	KUJ	.....
KSS	South San Francisco, Cal. .... c	KUK	.....
KST	.....	KUL	.....
KSU	.....	KUM	.....
KSV	City of Richmond..... b	KUN	.....
KSW	City of Annapolis..... b	KUO	.....
KSX	Alabama..... b	KUP	Pettibone..... b
KSY	Florida..... b	KUQ	.....
KSZ	Virginia..... b	KUR	.....
KTA	Larimer..... b	KUS	Florida..... b
KTB	.....	KUT	Pan American..... b
KTC	Shenango..... b	KUU	.....
KTD	Ligonier..... b	KUV	.....
KTE	Winifred..... b	KUW	.....
KTF	J. M. Guffey..... b	KUX	.....
KTG	Gulfoil..... b		
KTH	Illinois..... b		
KTI	Brilliant..... b		
KTJ	Comet..... b		
KTK	John D. Archbold..... b		
KTL	Rayo..... b		
KTM	Eocene..... b		
KTN	Perfection..... b		

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
KUY	.....	KWG	Seguranca..... b
KUZ	.....	KWH	Havana..... b
KVA	Apache..... b	KWI	.....
KVB	Arapahoe..... b	KWJ	.....
KVC	Comanche..... b	KWK	W. B. Keene..... b
KVD	.....	KWL	.....
KVE	.....	KWM	.....
KVF	Iroquois..... b	KWN	.....
KVG	Algonquin..... b	KWO	.....
KVH	Huron..... b	KWP	.....
KVI	.....	KWQ	.....
KVJ	Seminole..... b	KWR	.....
KVK	Cherokee..... b	KWS	Saratoga..... b
KVL	Lenape..... b	KWT	.....
KVM	Mohawk..... b	KWU	.....
KVN	.....	KWV	Vigilancia..... b
KVO	.....	KWW	.....
KVP	.....	KWX	Mexico..... b
KVQ	.....	KWY	Monterey..... b
KVR	.....	KWZ	Esperanza..... b
KVS	.....	KXA	Boston..... b
KVT	.....	KXB	City of Lowell..... b
KVU	Elmer A. Keeler..... b	KXC	Commonwealth..... b
KVV	.....	KXD	Maine..... b
KVW	South American..... b	KXE	Mohawk..... b
KVX	Lundin power lifeboat..... b	KXF	New Hampshire..... b
KVY	.....	KXG	Pilgrim..... b
KVZ	Relay..... b	KXH	Plymouth..... b
KWA	.....	KXI	Priscilla..... b
KWB	.....	KXJ	Providence..... b
KWC	Morro Castle..... b	KXK	Puritan..... b
KWD	.....	KXL	City of Taunton..... b
KWE	.....	KXM	Mohegan..... b
KWF	.....	KXN	New Haven..... b
		KXO	.....
		KXP	Pequonnock..... b
		KXQ	Chester W. Chapin..... b
		KXR	Richard Peck..... b
		KXS	.....
		KXT	.....

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
KXU	.....	KZL	.....
KXV	.....	KZM	.....
KXW	.....	KZN	.....
KXX	.....	KZO	.....
KXY	.....	KZP	.....
KXZ	.....	KZQ	.....
KYA	Atalanta..... b	KZR	.....
KYB	North Wind..... b	KZS	.....
KYC	Corsair..... b	KZT	.....
KYD	Cyprus..... b	KZU	.....
KYE	Cassandra..... b	KZV	.....
KYF	Florence..... b	KZW	.....
KYG	Wild Duck..... b	KZX	.....
KYH	Aloha..... b	KZY	.....
KYI	Wakiva..... b	KZZ	.....
KYJ	Sayonara..... b	NAA	Arlington, Radio, Va..... c
KYK	Kismet..... b	NAB	Portland, Me..... c
KYL	Lysistrata..... b	NAC	Portsmouth, N. H..... c
KYM	Columbia..... b	NAD	Boston, Mass..... c
KYN	Niagara..... b	NAE	Cape Cod, Mass..... c
KYO	Noma..... b	NAF	Newport, R. I..... c
KYP	Oneida..... b	NAG	Fire Island, Long Island, N. Y. c
KYQ	California..... b	NAH	New York (Brooklyn), N. Y. c
KYR	Karina..... b	NAI	Philadelphia, Pa..... c
KYS	Sea Otter..... b	NAJ	.....
KYT	Vanadis..... b	NAK	Annapolis, Md..... c
KYU	Mohawk..... b	NAL	Washington, D. C..... c
KYV	Adventurers..... b	NAM	Norfolk, Va..... c
KYW	Warrior..... b	NAN	Beaufort, N. C..... c
KYX	Wana..... b	NAO	Charleston, S. C..... c
KYY	.....	NAP	St. Augustine, Fla..... c
KYZ	North Star..... b	NAQ	Jupiter, Fla..... c
KZA	.....	NAR	Key West, Fla..... c
KZB	.....	NAS	Pensacola, Fla..... c
KZC	.....	NAT	New Orleans, La..... c
KZD	.....	NAU	San Juan, P. R..... c
KZE	.....	NAV	.....
KZF	.....	NAW	Guantanamo Bay, Cuba..... c
KZG	.....	NAX	Colon, Panama..... c
KZH	.....	NAY	.....
KZI	.....	NAZ	.....
KZJ	.....		
KZK	.....		

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
NBA	.....	NCK	.....
NBB	.....	NCL	Beale..... b
NBC	.....	NCM	.....
NBD	.....	NCN	Birmingham..... b
NBE	.....	NCO	.....
NBF	.....	NCP	.....
NBG	.....	NCQ	.....
NBH	Ajax..... b	NCR	.....
NBI	Alabama..... b	NCS	.....
NBJ	Albany..... b	NCT	.....
NBK	.....	NCU	Buffalo..... b
NBL	Alert..... b	NCV	Burrows..... b
NBM	.....	NCW	.....
NBN	.....	NCX	.....
NBO	.....	NCY	Caesar..... b
NBP	Ammen..... b	NCZ	California..... b
NBQ	.....	NDA	Castine..... b
NBR	Annapolis..... b	NDB	Celtic..... b
NBS	.....	NDC	.....
NBT	.....	NDD	.....
NBU	Arethusa..... b	NDE	.....
NBV	Arkansas..... b	NDF	.....
NBW	.....	NDG	Chester..... b
NBX	.....	NDH	Cheyenne..... b
NBY	.....	NDI	Chicago..... b
NBZ	.....	NDJ	.....
NCA	.....	NDK	.....
NCB	.....	NDL	Cincinnati..... b
NCC	New York..... b	NDM	Cleveland..... b
NCD	Texas..... b	NDN	Colorado..... b
NCE	.....	NDO	.....
NCF	Bailey..... b	NDP	.....
NCG	.....	NDQ	Connecticut..... b
NCH	Baltimore..... b	NDR	.....
NCI	.....	NDS	.....
NCJ	.....	NDT	.....
		NDU	Culgoa..... b
		NDV	.....



## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
NDW	.....	NFH	.....
NDX	.....	NFI	.....
NDY	Cyclops..... b	NFJ	.....
NDZ	.....	NFK	.....
NEA	.....	NFL	.....
NEB	.....	NFM	Fanning..... b
NEC	.....	NFN	.....
NED	.....	NFO	.....
NEE	.....	NFP	.....
NEF	.....	NFQ	.....
NEG	.....	NFR	Florida..... b
NEH	.....	NFS	Flusser..... b
NEI	.....	NFT	.....
NEJ	.....	NFU	Ranger..... b
NEK	Delaware..... b	NFV	.....
NEL	.....	NFW	.....
NEM	Denver..... b	NFX	.....
NEN	Des Moines..... b	NFY	.....
NEO	.....	NFZ	.....
NEP	Dixie..... b	NGA	Columbia..... b
NEQ	Dolphin..... b	NGB	Minneapolis..... b
NER	.....	NGC	.....
NES	.....	NGD	Galveston..... b
NET	Drayton..... b	NGE	.....
NEU	Dubuque..... b	NGF	Georgia..... b
NEV	.....	NGG	.....
NEW	.....	NGH	Glacier..... b
NEX	.....	NGI	Chattanooga..... b
NEY	.....	NGJ	Goldsborough..... b
NEZ	.....	NGK	Marblehead..... b
NFA	Brooklyn..... b	NGL	.....
NFB	Milwaukee..... b	NGM	.....
NFC	Eagle..... b	NGN	.....
NFD	Elcano..... b	NGO	.....
NFE	Charleston..... b	NGP	.....
NFF	.....	NGQ	.....
NFG	.....	NGR	.....

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
NGS	.....	NIG	.....
NGT	.....	NIH	Aylwin..... b
NGU	Hannibal..... b	NII	Balch..... b
NGV	.....	NIJ	Benham..... b
NGW	.....	NIK	Cassin..... b
NGX	Hector..... b	NIL	Cummings..... b
NGY	Helena..... b	NIM	Cushing..... b
NGZ	.....	NIN	Downes..... b
NHA	Henley..... b	NIO	Kansas..... b
NHB	.....	NIP	Kearsarge..... b
NHC	Hopkins..... b	NIQ	Kentucky..... b
NHD	Monadnock..... b	NIR	Duncan..... b
NHE	Hull..... b	NIS	.....
NHF	.....	NIT	McDougal..... b
NHG	Amphitrite..... b	NIU	Nicholson..... b
NHH	Ozark..... b	NIV	O'Brien..... b
NHI	Hancock..... b	NIW	Lamson..... b
NHJ	.....	NIX	Parker..... b
NHK	.....	NIY	Lawrence..... b
NHL	.....	NIZ	Lebanon..... b
NHM	.....	NJA	Winslow..... b
NHN	.....	NJB	Louisiana..... b
NHO	Illinois..... b	NJC	Decatur..... b
NHP	.....	NJD	.....
NHQ	Indiana..... b	NJE	.....
NHR	.....	NJF	.....
NHS	.....	NJG	.....
NHT	Iowa..... b	NJH	Macdonough..... b
NHU	Iris..... b	NJI	.....
NHV	Iroquois..... b	NJJ	.....
NHW	.....	NJK	.....
NHX	.....	NJL	Maine..... b
NHY	.....	NJM	.....
NHZ	.....	NJN	.....
NIA	Bainbridge..... b	NJO	.....
NIB	Jarvis..... b	NJP	.....
NIC	.....	NJQ	Marietta..... b
NID	Jenkins..... b	NJR	Mars..... b
NIE	Jouett..... b	NJS	Maryland..... b
NIF	.....	NJT	Massachusetts..... b
		NJU	Mayrant..... b
		NJV	Mayflower..... b
		NJW	McCall..... b
		NJX	.....
		NJY	.....
		NJZ	Michigan..... b

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
NKA	.....	NLP	.....
NKB	.....	NLQ	.....
NKC	.....	NLR	.....
NKD	Minnesota..... b	NLS	.....
NKE	.....	NLT	.....
NKF	Missouri..... b	NLU	.....
NKG	.....	NLV	.....
NKH	.....	NLW	.....
NKI	.....	NLX	.....
NKJ	.....	NLY	.....
NKK	.....	NLZ	.....
NKL	Monaghan..... b	NMA	Nebraska..... b
NKM	Montana..... b	NMB	Nero..... b
NKN	Monterey..... b	NMC	Vestal..... b
NKO	Montgomery..... b	NMD	.....
NKP	.....	NME	New Hampshire..... b
NKQ	.....	NMF	New Jersey..... b
NKR	.....	NMG	New Orleans..... b
NKS	.....	NMH	Newport..... b
NKT	.....	NMI	.....
NKU	.....	NMJ	.....
NKV	.....	NMK	.....
NKW	.....	NML	.....
NKX	.....	NMM	.....
NKY	Nashville..... b	NMN	North Carolina..... b
NKZ	Navajo..... b	NMO	North Dakota..... b
NLA	Nantucket Shoals Lightship... c	NMP	.....
NLB	Diamond Shoals Lightship... c	NMQ	.....
NLC	Frying Pan Shoals Lightship... c	NMR	.....
NLD	Relief Lightship 66 or 85... b	NMS	Neptune..... b
NLE	Relief Lightship 71 or 72... b	NMT	.....
NLF	Kukui..... b	NMU	.....
NLG	Relief lightship 94 or 53... b	NMV	.....
NLH	Patterson..... b	NMW	Ohio..... b
NLI	Explorer..... b	NMX	.....
NLJ	Pathfinder..... b	NMY	.....
NLK	Bache..... b	NMZ	Oregon..... b
NLL	.....		
NLM	.....		
NLN	.....		
NLO	.....		

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
NNA	Brutus..... b	NOL	Patapasco..... b
NNB	Jason..... b	NOM	Patuxent..... b
NNC	Jupiter..... b	NON	Paulding..... b
NND	.....	NOO	.....
NNE	.....	NOP	Paul Jones..... b
NNF	Nereus..... b	NOQ	.....
NNG	Proteus..... b	NOR	.....
NNH	Leonidas..... b	NOS	.....
NNI	.....	NOT	Pittsburgh..... b
NNJ	Justin..... b	NOU	.....
NNK	Nanahan..... b	NOV	.....
NNL	.....	NOW	Peoria..... b
NNM	Saturn..... b	NOX	Perkins..... b
NNN	.....	NOY	Perry..... b
NNO	.....	NOZ	Petrel..... b
NNP	.....	NPA	Cordova, Alaska..... c
NNP	.....	NPB	Sitka, Alaska..... c
NNQ	.....	NPC	Puget Sound, Wash..... c
NNR	.....	NPD	Tatoosh, Wash..... c
NNS	.....	NPE	North Head, Wash..... c
NNT	.....	NPF	Cape Blanco, Oreg..... c
NNU	.....	NPG	.....
NNV	.....	NPH	Mare Island, Cal..... c
NNW	.....	NPI	Farallons, Cal..... c
NNX	.....	NPJ	Balboa, Panama..... c
NNY	.....	NPK	Point Arguello, Cal..... c
NNZ	.....	NPL	San Diego, Cal..... c
NOA	Osceola..... b	NPM	Honolulu, Hawaii..... c
NOB	Abarenda..... b	NPN	Guam, Marianne Islds..... c
NOC	Orion..... b	NPO	Cavite, P. I..... c
NOD	.....	NPP	Peking, China..... c
NOE	.....	NPQ	St. Paul, Pribilof Islds., Alaska.. c
NOF	.....	NPR	Dutch Harbor, Alaska..... c
NOG	Paducah..... b	NPS	Kodiak, Alaska..... c
NOH	.....	NPT	Olongapo, P. I..... c
NOI	.....	NPU	Tutuila, Samoa..... c
NOJ	Panther..... b	NPV	Unalga, Alaska..... c
NOK	Patterson..... b	NPW	Eureka, Cal..... c
		NPX	.....
		NPY	St. George, Pribilof Islds., Alaska..... c
		NPZ	.....
		NQA	.....
		NQB	.....
		NQC	.....
		NQD	.....

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
NQE	.....	NSC	.....
NQF	Pompey..... b	NSD	.....
NQG	.....	NSE	.....
NQH	.....	NSF	.....
NQI	.....	NSG	.....
NQJ	Isla de Luzon..... b	NSH	.....
NQK	Potomac..... b	NSI	.....
NQL	Machias..... b	NSJ	.....
NQM	Prairie..... b	NSK	Yankton..... b
NQN	Preble..... b	NSL	Gloucester..... b
NQO	Preston..... b	NSM	.....
NQP	Princeton..... b	NSN	.....
NQQ	Monocacy..... b	NSO	.....
NQR	Prometheus..... b	NSP	.....
NQS	Palos..... b	NSQ	Smith..... b
NQT	Pampanga..... b	NSR	.....
NQU	.....	NSS	.....
NQV	Sacramento..... b	NST	Solace..... b
NQW	.....	NSU	.....
NQX	Yorktown..... b	NSV	Wasp..... b
NQY	Albatross..... b	NSW	South Carolina..... b
NQZ	.....	NSX	South Dakota..... b
NRA	Algonquin..... b	NSY	.....
NRB	Bear..... b	NSZ	.....
NRC	Morrill..... b	NTA	Ontario.....
NRD	Androscoggin..... b	NTB	Sterrett..... b
NRE	Seneca..... b	NTC	Stewart..... b
NRF	Snohomish..... b	NTD	Rainbow..... b
NRG	Gresham..... b	NTE	Raleigh..... b
NRH	McCulloch..... b	NTF	St. Louis..... b
NRI	Itasca..... b	NTG	Sonoma..... b
NRJ	Woodbury..... b	NTI	.....
NRK	Tahoma..... b	NTJ	.....
NRL	Tuscarora..... b	NTK	Supply..... b
NRM	Mohawk..... b	NTL	Sylph..... b
NRN	Manning..... b	NTM	.....
NRO	Onondaga..... b		
NRP	Apache..... b		
NRQ	Miami..... b		
NRR	Pamlico..... b		
NRS	Seminole..... b		
NRT	Thetis..... b		
NRU	Acushnet..... b		
NRV	Winona..... b		
NRW	Windom..... b		
NRX	Unalga..... b		
NRY	Yamacraw..... b		
NRZ	<sup>1</sup> New London, Conn..... c		
NSA	.....		
NSB	.....		

<sup>1</sup> This station will accept general public service in emergencies, when open.

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
NTN	.....	NUZ	.....
NTO	.....	NVA	Farragut..... b
NTP	Salem..... b	NVB	.....
NTQ	San Francisco..... b	NVC	.....
NTR	Saratoga..... b	NVD	.....
NTS	.....	NVE	Utah..... b
NTT	Scorpion..... b	NVF	Uncas..... b
NTU	Reid..... b	NVG	.....
NTV	.....	NVH	.....
NTW	.....	NVI	.....
NTX	Rhode Island..... b	NVJ	.....
NTY	.....	NVK	Vermont..... b
NTZ	Roe..... b	NVL	.....
NUA	Tacoma..... b	NVM	Vesuvius..... b
NUB	.....	NVN	Vicksburg..... b
NUC	Tallahassee..... b	NVO	.....
NUD	.....	NVP	Villalobos..... b
NUE	.....	NVQ	.....
NUF	.....	NVR	Virginia..... b
NUG	Tennessee..... b	NVS	.....
NUH	.....	NVT	Vulcan..... b
NUI	Terry..... b	NVU	.....
NUJ	.....	NVV	.....
NUK	.....	NVW	.....
NUL	.....	NVX	.....
NUM	.....	NVY	.....
NUN	Tonapah..... b	NVZ	.....
NUO	.....	NWA	.....
NUP	.....	NWB	.....
NUQ	Trippe..... b	NWC	.....
NUR	.....	NWD	Warrington..... b
NUS	Truxton..... b	NWE	Washington..... b
NUT	.....	NWF	.....
NUU	.....	NWG	West Virginia..... b
NUV	.....	NWH	Wheeling..... b
NUW	.....	NWI	Whipple..... b
NUX	Sotoyomo..... b		
NUY	.....		

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal	Station.	Call signal.	Station.
NWJ	.....	NXQ	.....
NWK	Wilmington..... b	NXR	.....
NWL	Walke..... b	NXS	E-1..... b
NWM	Wisconsin..... b	NXT	E-2..... b
NWN	.....	NXU	F-1..... b
NWO	.....	NXV	F-2..... b
NWP	Worden..... b	NXW	F-3..... b
NWQ	Wyoming..... b	NXX	F-4..... b
NWR	.....	NXY	G-1..... b
NWS	.....	NXZ	G-2..... b
NWT	.....	NYA	G-3..... b
NWU	.....	NYB	G-4..... b
NWV	.....	NYC	H-1..... b
NWW	.....	NYD	H-2..... b
NWX	.....	NYE	H-3..... b
NWY	.....	NYF	K-1..... b
NWZ	.....	NYG	K-2..... b
NXA	.....	NYH	K-3..... b
NXB	.....	NYI	K-4..... b
NXC	.....	NYJ	K-5..... b
NXD	.....	NYK	K-6..... b
NXE	.....	NYL	K-7..... b
NXF	.....	NYM	K-8..... b
NXG	.....	NYN	.....
NXH	.....	NYO	.....
NXI	.....	NYP	.....
NXJ	.....	NYQ	.....
NXK	.....	NYR	.....
NXL	.....	NYS	.....
NXM	.....	NYT	.....
NXN	.....	NYU	.....
NXO	.....	NYV	.....
NXP	.....	NYW	.....
		NYX	.....
		NYZ	.....
		NZA	.....
		NZB	.....
		NZC	.....
		NZD	.....
		NZE	.....

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
NZF	.....	WAP	.....
NZG	.....	WAQ	.....
NZH	.....	WAR	Cordova..... b
NZI	.....	WAS	Admiral Sampson..... b
NZJ	.....	WAT	.....
NZK	.....	WAU	Dolphin..... b
NZL	.....	WAV	Seward..... b
NZM	.....	WAW	Admiral Watson..... b
NZN	.....	WAX	.....
NZO	.....	WAY	Admiral Dewey..... b
NZP	.....	WAZ	Admiral Schley..... b
NZQ	.....	WBA	Santa Clara..... b
NZR	.....	WBB	Santa Cecilia..... b
NZS	.....	WBC	Santa Catalina..... b
NZT	.....	WBD	Santa Cruz..... b
NZU	.....	WBE	.....
NZV	.....	WBF	Boston, Mass..... c
NZW	.....	WBG	Iroquois..... b
NZX	.....	WBH	Chippewa..... b
NZY	Washington, D. C..... c	WBI	D., L. & W. R. R. limited train..... c
NZZ	Tarragon..... b	WBJ	.....
WAA	Alameda..... b	WBK	Breakwater..... b
WAB	Admiral Evans..... b	WBL	Buffalo, N. Y..... c
WAC	Chicago..... b	WBM	Redondo..... b
WAD	Victoria..... b	WBN	Benton Harbor, Mich..... c
WAE	Edith..... b	WBO	Nann Smith..... b
WAF	Admiral Farragut..... b	WBP	Hermosa..... b
WAG	.....	WBQ	.....
WAH	Dora..... b	WBR	Bertha..... b
WAI	Latouche..... b	WBS	Baltimore, Md..... c
WAJ	Jefferson..... b	WBT	Binghamton, N. Y..... c
WAK	.....	WBU	Hoboken, N. J..... c
WAL	Santa Ana..... b	WBV	Cabrillo..... b
WAM	.....	WBW	Burrwood, La..... c
WAN	Northwestern..... b	WBX	Dover, N. J..... c
WAO	Dirigo..... b	WBY	.....
		WBZ	Glory of the Seas..... b
		WCA	Tionesta..... b
		WCB	Juniata..... b
		WCC	South Wellfleet, Mass..... c
		WCD	Octorara..... b
		WCE	.....
		WCF	Favorite..... b
		WCG	Brooklyn, N. Y..... c
		WCH	Boston, Mass..... c
		WCI	Newport, R. I..... c
		WCJ	.....
		WCK	.....



## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
WCL	.....	WEG	City of St. Ignace..... b
WCM	Calumet, Mich..... c	WEH	City of Alpena II..... b
WCN	North Land..... b	WEI	.....
WCO	.....	WEJ	Nyack..... b
WCP	.....	WEK	Minnesota..... b
WCQ	.....	WEL	E. G. Crosby..... b
WCR	The Harvester..... b	WEM	.....
WCS	.....	WEN	North American..... b
WCT	Theodore Roosevelt..... b	WEO	South American..... b
WCU	.....	WEP	El Paso, Tex..... c
WCV	.....	WEQ	Col. James M. Schoonmaker..... b
WCW	.....	WER	William P. Snyder..... b
WCX	Cleveland, Ohio..... c	WES	William P. Snyder, Jr..... b
WCY	Cape May, N. J..... c	WET	Shenango..... b
WCZ	Illinois..... b	WEU	Wilpen..... b
WDA	Pere Marquette..... b	WEV	.....
WDB	Pere Marquette 19..... b	WEW	Marquette & Bessemer No. 1. b
WDC	Pere Marquette 17..... b	WEX	Marquette & Bessemer No. 2. b
WDD	Pere Marquette 18..... b	WEY	Alvina..... b
WDE	Pere Marquette 20..... b	WEZ	Ashtabula..... b
WDF	.....	WFA	Georgia..... b
WDG	.....	WFB	Alabama..... b
WDH	.....	WFC	Indiana..... b
WDI	City of South Haven..... b	WFD	Iowa..... b
WDJ	Lakeport..... b	WFE	Carolina..... b
WDK	Lakewood..... b	WFF	Fort Worth, Tex..... c
WDL	Lakeland..... b	WFG	Arizona..... b
WDM	Duluth, Minn..... c	WFH	Virginia..... b
WDN	Ann Arbor No. 3..... b	WFI	Chicago..... b
WDO	Ann Arbor No. 4..... b	WFJ	Christopher Columbus..... b
WDP	Ann Arbor No. 5..... b	WFK	Frankfort, Mich..... c
WDQ	.....	WFL	Sheboygan..... b
WDR	Detroit, Mich..... c	WFM	Fort Morgan, Ala..... c
WDS	City of Grand Rapids..... b	WFN	Eastland..... b
WDT	City of Chicago..... b	WFO	.....
WDU	Puritan..... b	WFP	City of Erie..... b
WDV	City of Benton Harbor..... b	WFQ	City of Buffalo..... b
WDW	Holland..... b	WFR	State of Ohio..... b
WDX	.....	WFS	Secandbee..... b
WDY	Lydonia..... b	WFT	.....
WDZ	.....	WFU	.....
WEA	City of Cleveland III..... b	WFV	.....
WEB	City of Mackinac II..... b	WFW	Manitou..... b
WEC	City of Detroit II..... b	WFX	Missouri..... b
WED	Western States..... b	WFY	Sialia..... b
WEE	Eastern States..... b	WFZ	.....
WEF	City of Detroit III..... b	WGA	City of Seattle..... b
		WGB	.....
		WGC	.....
		WGD	Delhi..... b
		WGE	Spokane..... b

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
WGF	.....	WIB	.....
WGG	Tuckerton, N. J..... c	WIC	.....
WGH	Grand Haven, Mich..... c	WID	.....
WGI	.....	WIE	.....
WGJ	.....	WIF	.....
WGK	.....	WIG	.....
WGL	.....	WIH	.....
WGM	Grand Marais, Minn..... c	WII	Belmar, N. J..... c
WGN	Santa Rosa..... b	WIJ	.....
WGO	Chicago, Ill..... c	WIK	.....
WGP	President..... b	WIL	.....
WGQ	City of Puebla..... b	WIM	.....
WGR	Governor..... b	WIN	.....
WGS	Senator..... b	WIO	.....
WGT	Congress..... b	WIP	.....
WGU	Umatilla..... b	WIQ	.....
WGV	Galveston, Tex..... c	WIR	.....
.....	.....	WIS	.....
WGW	.....	WIT	United States..... b
WGX	Queen..... b	WIU	.....
WGY	City of Topeka..... b	WIV	.....
WGZ	Guardian..... b	WIW	.....
WHA	Cape Hatteras (Buxton), N. C. c	WIX	.....
WHB	New York, N. Y..... c	WIY	.....
WHC	Columbia..... b	WIZ	.....
WHD	New York, N. Y..... c	WJA	.....
WHE	Philadelphia, Pa..... c	WJB	.....
.....	.....	WJC	.....
WHF	.....	WJD	.....
WHG	W. B. Flint..... b	WJE	.....
WHH	St. Frances..... b	WJF	.....
WHI	New York, N. Y..... c	.....	.....
WHJ	Sierra..... b	.....	.....
WHK	New Orleans, La..... c	.....	.....
WHL	Ventura..... b	.....	.....
WHM	Sonoma..... b	.....	.....
WHN	Hanalei..... b	.....	.....
.....	.....	.....	.....
WHO	.....	.....	.....
WHP	Mariposa..... b	.....	.....
WHQ	Mackinac Island, Mich..... c	.....	.....
WHR	North Star..... b	.....	.....
WHS	Adeline Smith..... b	.....	.....
WHT	Whittier..... b	.....	.....
.....	.....	.....	.....
WHU	.....	.....	.....
.....	.....	.....	.....
WHV	.....	.....	.....
WHW	Mackinaw..... b	.....	.....
WHX	Humboldt..... b	.....	.....
.....	.....	.....	.....
WHY	.....	.....	.....
.....	.....	.....	.....
WHZ	.....	.....	.....
.....	.....	.....	.....
WLA	.....	.....	.....

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
WJG	.....	WKX	Missourian.....b
WJH	.....	WKY	Nebraskan.....b
WJI	.....	WKZ	Nevadan.....b
WJJ	.....	WLA	Wakiva.....b
WJK	.....	WLB	Beluga.....b
WJL	.....	WLC	New London, Conn.....c
WJM	.....	WLD	Ludington, Mich.....c
WJN	.....	WLE	.....
WJO	.....	WLF	.....
WJP	.....	WLG	.....
WJQ	.....	WLH	.....
WJR	.....	WLI	Iaqua.....b
WJS	.....	WLJ	.....
WJT	.....	WLK	.....
WJU	.....	WLL	.....
WJV	.....	WLM	.....
WJW	Hoboken, N. J.....c	WLN	Newton, Mass.....c
WJX	Jacksonville, Fla.....c	WLO	.....
WJY	.....	WLP	.....
WJZ	.....	WLQ	.....
WKA	Alaskan.....b	WLR	.....
WKB	Arizonan.....b	WLS	.....
WKC	Californian.....b	WLT	.....
WKD	Dakotan.....b	WLU	.....
WKE	Kentuckian.....b	WLV	.....
WKF	American.....b	WLW	.....
WKG	Georgian.....b	WLX	.....
WKH	Honolulan.....b	WLY	.....
WKI	Isthmian.....b	WLZ	.....
WKJ	Iowan.....b	WMA	Multnomah.....b
WKK	Kansan.....b	WMB	Mobile, Ala.....c
WKL	Mexican.....b	WMC	William Chatham.....b
WKM	Minnesotan.....b	WMD	.....
WKN	Montanan.....b	WME	Milwaukee, Wis.....c
WKO	Oregonian.....b	WMF	Celilo.....b
WKP	Pennsylvanian.....b	WMG	.....
WKQ	Ohioan.....b	WMH	.....
WKR	Panamanian.....b	WMI	Minnesota.....b
WKS	Columbian.....b		
WKT	Texan.....b		
WKU	Hawaiian.....b		
WKV	Virginian.....b		
WKW	Washingtonian.....b		

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
WMJ	.....	WOF	.....
WMK	Hyades..... b	WOG	.....
WML	Lurline..... b	WOH	.....
WMM	Hilonian..... b	WOI	.....
WMN	Enterprise..... b	WOJ	.....
WMO	Wilhelmina..... b	WOK	.....
WMP	Matsonia..... b	WOL	.....
WMQ	Manoa..... b	WOM	.....
WNR	.....	WON	.....
WMS	.....	WOO	.....
WMT	General Hubbard..... b	WOP	.....
WMU	.....	WOQ	.....
WMV	.....	WOR	.....
WMW	Manitowoc, Wis..... c	WOS	Samson..... b
WMX	Manistique, Mich..... c	WOT	.....
WMY	Yucatan..... c	WOU	.....
WMZ	.....	WOV	Venetia..... b
WNA	.....	WOW	.....
WNB	Oliver J. Olson..... b	WOX	.....
WNC	Carlos..... b	WOY	.....
WND	Windber..... b	WOZ	.....
WNE	Nushagak..... b	WPA	Santa Cruz..... b
WNF	Lyra..... b	WPB	Tyee Junior..... b
WNG	George W. Fenwick..... b	WPC	Tyee..... b
WNH	Lewis Luckenbach..... b	WPD	Tampa, Fla..... c
WNI	Leelanaw..... b	WPE	Tatoosh..... b
WNJ	Navajo..... b	WPF	.....
WNK	Al-Ki..... b	WPG	Goliath..... b
WNL	Diamond Head..... b	WPH	.....
WNM	Damara..... b	WPI	Independent..... b
WNN	Corwin..... b	WPJ	.....
WNO	A. G. Lindsay..... b	WPK	Kingfisher..... b
WNP	Pleiades..... b	WPL	.....
WNQ	.....	WPM	.....
WNR	Rochelle..... b	WPN	Pioneer..... b
WNS	Kvichak..... b		
WNT	New York, N. Y..... c		
WNU	New Orleans, La..... c		
WNV	Portland..... b		
WNW	San Ramon..... b		
WNX	Northland..... b		
WNY	St. Helens..... b		
WNZ	.....		
WOA	.....		
WOB	.....		
WOC	.....		
WOD	.....		
WOE	.....		

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
WPO	.....	WQX	.....
WPP	.....	WQY	Yosemite.....b
WPQ	Zapora.....b	WQZ	.....
WPR	Ensenada, P. R.....c	WRA	Henry T. Scott.....b
WPS	Starr.....b	WRB	Berlin.....b
WPT	.....	WRC	J. B. Stetson.....b
WPU	.....	WRD	.....
WPV	.....	WRE	.....
WPW	Columbia.....b	WRF	Fifield.....b
WPX	Oneonta.....b	WRG	.....
WPY	Wallula.....b	WRH	Harvard.....b
WPZ	Joseph Pulitzer.....b	WRI	Paraiso.....b
WQA	.....	WRJ	Aroline.....b
WQB	.....	WRK	Falcon.....b
WQC	Camino.....b	WRL	.....
WQD	.....	WRM	Riverside.....b
WQE	Edgar H. Vance.....b	WRN	Nome City.....b
WQF	.....	WRO	Isle Royal, Mich.....c
WQG	Greenwood.....b	WRP	.....
WQH	.....	WRQ	.....
WQI	.....	WRR	Roanoke.....b
WQJ	.....	WRS	Santa Clara.....b
WQK	.....	WRT	Geo. W. Elder.....b
WQL	.....	WRU	Port Arthur, Tex.....c
WQM	.....	WRV	Alliance.....b
WQN	.....	WRW	F. A. Kilburn.....b
WQO	.....	WRX	.....
WQP	.....	WRY	Yale.....b
WQQ	.....	WRZ	.....
WQR	.....	WSA	Ashtabula, Ohio.....c
WQS	Speedwell.....b	WSB	.....
WQT	.....	WSC	Siasconset, Mass.....c
WQU	.....	WSD	Stanley Dollar.....b
WQV	.....	WSE	Seagate, N. Y.....c
WQW	.....	WSF	Grace Dollar.....b
WQX	.....	WSG	Norwood.....b
WQY	.....	WSH	.....
WQZ	.....	WSI	Sault Ste. Marie, Mich.....c
		WSJ	John A. Hooper.....b
		WSK	Sagaponack, N. Y.....c
		WSL	Sayville, Long Island, N. Y.....c
		WSM	.....
		WSN	Centralia.....b
		WSO	Coronado.....b
		WSP	.....
		WSQ	.....
		WSR	Reuce.....b
		WSS	St. Nicholas.....b
		WST	Miami, Fla.....c

LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
WSU	.....	WUX	.....
WSV	Savannah, Ga. .... c	WUY	.....
WSW	Willamette. .... b	WUZ	.....
WSX	Klamath. .... b	WVA	Circle City, Alaska. .... c
WSY	Virginia Beach, Va. .... c	WVB	Fairbanks, Alaska. .... c
WSZ	.....	WVC	Fort Egbert, Alaska. .... c
WTA	Erskine M. Phelps. .... b	WVD	Fort Gibbon, Alaska. .... c
WTB	Argyll. .... b	WVE	Fort St. Michael, Alaska. .... c
WTC	Lansing. .... b	WVF	Kotlik, Alaska. .... c
WTD	Oleum. .... b	WVG	Nome, Alaska. .... c
WTE	Roma. .... b	WVH	Nulato, Alaska. .... c
WTF	Santa Maria. .... b	WVI	Petersburg, Alaska. .... c
WTG	Santa Rita. .... b	WVJ	Wrangell, Alaska. .... c
WTH	Washtenaw. .... b	WVK	.....
WTI	Catania. .... b	WVL	Fort Frank, P. I. .... c
WTJ	.....	WVM	Fort Hughes, P. I. .... c
WTK	J. A. Chanslor. .... b	WVN	Fort Mills, P. I. .... c
WTL	.....	WVO	Davao, P. I. .... c
WTM	W. S. Porter. .... b	WVP	Fort Drum, P. I. .... c
WTN	Wm. F. Herrin. .... b	WVQ	Fort Wm. McKinley, P. I. .... c
WTO	Frank H. Buck. .... b	WVR	Fort Wint, P. I. .... c
WTP	Scranton, Pa. .... c	WVS	Jolo, P. I. .... c
WTQ	El Segundo. .... b	WVT	Malabang, P. I. .... c
WTR	Richmond. .... b	WVU	Manila, P. I. .... c
WTS	Col. E. L. Drake. .... b	WVV	Puerto Princesa, P. I. .... c
WTT	Atlas. .... b	WVW	Zamboanga, P. I. .... c
WTU	S. O. Co. No. 91. .... b	WVX	Cuyo, P. I. .... c
WTV	Captain A. F. Lucas. .... b	WVY	San Jose, P. I. .... c
WTV	Maverick. .... b	WVZ	.....
WTX	Asuncion. .... b	WWA	China. .... b
WTY	S. O. Co. No. 93. .... b	WWB	Beaver. .... b
WTZ	S. O. Co. No. 95. .... b	WWC	.....
WUA	Fort Andrews, Mass. .... c	WWD	Bear. .... b
WUB	Fort Hancock, N. J. .... c	WWE	Manchuria. .... b
WUC	Fort H. G. Wright, N. Y. .... c	WWF	City of Para. .... b
WUD	Fort Leavenworth, Kans. .... c	WWG	City of Sydney. .... b
WUE	Fort Levett, Me. .... c	WWH	Newport. .... b
WUF	Fort Monroe, Va. .... c	WWI	Pennsylvania. .... b
WUG	Fort Monroe, Va. .... c	WWJ	Peru. .... b
WUH	Fort Omaha, Nbr. .... c	WWK	Korea. .... b
WUI	Fort Riley, Kans. .... c	WWL	San Jose. .... b
WUJ	Fort Sam Houston, Tex. .... c	WWM	San Juan. .... b
WUK	Fort Stevens, Oreg. .... c	WWN	Mongolia. .... b
WUL	Fort Totten, N. Y. .... c	WWO	.....
WUM	Fort Wood, N. Y. .... c	WWP	City of Panama. .... b
WUN	Fort Worden, Wash. .... c	WWQ	Aztec. .... b
WUO	Fort Winfield Scott, Cal. .... c	WWR	Rose City. .... b
WUP	Washington, D. C. .... c	WWS	Kansas City. .... b
WUQ	Washington, D. C. .... c	WWT	.....
WUR	.....	WUU	Siberia. .... b
WUS	.....	WVV	.....
WUT	.....	WWW	.....
WUU	.....		
WUV	Fort Leavenworth, Kans. .... c		
WUW	Fort Terry, N. Y. .... c		

## LAND AND SHIP RADIO STATIONS, ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Station.	Call signal.	Station.
WWX	.....	WYU	.....
WWY	.....	WYV	.....
WWZ	.....	WYW	.....
WXA	Buford..... b	WYX	.....
WXB	Crook..... b	WYY	.....
WXC	Dix..... b	WYZ	.....
WXD	Kilpatrick..... b	WZA	.....
WXE	Liscum..... b	WZB	.....
WXF	Logan..... b	WZC	.....
WXG	Meade..... b	WZD	.....
WXH	McClellan..... b	WZE	.....
WXI	Merritt..... b	WZF	.....
WXJ	Sheridan..... b	WZG	Fort De Russey, Hawaii..... c
WXK	Sherman..... b	WZH	Fort Shafter, Hawaii..... c
WXL	Sumner..... b	WZI	.....
WXM	Thomas..... b	WZJ	.....
WXN	Warren..... b	WZK	.....
WXO	.....	WZL	.....
WXP	.....	WZM	.....
WXQ	.....	WZN	.....
WXR	Burnside..... b	WZO	.....
WXS	.....	WZP	.....
WXT	Joseph Henry..... b	WZQ	.....
WXU	Navesink..... b	WZR	.....
WXV	.....	WZS	.....
WXW	.....	WZT	.....
WXX	.....	WZU	.....
WXY	.....	WZV	.....
WXZ	.....	WZW	.....
WYA	General Royal T. Frank..... b	WZX	.....
WYB	General S. N. Mills..... b	WZY	.....
WYC	Major Samuel Ringgold..... b	WZZ	.....
WYD	General Henry T. Hunt..... b		
WYE	General Henry Knox..... b		
WYF	General E. O. C. Ord..... b		
WYG	.....		
WYH	General Robert Anderson..... b		
WYI	Captain Chas. W. Rowell..... b		
WYJ	General A. M. Randol..... b		
WYK	General Harvey Brown..... b		
WYL	General R. B. Ayres..... b		
WYM	Captain James Fornance..... b		
WYN	Reno..... b		
WYO	Major Evan Thomas..... b		
WYP	Captain Barrett..... b		
WYQ	.....		
WYR	.....		
WYS	.....		
WYT	Captain A. M. Wetherill..... b		





## PART II.

### AMATEUR RADIO STATIONS.

#### FIRST DISTRICT.

[Headquarters: Customhouse, barge office, Long Wharf, Boston, Mass. The first district comprises the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.]

#### ALPHABETICALLY BY OWNERS OF STATIONS.

Callsignal.	Owner of station.	Location of station.	Power.
			Watts.
1TC	Aerogram Club of Newport.	16 John St., Newport, R. I.....	350
1HL	Affel, Herman A.....	45 St. Botolph St., Boston, Mass.....	100
1GM	Allen, J. Wyman.....	236 Hale St., Beverly, Mass.....	250
1HA	Allison, William H.....	37 Plantation St., Worcester, Mass.....	500
1KJ	Anderson, Arvid E.....	Shore St., Falmouth, Mass.....	100
1HT	Anderson, James H.....	132 White St., Belmont, Mass.....	100
1NA	Andonegui, Lane.....	1010 Mass. Ave., Cambridge, Mass.....	250
1ME	Angell, Otis P.....	20 Trowbridge St., Cambridge, Mass.....	500
1MA	Anthony, Harvey M.....	Harvard University, Cambridge, Mass.....	250
1KQ	Armstrong, James B.....	15 Bradford Rd., Newton Highlands, Mass.....	50
1UJ	Ashworth, Harry.....	34 Heath St., Providence, R. I.....	100
1CO	Atkins, Harry C.....	57 Pine St., Franklin, N. H.....	100
1OZ	Baer, Louis F.....	3 Washburn St., East Weymouth, Mass.....	100
1WE	Baldwin, James P.....	66 Forest St., New Britain, Conn.....	250
1VK	Barnes, Howard M.....	12 Hawkins St., New Britain, Conn.....	250
1IT	Barnes, Irving T.....	377 Main St., Waltham, Mass.....	100
1WB	Barnum, Roland B.....	250 Sherman Ave., New Haven, Conn.....	500
1WJ	Barrett, John H.....	64 Lafayette Pl., Greenwich, Conn.....	100
1UQ	Barth, Karl E.....	229 Washington Ave., Providence, R. I.....	1,000
1KX	Batcheller, Arthur.....	199 Sherley Ave., Revere, Mass.....	150
1IY	Baxter, Horace M.....	160 Foster St., Brighton, Mass.....	100
1MC	Baylies, Milton A.....	111 Grinnell St., New Bedford, Mass.....	500
1TR	Bazinett, Wilfred J.....	1667 Westminster St., Providence, R. I.....	250
1CZ	Bean, Harold W.....	82 S. Main St., Penacook, N. H.....	1,000
1PB	Bean, John E., jr.....	Church St., Merrimac, Mass.....	60
1PA	Beckman, Carl W.....	243 Arnold St., New Bedford, Mass.....	250
1NF	Beecher, George E.....	416 Allen St., Springfield, Mass.....	100
1VL	Belknap, Edward L.....	91 Vine St., Hartford, Conn.....	100
1ND	Bellis, Clifford B.....	9 Brown St., Waltham, Mass.....	200
1HY	Bennett, Lawrence S.....	2 Lawrence St., Everett, Mass.....	500
1IE	Bennett, William F., jr.....	24 Spring St., Somerville, Mass.....	100
1KT	Benoit, Walter R.....	73 Independent St., New Bedford, Mass.....	100
1GU	Bernardin, Leo A.....	456 Haverhill St., Lawrence, Mass.....	750
1LF	Beverly High School.....	16 Essex St., Beverly, Mass.....	500
1GH	Bibber, Harold W.....	31 Beacon St., Gloucester, Mass.....	1,000
1UL	Bigelow, Clinton A.....	96 Whittier Ave., Providence, R. I.....	100
1UG	Bigelow, Fred C.....	123 Chapel St., Saylesville, R. I.....	1,000
1KY	Bishop, Leon W.....	18 Irving St., Boston, Mass.....	40
1QK	Black, William R.....	32 Jefferson St., Newton, Mass.....	50
1NB	Blanchard, Ralph N.....	73 Jenkins Ave., Whitman, Mass.....	100
1WV	Blanke, Donald C.....	Old Church Rd., Greenwich, Conn.....	250
1GB	Blount, Henry G.....	Hamilton, Mass.....	539
1LB	Blume, Carl T.....	8 Upham St., Revere, Mass.....	45
1KR	Borden, Howard G.....	710 Rock St., Fall River, Mass.....	500
1MB	Boudette, Clayton M.....	194 Elm St., Everett, Mass.....	500

AMATEUR RADIO STATIONS—FIRST DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts
1LC	Bowen, Arthur N. ....	34 Athorp St., Revere, Mass. ....	250
1KU	Bowen, Earl H. ....	459 Madison St., Fall River, Mass. ....	250
1KO	Bowen, Harold C. ....	168 Belmont Ave., Fall River, Mass. ....	250
1OR	Boyden, Laurance E. ....	44 Cypress Pl., Brookline, Mass. ....	100
1TK	Branigan, Hugh S. C. ....	310 Prairie Ave., Providence, R. I. ....	100
1PN	Briggs, Ralph E. ....	100 West St., Whitman, Mass. ....	250
1HQ	Broadley, Harry R. ....	44 Wenham St., Boston, Mass. ....	48
1AI	Brown, Olin C. ....	23 Ledgelawn Ave., Bar Harbor, Me. ....	1,000
1AB	Brown, Philip T. ....	36 Taylor St., Portland, Me. ....	500
1JN	Bruce, Arthur O. ....	30 York St., Cambridge, Mass. ....	500
1QE	Bruce, Edmond ....	1010 Massachusetts Ave., Cambridge, Mass	250
1UX	Budlong, Clifton O. ....	Cranston, R. I. ....	100
1WA	Bueb, John J., jr. ....	12 Maher Ave., Greenwich, Conn. ....	100
1WS	Buffett, Salathiel. ....	Quarry Ave., Saybrook, Conn. ....	100
1MJ	Burdett, Roland E. ....	559 Main St., Wakefield, Mass. ....	1,000
1HB	Burgess, Warren B. ....	62 Fruit St., Worcester, Mass. ....	6
1HI	Burke, Alan W. ....	40 Pollock Ave., Pittsfield, Mass. ....	750
1GL	Bush, Arthur W. ....	80 Tower Hill St., Lawrence, Mass. ....	1,000
1AM	Butler, Guy W. ....	239 Center St., Oldtown, Me. ....	160
1MU	Byers, John R. ....	154 Lowell Ave., Newtonville, Mass. ....	200
1MV	Caldwell, George W. ....	52 Cherry St., Lynn, Mass. ....	500
1NU	Campbell, Harold G. ....	86 Kenwood St., Dorchester, Mass. ....	100
1HD	Canfield, Donald T. ....	R. F. D., Westboro, Mass. ....	100
1BO	Canty, William R. ....	36 Lincoln Ave., Rutland, Vt. ....	500
1JT	Carlson, Arthur G. ....	19 Mechanic St., North Easton, Mass. ....	500
1GC	Chadwick, Gilbert L. ....	19 11th Ave., Haverhill, Mass. ....	27
1CW	Chase, Robert McC. ....	25 Russell St., Plymouth, N. H. ....	798
1HC	Cheetham, Harry R. ....	81 Avon St., Somerville, Mass. ....	45
1JM	Cheever, Walter G. ....	6 Aldersey St., Somerville, Mass. ....	25
1IU	Church, Arthur E. ....	3 Wellington Ter., Brookline, Mass. ....	90
1AQ	Clafin, Harold M. ....	160 College Ave., Waterville, Me. ....	750
1PT	Clayton, Henry C. ....	1422 Washington St., Canton, Mass. ....	100
1HG	Cogswell, George R. ....	18 Garden St., Cambridge, Mass. ....	250
1NE	Coleman, Benj. B. B. ....	193 Clapp St., Milton, Mass. ....	200
1WC	Coleman, William F. ....	177 Wethersfield Ave., Hartford, Conn. ....	100
1JD	Collins, Lovejoy. ....	44 Carver Rd., Newton Highlands, Mass. ....	100
1IM	Conner, George W. ....	72 Medford St., Malden, Mass. ....	250
1CP	Conrad, Philip W. ....	172 Elm St., Keene, N. H. ....	250
1OS	Copland, H. Depew. ....	42 Huron Ave., Cambridge, Mass. ....	100
1BM	Copps, John L. ....	138 S. Main St., Rutland, Vt. ....	100
1LG	Corey, Frank J. ....	41 Sycamore St., Somerville, Mass. ....	160
1LE	Corney, Chester A. ....	815 E. 4th St., South Boston, Mass. ....	250
1VJ	Cowles, George R. ....	181 Thomas St., West Haven, Conn. ....	25
1UC	Creaser, Isaiah. ....	641 Plainfield St., Providence, R. I. ....	1,000
1HP	Cromack, N. G. N. ....	8 Elm Lawn St., Dorchester, Mass. ....	100
1PW	Crosby, Carlton. ....	173 Davis Ave., Brookline, Mass. ....	30
1WP	Cummings, Edward H. ....	Warwick, R. I. ....	300
1NL	Curtis, Samuel, jr. ....	3 Myrick St., Allston, Mass. ....	75
1IK	Dallin, Edwin B. ....	69 Oakland Ave., Arlington Heights, Mass	250
1JU	Dane, Francis W. ....	Main St., Hamilton, Mass. ....	500
1QZ	Danehy, Edward J. ....	21 Sargent St., Cambridge, Mass. ....	100
1GJ	Daniels, Richard M. ....	25 Outlook Rd., Swampscott, Mass. ....	500
1KD	David, Harold E. ....	21-A Belchertown Rd., Amherst, Mass. ....	100
1AX	Davies, Orel E. ....	301 Main St., Rockland, Me. ....	250
1WZ	Davis, Maurice F. ....	217 Dover St., New Haven, Conn. ....	50
1IL	Dean, Samuel W. ....	4 Eliot Rd., Lexington, Mass. ....	1,000
1JP	Decker, Clarence. ....	Housatonic, Mass. ....	250
1JR	Delano, Edward C. ....	64 School St., Fall River, Mass. ....	500
1HK	Denison, Horace W. ....	60 Garland St., Chelsea, Mass. ....	500

## AMATEUR RADIO STATIONS—FIRST DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
1LH	Dickson, William E.....	59 Hamden Circle, Quincy, Mass.....	250
IBC	Dimick, Leon R.....	27 Cliff St., St. Johnsbury, Vt.....	100
1JA	Dimond, Fred A., jr.....	4 Purchase St., East Carver, Mass.....	100
1UR	Doherty, James E.....	22 Orms St., Providence, R. I.....	100
1UD	Donle, Harold P.....	18 Observatory Ave., Providence, R. I.....	300
1LO	Donovan, Arthur B.....	49 Bigelow Ave., Rockland, Mass.....	250
1UO	Doyle, John B.....	306 Thurber Ave., Providence, R. I.....	12
1PC	Drake, Ervin T., jr.....	40 Holyoke House, Cambridge, Mass.....	30
1HZ	Duncan, Harrie E.....	34 Foster St., Newtonville, Mass.....	500
1LI	Eales, Malcolm A. L.....	4 Chestnut Park, Melrose, Mass.....	250
1QG	Edmester, Earle C.....	23 Beacon St., Everett, Mass.....	250
1KL	Edson, Allan W.....	167 Pleasant St., Whitman, Mass.....	250
1WN	Edwin Bancroft Foote Boys' Club.	Chapel St., New Haven, Conn.....	1,000
1NC	Ekwall, George O.....	"The Standish," Waltham, Mass.....	100
1OF	Eldredge, Clarence R.....	41 Lawrence St., Wakefield, Mass.....	500
1AZ	Elkins, Ben T.....	Robbins Rd., Belfast, Me.....	100
1HR	Elliott, Thomas H., jr.....	41 Brinton Rd., Brookline, Mass.....	500
1GO	Estey, F. Clifford.....	3 Goodell St., Salem, Mass.....	250
1AJ	Fabbri, Alessandro.....	Eden St., Bar Harbor, Me.....	1,000
1JC	Fairbanks, Robert D.....	21 Carver Rd., Newton Highlands, Mass.....	100
1IJ	Fassitt, Andrew J., jr.....	27 Walden St., Cambridge, Mass.....	1,000
1PU	Fearing, Sumner E.....	36 Water St., East Weymouth, Mass.....	.....
1KZ	Fiske, John.....	114 Brattle St., Cambridge, Mass.....	50
1LJ	Fitch, Conover.....	321 Hammond St., Newton, Mass.....	500
1BA	Fitts, Harold W.....	2 Park St., Barre, Vt.....	100
1OH	Flanders, Fred F.....	9 Norway St., Boston, Mass.....	275
1TL	Flint, Carl O.....	R. F. D. No. 1, Union, Me.....	550
1HN	Flood, J. Frank J.....	160 D St., South Boston, Mass.....	250
1OG	Florence, William E., jr.....	79 Salem St., Reading, Mass.....	250
1PV	Folsom, Rolfe A.....	76 Rockland Ave., Malden, Mass.....	75
1GF	Fowler, F. Malcolm.....	16 Shore Ave., Salem, Mass.....	500
1JK	Franko, Alfred A.....	15 Orchard St., Jamaica Plain, Mass.....	100
1IH	Fuller, Clarence C.....	50 High St., Mansfield, Mass.....	500
1JL	Gahn, Sebastian, jr.....	113 Sheridan St., Jamaica Plain, Mass.....	100
1HF	Gardner, Chester R.....	11 Spring Hill Ter., Somerville, Mass.....	100
1GV	Gavill, Wilbur W.....	West Chelmsford, Mass.....	210
1NR	Gerrish, Kenneth B.....	170 Sumner St., Malden, Mass.....	100
1NQ	Getchell, Melvin D.....	127 Monument St., West Medford, Mass.....	100
1VN	Green, Louis S.....	126 Central Ave., Waterbury, Conn.....	100
1GW	Haddock, Charles C.....	57 Lathrop St., Beverly, Mass.....	250
1TV	Hale, Edward E.....	92 Hallick Ave., Riverside, R. I.....	100
1NS	Hamilton, Edward P.....	69 Canton Ave., Milton, Mass.....	100
1HM	Hammett, Herbert M.....	4 Blue Hill Ave., Roxbury, Mass.....	500
1UH	Handy, William R.....	Lincoln, R. I.....	100
1AW	Harden, Edward F.....	South Brewer, Me.....	250
1GS	Hardy, Wilbur H.....	778 Hale St., Beverly Farms, Mass.....	250
1UA	Hargraves, Harold T.....	733 Cranston St., Providence, R. I.....	100
1CY	Haselton, Page S.....	R. F. D. No. 3, Hudson, N. H.....	100
1VO	Haskell, Shirley D.....	Main St., Essex, Conn.....	250
1LK	Haskins, Frederic C.....	220 Lexington St., Belmont, Mass.....	250
1AY	Hatch, James F.....	86 Elm St., Portland, Me.....	250
1MX	Hathaway, Francis R.....	Salem, Mass.....	250
1JE	Hayward, Edward E., jr.....	4 Pembroke St., Newton, Mass.....	100
1OT	Heap, Sheldon S.....	132 Atlantic St., Atlantic, Mass.....	100
1UN	Henry, William E.....	162 Prairie Ave., Providence, R. I.....	500
1JY	Herland, John N.....	48 Brush Hill Rd., Mattapan, Mass.....	15
1MH	Herrick, Sumner E.....	7 Birch Hill Ave., Wakefield, Mass.....	250
1QV	Heyman, Harry.....	15 Congress St., Springfield, Mass.....	100
1VH	Hickmott, William J., jr.....	29 Sumner St., Hartford, Conn.....	275

AMATEUR RADIO STATIONS—FIRST DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
10C	Hill, Harold F. . . . .	788 Massachusetts Ave., Cambridge, Mass.	12
10L	Hinman, George W. . . . .	198 Russell St., Worcester, Mass. . . . .	12
1PE	Hitchcock, Frederick J. . . . .	14 Burrough St., Danvers, Mass. . . . .	100
1TF	Hodges, Duncan . . . . .	Cloyne School, Newport, R. I. . . . .	500
1AF	Hodgkins, Winfield C. . . . .	54 Eagle Lake Rd., Bar Harbor, Me. . . . .	100
1JQ	Hoffman, Frank E. . . . .	33 High St., Springfield, Mass. . . . .	250
1WY	Hoggson, Wallace . . . . .	Maher Ave., Greenwich, Conn. . . . .	500
1UZ	Homer, Arthur B. . . . .	270 Blackstone Blvd., Providence, R. I. . . . .	12
1TI	Horgan, T. Francis. . . . .	239 Broadway, Newport, R. I. . . . .	250
1VQ	Horsfall, George W. . . . .	Unionville, Conn. . . . .	100
1OJ	Howard, Charles S. . . . .	Townsend, Mass. . . . .	500
1KC	Howe, Milton A. . . . .	347 Mt. Vernon St., Fitchburg, Mass. . . . .	500
1CR	Howe, Reginald. . . . .	94 School St., Keene, N. H. . . . .	100
1JH	Hubbard, Allen, jr. . . . .	11 Montvale Crescent, Newton Center, Mass. . . . .	250
1WL	Hubbard, George F. . . . .	267 Milbank Ave., Greenwich, Conn. . . . .	250
1BJ	Hunt, Albert M. . . . .	12 Madison Ave., Newtonville, Mass. . . . .	100
1KV	Hurley, Albert V. . . . .	16 Oakland Ave., Everett, Mass. . . . .	250
1AG	Hutchins, Ray. . . . .	Oak St., Springvale, Me. . . . .	24
1GP	James, Albert W. . . . .	36 Union St., Manchester, Mass. . . . .	100
1NK	Jennings, Charles E., jr. . . . .	28 Wrentham St., Dorchester, Mass. . . . .	100
1VR	Jennings, John W. . . . .	West Redding, Conn. . . . .	100
1TP	Jensen, Leonard C. . . . .	17 Mt. Vernon St., Providence, R. I. . . . .	100
1PF	Jerauld, Dorrance G. . . . .	Harwich, Mass. . . . .	100
1UE	Jette, George E. . . . .	161 Summer St., Central Falls, R. I. . . . .	500
1TJ	Johnson, Alexander R. . . . .	371 Sayles St., Providence, R. I. . . . .	100
1PG	Johnson, David E. . . . .	25 Glen St., Worcester, Mass. . . . .	30
1MK	Johnson, Thurston A. . . . .	123 Winthrop St., Winthrop, Mass. . . . .	250
1PH	Jones, R. Warren . . . . .	218 Pleasant St., Brockton, Mass. . . . .	100
1KP	Justice, Francis C. . . . .	148 Tremont St., Newton, Mass. . . . .	100
1ID	Kehoe, Francis. . . . .	41 Walnut St., Boston, Mass. . . . .	250
1IC	Keller, Adrian C. . . . .	36 Grand View Ave., Medford, Mass. . . . .	250
1AC	Kennedy, Chester A. . . . .	199 High St., South Portland, Me. . . . .	250
10A	Kenison, Arthur C. . . . .	45 Parker St., Lexington, Mass. . . . .	1,000
1NP	Kiley, John T. . . . .	11 Morton St., Somerville, Mass. . . . .	10
10B	Kilton, James A., jr. . . . .	96 Browne St., Brookline, Mass. . . . .	250
1LM	King, Alexander R. . . . .	27 Brantwood Rd., Arlington, Mass. . . . .	250
1LP	Knight, Hugh C. . . . .	132 Melrose St., Melrose Highlands, Mass. . . . .	200
1PI	Knight, Maurice E. . . . .	3 Edwin St., Boston, Mass. . . . .	30
1IN	Lamson, Horatio W. . . . .	10 Oakland Ave., Arlington Heights, Mass. . . . .	500
1GD	Lane, Frederic A. . . . .	7 Madison Ave., Gloucester, Mass. . . . .	250
1VC	Langevin, Carl C. . . . .	44 Sumner St., Hartford, Conn. . . . .	100
1JZ	Lanvuette, Kenneth H. . . . .	21 Houston Ave., Milton, Mass. . . . .	18
1AT	Lawford, Arthur H. . . . .	292 Main St., Bar Harbor, Me. . . . .	250
1JI	Lawrence, Milford R. . . . .	Main St., Falmouth, Mass. . . . .	500
1IS	Leach, George F. . . . .	513 Liberty St., Rockland, Mass. . . . .	100
1HX	Leavitt, Elmer A. . . . .	41 Forest Ave., Everett, Mass. . . . .	500
1IP	Leland, Harold B. . . . .	34 Irving St., Somerville, Mass. . . . .	100
1NZ	Leutz, Charles R. . . . .	34 Wyman St., Jamaica Plain, Mass. . . . .	100
1VA	Lewis, George B. . . . .	North Haven, Conn. . . . .	100
1IR	Lewis, Minott W. . . . .	44 Kidder Ave., West Somerville, Mass. . . . .	330
1MW	Linn, Harold W. . . . .	107 Alden St., Whitman, Mass. . . . .	250
1QY	Linsert, Henry . . . . .	124 Goden St., Belmont, Mass. . . . .	20
1UY	Lippitt, Gorton T. . . . .	111 Benevolent St., Providence, R. I. . . . .	200
1PK	Loheed, William J., jr. . . . .	12 Clifton Ave., Campello, Mass. . . . .	100
1JW	Long, John J. . . . .	32 London St., Somerville, Mass. . . . .	100
1GT	Loomis, Arthur T. . . . .	35 Graves Ave., Lynn, Mass. . . . .	250
1JB	Lord, Howland C. . . . .	40 Clyde St., Newtonville, Mass. . . . .	100
1KI	Loring, Wilfred B. . . . .	Plympton, Mass. . . . .	175
1NY	Lovis, Donald B. . . . .	26 Adelaide St., Jamaica Plain, Mass. . . . .	100

## AMATEUR RADIO STATIONS—FIRST DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
1WU	Lucas, Orville.....	172 Washington St., Wallingford, Conn...	100
1IQ	Luey, Donald.....	44 West St., Worcester, Mass.....	500
1NT	Lynch, John P.....	25 Speedwell St., Boston, Mass.....	10
1HE	Lynde, Kenneth R.....	20 Cloelia Ter., Newtonville, Mass.....	100
1ML	Lyon, William H.....	Maple St., East Lexington, Mass.....	1,000
1OK	Mackenzie, Roy G.....	102 High St., Danvers, Mass.....	600
1TN	Mahoney, Charles J.....	18 Pond Ave., Newport, R. I.....	100
1TG	Manchester, Arthur W.....	31 Newport Ave., Newport, R. I.....	100
1KG	Manning, Ralph K.....	232 Vine St., Everett, Mass.....	250
1TH	Manuel, Lloyd.....	106 2d St., Newport, R. I.....	500
1NG	Marshall, Stanley.....	1 Hobart St., Danvers, Mass.....	250
1VF	Mascare, Fred A.....	15 Cassidy Park, Greenwich, Conn.....	500
1TM	Mason, Lion G.....	Halidon Hall, Newport, R. I.....	500
1NV	Mathews, Lloyd F.....	40 Ibbetson St., Somerville, Mass.....	16
1WH	Maxim, Hiram P.....	550 Prospect Ave., Hartford, Conn.....	375
1NW	McDermott, Joseph H.....	Belmont, Mass.....	200
1VM	McGuire, William C.....	76 Madison St., Hartford, Conn.....	100
1CM	McLane, Henry R.....	342 Union Ave., Laconia, N. H.....	1.00
1VD	McPartland, Frank J.....	35 Holmes St., Orange, Conn.....	100
1WF	McSweeney, Lawrence P.....	6 Wethersfield Ave., Hartford, Conn.....	100
1TQ	Medbery, Chester H.....	156 Hanover St., Providence, R. I.....	100
1KM	Meekin, William J.....	34 Custer St., Rockland, Mass.....	250
1QH	Melvin, Arthur W.....	R. F. D. No. 1, Chelmsford, Mass.....	250
1HO	Merrill, Clark B.....	3 Elm St., Dorchester, Mass.....	200
1MI	Merrill, Donald F.....	282 Buckminster Rd., Brookline, Mass.....	250
1OD	Miller, Alden W.....	16 Chestnut St., Medford, Mass.....	20
1UM	Miller, Bernard H.....	38 Doyle Ave., Providence, R. I.....	250
1UV	Monahan, Edward M.....	1033 Eddy St., Providence, R. I.....	100
1WK	Moore, David L.....	Farmington, Conn.....	250
1GI	Morse, Harold E.....	108 Essex St., Swampscott, Mass.....	300
1LY	Moulton, Albert B.....	26 Monadnock Rd., Worcester, Mass.....	500
1HW	Muntoe, Henry W. T.....	38 Beacon St., Everett, Mass.....	500
1LZ	Murphy, Dudley B.....	176 Highland Ave., Winchester, Mass.....	1,000
1PX	Murphy, Harry J.....	Florence, Mass.....	100
1AU	Nash, Arthur F.....	277 Spring St., Portland, Me.....	500
1QF	Nash, Paul.....	64 Fairmont Ave., Newton, Mass.....	15
1CV	Nelson, Rufus L.....	16 Oak St., Northfield, N. H.....	500
1TO	Newton, Raymond C.....	292 California Ave., Providence, R. I.....	25
1LN	Newton Technical High School.	Newton, Mass.....	250
1UW	Nilson, Arthur R.....	11 Colfax St., Providence, R. I.....	100
1AP	Norton, Edward L.....	26 Grove St., Rockland, Me.....	750
1QL	Noyes, Russell.....	33 Washington Park, Newtonville, Mass.....	100
1QA	Nyquist, Norman A.....	107 Chestnut Ave., Jamaica Plain, Mass.....	100
1QJ	O'Brine, Daniel.....	152 Bridge St., Manchester, Mass.....	100
1IX	Ohlson, Olof.....	472 Crafts St., Newton, Mass.....	250
1MO	Ostrander, Freeman K., jr.....	215 White St., Springfield, Mass.....	250
1PL	Oudin, C. Folger.....	Marblehead Neck, Mass.....	250
1CX	Parker, George H.....	Hudson, N. H.....	100
1IG	Patten, Ernest L. O.....	11 Holmes St., Malden, Mass.....	500
1OM	Payson, Gilbert R., jr.....	545 Belmont St., Belmont, Mass.....	100
1UB	Pease, Reginald M.....	5 W. Park St., Providence, R. I.....	100
1MN	Pennell, Leon.....	69 N. Main St., Brockton, Mass.....	330
1KF	Pennypacker, Thomas R.....	Chatham, Mass.....	100
1UF	Perkins, Leonard M.....	335 Public St., Providence, R. I.....	250
1LQ	Perry, Willard H.....	Thompsons Isl., Boston Harbor, Mass.....	250
1OE	Porter, Ralph H.....	7 Randal St., Salem, Mass.....	250
1WO	Post, Harold D.....	131 Derby Ave., New Haven, Conn.....	100
1JS	Powers, Leonard S.....	431 Plymouth St., Carver, Mass.....	100
1JG.	Pratt, Fearing.....	120 Main St., Hingham, Mass.....	250

## AMATEUR RADIO STATIONS—FIRST DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call sign.	Owner of station.	Location of station.	Power. Watts.
1AN	Pratt, Rhama W. ....	Longfellow St., Westbrook, Me. ....	250
1IO	Pratt, Walter. ....	28 Summit St., Rockland, Mass. ....	100
1QM	Proulx, George H. ....	147 Pemberton St., Cambridge, Mass. ....	100
1PY	Pulley, Lester A. ....	33 Porter St., Melrose, Mass. ....	500
1MP	Pursell, Clarence V. ....	1257 Morton St., Dorchester, Mass. ....	250
1PZ	Ranlett, Frederick J., jr. ....	351 Central St., Auburndale, Mass. ....	100
1LR	Rawson, Homer E. ....	83 Brattle St., Cambridge, Mass. ....	500
1ON	Readio, George U. ....	58 Pearl St., Springfield, Mass. ....	1,000
1CQ	Reed, Coleman C. ....	672 Marlboro St., Keene, N. H. ....	100
1PO	Reed, Leslie S. ....	61 Chestnut St., New Bedford, Mass. ....	100
1BD	Reed, Sherman A. ....	19 Dunbar St., Keene, N. H. ....	500
1LA	Remington, Kenneth F. ....	747 High St., Fall River, Mass. ....	500
1JV	Reuther, Henry R. ....	15 Jewett St., Northampton, Mass. ....	250
1AR	Rich, Marion. ....	Cedar Ave., Bar Harbor, Me. ....	250
1PR	Richards, Fred J. ....	1060 Saratoga St., East Boston, Mass. ....	100
1KB	Richards, William T. ....	15 Follen St., Cambridge, Mass. ....	100
1IA	Richmond, Harold B. ....	12 George St., Medford, Mass. ....	250
1AS	Rocheleau, William H. ....	71 Church St., Westbrook, Me. ....	250
1WI	Rockefeller, Godfrey S. ....	Lake Ave., Greenwich, Conn. ....	500
1MR	Roddin, Thomas. ....	17 Bartlett Rd., Waverly, Mass. ....	250
1PQ	Rogers, Wallace B. ....	368 N. Main St., Natick, Mass. ....	100
1LS	Runey, Leon C. ....	49 Fairmont St., Belmont, Mass. ....	250
1HV	Ryan, James A. ....	13 Knowlton St., Somerville, Mass. ....	100
1OU	Ryer, Edwin D. ....	29 Gorham Ave., Brookline, Mass. ....	100
1MS	Sabin, G. C. ....	29 S. East St., Amherst, Mass. ....	1,000
1WX	Safranek, Jerry. ....	28 South St., South Norwalk, Conn. ....	15
1WT	Salzgeber, John W. ....	W. Main St., Ivoryton, Conn. ....	100
1TS	Sampson, Ross D. ....	627 Elmwood Ave., Providence, R. I. ....	365
1QB	Saunders, George B. ....	52 Francis St., Boston, Mass. ....	100
1WR	Sawtelle, Donald F. ....	122 Gilbert Ave., New Haven, Conn. ....	100
1LT	Scott, Ralph A. ....	952 Franklin St., Melrose Highlands, Mass. ....	250
1KS	Seabury, William II. ....	1056 Beacon St., Brookline, Mass. ....	250
1WQ	Seeley, Arthur P. ....	55 Pearl St., New Haven, Conn. ....	100
1OP	Sharpe, Floyd H. ....	260 Tinkham Ave., New Bedford, Mass. ....	250
1HS	Shattuck, Herbert. ....	1-A Lewis Pl., Roxbury, Mass. ....	100
1BN	Shaw, Raymond II. ....	10 E. Washington St., Rutland, Vt. ....	100
1AB	Sherman, Calvin A. ....	80 Camden St., Rockland, Me. ....	20
1VI	Slawson, Spencer W. ....	Brookside Drive, Greenwich, Conn. ....	100
1AD	Smith, Edward S. C. ....	58 South St., Biddeford, Me. ....	100
1GN	Smith, Malcolm H. ....	115 Prospect St., Gloucester, Mass. ....	250
1JF	Snow, Albert E. ....	30 Cary Ave., Chelsea, Mass. ....	500
1GA	Snow, Harold C. ....	41 Paradise Rd., Swampscott, Mass. ....	250
1JO	Snow, William B. ....	11 Devon Rd., Newton Center, Mass. ....	100
1IV	Snyder, William E. ....	36 Monument Ave., Charlestown, Mass. ....	100
1WM	Soules, Norman E. ....	244 Hickory St., Norwich, Conn. ....	500
1OV	Southwick, Francis B. ....	176 Waban Ave., Waban, Mass. ....	45
1QX	Spaulding, Ralph H. ....	14 Alberta Ter., Cambridge, Mass. ....	100
1MY	Spear, G. Dana. ....	32 Common St., Walpole, Mass. ....	750
1AO	Sprague, Philip L. ....	18 Brewer St., South Brewer, Me. ....	250
1IZ	St. James, Robert T. ....	38 Avery Lane, Great Barrington, Mass. ....	1,000
1QI	St. James, Vincent. ....	258 1st St., Pittsfield, Mass. ....	550
1OW	Stackhouse, Walter T. ....	755 Winthrop Ave., Revere, Mass. ....	100
1TU	Stackpole, Nelson B. ....	725 Mineral Spring Ave., Pawtucket, R. I. ....	250
1GK	Stanley, Lyman R. ....	52 Burrill St., Swampscott, Mass. ....	500
1IB	Stanyan, Starr W. ....	76 Boston Ave., West Medford, Mass. ....	200
1NM	Starkweather, John B. ....	17 Gibson Rd., Newtonville, Mass. ....	75
1AE	Sterling, George E. ....	28 Paine St., Springvale, Me. ....	100
1KA	Stickney, H. E. ....	25 Tufts Ave., Everett, Mass. ....	15
1OQ	Struthers, Francis W. ....	Townsend, Mass. ....	200
1AK	Tabbut, Arthur R. ....	6 South St., Bar Harbor, Me. ....	250

## AMATEUR RADIO STATIONS—FIRST DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
10X	Tarr, Mellville S. ....	45 Parker St., Chelsea, Mass. ....	100
1LU	Taylor, Frank J. ....	15 Orrin St., Cambridge, Mass. ....	250
1QD	Therrien, Arthur J. ....	37 Barrett St., Lynn, Mass. ....	20
1US	Thorndike, Don C. ....	303 Doric Ave., Cranston, R. I. ....	100
1TD	Tilley, Henry H., jr. ....	5 Dartmouth St., Newport, R. I. ....	100
1UP	Trainor, Francis J. ....	126 Summer St., Providence, R. I. (Classical High School).	300
1LV	Tufts, J. Warren. ....	11 Clarendon Ave., West Somerville, Mass. ....	250
1VG	Tucker, George W. ....	East Granby, Conn. ....	250
1UK	Tutin, Kenneth A. ....	312 Blackstone St., Woonsocket, R. I. ....	100
1WD	Tuska, Clarence D. ....	136 Oakland Ter., Hartford, Conn. ....	100
1MT	Tyler, Samuel F. ....	28 Sargent St., Newton, Mass. ....	25
1HU	Upton, Harry E. ....	18 Jackson Ave., Everett, Mass. ....	400
1LW	Van Brocklin, William S. ....	51 Oakland Rd., Brookline, Mass. ....	100
1NO	Varnum, George E. ....	47 Decatur St., Charlestown, Mass. ....	100
1QC	Wadsworth, Arthur G. ....	Eastham, Mass. ....	100
1VE	Walker, Alva S. ....	69 Dearfield Drive, Greenwich, Conn. ....	250
1AH	Ward, Donald G. ....	14 Orchard St., Portland, Me. ....	200
1NX	Ward, Talbot. ....	68 Oak St., Boston, Mass. ....	440
1TW	Watrous, Ralph C. ....	20 Diman Pl., Providence, R. I. ....	100
1VP	Weimann, Alfred F. ....	101 Cliff St., Shelton, Conn. ....	100
1GQ	Westbrook, Leon R. ....	41 11th Ave., Haverhill, Mass. ....	30
1GE	Wheeler, Fred L. ....	23 Mt. Vernon St., Cliftondale, Mass. ....	100
1MZ	White, Dallas E. ....	Boston Rd., Billerica, Mass. ....	500
1BE	White, Earle B. ....	R. F. D. No. 6, Belfast, Me. ....	100
1QW	White, Thomas C. ....	53 Perkins Ave., Malden, Mass. ....	20
1PD	Whittier, Ellerton W. ....	63 Terrace Ave., Winthrop, Mass. ....	250
1IW	Wilde, Phillips B. ....	Government St., Woods Hole, Mass. ....	100
1KN	Wilkinson, John E. ....	35 Malvey Ave., Fall River, Mass. ....	250
1PM	Wireless Society, Massachusetts Institute of Technology.	Stanhope St., and Trinity Pl., Boston, Mass.	500
1VW	Woodward, Raymond W. ....	14 Tremont St., Hartford, Conn. ....	125
1PS	Zahn, Edward G. ....	6 Atherton Pl., Roxbury, Mass. ....	12
1MD	Ziegler, Alfred A., jr. ....	36 Greenough Ave., Jamaica Plain, Mass. ....	250
1OY	Zwinge, Conrad J. ....	776 Winthrop Ave., Revere, Mass. ....	250

## ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
1AB	Brown, Philip T.	1AR	Rich, Marion.
1AC	Kennedy, Chester A.	1AS	Rocheleau, William H.
1AD	Smith, Edward S. C.	1AT	Lawford, Arthur H.
1AE	Sterling, George E.	1AU	Nash, Arthur F.
1AF	Hodgkins, Winfield C.	1AV	Sherman, Calvin A.
1AG	Hutchins, Ray.	1AW	Harden, Edward F.
1AH	Ward, Donald G.	1AX	Davies, Orel E.
1AI	Brown, Olin C.	1AY	Hatch, James F.
1AJ	Fabbri, Alessandro.	1AZ	Elkins, Ben T.
1AK	Tabbut, Arthur R.		
1AM	Butler, Guy W.	1BA	Fitts, Harold W.
1AN	Pratt, Rhama W.	1BC	Dimick, Leon R.
1AO	Sprague, Philip L.	1BD	Reed, Sherman A.
1AP	Norton, Edward L.	1BE	White, Earle B.
1AQ	Clafin, Harold M.	1BM	Copps, John L.

AMATEUR RADIO STATIONS—FIRST DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
1BN	Shaw, Raymond H.	1HY	Bennett, Lawrence S.
1BO	Canty, William R.	1HZ	Duncan, Harrie E.
1CM	McLane, Henry R.	1IA	Richmond, Harold B.
1CO	Atkins, Harry C.	1IB	Stanyan, Starr W.
1CP	Conrad, Philip W.	1IC	Keller, Adrian C.
1CQ	Reed, Coleman C.	1ID	Kehoe, Francis.
1CR	Howe, Reginald.	1IE	Bennett, William F., jr.
1CV	Nelson, Rufus L.	1IG	Patten, Ernest L. O.
1CW	Chase, Robert McC.	1IH	Fuller, Clarence C.
1CX	Parker, George H.	1IJ	Fassitt, Andrew J., jr.
1CY	Haselton, Page S.	1IK	Dallin, Edwin B.
1CZ	Bean, Harold W.	1IL	Dean, Samuel W.
		1IM	Conner, George W.
		1IN	Lamsen, Horatio W.
1GA	Snow, Harold C.	1IO	Pratt, Walter.
1GB	Blount, Henry G.	1IP	Leland, Harold B.
1GC	Chadwick, Gilbert L.	1IQ	Luey, Donald.
1GD	Lane, Frederic A.	1IR	Lewis, Minot W.
1GE	Wheeler, Fred L.	1IS	Leach, George F.
1GF	Fowler, F. Malcolm.	1IT	Barnes, Irving T.
1GH	Bibber, Harold.	1IU	Church, Arthur E.
1GI	Morse, Harold E.	1IV	Snyder, William E.
1GJ	Daniels, Richard M.	1IW	Wilde, Phillips B.
1GK	Stanley, Lyman R.	1IX	Ohlson, Olof.
1GL	Bush, Arthur W.	1IY	Baxter, Horace M.
1GM	Allen, J. Wyman.	1IZ	St. James, Robert T.
1GN	Smith, Malcolm H.		
1GO	Estey, F. Clifford.	1JA	Dimond, Fred A., jr.
1GP	James, Albert W.	1JB	Lord, Howland C.
1GQ	Westbrook, Leon R.	1JC	Fairbanks, Robert D.
1GS	Hardy, Wilbur H.	1JD	Collins, Lovejoy.
1GT	Loomis, Arthur T.	1JE	Hayward, Edward E., jr.
1GU	Bernardin, Leo A.	1JF	Snow, Albert E.
1GV	Gavill, Wilbur W.	1JG	Pratt, Fearing.
1GW	Haddock, Charles C.	1JH	Hubbard, Allen, jr.
		1JI	Lawrence, Milford R.
1HA	Allison, William H.	1JK	Franke, Alfred A.
1HB	Burgess, Warren B.	1JL	Gahm, Sebastian, jr.
1HC	Cheatham, Harry R.	1JM	Cheever, Walter G.
1HD	Canfield, Donald T.	1JN	Bruce, Arthur O.
1HE	Lynde, Kenneth R.	1JO	Snow, William B.
1HF	Gardner, Chester R.	1JP	Decker, Clarence.
1HG	Cogswell, George R.	1JQ	Hoffman, Frank E.
1HI	Burke, Alan W.	1JR	Delano, Edward C.
1HJ	Hunt, Albert M.	1JS	Powers, Leonard S.
1HK	Denison, Horace W.	1JT	Carlson, Arthur G.
1HL	Affel, Herman A.	1JU	Dane, Francis W.
1HM	Hammett, Herbert M.	1JV	Reuther, Henry R.
1HN	Flood, J. Frank J.	1JW	Long, John J.
1HO	Merrill, Clark B.	1JY	Herland, John N.
1HP	Cromack, N. G. N.	1JZ	Lanvuette, Kenneth H.
1HQ	Broadley, Harry R.		
1HR	Elliott, Thomas H., jr.	1KA	Stickney, H. E.
1HS	Shattuck, Herbert.	1KB	Richards, William T.
1HT	Anderson, James H.	1KC	Howe, Milton A.
1HU	Upton, Harry E.	1KD	David, Harold E.
1HV	Ryan, James A.	1KF	Pennypacker, Thomas R.
1HW	Munroe, Henry W. T.	1KG	Manning, Ralph K.
1HX	Leavitt, Elmer A.	1KI	Loring, Wilfred B.



## AMATEUR RADIO STATIONS—FIRST DISTRICT—ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
1KJ	Anderson, Arvid E.	1MY	Spear, G. Dana.
1KL	Edson, Allan W.	1MZ	White, Dallas E.
1KM	Meekin, William J.		
1KN	Wilkinson, John E.	1NA	Andonegui, Lane.
1KO	Bowen, Harold C.	1NB	Blanchard, Ralph N.
1KP	Justice, Francis C.	1NC	Ekwall, George O.
1KQ	Armstrong, James B.	1ND	Bellis, Clifford B.
1KR	Borden, Howard G.	1NE	Coleman, Benjamin B. B.
1KS	Seabury, William H.	1NF	Beecher, George E.
1KT	Benoit, Walter R.	1NG	Marshall, Stanley.
1KU	Bowen, Earl H.	1NK	Jennings, Charles E., jr.
1KV	Hurley, Albert V.	1NL	Curtis, Samuel, jr.
1KX	Batcheller, Arthur.	1NM	Starkweather, John B.
1KY	Bishop, Leon W.	1NO	Varnum, George E.
1KZ	Fiske, John.	1NP	Kiley, John T.
		1NQ	Getchell, Melvin D.
1LA	Remington, Kenneth F.	1NR	Gerrish, Kenneth B.
1LB	Blume, Carl T.	1NS	Hamilton, Edward P.
1LC	Bowen, Arthur N.	1NT	Lynch, John P.
1LE	Corney, Chester A.	1NU	Campbell, Harold G.
1LF	Beverly High School.	1NV	Mathews, Lloyd F.
1LG	Corey, Frank J.	1NW	McDermott, Joseph H.
1LH	Dickson, William E.	1NX	Ward, Talbot.
1LI	Eales, Malcolm A. L.	1NY	Lovis, Donald B.
1LJ	Fitch, Conover.	1NZ	Leutz, Charles R.
1LK	Haskins, Frederic C.		
1LM	King, Alexander R.	10A	Kenison, Arthur C.
1LN	Newton Technical High School.	10B	Kilton, James A., jr.
1LO	Donovan, Arthur B.	10C	Hill, Harold F.
1LP	Knight, Hugh C.	10D	Miller, Alden W.
1LQ	Perry, Willard H.	10E	Porter, Ralph H.
1LR	Rawson, Homer E.	10F	Eldredge, Clarence R.
1LS	Runey, Leon C.	10G	Florence, William E., jr.
1LT	Scott, Ralph A.	10H	Flanders, Fred F.
1LU	Taylor, Frank J.	10J	Howard, Charles S.
1LV	Tufts, J. Warren.	10K	Mackenzie, Roy G.
1LW	Van Brocklin, William S.	10L	Hinman, George W.
1LY	Moulton, Albert B.	10M	Payson, Gilbert R., jr.
1LZ	Murphy, Dudley B.	10N	Readio, George U.
		10P	Sharpe, Floyd H.
1MA	Anthony, Harvey M.	10Q	Struthers, Francis W.
1MB	Boudette, Clayton M.	10R	Boyden, Laurance E.
1MC	Baylies, Milton A.	10S	Copland, H. Depew.
1MD	Ziegler, Alfred A., jr.	10T	Heap, Sheldon S.
1ME	Angell, Otis P.	10U	Ryer, Edwin D.
1MH	Herrick, Sumner E.	10V	Southwick, Francis B.
1MI	Merrill, Donald F.	10W	Stackhouse, Walter T.
1MJ	Burdett, Roland E.	10X	Tarr, Melville S.
1MK	Johnson, Thurston A.	10Y	Zwinge, Conrad J.
1ML	Lyon, William H.	10Z	Baer, Louis F.
1MN	Pennell, Leon.		
1MO	Ostrander, Freeman K., jr.	1PA	Beckman, Carl W.
1MP	Pursell, Clarence V.	1PB	Bean, John E., jr.
1MR	Roddin, Thomas.	1PC	Drake, Ervin T., jr.
1MS	Sabin, G. C.	1PD	Whittier, Ellerton W.
1MT	Tyler, Samuel F.	1PE	Hitchcock, Frederick J.
1MU	Byers, John R.	1PF	Jerauld, Dorrance G.
1MV	Caldwell, George W.	1PG	Johnson, David E.
1MW	Linn, Harold W.	1PH	Jones, R. Warren.
1MX	Hathaway, Francis R.	1PI	Knight, Maurice E.

AMATEUR RADIO STATIONS—FIRST DISTRICT—ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
1PK	Loheed, William J., jr.	1UG	Bigelow, Fred C.
1PL	Oudin, C. Folger.	1UH	Handy, William R.
1PM	Wireless Society, Massachusetts Institute of Technology.	1UJ	Ashworth, Harry.
1PN	Briggs, Ralph E.	1UK	Tutin, Kenneth A.
1PO	Reed, Lesley S.	1UL	Bigelow, Clinton A.
1PQ	Rogers, Wallace B.	1UM	Miller, Bernard H.
1PR	Richards, Fred J.	1UN	Henry, William E.
1PS	Zahn, Edward G.	1UO	Doyle, John B.
1PT	Clayton, Henry C.	1UP	Trainor, Francis J.
1PU	Fearing, Sumner E.	1UQ	Barth, Karl E.
1PV	Folsom, Rolfe A.	1UR	Doherty, James E.
1PW	Crosby, Carlton.	1US	Thorndike, Don C.
1PX	Murphy, Harry J.	1UV	Monahan, Edward M.
1PY	Pulley, Lester A.	1UW	Nilson, Arthur R.
1PZ	Ranlett, Frederick J., jr.	1UX	Budlong, Clifton O.
1QA	Nyquist, Norman A.	1UY	Lippitt, Gorton T.
1QB	Saunders, George B.	1UZ	Homer, Arthur B.
1QC	Wadsworth, Arthur G.	1VA	Lewis, George B.
1QD	Therrien, Arthur J.	1VC	Langevin, Carl C.
1QE	Bruce, Edmond.	1VD	McPartland, Frank J.
1QF	Naah, Paul F.	1VE	Walker, Alva S.
1QG	Edmester, Earle C.	1VF	Mascare, Fred A.
1QH	Melvin, Arthur W.	1VG	Tucker, George W.
1QI	St. James, Vincent.	1VH	Hickmott, William J., jr.
1QJ	O'Brine, Daniel.	1VI	Slawson, Spencer W.
1QK	Black, William R.	1VJ	Cowles, George R.
1QL	Noyes, Ruseell.	1VK	Barnes, Howard M.
1QM	Proulx, George H.	1VL	Belknap, Edward L.
1QV	Heyman, Harry.	1VM	McGuire, William C.
1QW	White, Thomas C.	1VN	Green, Louis S.
1QX	Spaulding, Ralph H.	1VO	Haskell, Shirley G.
1QY	Linsert, Henry.	1VP	Weimann, Alfred F.
1QZ	Danehy, Edward J.	1VQ	Horsfall, George W.
1TC	Aerogram Club of Newport.	1VR	Jennings, John W.
1TD	Tilley, Henry H., jr.	1VW	Woodward, Raymond W.
1TF	Hodges, Duncan.	1WA	Bueb, John J., jr.
1TG	Manchester, Arthur W.	1WB	Barnum, Roland B.
1TH	Manuel, Lloyd.	1WC	Coleman, William F.
1TI	Horgan, T. Francis.	1WD	Tuska, Clarence D.
1TJ	Johnson, Alexander R.	1WE	Baldwin, James P.
1TK	Branigan, Hugh S. C.	1WF	McSweeney, Lawrence P.
1TL	Flint, Carl O.	1WH	Maxim, Hiram P.
1TM	Mason, Lion G.	1WI	Rockefeller, Godfrey S.
1TN	Mahoney, Charles J.	1WJ	Barrett, John H.
1TO	Newton, Raymond C.	1WK	Moore, David L.
1TP	Jensen, Leonard C.	1WL	Hubbard, George F.
1TQ	Medbery, Chester H.	1WM	Soules, Norman E.
1TR	Bazinet, Wilfred J.	1WN	Edwin Bancroft Foote Boys' Club.
1TS	Sampson, Ross D.	1WO	Post, Harold D.
1TU	Stackpole, Nelson B.	1WP	Cummings, Edward H.
1TV	Hale, Edward E.	1WQ	Seeley, Arthur P.
1TW	Watrous, Ralph C.	1WR	Sawtelle, Donald F.
1UA	Hargraves, Harold T.	1WS	Buffett, Salathiel.
1UB	Pease, Reginald M.	1WT	Salzgeber, John W.
1UC	Creaser, Isaiah.	1WU	Lucas, Orville W.
1UD	Donle, Harold P.	1WV	Blanke, Donald C.
1UE	Jette, George E.	1WX	Safranek, Jerry.
1UF	Perkins, Leonard M.	1WY	Hoggson, Wallace.
		1WZ	Davis, Maurice E.

## SECOND DISTRICT.

[Headquarters: Customhouse, New York, N. Y. The second district comprises the States of New York (county of New York, Staten Island, Long Island, and counties on the Hudson River to and including Schenectady, Albany, and Rensselaer) and New Jersey (counties of Bergen, Passaic, Essex, Union, Middlesex, Monmouth, Hudson, and Ocean).]

## ALPHABETICALLY BY OWNERS OF STATIONS.

Call signal.	Owner of station.	Location of station.	Power. Watts.
2TQ	Adams, E. William, jr....	392 Franklin St., Bloomfield, N. J.....	12
2LX	Adelphi College.....	St. James and Clifton Pl., Brooklyn, N. Y.....	500
2NA	Adickes, Ernest D.....	173 W. Ridgewood St., Ridgewood, N. J.....	770
2VQ	Agnoli, Justus J.....	16 Purvis St., Long Island City, N. Y.....	36
2VG	Ahrens, Harry E.....	794 Gravesend Ave., Brooklyn, N. Y.....	250
2US	Allstrom, F. Condit.....	46 Chestnut St., East Orange, N. J.....	9
2WI	Anderson, Robert N.....	353 Warburton Ave., Yonkers, N. Y.....	30
2MM	Apgar, Charles E.....	549 Carleton Rd., Westfield, N. J.....	450
2UR	Arany, Leo.....	973 Simpson St., New York, N. Y.....	500
2ME	Archibald, John O.....	428 Park Hill Ave., Yonkers, N. Y.....	440
2MR	Atwater, Frank G., jr.....	1562 E. 15th St., Brooklyn, N. Y.....	50
2CI	Austin, Edward.....	576 Pavonia Ave., Jersey City, N. J.....	30
2NY	Austrian, Ralph B.....	49 St. Nicholas Ter., New York, N. Y.....	450
2RW	Baily, Hobart W.....	Summer St., Harrison, N. Y.....	220
2UL	Baker, Alvah L.....	153 Manhattan Ave., New York, N. Y.....	250
2LU	Baker, William N.....	881 Montgomery St., Jersey City, N. J.....	20
2TG	Balfourt, John M.....	4 Regent St., Schenectady, N. Y.....	650
2GM	Ballard, J. Adams.....	73 Macon St., Brooklyn, N. Y.....	24
2BD	Banta, Theodore C.....	76 Walnut St., Ridgewood, N. J.....	16
2SN	Barnes, C. Everett.....	778 1st Ave., Upper Troy, N. Y.....	50
2WO	Barone, Salvatore A.....	343 E. 76th St., New York, N. Y.....	140
2BT	Barrett's School of Te- legraphy.	527 Cortlandt Ave., New York, N. Y.....	624
2PC	Barriette, Samuel L.....	1483 Bedford Ave., Brooklyn, N. Y.....	60
2GB	Bartlett, Bernard W.....	545 Westfield Ave., Westfield, N. J.....	500
2LF	Bartlett, Charles H.....	774 Jefferson Ave., Brooklyn, N. Y.....	12
2VP	Bartsch, Henry W.....	130 Cedar St., Kingston, N. Y.....	15
2CJ	Bathgate, Walter E.....	102 High St., Passaic, N. J.....	60
2EJ	Bechtloff, Claude B.....	106 Walnut St., Ridgewood, N. J.....	500
2KJ	Beebe, Lloyd S.....	1143 Albany St., Schenectady, N. Y.....	225
2MV	Bell, Arthur E.....	92 Elizabeth St., West New Brighton, N. Y.....	32
2WN	Beller, William A. G.....	588 Essex St., Brooklyn, N. Y.....	50
2LQ	Belt, Charles B.....	145 W. 57th St., New York, N. Y.....	100
2LL	Benedict, Alonzo R.....	Newburgh, N. Y.....	48
2TE	Bentzig, Victor H.....	165 Woodmere Pl., Richmond Hill, N. Y.....	20
2FU	Benzing, Herman.....	619 Fulton St., Elizabeth, N. J.....	30
2TO	Benzing, Jacob.....	625 Fulton St., Elizabeth, N. J.....	20
2PN	Berger, H. C. V. B.....	33 Pennington Ave., Passaic, N. J.....	36
2NU	Berglund, Edward A.....	484 45th St., Brooklyn, N. Y.....	16
2QS	Bernard, James L.....	1312 Ditmas Ave., Brooklyn, N. Y.....	8
2MS	Berri, Herbert.....	497 E. 17th St., Brooklyn, N. Y.....	500
2LB	Bertine, Edwin K.....	57 S. 2d Ave., Mt. Vernon, N. Y.....	220
2UK	Biggam, Henry C.....	53 W. 94th St., New York, N. Y.....	10
2QW	Birkmire, Harold.....	2190 Loring Pl., New York, N. Y.....	624
2FT	Bishop, Mortimer Z.....	568 W. 149th St., New York, N. Y.....	550
2PH	Blackburn, Godfrey C.....	146 Newburgh Ave., Fishkill-on-Hudson, N. Y.....	200
2QB	Blackford, Harold W.....	237 E. 2d St., Plainfield, N. J.....	250
2CR	Blauvelt, William M.....	198 Main St., Nyack, N. Y.....	340
2SP	Bleilevens, Gerhardt.....	318 33d St., Woodcliff on Hudson, N. J.....	500
2GI	Bockelmann, Charles F.....	1679 42d St., Brooklyn, N. Y.....	10
2JD	Boeder, Arthur R.....	3443 Duncomb Ave., New York, N. Y.....	1,000
2PY	Bogardus, Henry L.....	427 Bergen Ave., Jersey City, N. J.....	250
2TP	Bohn, William.....	1515 2d Ave., New York, N. Y.....	12
2VL	Bond, Arthur M.....	274 2d Ave., Newark, N. J.....	35

## AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
2UG	Bonduaux, Eugene L. . . . .	822 Hewitt Pl., New York, N. Y. . . . .	500
2UH	Boys' Wireless Club of Hackensack High School.	1st St., Hackensack, N. J. . . . .	90
2UD	Brainard, Edward S. . . . .	400 W. Franklin Ave., Ridgewood, N. J. . . . .	1, 000
2JH	Brown, David S., jr. . . . .	206 W. 86th St., New York, N. Y. . . . .	500
2VM	Brown, Philip T. . . . .	1808 Grand Concourse, New York, N. Y. . . . .	500
2KD	Browne, Walram S. . . . .	1565 E. 12th St., Brooklyn, N. Y. . . . .	1, 000
2VD	Bruell, Joseph P. . . . .	69 S. Lexington Ave., White Plains, N. Y. . . . .	880
2AU	Bryan, Chester W. . . . .	79 Elm St., Montclair, N. J. . . . .	32
2AF	Bryant, Marquis V. . . . .	6 S. Highland Ave., Nyack, N. Y. . . . .	580
2MH	Buchanan, William F. . . . .	128 Market St., Perth Amboy, N. J. . . . .	24
2NN	Buck, David E. . . . .	42 Grant Ave., Kearney, N. J. . . . .	30
2CT	Bunn, Milo B. . . . .	110 Rockland Ave., Yonkers, N. Y. . . . .	250
2NL	Burnett, Walter J. . . . .	20 Chestnut St., Ridgewood, N. J. . . . .	100
2HK	Burrows, Henry P. . . . .	1415 55th St., Brooklyn, N. Y. . . . .	24
2WK	Caggiano, Carmine J. . . . .	245 Pacific St., Brooklyn, N. Y. . . . .	12
2RL	Camp, Victor F. . . . .	Plymouth Ave., Brightwaters, N. Y. . . . .	1, 000
2ES	Campbell, Robert, jr. . . . .	117 Marshall St., Elizabeth, N. J. . . . .	180
2SX	Cannon, George C. . . . .	183 Drake Ave., New Rochelle, N. Y. . . . .	1, 000
2RD	Carey, Stephen W., 3d. . . . .	Luddington Rd., West Orange, N. J. . . . .	72
2PA	Carman, Newton I. . . . .	218 Church St., Hempstead, N. Y. . . . .	880
2TS	Carpenter, Ferris G. . . . .	57 Cedar St., Ridgefield Park, N. J. . . . .	24
2MN	Carrougher, Vivian A. . . . .	805 Ocean Ave., Brooklyn, N. Y. . . . .	3
2QK	Caskey, Kenneth B. . . . .	415 Fort Washington Ave., New York, N. Y.	250
2HR	Chandler, Arthur C. . . . .	2141 Pacific St., Brooklyn, N. Y. . . . .	200
2VN	Charles, Chester A. . . . .	629 Springdale Ave., East Orange, N. J. . . . .	40
2FE	Cheel, Harold W. . . . .	35 Corsa Ter., Ridgewood, N. J. . . . .	495
2DS	Clark, Le Roy . . . . .	Chestnut St., Englewood, N. J. . . . .	880
2FO	Clark, William C. . . . .	91 4th Ave., Brooklyn, N. Y. . . . .	500
2SV	Clarke, Frederick D. . . . .	558 W. 165th St., New York, N. Y. . . . .	250
2IJ	Cochran, Alexander . . . . .	256 Sterling Pl., Brooklyn, N. Y. . . . .	25
2OG	Cockaday, Lawrence M. . . . .	227 Audubon Ave., New York, N. Y. . . . .	250
2LO	Coffin, Russell S. . . . .	1102 St. Johns Pl., Brooklyn, N. Y. . . . .	24
2PS	Cohen, Samuel . . . . .	242 Hinsdale St., Brooklyn, N. Y. . . . .	24
2OS	Cohen, Walter . . . . .	2071 5th Ave., New York, N. Y. . . . .	440
2TZ	Collins, Frank J. . . . .	22 Cedar St., Yonkers, N. Y. . . . .	40
2RT	Collinson, Jesse G. . . . .	65 Cherry St., West Orange, N. J. . . . .	24
2KN	Collison, Percy B. . . . .	172 Maple St., Brooklyn, N. Y. . . . .	500
2TM	Collymore, Errold D. . . . .	227 W. 63d St., New York, N. Y. . . . .	30
2SC	Constant, S. Victor . . . . .	Hillside Drive, Yonkers, N. Y. . . . .	12
2DR	Cooper, Telfer C. . . . .	260 Garfield Ave., Jersey City, N. J. . . . .	440
2HF	Coote, Charles W. . . . .	240 Audubon Ave., New York, N. Y. . . . .	250
2SD	Coperaito, Michael . . . . .	942 Atlantic Ave., Brooklyn, N. Y. . . . .	36
2AQ	Corson, David N. . . . .	51 Berkeley Ave., Newark, N. J. . . . .	300
2LD	Cotter, William F. . . . .	68 Oakland Ave., Jersey City, N. J. . . . .	24
2VK	Covert, James D. . . . .	40 Glenwood Rd., Upper Montclair, N. J. . . . .	300
2RI	Cowper, Norman C. . . . .	Merrick Rd., Lynbrook, N. Y. . . . .	1, 000
2MW	Crichton, Arthur M. . . . .	139 Washington Ave., Rutherford, N. J. . . . .	1, 000
2EM	Crosby, Roy C. . . . .	211 W. 148th St., New York, N. Y. . . . .	30
2DN	Cullen, Edward R. . . . .	626 45th St., Brooklyn, N. Y. . . . .	54
2DI	Cyriax, Ernest A. . . . .	219 E. 71st St., New York, N. Y. . . . .	30
2GG	Dahlgren, Birger A. . . . .	1652 41st St., Brooklyn, N. Y. . . . .	18
2AD	Dammers, Albert. . . . .	145 Newell Ave., Rutherford, N. J. . . . .	1, 000
2QH	Davies, Richard J., jr. . . . .	334 4th St., Union Hill, N. J. . . . .	1, 000
2KK	Day, Howard B. . . . .	555 Mountain Ave., Westfield, N. J. . . . .	1, 000
2OD	Debuchy, Edmund A. . . . .	591a Summit Ave., West Hoboken, N. J. . . . .	15
2VS	Decker, Ralph W. E. . . . .	7 Odell Ave., White Plains, N. Y. . . . .	1, 000

## AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. <i>Watts.</i>
2JX	De Cortin, Gustav A. . . . .	16 Elm St., Mt. Vernon, N. Y. . . . .	30
2HH	Dederick, H. C. . . . .	46 N. 5th St., Hudson, N. Y. . . . .	72
2TL	de Forest, Edward L., jr. . . . .	Hilton Ave., Garden City, N. Y. . . . .	30
2SY	De Long, Oscar A., jr. . . . .	160 N. Mountain Ave., Montclair, N. J. . . . .	50
2AS	De Yoe, Willard L. . . . .	689 Broadway St., Paterson, N. J. . . . .	250
2UT	Dick, Benjamin S. . . . .	Mt. Pleasant Academy, Ossining, N. Y. . . . .	75
2TC	Dickenson, Henry E. . . . .	73 Greenridge Ave., White Plains, N. Y. . . . .	330
2CN	Dickey, Edward T. . . . .	1649 Amsterdam Ave., New York, N. Y. . . . .	220
2VY	Diehl, John F. . . . .	311 3d Ave., New York, N. Y. . . . .	30
2CQ	Dilg, A. Norman. . . . .	Amboy Rd., Tottenville, N. Y. . . . .	30
2UV	Dimmick, James N. . . . .	Babylon, N. Y. . . . .	12
2RO	Dodds, Andrew C. . . . .	132 S. Swan St., Albany, N. Y. . . . .	18
2EU	Droste, George T. . . . .	1309 Pugsley Ave., New York, N. Y. . . . .	210
2OZ	Dufford, John S. . . . .	615 S. 20th St., Newark, N. J. . . . .	18
2IY	Dugan, Edward W. . . . .	631 Jersey Ave., Jersey City, N. J. . . . .	15
2TN	Dunham, Clarence L. . . . .	250 Woodlawn Ave., Jersey City, N. J. . . . .	300
2LM	Dunn, Laurence J. . . . .	769 Dawson St., New York, N. Y. . . . .	8
2QN	Dwyer, Martin J., jr. . . . .	3800 Broadway, New York, N. Y. . . . .	500
2PR	Dynner, Eugene. . . . .	207 26th St., Guttenberg, N. J. . . . .	550
2RG	Earle, William P., jr. . . . .	Mamaroneck Rd., White Plains, N. Y. . . . .	500
2AI	Eber, John G. . . . .	5505 3d Ave., Brooklyn, N. Y. . . . .	30
2AJ	Eckley, Harold J. . . . .	Beechmont Pk., New Rochelle, N. Y. . . . .	27
2PG	Eckstein, William J. . . . .	35 W. 177th St., New York, N. Y. . . . .	500
2JI	Eddy, Leonard E. . . . .	295 Hackensack Rd., Ridgefield Park, N. J. . . . .	30
2AH	Edelman, Abraham. . . . .	952 Liggett Ave., New York, N. Y. . . . .	500
2KQ	Edwards, Harry M., jr. . . . .	314 Ridgewood Ave., Glen Ridge, N. J. . . . .	24
2LE	Egolf, Richard S. . . . .	1052 41st St., Brooklyn, N. Y. . . . .	30
2IQ	Elliott, Paul C. . . . .	162 E. 66th St., New York, N. Y. . . . .	250
2UB	Emory, John M. G. . . . .	3d St., Garden City, N. Y. . . . .	10
2VH	Engelder, Eberhardt E. . . . .	234 Garden St., Hoboken, N. J. . . . .	20
2ET	England, George B. . . . .	917 St. Nicholas Ave., New York, N. Y. . . . .	432
2OC	Erasmus Hall High School. . . . .	Flatbush Ave., Brooklyn, N. Y. . . . .	250
2UF	Evans, Arthur F. . . . .	246 Emerson Pl., Brooklyn, N. Y. . . . .	12
2PI	Evans, Clarence L. . . . .	176 S. 11th St., Newark, N. J. . . . .	1,000
2GX	Fallon, Harry A., jr. . . . .	555 W. 148th St., New York, N. Y. . . . .	48
2GD	Farquharson, John S. . . . .	540 W. 158th St., New York, N. Y. . . . .	280
2AK	Ferris, Howard E. . . . .	665 Franklin Ave., Nutley, N. J. . . . .	24
2SS	Fitler, Eugene B., jr. . . . .	40 W. 129th St., New York, N. Y. . . . .	30
2DD	Fitzgerald, Gordon P. . . . .	611 W. 141st St., New York, N. Y. . . . .	250
2AA	Flagg, John H. . . . .	316 Lookout Ave., Hackensack, N. J. . . . .	21
2VU	Flandreaux, Cyrus. . . . .	1425 Park St., Peekskill, N. Y. . . . .	800
2WB	Fogetti, Howard J. . . . .	7421 Narrows Ave., New York, N. Y. . . . .	36
2OI	Folks, Leslie E. . . . .	410 E. 155th St., New York, N. Y. . . . .	24
2TB	Ford, Everett J. . . . .	431 Bramhall Ave., Jersey City, N. J. . . . .	12
2QC	Ford, Fullerton. . . . .	215 Winthrop St., Brooklyn, N. Y. . . . .	18
2IR	Foulke, J. Brion, jr. . . . .	Babylon, N. Y. . . . .	20
2WM	Fowler, Jack B. . . . .	676 Lincoln Pl., Brooklyn, N. Y. . . . .	12
2OB	Fox, Loyal S. . . . .	4706 4th Ave., Brooklyn, N. Y. . . . .	64
2KM	Francis, Charles E. . . . .	1662 70th St., Brooklyn, N. Y. . . . .	18
2WS	Francis, Leo A. . . . .	102 Maple Ave., Port Richmond, N. Y. . . . .	30
2IZ	Fraser, Frank. . . . .	352 Archer St., Freeport, N. Y. . . . .	350
2VZ	Frederick, G. Bentley. . . . .	112 Mason St., Schenectady, N. Y. . . . .	300
2JN	Freeland, Wilbur W. . . . .	34 Baldwin Ave., Newark, N. J. . . . .	550
2VY	French, Edward. . . . .	1216 Lincoln Ter., Peekskill, N. Y. . . . .	16
2JF	Frey, Anthony C. . . . .	370 E. 153d St., New York, N. Y. . . . .	8
2KE	Frey, George. . . . .	155 W. 80th St., New York, N. Y. . . . .	36
2PE	Fritch, Vincent J. . . . .	939 College Ave., New York, N. Y. . . . .	16

## AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. <i>Watts.</i>
2VJ	Furman, Robert S. ....	Park Ave., Bay Shore, N. Y. ....	60
2GF	Gabrielson, Henry M. ....	230 53d St., Brooklyn, N. Y. ....	60
2QG	Gale, Rowland A. ....	540 W. 158th St., New York, N. Y. ....	156
2LT	Galvin, Lee R. ....	193 Fairview Ave., Jersey City, N. J. ....	18
2UP	Gannon, J. Kimball. ....	517 Park St., Upper Montclair, N. J. ....	30
2VR	Gassaway, Julian L. ....	Bay 8th St. and Bath Ave., Brooklyn, N. Y. ....	24
2VB	Gerlach, Adolph J. ....	769 E. 218th St., Williams Bridge, N. Y. ....	12
2DO	Gerrity, John J. ....	538 Ocean Ave., Jersey City, N. J. ....	330
2AY	Gittelbauer, Frederick. ....	38 Vreeland St., East Rutherford, N. J. ....	500
2TV	Glenn, George. ....	251 E. 236th St., New York, N. Y. ....	300
2JU	Goette, C. J. ....	1256 Hatch Ave., Woodhaven, N. Y. ....	500
2UN	Graham, Malcolm. ....	4 Overlook Ave., Ridgewood, N. J. ....	1,000
2PV	Grebe, Alfred H. ....	10 Van Wyck Ave., Richmond Hill, N. Y. ....	1,000
2BK	Green, Adoniram J. ....	73 Paterson St., Paterson, N. J. ....	60
2QQ	Green, Irving W. ....	85 Clerk St., Jersey City, N. J. ....	20
2LP	Green, Raymond J. ....	1352 St. Nicholas Ave., New York, N. Y. ....	18
2SR	Greenlees, William. ....	3762 Barnes Ave., Williams Bridge, N. Y. ....	1,000
2KL	Gregory, Arthur V. ....	197 High St., Perth Amboy, N. J. ....	250
2BN	Griswold, Edmund J. ....	R. F. D., Slingerlands, N. Y. ....	30
2AT	Guild, Baldwin. ....	495 Mount Prospect Ave., Newark, N. J. ....	30
2UH	Hackensack High School (Boys' Wireless Club). ....	Hackensack, N. J. ....	90
2HJ	Hadden, Weston. ....	1716 Albermarle Rd., Brooklyn, N. Y. ....	460
2AM	Haeselbarth, Percy. ....	54 Catherine St., Nyack, N. Y. ....	36
2PB	Haight, Russell P. ....	31 Overlook Ave., West Orange, N. J. ....	200
2MA	Hallenbeck, Charles. ....	959 55th St., Brooklyn, N. Y. ....	24
2UQ	Hallett, E. Douglas. ....	86 Prospect Pl., Rutherford, N. J. ....	30
2EV	Hallock, Charles S. ....	Foot of 57th St., Brooklyn, N. Y. ....	495
2PX	Hamilton, Albert G., jr. ....	Beach Ave., Larchmont, N. Y. ....	250
2EW	Hamilton, Joseph E. ....	16 W. Broadway, Port Chester, N. Y. ....	30
2FK	Hamilton, Ralph. ....	358 Willet Ave., Port Chester, N. Y. ....	30
2OA	Hammond, Lester. ....	35 W. 61st St., New York, N. Y. ....	24
2AE	Happe, William H. ....	566 W. 162d St., New York, N. Y. ....	108
2FQ	Hardwick, Ambrose H. ....	224 Oakwood Ave., Orange, N. J. ....	1,000
2FZ	Harris, Charles C. ....	Elliott Pl., Freeport, N. Y. ....	250
2AC	Hart, Gifford R. ....	34 Douglas Rd., Glen Ridge, N. J. ....	30
2FY	Hartman, Robert. ....	371 Wadsworth Ave., New York, N. Y. ....	250
2DV	Hathaway, Harry C. B. ....	20 Erie Pl., Nutley, N. J. ....	72
2SM	Hatry, William B. ....	71 Orange St., Brooklyn, N. Y. ....	30
2BM	Heermance, Earle. ....	523 State St., Hudson, N. Y. ....	200
2MX	Heffernan, William J. ....	105 Bay 10th St., Brooklyn, N. Y. ....	15
2FJ	Helwig, Herman F. ....	711 E. 18th St., Brooklyn, N. Y. ....	250
2MU	Hengerer, Howard B. ....	441 Fort Washington Ave., New York, N. Y. ....	50
2WE	Heydon, Albert R. ....	403 Decatur St., Brooklyn, N. Y. ....	24
2UO	Heyer, Benjamin W. ....	45 N. Fullerton Ave., Montclair, N. J. ....	440
2DG	Higgs, Harry Y. ....	30 Irving Pl., Brooklyn, N. Y. ....	12
2DK	Hill, William S. ....	332 Rector St., Perth Amboy, N. J. ....	48
2NS	Hoffman, Paul J. ....	1688 2d Ave., New York, N. Y. ....	30
2RA	Hollman, Theodore. ....	678 Marcy Ave., Brooklyn, N. Y. ....	25
2NF	Homan, Eber J. ....	336 52d St., Brooklyn, N. Y. ....	30
2LY	Hoover, Raymond. ....	171 Ridgewood Ave., Newark, N. J. ....	250
2MF	Hoppock, Allen H. ....	215 Clark St., Westfield, N. J. ....	500
2RK	Horle, Lawrence C. F. ....	142 Fairmount Ave., Newark, N. J. ....	1,000
2NH	Horn, Charles W. ....	Broadway, Far Rockaway, N. Y. ....	250
2HU	Hotchkiss, Grosvenor. ....	146 Halsey St., Brooklyn, N. Y. ....	30
2II	Howell, Walter J. ....	135 Edgcombe Ave., New York, N. Y. ....	60
2UE	Hoyt, William L. ....	Hilton Ave., Garden City, N. Y. ....	30
2GK	Hubbard, John W. ....	327 King St., Port Chester, N. Y. ....	550

## AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal	Owner of station.	Location of station.	Power. Watts.
2VA	Huested, William P.	Delmar, N. Y.	240
2EG	Hurd, John B.	Tilton Ave., Red Bank, N. J.	250
2EF	Hurd, Theodore.	Tilton Ave., Red Bank, N. J.	24
2QT	Hynds, Arthur E.	4920 6th Ave., Brooklyn, N. Y.	16
2UJ	Innes, Richard C.	343 W. 29th St., New York, N. Y.	60
2GU	Inwright, John A.	400-A Fairmount Ave., Jersey City, N. J.	9
2NQ	Isaacson, Charles B.	48 W. 89th St., New York, N. Y.	660
2EX	Jackson, Benjamin B.	188 Montross Ave., Rutherford, N. J.	165
2EE	Jacobs, Charles F.	279 Park Pl., Brooklyn, N. Y.	40
2QY	Jacobson, Walter H.	172 Rector St., Perth Amboy, N. J.	12
2RR	Johnson, John A.	1026 2d Ave., New York, N. Y.	20
2VC	Johnson, Theophilus, jr.	17 3d St., Woodside, N. Y.	48
2RV	Johnson, W. Eugene	Grant Ave., East Rockaway, N. Y.	20
2SO	Johnston, James E.	1379 Clay Ave., New York, N. Y.	50
2OY	Jones, Frank.	181½ Brunswick St., Newark, N. J.	24
2AO	Jones, Robert O.	237 Newark Ave., Bloomfield, N. J.	32
2RU	Jordon, Fletcher.	Ryder Ave., Lynbrook, N. Y.	25
2DC	Kahn, Walter A.	136 Stuyvesant Pl., New York, N. Y.	24
2BC	Kaltenbach, Henry J., jr.	150 Alta Ave., Yonkers, N. Y.	65
2VT	Kayser, Herbert.	41 Convent Ave., New York, N. Y.	800
2WA	Keers, John K.	224 81st St., Brooklyn, N. Y.	36
2QX	Keller, George C.	2181 Richmond Turnpike, Port Richmond, N. Y.	40
2BY	Keller, Julius F.	36 Ocean Ave., Edgewater, N. Y.	30
2ON	Kellow, James C.	144 Liberty Ave., Jamaica, N. Y.	550
2GH	Kelting, Clarence A.	1469 53d St., Brooklyn, N. Y.	27
2QD	King, Wendell W.	778 1st Ave., Upper Troy, N. Y.	50
2QA	Kinney, E. M.	212 Parkwood Blvd., Schenectady, N. Y.	200
2BL	Kirch, George, jr.	364 75th St., Brooklyn, N. Y.	24
2FI	Kirkpatrick, Louis W.	317 6th Ave., Newark, N. J.	12
2SZ	Kissick, Robert G.	199 Lincoln Pl., Brooklyn, N. Y.	50
2TW	Knight, Alexander H.	873 E. 162d St., New York, N. Y.	60
2VF	Koch, Edward.	168 Willis Ave., New York, N. Y.	20
2NP	Koenig, George F.	4279 Webster Ave., New York, N. Y.	250
2SF	Kollock, Alan S.	4197 University Pl., Woodhaven, N. Y.	36
2QM	Koukol, Edwin P.	436 W. 23d St., New York, N. Y.	28
2BR	Krech, Karl G.	316 Godwin Ave., Midland Park, N. J.	495
2SQ	Kreeft, Raymond A.	61 Cherry St., West Orange, N. J.	30
2KA	Kroener, Christian E.	115 Watchung Ave., Plainfield, N. J.	270
2PU	Lally, Joseph F.	16 Short St., Coytesville, N. J.	30
2HX	Lane, David M.	343 9th St., Jersey City, N. J.	24
2OH	Lang, Ernest.	411 Spring St., West Hoboken, N. J.	30
2UC	Lange, William H.	280 7th Ave., Brooklyn, N. Y.	300
2WD	Lasher, Charles E.	253 Decatur St., Brooklyn, N. Y.	24
2KR	Lebowitz, Samuel.	270 Riverside Drive, New York, N. Y.	450
2TU	Lee, Robert J. B.	1530 McCormick Ave., Ozone Park, N. Y.	550
2MT	Leeb, Henry L.	166 Ralston Ave., South Orange, N. J.	660
2NB	Le Gallez, Clayton B.	974 Madison Ave., Albany, N. Y.	385
2FL	Lehmann, August, jr.	1520 56th St., Brooklyn, N. Y.	35
2WG	Lemkie, Harry A.	30 Delaware St., Elizabeth, N. J.	500
2IE	Lemmon, Walter S.	319 W. 94th St., New York, N. Y.	420
2SI	Le Queene, C. A., jr.	240 90th St., Brooklyn, N. Y.	48
2CA	Liedecker, Morris.	40 St. Nicholas Pl., New York, N. Y.	400
2PL	Lindsay, Daniel E.	501 W. 120th St., New York, N. Y.	36
2IV	Lindsay, Russell.	39 N. 16th St., East Orange, N. J.	30
2OV	Littlefield, Charles E.	2662 E. 24th St., Sheephead Bay, N. Y.	12
2VI	Loub, Arthur F.	445 E. 88th St., New York, N. Y.	48
2SA	Lowitz, Donald J.	1307 Union St., Brooklyn, N. Y.	220
2BZ	Lyman, C. Glenn.	George and Cooper Sts., Babylon, N. Y.	10

AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call sign.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
2HO	Lyons, William B. ....	Broad St., Bloomfield, N. J. ....	820
2HT	Macartney, George E. ....	473 Prospect Pl., Brooklyn, N. Y. ....	24
2FW	MacPherson, Claude V. ....	557 W. 144th St., New York, N. Y. ....	440
2OM	Maher, Frank A. ....	207 E. 158th St., New York, N. Y. ....	6
2UA	Mann, Samuel. ....	120 W. 4th St., Plainfield, N. J. ....	33
2QE	Manley, Lee L. ....	788 Park Pl., Brooklyn, N. Y. ....	50
2PP	Manvell, Edwin H. ....	289 Evergreen Ave., Brooklyn, N. Y. ....	18
2OX	Mardon, F. Herbert. ....	1309 West Farms Rd., New York, N. Y. ....	20
2GL	Marshall, Richard E. ....	238 Westchester Ave., Port Chester, N. Y. ....	550
2SG	May, Fred. ....	143 High St., Montclair, N. J. ....	12
2TD	Mayer, Arthur C. ....	319 W. 139th St., New York, N. Y. ....	220
2HP	Mayhew, B. Alan, jr. ....	Laurel Ave., Tenafly, N. J. ....	1,000
2WR	Mayhew, H. Clifford. ....	346 Main St., New Rochelle, N. Y. ....	18
2VX	McCarthy, George W. ....	1012 Sutter Ave., Brooklyn, N. Y. ....	24
2IL	McClintock, George C. ....	319 Dudley Ave., Westfield, N. J. ....	250
2KP	McClure, Donald. ....	11 Rudd Court, Glen Ridge, N. J. ....	48
2HA	McCoy, Daniel. ....	45 Lee Ave., Yonkers, N. Y. ....	1,000
2DF	McIntire, Meylert A. ....	1127 Ave. G, Brooklyn, N. Y. ....	250
2RQ	McKinney, Donald B. ....	Borthwick Ave., Delmar, N. Y. ....	500
2EY	McKinney, Fred J. ....	300 Glenwood Ave., Bloomfield, N. J. ....	54
2LG	McLaughlin, Fred L. ....	242 Nostrand Ave., New York, N. Y. ....	90
2KY	McLoughlin, Robert J. ....	105 Francisco Ave., Rutherford, N. J. ....	190
2SH	McQuaide, James P. ....	Larchmont Gardens, Larchmont, N. Y. ....	880
2LI	Meacham, Fredk. C., jr. ....	236 Decatur St., Brooklyn, N. Y. ....	72
2EP	Mead, George S. V. ....	12 Archer Ave., Mt. Vernon, N. Y. ....	330
2NV	Meder, George C. ....	990 1st Ave., New York, N. Y. ....	550
2NX	Mehrbrey, William. ....	2244 Hughes Ave., New York, N. Y. ....	4
2OF	Meinecke, Ernest. ....	27 Zabriskie St., Jersey City, N. J. ....	20
2SL	Merrill, J. Stewart. ....	Roosevelt St., Lynbrook, N. Y. ....	1,000
2NO	Merritt, Frank. ....	28 Spring St., Red Bank, N. J. ....	350
2QZ	Meyer, Charles A. ....	Fair Haven, N. J. ....	36
2EL	Meyer, William E. ....	181 W. 63d St., New York, N. Y. ....	81
2LA	Miller, Frederick R. ....	42 John St., Englewood, N. J. ....	24
2JK	Mitchell, Arthur M. ....	299 N. 7th St., Newark, N. J. ....	48
2TI	Mitchell, Everitt. ....	7 S. Bayles St., Port Washington, N. Y. ....	270
2NI	Moles, Charles E. ....	229 Valentine Lane, Yonkers, N. Y. ....	135
2PQ	Monsen, Hans S. ....	583 Riverside Drive, New York, N. Y. ....	250
2WU	Moore, H. Atherton. ....	95 Prospect St., Nutley, N. J. ....	1,000
2BI	Morgan, Waller V. ....	149 Urban St., Mt. Vernon, N. Y. ....	24
2CO	Morrell, W. Frank. ....	Broadway and 1st St., Keyport, N. J. ....	500
2MI	Morris, Earle S. ....	1192 Dean St., Brooklyn, N. Y. ....	500
2MY	Morris, Robert. ....	149 W. 88th St., New York, N. Y. ....	8
2LN	Morrison, Clifford P. ....	365 Warburton Ave., Yonkers, N. Y. ....	400
2PO	Mott, Harold. ....	67 Mott Ave., Far Rockaway, N. Y. ....	55
2BG	Mowton, Edward M. ....	70 Hillcrest Ave., Yonkers, N. Y. ....	275
2AG	Mulford, Harold C. ....	6 Weekes Ave., Oyster Bay, N. Y. ....	440
2SK	Murray, Charles. ....	Long Hill Rd., Little Falls, N. J. ....	250
2KX	Noble, Kendrick. ....	441 N. Broadway, Yonkers, N. Y. ....	300
2WF	Nolan, Frank J. ....	100 Linden Ave., Bloomfield, N. J. ....	18
2OL	O'Brien, Laurence J. ....	285 E. 157th St., New York, N. Y. ....	250
2CK	O'Brien, Thomas. ....	7 Nassau Ave., Freeport, N. Y. ....	250
2HS	O'Mara, Edward F. ....	134 W. 66th St., New York, N. Y. ....	12
2QU	Osborne, J. Spencer. ....	45 Broad St., Newark, N. J. ....	6
2MO	Ostman, Frederick B. ....	33 Edwards St., Ridgewood, N. J. ....	40
2PK	Otten, G. C. ....	58 Chichester Ave., Jamaica, N. Y. ....	12
2RE	Pacent, L. Gerard. ....	218 Young St., Blissville, N. Y. ....	24
2NK	Palm, J. Adam. ....	18 14th Ave., Mt. Vernon, N. Y. ....	30
2DY	Palmer, Corydon. ....	48 W. 50th St., New York, N. Y. ....	880
2CU	Palm/land, Philip. ....	1144 St. Johns Pl., Brooklyn, N. Y. ....	30



## AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
2FB	Pareis, Robert.....	149 Marshall St., Elizabeth, N. J.....	12
2TT	Pattison, Edward H.....	21 Locust Ave., Troy, N. Y.....	160
2AZ	Pearl, Eugene S.....	307 Gregory Ave., Passaic, N. J.....	500
2WH	Pearsall, Arthur R.....	197 Warburton Ave., Yonkers, N. Y.....	30
2MP	Pearsall, William E.....	226 Moffat St., Brooklyn, N. Y.....	30
2BS	Pearson, Herbert B.....	997 Sterling Pl., Brooklyn, N. Y.....	440
2TF	Pearson, James W.....	9 North End Ter., Newark, N. J.....	24
2GO	Peltier, Paul D.....	345 W. 70th St., New York, N. Y.....	30
2TY	Pendleton, Archibald F.....	49 Pendleton Pl., New Brighton, N. Y.....	1,000
2MD	Pendleton, Harold A.....	799 Quincy St., Brooklyn, N. Y.....	16
2FM	Perkins, William P.....	35 Grant Ave., Yonkers, N. Y.....	24
2HG	Peters, Frank J.....	Broad St., Bloomfield, N. J.....	715
2FA	Pfeifer, Clarence H.....	306 Prospect St., Ridgewood, N. J.....	250
2NZ	Pfeil, A. Leslie.....	242 Cottage St., Irvington, N. J.....	325
2WJ	Pfomm, George M.....	1829 Topping Ave., New York, N. Y.....	30
2UX	Phelan, Charles W.....	61 Powell Ave., Rockville Center, N. Y.....	60
2BP	Phipps, Donald A.....	Oyster Bay, N. Y.....	165
2RX	Picken, James C., jr.....	2287 University Ave., New York, N. Y.....	500
2GZ	Plate, Fred W.....	91 Van Reypen St., Jersey City, N. J.....	36
2KW	Plummer, James A.....	340 Orient Way, Rutherford, N. J.....	30
2CZ	Poe, Vergil C.....	862 Sterling Pl., Brooklyn, N. Y.....	30
2UM	Poling, Russell H.....	Beers St., Keyport, N. J.....	500
2WC	Pollock, J. Millard.....	34 Clifton Pl., Brooklyn, N. Y.....	30
2PF	Pope, Frederick B.....	24 Carrol St., Yonkers, N. Y.....	500
2RJ	Porter, Charles A.....	1700 Ditmas Ave., Brooklyn, N. Y.....	25
2OP	Prendergast, Robert M.....	174 4th St., Union Course, N. Y.....	500
2DL	Price, Henry S.....	435 Clinton Ave., Brooklyn, N. Y.....	500
2CD	Prosser, Roger D.....	Chestnut St., Englewood, N. J.....	30
2EI	Quick, Henry C.....	471 75th St., Brooklyn, N. Y.....	500
2ML	Quinby, E. Jay.....	Aqueduct Ave. and Fordham Rd., New York, N. Y.....	250
2QL	Rabi, Isidor.....	481 Hopkinson Ave., New York, N. Y.....	24
2TK	Randolph, Randolph A.....	558 W. 165th St., New York, N. Y.....	250
2HC	Raqué, Carl P.....	82 Booraem Ave., Jersey City, N. J.....	330
2RH	Reiss, Lester.....	580 W. 161st St., New York, N. Y.....	250
2RB	Reuman, William H.....	480 9th Ave., New York, N. Y.....	525
2OW	Rextrew, Walter C.....	355 Delaware Ave., Albany, N. Y.....	40
2NT	Reyl, George.....	309 E. 86th St., New York, N. Y.....	50
2ID	Reyle, Stanley.....	424 Van Reipen Ave., Jersey City, N. J.....	24
2RS	Reymann, Albert E.....	752 9th Ave., New York, N. Y.....	6
2IS	Ricketts, Percy E.....	George St., Babylon, N. Y.....	250
2QF	Ritscher, Hans.....	807 Garden St., Hoboken, N. J.....	50
2TX	Robbins, Walter G.....	Babylon, N. Y.....	112
2LC	Roberts, A. Perry.....	Tenafly Rd., Tenafly, N. J.....	825
2MC	Roberts, Irven J.....	66 E. Baldwin St., Bloomfield, N. J.....	24
2VE	Robertson, Gus.....	125 Hunter Ave., Long Island City, N. Y.....	36
2QR	Robertson, William L.....	57 Montross Ave., Rutherford N. J.....	8
2TR	Roche, Walter J.....	2 Irving Pl., Jamaica, N. Y.....	1,000
2LJ	Rodenburg, Herman.....	1626 2d Ave., New York, N. Y.....	20
2SJ	Rodriguez, Joseph, jr.....	223 23d St., Brooklyn, N. Y.....	24
2KV	Rogers, Lorly R.....	200 W. 113th St., New York, N. Y.....	660
2TH	Roy, James A. S.....	59 Park Ter., West Orange, N. J.....	30
2IA	Royce, Winfred A.....	1329 49th St., Brooklyn, N. Y.....	500
2JY	Rupert, S. E. G.....	107 2d Ave., Pelham, N. Y.....	1,000
2GP	Rutherford, T. Bruce.....	42 Hawthorne St., Brooklyn, N. Y.....	24
2DE	Ruttman, Ferdinand.....	605 W. 141st St., New York, N. Y.....	225
2WL	Ryan, Lester F.....	18 Kosciusko St., Brooklyn, N. Y.....	15
2DM	Sach, Harold.....	701, Madison Ave., New York, N. Y.....	250
2HN	Sands, Walter H.....	178 Anchor Ave., Mt. Vernon, N. Y.....	230
2SB	Sangree, Ernest M.....	1807 Ditmas Ave., Brooklyn, N. Y.....	18

AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. <i>Watts.</i>
2LH	Sayres, Ralph A.....	4645 Central Ave., Richmond Hill, N. Y.....	36
2SU	Schabbehar, Edwin A....	412 Village Ave., Rockville Center, N. Y....	770
2JB	Schaefer, Charles L.....	201 Broadway, Port Richmond, N. Y.....	500
2IO	Scharrenbeck, George H.	126 W. 1st St., Mt. Vernon, N. Y.....	220
2EQ	Schedler, Herbert.....	328 Central Ave., Jersey City, N. J.....	300
2BF	Schell, Richard, jr.....	35 Grasmere Ave., Grasmere, N. Y.....	350
2BO	Schermerhorn, Howard F.	211 Orange Rd., Montclair, N. J.....	300
2DJ	Schlitz, Karl W.....	28 Jefferson St., Brooklyn, N. Y.....	36
2NC	Schmid, Paul.....	110 S. Division St., Peekskill, N. Y.....	775
2EO	Schneider, Alexander...	326 E. 69th St., New York, N. Y.....	40
2VO	Scholerman, Carl.....	Pleasantville, N. Y.....	1,000
2PD	Schomp, Roy.....	76 Undercliff Ave., Edgewater, N. J.....	220
2CB	Schram, John, jr.....	21 Locust St., Brooklyn, N. Y.....	60
2BH	Schulte, Carl E.....	67 Oak St., Ridgewood, N. J.....	250
2EZ	Schupp, Charles H.....	Linden Ave., River Edge, N. J.....	250
2UY	Schwartz, Abraham H.....	80 2d Ave., New York, N. Y.....	350
2DQ	Schwarzkopf, Irving M...	138 E. 95th St., New York, N. Y.....	500
2ND	Schweizer, Charles L....	710 3d Ave., Brooklyn, N. Y.....	50
2IN	Scofield, Robert W.....	87 Macon St., Brooklyn, N. Y.....	50
2AN	Sedlak, Conrad J.....	633 Main St., New Durham, N. J.....	20
2PM	Sellars, Millard.....	96 N. Bergen Pl., Freeport, N. Y.....	30
2DX	Seyd, Ernest K.....	231 Park Pl., Brooklyn, N. Y.....	50
2NM	Sharp, Watkin W.....	Far Rockaway, N. Y.....	1,000
2PZ	Shaw, Horace S.....	2120 Canarsie Lane, Brooklyn, N. Y.....	50
2KS	Shropshire, Loe R.....	Grand Ave., Palisades Park, N. J.....	500
2OU	Siebert, Walter.....	1538 E. 15th St., Brooklyn, N. Y.....	45
2GR	Slagle, E. Lester.....	25 S. 2d Ave., Mt. Vernon, N. Y.....	18
2RY	Slosilo, Stephen J.....	412 17th St., Brooklyn, N. Y.....	48
2MK	Smith, Daniel W.....	South St., Oyster Bay, N. Y.....	130
2QV	Smith, Edgar T.....	185 Brooklyn Ave., Brooklyn, N. Y.....	280
2DU	Smith, Joseph T.....	126 E. 114th St., New York, N. Y.....	500
2JP	Smith, Julius J. R.....	807 Lincoln Pl., Brooklyn, N. Y.....	12
2JO	Smith, Nelson V.....	Lawrence Ave., Lawrence, N. Y.....	1,000
2GW	Snowden, Fred.....	R. F. D. No. 49, Schenectady, N. Y.....	675
2KH	Solberg, Walter.....	620 46th St., Brooklyn, N. Y.....	25
2GC	Sonn, Albert E.....	150 2d Ave., Newark, N. J.....	550
2RP	Sorgens, Walter M.....	65 Odell St., Schenectady, N. Y.....	250
2IM	Spangenberg, Lester.....	25 S. 4th St., Lakeview, N. J.....	800
2WP	Spannaus, Charles O....	660 W. 180th St., New York, N. Y.....	500
2FD	Spiegel, Walter.....	1611 1st Ave., New York, N. Y.....	30
2RF	Springer, C. Meredith...	339 Union St., Far Rockaway, N. Y.....	24
2FS	Stanley, Howard L.....	Main St., Babylon, N. Y.....	224
2AL	Stanley, Walter N.....	654 Putnam Ave., Brooklyn, N. Y.....	30
2OK	Stanton, Walter.....	46 Smith St., Rockville Center, N. Y.....	70
2VW	Steinkamp, Harold.....	89 Hyatt Ave., Yonkers, N. Y.....	500
2UW	Stevens, Herbert H.....	4 Elm St., West Orange, N. J.....	24
2UZ	Stewart, G. Edwin.....	87 N. Center Ave., Rockville Center, N. Y.	1,000
2KO	Stone, Brownell.....	1128 Bedford Ave., Brooklyn, N. Y.....	100
2JA	Story, Robert K., jr.....	212 Hancock St., Brooklyn, N. Y.....	72
2TA	Stricker, Fred W.....	52 6th St., Elizabeth, N. J.....	325
2LV	Stutz, Ernest W.....	126 Bainbridge St., Brooklyn, N. Y.....	15
2LR	Taussig, Charles W.....	36 W. 85th St., New York, N. Y.....	360
2IH	Tense, William F.....	18 Madison Ave., Clifton, N. J.....	24
2EC	Thiede, Ferdinand C....	486 Decatur St., Brooklyn, N. Y.....	24
2PJ	Thomas, Alonzo E., jr...	176-A Union St., Jersey City, N. J.....	9
2PW	Timmins, Walter J.....	76 Davis Ave., Kearny, N. J.....	10
2OJ	Tong, Myron A.....	148 Housman Ave., Castleton Hill, N. Y....	100
2CP	Totten, Elmer E.....	95 W. 33d St., Bayonne, N. J.....	16

## AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
2PT	Traver, William F. ....	Chandler Ave., Far Rockaway, N. Y. ....	12
2RN	Tucker, George C. ....	Broadway, Upper Nyack, N. Y. ....	24
2KB	Tyrrel, Randolph E. ....	677 E. 19th St., Brooklyn, N. Y. ....	250
2ST	Udell, Carlton G. ....	130 Lincoln Pl., Brooklyn, N. Y. ....	30
2RM	Underhill, Chester R. ....	24 Forest St., Montclair, N. J. ....	120
2HD	Underwood, Kenneth C. ....	259 Mt. Prospect Ave., Newark, N. J. ....	324
2KI	Uphoff, Leslie S. ....	120 Avenue B, Schenectady, N. Y. ....	550
2OT	Urbain, Ferdinand A. ....	1189 44th St., Brooklyn, N. Y. ....	180
2SE	Van Duzer, Charles P. ....	172 Fisk Ave., Westerleigh, N. Y. ....	50
2UU	Vanderbilt, Clinton B. ....	214 Imwood Ave., Upper Montclair, N. J. ....	24
2MG	Vaughan, George W., jr. ....	34 S. 9th Ave., Mt. Vernon, N. Y. ....	250
2RZ	Veneman, Peter. ....	36 Watson St., Paterson, N. J. ....	12
2OR	Vermilya, Irving. ....	24 Chester St., Mt. Vernon, N. Y. ....	250
2OQ	Wade, J. Melmoth. ....	83 Hamilton Ave., Yonkers, N. Y. ....	15
2CV	Waibel, Walter W. ....	111 Fabyan Pl., Newark, N. J. ....	250
2OE	Walker, Raymond L. ....	49 Roseville Ave., Newark, N. J. ....	18
2QO	Walsh, James L. ....	172 Park Ave., East Rutherford, N. J. ....	250
2QP	Ward, John R. ....	160 Garfield Pl., Brooklyn, N. Y. ....	40
2RC	Watson, Edmund A. ....	78 Van Ness Ave., Rutherford, N. J. ....	600
2DZ	Watters, John J. ....	Port Richmond, N. Y. ....	500
2FR	Way, John D. ....	214 W. 92d St., New York, N. Y. ....	200
2MQ	Weber, Ernest A. ....	285 S. 2d St., New York, N. Y. ....	18
2KZ	Weden, Charles. ....	97 Myrtle St., Bloomfield, N. J. ....	12
2FH	Weiss, Jacob. ....	5 Adams St., Port Washington, N. Y. ....	1,000
2JE	Wendelstadt, Lucius F. ....	8 Seymour St., Montclair, N. J. ....	1,000
2KC	Werner, Charles M. ....	252 Cambridge Ave., Jersey City, N. J. ....	25
2GE	West, Thomas R. ....	256 Grand Ave., Leonia, N. J. ....	30
2NE	Westerhoff, Peter, jr. ....	Goffle Ave., Midland Park, N. J. ....	500
2TJ	White, Howard E. ....	Rye, N. Y. ....	36
2BW	Whitson, John H. ....	Briarcliff Manor, N. Y. ....	500
2EH	Wilmott, George B. ....	1138 E. 37th St., Brooklyn, N. Y. ....	50
2WQ	Willets, Gilson V. ....	92 Hamilton Ave., Yonkers, N. Y. ....	12
2UI	Williams, Arthur D. ....	73 S. Arlington Ave., East Orange, N. J. ....	14
2EA	Williams, Earl C. ....	261 Madison Ave., Perth Amboy, N. J. ....	330
2MJ	Williams, Roy D. ....	801 Halsey St., Brooklyn, N. Y. ....	24
2QI	Wimpfheimer, Gustave R. ....	1218 Wheeler Ave., New York, N. Y. ....	250
2DA	Winn, Arthur H. ....	325 Church St., Poughkeepsie, N. Y. ....	50
2FP	Woerner, Charles A. ....	247 Union St., Jersey City, N. J. ....	30
2NR	Wohltmann, Henry M. ....	168 W. 55th St., Brooklyn, N. Y. ....	30
2LZ	Woodrow, William. ....	224 W. 140th St., New York, N. Y. ....	880
2IW	Worth, John B. ....	Madison St., Cresskill, N. J. ....	36
2BE	Yerbury, George S., jr. ....	21 Irving Pl., Passaic, N. J. ....	36
2IT	Young, Henry. ....	179 4th St., Jersey City, N. J. ....	12
2HV	Zeitz, Edwin. ....	404 Ralph St., Brooklyn, N. Y. ....	75
2OO	Zimmermann, Edwin W. ....	106 Magnolia Ave., Arlington, N. J. ....	100
2DB	Zucker, Richard D. ....	45 Clinton Pl., Mt. Vernon, N. Y. ....	250

## ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
2AA	Flagg, John H.	2AG	Mulford, Harold C.
2AC	Hart, Gifford R.	2AH	Edelman, Abraham.
2AD	Dammers, Albert.	2AI	Eber, John G.
2AE	Happe, William H.	2AK	Ferris, Howard E.
2AF	Bryant, Marquis V.	2AL	Stanley, Walter N.

AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
2AM	Haeselbarth, Percy.	2DO	Gerrity, John J.
2AN	Sedlak, Conrad J.	2DQ	Schwarzkopf, Irving M.
2AO	Jones, Robert O.	2DR	Cooper, Telfer C.
2AQ	Corson, David N.	2DS	Clark, Le Roy.
2AS	De Yoe, Willard L.	2DU	Smith, Joseph T.
2AT	Guild, Baldwin.	2DV	Hathaway, Harry C. B.
2AU	Bryan, Chester W.	2DX	Seyd, Ernest K.
2AY	Gittelbauer, Frederick.	2DY	Palmer, Corydon.
2AZ	Pearl, Eugene S.	2DZ	Watters, John J.
2BC	Kaltenbach, Henry J., jr.	2EA	Williams, Earl C.
2BD	Banta, Theodore C.	2EC	Thiede, Ferdinand C.
2BE	Yerbury, George S., jr.	2EE	Jacobs, Charles F.
2BF	Schell, Richard, jr.	2EF	Hurd, Theodore.
2BG	Mowton, Edward M.	2EG	Hurd, John B.
2BH	Schulte, Carl E.	2EH	Wilmott, George B.
2BI	Morgan, Waller V.	2EI	Quick, Henry C.
2BK	Green, Adoniram J.	2EJ	Bechtloff, Claude B.
2BL	Kirch, George, jr.	2EL	Meyer, William E.
2BM	Heermance, Earle.	2EM	Crosby, Roy C.
2BN	Griswold, Edmund J.	2EO	Schneider, Alexander.
2BO	Schermerhorn, Howard F.	2EP	Mead, George S. V.
2BP	Phipps, Donald A.	2EQ	Schedler, Herbert.
2BR	Krech, Karl G.	2ES	Campbell, Robert, jr.
2BS	Pearson, Herbert B.	2ET	England, George B.
2BT	Barrett's School of Telegraphy.	2EU	Droste, George T.
2BW	Whitson, John H.	2EV	Hallock, Charles S.
2BY	Keller, Julius F.	2EW	Hamilton, Joseph E.
2BZ	Lyman, C. Glenn.	2EX	Jackson, Benjamin B.
2CA	Liedecker, Morris.	2EY	McKinney, Fred J.
2CB	Schram, John, jr.	2EZ	Schupp, Charles H.
2CD	Prosser, Roger D.	2FA	Pfeifer, Clarence H.
2CI	Austin, Edward.	2FB	Pareis, Robert.
2CJ	Bathgate, Walter E.	2FD	Spiegel, Walter.
2CK	O'Brien, Thomas.	2FE	Cheel, Harold W.
2CN	Dickey, Edward T.	2FH	Weiss, Jacob.
2CO	Morrell, W. Frank.	2FI	Kirkpatrick, Louis W.
2CP	Totten, Elmer E.	2FJ	Helwig, Herman F.
2CQ	Dilg, A. Norman.	2FK	Hamilton, Ralph.
2CR	Blauvelt, William M.	2FL	Lehmann, August, jr.
2CT	Bunn, Milo B.	2FM	Perkins, William P.
2CU	Palmland, Philip.	2FO	Clark, William C.
2CV	Waibel, Walter W.	2FP	Woerner, Charles A.
2CZ	Poe, Vergil C.	2FQ	Hardwick, Ambrose H.
2DA	Winn, Arthur H.	2FR	Way, John D.
2DB	Zucker, Richard D.	2FS	Stanley, Howard L.
2DC	Kahn, Walter A.	2FT	Bishop, Mortimer Z.
2DD	Fitzgerald, Gordon P.	2FU	Benzing, Herman.
2DE	Ruttman, Ferdinand.	2FV	MacPherson, Claude V.
2DF	McIntire, Meylert A.	2FY	Hartman, Robert.
2DG	Higgs, Harry Y.	2FZ	Harris, Charles C.
2DI	Cyriax, Ernest A.	2GB	Bartlett, Bernard W.
2DJ	Schlitz, Karl W.	2GC	Sonn, Albert E.
2DK	Hill, William S.	2GD	Farquharson, John S.
2DL	Price, Henry S.	2GE	West, Thomas R.
2DM	Sachs, Harold.	2GF	Gabrieleon, Henry M.
2DN	Cullen, Edward R.	2GG	Dahlgren, Birger A.

AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
2GH	Kelting, Clarence A.	2JO	Smith, Nelson V.
2GI	Bockelmann, Charles F.	2JP	Smith, Julius J. R.
2GK	Hubbard, John W.	2JU	Goette, C. J.
2GL	Marshall, Richard E.	2JX	De Cortin, Gustav A.
2GM	Ballard, J. Adams.	2JY	Rupert, S. E. G.
2GO	Peltier, Paul D.		
2GP	Rutherford, T. Bruce.	2KA	Kroener, Christian E.
2GR	Slagle, E. Lester.	2KB	Tyrrel, Randolph E.
2GU	Inwright, John A.	2KC	Werner, Charles M.
2GW	Snowden, Fred.	2KD	Browne, Walram S.
2GX	Fallon, Harry A., jr.	2KE	Frey, George.
2GZ	Plate, Fred W.	2KH	Solberg, Walter.
		2KI	Uphoff, Leslie S.
2HA	McCoy, Daniel.	2KJ	Beebe, Lloyd S.
2HC	Raqué, Carl P.	2KK	Day, Howard B.
2HD	Underwood, Kenneth C.	2KL	Gregory, Arthur V.
2HF	Coote, Charles W.	2KM	Francis, Charles E.
2HG	Peters, Frank J.	2KN	Collison, Percy B.
2HH	Dederick, H. C.	2KO	Stone, Brownell.
2HJ	Hadden, Weston.	2KP	McClure, Donald.
2HK	Burrows, Henry P.	2KQ	Edwards, Harry M., jr.
2HN	Sands, Walter H.	2KR	Lebowitz, Samuel.
2HO	Lyons, William B.	2KS	Shropshire, Lee R.
2HP	Mayhew, B. Alan, jr.	2KV	Rogers, Lorlys R.
2HR	Chandler, Arthur C.	2KW	Plummer, James A.
2HS	O'Mara, Edward F.	2KX	Noble, Kendrick.
2HT	Macartney, George E.	2KY	McLoughlin, Robert J.
2HU	Hotchkiss, Grosvenor.	2KZ	Weden, Charles.
2HV	Zeit, Edwin.		
2HX	Lane, David M.	2LA	Miller, Frederick R.
		2LB	Bertine, Edwin K.
2IA	Royce, Winfred A.	2LC	Roberts, A. Perry.
2ID	Reyle, Stanley.	2LD	Cotter, William F.
2IE	Lemmon, Walter S.	2LE	Egolf, Richard S.
2IH	Tense, William F.	2LF	Bartlett, Charles H.
2II	Howell, Walter J.	2LG	McLaughlin, Fred L.
2IJ	Cochran, Alexander.	2LH	Sayres, Ralph A.
2IL	McClintock, George C.	2LI	Meacham, Frederick C., jr.
2IM	Spangenberg, Lester.	2LJ	Rodenburg, Herman.
2IN	Scofield, Robert W.	2LL	Benedict, Alonzo R.
2IO	Scharrenbeck, George H.	2LM	Dunn, Laurence J.
2IQ	Elliott, Paul C.	2LN	Morrison, Clifford P.
2IR	Foulke, J. Brion, jr.	2LO	Coffin, Russell S.
2IS	Ricketts, Percy E.	2LP	Green, Raymond J.
2IT	Young, Henry.	2LQ	Belt, Charles B.
2IV	Lindsay, Russell.	2LR	Taussig, Charles W.
2IW	Worth, John B.	2LT	Galvin, Lee R.
2IY	Dugan, Edward W.	2LU	Baker, William N.
2IZ	Fraser, Frank.	2LV	Stutz, Ernest W.
		2LX	Adelphi College.
2JA	Story, Robert K., jr.	2LY	Hoover, Raymond.
2JB	Schaefer, Charles L.	2LZ	Woodrow, William.
2JD	Boeder, Arthur R.		
2JE	Wendelstadt, Lucius F.	2MA	Hallenbeck, Charles.
2JF	Frey, Anthony C.	2MC	Roberts, Irvn J.
2JH	Brown, David S., jr.	2MD	Pendleton, Harold A.
2JI	Eddy, Leonard E.	2ME	Archibald, John O.
2JK	Mitchell, Arthur M.	2MF	Hoppock, Allen H.
2JN	Freeland, Wilbur W.	2MG	Vaughan, George W., jr.

AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
2MH	Buchanan, William F.	2OP	Prendergast, Robert M..
2MI	Morris, Earle S.	2OQ	Wade, J. Melmoth.
2MJ	Williams, Roy D.	2OR	Vermilya, Irving.
2MK	Smith, Daniel W.	2OS	Cohen, Walter.
2ML	Quinby, E. J.	2OT	Urbain, Ferdinand A.
2MM	Apgar, Charles E.	2OU	Siebert, Walter.
2MN	Carrougher, Vivian A.	2OV	Littlefield, Charles E.
2MO	Ostman, Frederick B.	2OW	Rextrew, Walter C.
2MP	Pearsall, William E.	2OX	Mardon, F. Herbert.
2MQ	Weber, Ernest A.	2OY	Jones, Frank.
2MR	Atwater, Frank G., jr.	2OZ	Dufford, John S.
2MS	Berri, Herbert.		
2MT	Leeb, Henry L.	2PA	Carman, Newton I.
2MU	Hengerer, Howard B.	2PB	Haight, Russell P.
2MV	Bell, Arthur E.	2PC	Barriette, Samuel L.
2MW	Crichton, Arthur M.	2PD	Schomp, Roy.
2MX	Heffernan, William J.	2PE	Fritch, Vincent J.
2MY	Morris, Robert.	2PF	Pope, Frederick B.
		2PG	Eckstein, William J.
2NA	Adickes, Ernest D.	2PH	Blackburn, Godfrey C.
2NB	Le Gallez, Clayton B.	2PI	Evans, Clarence L.
2NC	Schmid, Paul.	2PJ	Thomas, Alonzo E., jr.
2ND	Schweizer, Charles L.	2PK	Otten, G. C.
2NE	Westerhoff, Peter, jr.	2PL	Lindsay, Daniel E.
2NF	Homan, Eber J.	2PM	Sellars, Millard.
2NH	Horn, Charles W.	2PN	Berger, H. C. V. B.
2NI	Moles, Charles E.	2PO	Mott, Harold.
2NK	Palm, J. Adam.	2PP	Manvell, Edwin H.
2NL	Burnett, Walter J.	2PQ	Monsen, Hans S.
2NM	Sharp, Watkin W.	2PR	Dynner, Eugene.
2NN	Buck, David E.	2PS	Cohen, Samuel.
2NO	Merritt, Frank.	2PT	Traver, William F.
2NP	Koenig, George F.	2PU	Lally, Joseph F.
2NQ	Isaacson, Charles B.	2PV	Grebe, Alfred H.
2NR	Wohltmann, Henry M.	2PW	Timmins, Walter J.
2NS	Hoffman, Paul J.	2PX	Hamilton, Albert G., jr.
2NT	Reyl, George.	2PY	Bogardus, Henry L.
2NU	Berglund, Edward A.	2PZ	Shaw, Horace S.
2NV	Meder, George C.		
2NX	Mehrbrey, William.	2QA	Kinney, E. M.
2NY	Austrian, Ralph B.	2QB	Blackford, Harold W.
2NZ	Pfeil, A. Leslie.	2QC	Ford, Fullerton.
		2QD	King, Wendell W.
2OA	Hammond, Lester.	2QE	Manley, Lee L.
2OB	Fox, Loyal S.	2QF	Ritscher, Hans.
2OC	Erasmus Hall High School.	2QG	Gale, Rowland A.
2OD	Debuchy, Edmund A.	2QH	Davies, Richard J., jr.
2OE	Walker, Raymond L.	2QI	Wimpfheimer, Gustave R.
2OF	Meinecke, Ernest.	2QJ	Eckley, Harold J.
2OG	Cockaday, Lawrence M.	2QK	Caskey, Kenneth B.
2OH	Lang, Ernest.	2QL	Rabi, Isidor.
2OI	Folks, Leslie E.	2QM	Koukol, Edwin P.
2OJ	Tong, Myron A.	2QN	Dwyer, Martin J., jr.
2OK	Stanton, Walter.	2QO	Walsh, James L.
2OL	O'Brien, Laurence J.	2QP	Ward, John R.
2OM	Maher, Frank A.	2QQ	Green, Irving W.
2ON	Kellow, James C.	2QR	Robertson, William L.
2OO	Zimmermann, Edwin W.	2QS	Bernard, James L.
		2QT	Hynds, Arthur E.

## AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
2QU	Osborne, J. Spencer.	2TA	Stricker, Fred W.
2QV	Smith, Edgar T.	2TB	Ford, Everett J.
2QW	Birkmire, Harold.	2TC	Dickenson, Henry E.
2QX	Keller, George C.	2TD	Mayer, Arthur C.
2QY	Jacobsen, Walter H.	2TE	Bentzig, Victor H.
2QZ	Meyer, Charles A.	2TF	Pearson, James W.
		2TG	Balfourt, John M.
2RA	Hollman, Theodore.	2TH	Roy, James A. S.
2RB	Reuman, William H.	2TI	Mitchell, Everitt.
2RC	Watson, Edmund A.	2TJ	White, Howard E.
2RD	Carey, Stephen W., 3d.	2TK	Randolph, Randolph A.
2RE	Pacent, L. Gerard.	2TL	de Forest, Edward L., jr.
2RF	Springer, C. Meredith.	2TM	Collymore, Errold D.
2RG	Earle, William P., jr.	2TN	Dunham, Clarence L.
2RH	Reiss, Lester.	2TO	Benzing, Jacob.
2RI	Cowper, Norman C.	2TP	Bohn, William.
2RJ	Porter, Charles A.	2TQ	Adams, E. William, jr.
2RK	Horle, Lawrence C. F.	2TR	Roche, Walter J.
2RL	Camp, Victor F.	2TS	Carpenter, Ferris G.
2RM	Underhill, Chester R.	2TT	Pattison, Edward H.
2RN	Tucker, George C.	2TU	Lee, Robert J. B.
2RO	Dodds, Andrew C.	2TV	Glenn, George.
2RP	Sorgens, Walter M.	2TW	Knight, Alexander H.
2RQ	McKinney, Donald B.	2TX	Robbins, Walter G.
2RR	Johnson, John A.	2TY	Pendleton, Archibald F.
2RS	Reymann, Albert E.	2TZ	Collins, Frank J.
2RT	Collinson, Jesse G.		
2RU	Jordon, Fletcher.	2UA	Mann, Samuel.
2RV	Johnson, W. Eugene.	2UB	Emory, John M. G.
2RW	Baily, Hobart W.	2UC	Lange, William.
2RX	Picken, James C., jr.	2UD	Brainard, Edward S.
2RY	Slosilo, Stephen J.	2UE	Hoyt, William L.
2RZ	Veneman, Peter.	2UF	Evans, Arthur F.
		2UG	Bonduaux, Eugene L.
		2UH	Boys' Wireless Club of Hacken- sack High School.
2SA	Lowitz, Donald J.	2UI	Williams, Arthur D.
2SB	Sangree, Ernest M.	2UJ	Innes, Richard C.
2SC	Constant, S. Victor.	2UK	Biggam, Henry C.
2SD	Copersito, Michael.	2UL	Baker, Alvah L.
2SE	Van Duzer, Charles P.	2UM	Poling, Russell H.
2SF	Kollock, Alan S.	2UN	Graham, Malcolm.
2SG	May, Fred.	2UO	Heyer, Benjamin W.
2SH	McQuaide, James P.	2UP	Gannon, J. Kimball.
2SI	Le Quesne, C. A., jr.	2UQ	Hallett, E. Douglas.
2SJ	Rodriguez, Joseph, jr.	2UR	Arany, Leo.
2SK	Murray, Charles.	2US	Allstrom, F. Condit.
2SL	Merrill, J. Stewart.	2UT	Dick, Benjamin S.
2SM	Hatry, William B.	2UU	Vanderbilt, Clinton B.
2SN	Barnes, C. Everett.	2UV	Dimmick, James N.
2SO	Johnston, James E.	2UW	Stevens, Herbert H.
2SP	Bleilevans, Gerhardt.	2UX	Phelan, Charles W.
2SQ	Kreeft, Raymond A.	2UY	Schwartz, Abraham H.
2SR	Greenlees, William.	2UZ	Stewart, G. Edwin.
2SS	Fitler, Eugene B., jr.		
2ST	Udell, Carlton G.	2VA	Huested, William P.
2SU	Schabbehar, Edwin A.	2VB	Gerlach, Adolph J.
2SV	Clarke, Frederick D.	2VC	Johnson, Theophilus, jr.
2SX	Cannon, George C.	2VD	Bruell, Joseph P.
2SY	De Long, Oscar A., jr.	2VE	Robertson, Gus.
2SZ	Kissick, Robert G.		

AMATEUR RADIO STATIONS—SECOND DISTRICT—ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
2VF	Koch, Edward.	2WA	Keers, John K.
2VG	Ahrens, Harry E.	2WB	Fogetti, Howard J.
2VH	Engelder, Eberhardt E.	2WC	Pollock, J. Millard.
2VI	Loub, Arthur F.	2WD	Lasher, Charles E.
2VJ	Furman, Robert S.	2WE	Heydon, Albert R.
2VK	Covert, James D.	2WF	Noian, Frank J.
2VL	Bond, Arthur M.	2WG	Lemkie, Harry A.
2VM	Brown, Philip T.	2WH	Pearsall, Arthur R.
2VN	Charles, Chester A.	2WI	Anderson, Robert N.
2VO	Scholerman, Carl.	2WJ	Pflomm, George M.
2VP	Bartsch, Henry W.	2WK	Caggiano, Carmine J.
2VQ	Agnoli, Justus J.	2WL	Ryan, Lester F.
2VR	Gassaway, Julian L.	2WM	Fowler, Jack B.
2VS	Decker, Ralph W. E.	2WN	Beller, William A. G.
2VT	Kayser, Herbert.	2WO	Barone, Salvatore A.
2VU	Flandreaux, Cyrus.	2WP	Spannaus, Charles O.
2VV	French, Edward.	2WQ	Willets, Gilson V.
2VW	Steinkamp, Harold.	2WR	Mayhew, H. Clifford.
2VX	McCarthy, George W.	2WS	Francis, Leo A.
2VY	Diehl, John F.	2WU	Moore, H. Atherton.
2VZ	Frederick, G. Bentley.		

THIRD DISTRICT.

[Headquarters: Customhouse, Baltimore, Md. The third district comprises the States of New Jersey (all counties not included in second district), Pennsylvania (counties of Philadelphia, Delaware, all counties south of the Blue Mountains, and Franklin County), Delaware, Maryland, Virginia, and the District of Columbia.]

ALPHABETICALLY BY OWNERS OF STATIONS.

Call signal.	Owner of station.	Location of station.	Power.
3PC	Abbott, E. H. B.	417 Landis Ave., Vineland, N. J.	300
3QK	Adams, Leslie H.	828 Landis Ave., Vineland, N. J.	990
3CA	Adelberger, Adrian J.	W. Wayne Ave., Wayne, Pa.	500
3GP	Amig, Edward P.	Highland Park, Pa.	500
3KE	Allen, Francis H.	171 W. Broad St., Burlington, N. J.	200
3BM	Allen, George Y.	Bernardsville, N. J.	312
3BD	Allen, Percival R.	Haverford, Pa.	250
3IP	Anderson, Albert.	313 Chestnut St., Camden, N. J.	30
3SR	Anderson, John A.	612 Cherry St., Camden, N. J.	18
3TQ	Andrews, Edward C.	22d and Morris Sts., Philadelphia, Pa.	200
3AX	Arner, Oscar Q.	56 V St. NW., Washington, D. C.	24
3AA	Ashmore, John W.	3408 Hamilton St., Philadelphia, Pa.	16
3CN	Ashton, Leon W.	106 Washington Ave., Collingswood, N. J.	30
3PI	Atlee, Franklin.	2039 Pine St., Philadelphia, Pa.	18
3JA	August, Earl W.	3748 N. Delhi St., Philadelphia, Pa.	250
3BU	Austrian, Harry D.	122 31st St., Newport News, Va.	36
3TU	Bach, Earl C.	413 Cedar St., Allentown, Pa.	42
3NN	Bachert, Homer A.	418 Walnut St., South Bethlehem, Pa.	18
3BV	Bacon, Franklin F.	101 Mansion Ave., Haddonfield, N. J.	300
3EN	Bailey, Albert S.	31 N. 61st St., Philadelphia, Pa.	120
3PL	Ballentine, Charles S.	4810 Germantown Ave., Philadelphia, Pa.	50
3MX	Barker, Thomas H., jr	Gladwyne, Pa.	11
3SW	Barnard, Julian W.	Bryn Mawr, Pa.	33
3QI	Barnes, Donald K.	122 N. 61st St., Philadelphia, Pa.	30
3MS	Barnhart, Lawrence W.	1637 N. 6th St., Harrisburg, Pa.	40
3KN	Barr, Richard H.	602 W. Chestnut St., Lancaster, Pa.	440



## AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
3SY	Barretta, Valroy S. ....	518 Elmer St., Vineland, N. J. ....	440
3PE	Bassett, William W. ....	205 Mohawk St., Norwood, Pa. ....	18
3DU	Baumann, Frank J. ....	160 Carson St., Philadelphia, Pa. ....	60
3AJ	Bausman, George H. ....	1228 N. Broadway, Baltimore, Md. ....	75
3SK	Baxley, C. Herbert. ....	1126 W. North Ave., Baltimore, Md. ....	50
3VM	Baynes, Ralph J. ....	812 Vandever Ave., Wilmington, Del. ....	36
3EM	Beaty, Lehman C. ....	109 East Ave., Hackettstown, N. J. ....	15
3JS	Beekley, Francis C. ....	116 N. Lemon St., Media, Pa. ....	72
3NL	Behm, L. F. F. ....	1519 Poplar Grove St., Baltimore, Md. ....	250
3NI	Bell, Albert A., jr. ....	8 Catalpha Ave., Hamilton, Md. ....	550
3JQ	Benson, Thomas W. ....	252 W. Indiana Ave., Philadelphia, Pa. ....	48
3DC	Bergen, Donald M. ....	920 Riverside Ave., Trenton, N. J. ....	510
3JJ	Bergmann, Frederick J. ....	1310 Allegheny Ave., Philadelphia, Pa. ....	18
3PJ	Berman, Harry. ....	315 Central Ave., Staunton, Va. ....	495
3VL	Bernstein, Abe R. ....	621 Queen St., Norfolk, Va. ....	385
3MO	Bickel, E. Clifton. ....	758 High St., Pottstown, Pa. ....	550
3CC	Biddle, Howard L., jr. ....	319 Hillside Ave., Jenkintown, Pa. ....	12
3NH	Bierfreund, Max A. ....	517 Penn St., Camden, N. J. ....	350
3LQ	Birch, Stanford S. ....	45 Washington Ave., Collingswood, N. J. ....	100
3BP	Blackwood, George C. ....	5346 Wayne Ave., Philadelphia, Pa. ....	120
3FJ	Blair, Perot E. ....	116 W. Lancaster Ave., Ardmore, Pa. ....	36
3SV	Blakeley, George B. ....	517 Seneca St., South Bethlehem, Pa. ....	330
3TV	Blanford, Irving. ....	922 North St., Portsmouth, Va. ....	330
3GF	Blankenship, Elliott E. ....	905 5th St. NW., Washington, D. C. ....	24
3TX	Blessing, Joseph M. ....	208 Vail St., Hackettstown, N. J. ....	10
3GN	Board of Public Educa- tion.	Ichigh Ave. and 8th St., Philadelphia, Pa.	490
3SN	Bourgeois, Edmund R. ....	901 Central Ave., Ocean City, N. J. ....	495
3KH	Bowen, Albert. ....	2437 E. Preston St., Baltimore, Md. ....	12
3TL	Bowes, Joseph J. ....	2647 Agate St., Philadelphia, Pa. ....	18
3RG	Bowman, Philip W. ....	202 E. Montgomery St., Baltimore, Md. ....	10
3BO	Brady, John B. ....	Somerset, Md. ....	330
3HJ	Bradley, Horace E. ....	315 V St. NE., Washington, D. C. ....	36
3UZ	Braidwood, Thomas W. ....	Anglesea, N. J. ....	48
3NZ	Branin, Manlif L. ....	4516 Pacific Ave., Wildwood, N. J. ....	18
3EV	Brannan, Julian L. ....	2632 Guilford Ave., Baltimore, Md. ....	100
3SS	Brany, Emil B. ....	441 Goepp St., Bethlehem, Pa. ....	500
3EA	Brahears, Paul B. ....	Hunter, Va. ....	72
3TP	Brittingham, Otis B. ....	1038 North St., Portsmouth, Va. ....	.....
3JW	Broadbelt, J. Edward, jr. ....	16 Hamilton Ave., Hamilton, Md. ....	18
3JH	Brockman, Francis C. ....	3 N. Main St., Nazareth, Pa. ....	770
3BK	Brown, Merritt M. ....	2417 N. 16th St., Philadelphia, Pa. ....	36
3OQ	Bryson, Harold E. ....	Laurel Springs, N. J. ....	330
3BQ	Bugbee, Newton A. ....	565 Rutherford Ave., Trenton, N. J. ....	330
3CP	Bunting, George M., jr. ....	315 E. Broad St., Chester, Pa. ....	500
3PV	Bunting, Theodore R. ....	4202 Granby St., Norfolk, Va. ....	440
3JI	Burdette, Aubrey W. ....	Adam St., Rockville, Md. ....	1,000
3NW	Burke, Thomas J. ....	1750 S. Mole St., Philadelphia, Pa. ....	32
3SM	Burnett, A. Elmo. ....	418 N. 23d St., Richmond, Va. ....	18
3QB	Butterfield, Harold G. ....	6 Burlington St., Bordentown, N. J. ....	36
3UW	Call, J. Richard. ....	114 Walnut St., Haddonfield, N. J. ....	275
3UJ	Campbell, James D. ....	214 Wyncote Rd., Jenkintown, Pa. ....	250
3CO	Campbell, James S. ....	1700 S. 60th St., Philadelphia, Pa. ....	75
3BW	Campbell, John W. ....	1209 25th St., Philadelphia, Pa. ....	30
3BX	Carpenter, C. E., jr. ....	7417 Sprague St., Philadelphia, Pa. ....	250
3RT	Carvin, Frank D. ....	1234 S. 53d St., Philadelphia, Pa. ....	330
3UH	Casey, Ellwood R. ....	1918 N. 21st St., Philadelphia, Pa. ....	18
3KO	Chalmers, Edwin L. ....	125 Burk Ave., Wildwood, N. J. ....	36
3ST	Chappell, Ralph R. ....	2112 E. Clay St., Richmond, Va. ....	30
3UT	Cianfrani, Theodore. ....	1212 Morris St., Philadelphia, Pa. ....	45

AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. <i>Watts.</i>
3BG	Clark, Edwin T.....	1244 Fitzgerald St., Philadelphia, Pa.....	12
3RI	Clough, Thomas A.....	2510 W. Thompson St., Philadelphia, Pa.....	12
3UR	Cohan, William W.....	611 Lombard St., Philadelphia, Pa.....	24
3MP	Cohen, Henry.....	600 S. 2d St., Philadelphia, Pa.....	250
3II	Coin, Thornley M.....	Chester Pike and Pine St., Philadelphia, Pa.....	18
3UB	Colberg, George A.....	112 E. Baker Ave., Wildwood, N. J.....	500
3KY	Cole, Jesse James.....	1644 N. Felton St., Philadelphia, Pa.....	100
3CL	Coleman, Walter V.....	2245 N. 15th St., Philadelphia, Pa.....	30
3AO	Collier, Wilbur H.....	820 W. Fayette St., Baltimore, Md.....	330
3OZ	Collins, Benjamin W.....	513 Ogden Ave., Swarthmore, Pa.....	550
3FZ	Conley, Charles B.....	709 N. 39th St., Philadelphia, Pa.....	36
3IJ	Cooper, James W.....	2043 N. College Ave., Philadelphia, Pa.....	60
3LR	Cooper, William F.....	14 Ruby St., Lancaster, Pa.....	24
3QT	Corderman, Roy C.....	R. F. D. No. 6, Hagerstown, Md.....	250
3JZ	Costella, Pietro A.....	4313 Baltimore Ave., Philadelphia, Pa.....	40
3PT	Creager, E. Clark.....	Haverford, Pa.....	33
3BE	Critchlow, Samuel T.....	2632 N. 17th St., Philadelphia, Pa.....	24
3BR	Crothers, Harry W.....	3033 Susquehanna Ave., Philadelphia, Pa.....	24
3QJ	Crowley, Robert H.....	23 N. Dewey St., Philadelphia, Pa.....	30
3NC	Dalling, Howard.....	2942 High St., Camden, N. J.....	40
3FB	Darby, George B., jr.....	1 Bala Ave., Bala, Pa.....	550
3TM	Davidson, Delmer S.....	2957 N. 7th St., Philadelphia, Pa.....	60
3FA	Davis, Edwin L.....	3812 8th St. NW., Washington, D. C.....	490
3VE	Davis, Herbert E.....	41 Potter St., Haddonfield, N. J.....	10
3UG	Dearden, Rowland R., 3d.....	11th St. and 69th Ave., Philadelphia, Pa.....	220
3BI	Deery, Walter J.....	5928 Pine St., Philadelphia, Pa.....	250
3QU	Deichman, George L., jr.....	Park Heights Ave., Baltimore, Md.....	330
3FN	Deichmiller, Alvin.....	1323 S. Carey St., Baltimore, Md.....	24
3FF	Dempster, Warren J.....	118 Cleveland Ave., Norwood, Pa.....	8
3LP	Densham, Harry W.....	124 Fern Ave., Collingswood, N. J.....	220
3FR	Densten, E. Craig.....	2779 W. North Ave., Baltimore, Md.....	990
3JE	Dickerson, E. Stuart, jr.....	121 W. Cedar Ave., Merchantville, N. J.....	500
3DJ	Diggins, Edward P. G.....	1631 E. Eager St., Baltimore, Md.....	18
3RD	Dimling, Rudolph G. A.....	Bancroft Pk., Baltimore, Md.....	330
3EZ	Donovan, Edgar R.....	301 W. Norris St., Philadelphia, Pa.....	18
3MA	Downes, Marlboro K.....	1002 E. Broad St., Richmond, Va.....	40
3LN	Doyle, John E.....	1931 N. Uber St., Philadelphia, Pa.....	990
3FT	Dudley, De Witt C.....	3916 Market St., Philadelphia, Pa.....	30
3MD	Dulany, Franklin R.....	5 W. Walnut Ave., Merchantville, N. J.....	220
3HP	Duncan, Rodney P.....	2039 N. College Ave., Philadelphia, Pa.....	100
3VA	Durham, Wilson N.....	316 S. 43d St., Philadelphia, Pa.....	60
3FS	Durkee, Alfred C.....	5052 Ludlow St., Philadelphia, Pa.....	440
3AK	Duvall, Edward B.....	20 E. Madison St., Baltimore, Md.....	250
3LC	Eberly, Jacob A., jr.....	2601 Columbia Ave., Philadelphia, Pa.....	250
3TF	Ebert, Burton E.....	194 Atlantic St., Bridgeton, N. J.....	28
3MU	Eckard, Lewis D.....	1320 N. Carlisle St., Philadelphia, Pa.....	1,000
3FV	Edwards, Charles.....	3345 Ella St., Philadelphia, Pa.....	120
3FO	E. I. du Pont De Nemours Powder Co.....	10th and Market Sta., Wilmington, Del.....	448
3IH	Eisele, Edward, jr.....	1116 Glenwood St., Philadelphia, Pa.....	66
3LU	Ellis, J. Elton.....	1929 Hoffman St., Philadelphia, Pa.....	24
3CR	Ellis, William G.....	2204 N. 15th St., Philadelphia, Pa.....	1,000
3AW	Ely, Harry S.....	215 S. Washington St., Baltimore, Md.....	275
3TJ	Emmerson, Frank V.....	419 High St., Portsmouth, Va.....	36
3KW	Emrickson, Alfred O.....	Maple Shade, N. J.....	20
3LE	Evans, J. Arthur.....	3208 E. Broad St., Richmond, Va.....	495
3DR	Eyster, James A.....	317 Washington Ave., Haddonfield, N. J.....	540
3UL	Esick, William W., jr.....	520 Franklin St., Reading, Pa.....	16

## AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
3MJ	Falconer, Norwood B. . .	1630 Bolton St., Baltimore, Md. . . . .	60
3HT	Falkenberg, August E. . .	512 Franklin Ter., Baltimore, Md. . . . .	550
3LM	Faries, Walter R. . . . .	Llankerris Rd., Bala, Pa. . . . .	30
3CT	Farnham, Henry A. . . . .	313 V St. NE., Washington, D. C. . . . .	250
3IZ	Faunce, B. Warren . . . . .	26 Bala Ave., Bala, Pa. . . . .	30
3OT	Faust, Elmer J. . . . .	728 Hamilton St., Allentown, Pa. . . . .	300
3TR	Fell, David B. . . . .	19 Park Ave., Ogontz, Pa. . . . .	300
3GM	Fellows, J. Howard. . . . .	5504 Wisconsin Ave., Washington, D. C. . . . .	23
3JU	Fenimore, Robert S. . . . .	116 Dorchester Ave., Arlington, Md. . . . .	24
3RC	Fenton, Edward T. . . . .	Park Heights Ave., Baltimore, Md. . . . .	330
3MG	Ferguson, William . . . . .	10 Burlington St., Bordentown, N. J. . . . .	80
3CH	Ferris, Malcolm . . . . .	3409 Baring St., Philadelphia, Pa. . . . .	16
3NR	Ferris, Malcolm . . . . .	Haverford, Pa. . . . .	154
3PW	Field, Harry P. . . . .	219 39th St., Norfolk, Va. . . . .	440
3NM	Finck, Anthony R. . . . .	1120 Girard St., Philadelphia, Pa. . . . .	36
3AB	Finck, Anthony R. . . . .	Port Kennedy, Pa. . . . .	90
3OP	Fink, Louis, 3d. . . . .	Laurel Springs, N. J. . . . .	330
3ET	Fisher, Howes N. . . . .	Laurel, Md. . . . .	330
3DZ	Fisher, Roy S. . . . .	3520 Diiston St., Philadelphia, Pa. . . . .	1,000
3HO	Fithian, William S., jr. . . . .	313 E. Commerce St., Bridgeton, N. J. . . . .	550
3BH	Flather, Bryan S. . . . .	1358 South Carolina Ave. SE., Wash- ington, D. C. . . . .	16
3TK	Flather, Bryan S. . . . .	Washington, D. C. (portable station). . . . .	12
3AL	Flentje, George F., jr. . . . .	2023 Eastern Ave., Baltimore, Md. . . . .	12
3UI	Fletcher, Edward. . . . .	Parkaley, Va. . . . .	120
3VX	Flounders, Newton . . . . .	Media, Pa. . . . .	60
3DN	France, A. Ward . . . . .	3544 N. 18th St., Philadelphia, Pa. . . . .	14
3RE	Frantz, Samuel G. . . . .	64 Morningside St., Princeton, N. J. . . . .	12
3GW	Frazier, George R. T. . . . .	Janvier, N. J. . . . .	30
3JM	Freedom, Leon . . . . .	Franklin and 14th Sts., Baltimore, Md. . . . .	500
3VS	French, Edward R., jr. . . . .	231 9th St. SE., Washington, D. C. . . . .	16
3EL	Fricke, Henry W. L. . . . .	801 Aisquith St., Baltimore, Md. . . . .	1,000
3NB	Frye, Marcus, jr. . . . .	616 Elmer St., Vineland, N. J. . . . .	700
3QH	Fusselman, John. . . . .	2436 W. Jefferson St., Philadelphia, Pa. . . . .	18
3AE	Gaffney, James H. . . . .	1427 E. Hoffman St., Baltimore, Md. . . . .	80
3RO	Garver, Edwin H. . . . .	118 East Ave., Hagerstown, Md. . . . .	550
3AY	Gaskins, Richard W. . . . .	931 North St., Portsmouth, Va. . . . .	300
3CU	Gauss, Harry W. . . . .	221 5th St. SE., Washington, D. C. . . . .	32
3VJ	Geibel, Henry J. . . . .	1243 N. 30th St., Philadelphia, Pa. . . . .	16
3EC	Giffin, Sidney H. . . . .	2614 N. Calvert St., Baltimore, Md. . . . .	200
3UA	Gilbert, Harry P., jr. . . . .	401 Washington St., Portsmouth, Va. . . . .	220
3AZ	Gillingham, Geo. L., jr. . . . .	4508 Richmond St., Bridesburg, Pa. . . . .	440
3AR	Gilpin, Levering H. . . . .	2702 N. Calvert St., Baltimore, Md. . . . .	770
3AV	Glashoff, H. Irving. . . . .	126 N. East Ave., Baltimore, Md. . . . .	9
3SJ	Glenn, Charles R. . . . .	1919 Penrose Ave., Baltimore, Md. . . . .	24
3LO	Godfrey, Clarence M. . . . .	915 14th St. SE., Washington, D. C. . . . .	36
3IF	Godfrey, Earle. . . . .	145 St. Charles Pl., Atlantic City, N. J. . . . .	550
3NK	Godfrey, Howard L. . . . .	2150 N. Corlies St., Philadelphia, Pa. . . . .	30
3FG	Godfrey, James M. . . . .	49th St. and Florence Ave., Philadelphia, Pa. . . . .	500
3OY	Gompf, August P. . . . .	Howardville, Md. . . . .	64
3IB	Good, Horace D. . . . .	419 Gordon St., Reading, Pa. . . . .	24
3KB	Goodall, Alfred B. . . . .	518 Rhode Island Ave. NE., Washington, D. C. . . . .	60
3OL	Grant, Arthur F. . . . .	2112 Venango St., Philadelphia, Pa. . . . .	100
3CB	Grant, Ulysses S. . . . .	28 Church St., Newton, N. J. . . . .	90
3UO	Graves, Edwin D., jr. . . . .	Marietta, Pa. . . . .	330
3KM	Gray, Gerald. . . . .	92 Main St., Newton, N. J. . . . .	21
3OE	Gray, Harry L. . . . .	329 Parker St., Chester, Pa. . . . .	18
3KF	Green, Anthony J. . . . .	1112 S. Lakewood Ave., Baltimore, Md. . . . .	10

## AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
3LV	Griffin, Aloysius.....	706 Pine St., Bristol, Pa.....	36
3VK	Griffith, Dorsey J.....	3104 R St. NW., Washington, D. C.....	50
3PZ	Griffith, Elmer G.....	1824 Cayuga St., Philadelphia, Pa.....	50
30C	Grover, H. Marshall.....	R. F. D. No. 9, West Chester, Pa.....	32
3PR	Hahn, Clarence LeRoy..	200 N. Pulaski St., Baltimore, Md.....	12
3QF	Haig, J. Donald.....	118 E. Maple Ave., Merchantville, N. J..	20
3QO	Hake, Elias G.....	614 Goepp St., Bethlehem, Pa.....	18
3QV	Hall, Robert S.....	Clarke's Lane, Arlington, Md.....	48
3RV	Hamill, McClintock, jr.	1822 Spruce St., Philadelphia, Pa.....	18
3JT	Hampson, George M.....	731 Newington Ave., Baltimore, Md.....	100
3JY	Hann, Charles B.....	206 E. Preston St., Baltimore, Md.....	250
3HQ	Happold, Harold H.....	Union Ave., Bala, Pa.....	600
3PH	Harris, Edwin R.....	61 N. 61st St., Philadelphia, Pa.....	60
3LY	Harris, William J.....	23d and Howard Sts., Chester, Pa.....	25
3QW	Harsch, Lawrence P.....	Mt. Rainier, Md.....	480
3FM	Hartley, Milton E.....	635 E St. NE., Washington, D. C.....	18
3ID	Hasenfus, Joseph F.....	2328 N. Fairhill St., Philadelphia, Pa.....	75
3TG	Hatch, William B.....	1926 Corlies St., Philadelphia, Pa.....	36
3UN	Hayes, William F.....	Robbins Nest, Pa.....	64
3BN	Heisley, George E.....	1114 Monroe St. NW., Washington, D. C.	500
30D	Hemmann, William C.....	176 Hampton St., Bridgeton, N. J.....	500
3BJ	Henderson, Frank.....	813 Highland Ave., Philadelphia, Pa.....	275
3RK	Hepler, Walter R.....	31 E. James St., Lancaster, Pa.....	48
3SZ	Herdon, Landon C.....	409 Middle St., Portsmouth, Va.....	25
3HM	Hickman, Paul W.....	1917 Green St., Philadelphia, Pa.....	330
3JO	Hicks, A. Willet, jr.....	1275 S. Madison St., Allentown, Pa.....	60
3CI	Hillers, John K.....	238 1st St. SE., Washington, D. C.....	72
3OO	Hindin, Louis M.....	1615 S. 5th St., Philadelphia, Pa.....	18
3ND	Hirst, Arthur C.....	Haverford, Pa.....	400
3MF	Hitchner, Clyde G.....	405 8th St., Vineland, N. J.....	32
3JX	Hoagland, Donald.....	43 Lake St., Bridgeton, N. J.....	180
3RU	Hof, J. Marshall.....	4909 Knox St., Philadelphia, Pa.....	36
3BT	Hoffman, W. Hollis.....	Cold Spring, N. J.....	18
3KK	Hofmann, George A.....	Engle Ave., Burlington, N. J.....	60
3AQ	Hogan, Harold O.....	2630 Guilford Ave., Baltimore, Md.....	225
3MN	Hollinshead, Norman B.	800 White Horse Pike, Oaklyn, N. J.....	12
3PS	Holt, Clarence J.....	136 D St. SE., Washington, D. C.....	36
3KT	Holtzinger, Horace K...	5th and Spring Garden Sts., Philadelphia, Pa.....	9
3SF	Hookey, Anthony C.....	1727 Girard Ave., Philadelphia, Pa.....	125
3US	Hopkins, James R.....	122 32d St., Newport News, Va.....	600
3GU	Hopkins, Robert E.....	2428 Nicholas St., Philadelphia, Pa.....	36
3SC	Hopper, Sterling A.....	5909 Green St., Philadelphia, Pa.....	30
3PX	Howard, H. Trumbull.....	221 Park Ave., Swarthmore, Pa.....	50
3UP	Howlett, Joseph T. F....	2303 N. Broad St., Philadelphia, Pa. (portable station).	100
3UQ	Howlett, Joseph T. F....	Mt. Pocono, Pa.....	1,000
3UF	Howlett, Joseph T. F....	2303 N. Broad St., Philadelphia, Pa.....	330
3CY	Hubbs, Edwin E.....	145 E. Washington Lane, Philadelphia, Pa.....	130
3FW	Hunter, Edwin J.....	2429 E. Cumberland St., Philadelphia, Pa.....	385
3QQ	Husk, Dayton E.....	34 John St., Dorranceton, Pa.....	425
3MZ	Husted, Mortimer I.....	9 Dorchester Rd., Baltimore, Md.....	40
3FX	Hutchinson, Samuel J..	944 Maple Ave., Collingswood, N. J.....	440
3SE	Hyatt, C. Brown.....	310 Carlisle Ave., York, Pa.....	330
3LB	Iddings, Frederick T.....	1608 Linden Ave., Baltimore, Md.....	990
3CJ	Imfield, Fred H.....	117 N. 6th St., Philadelphia, Pa.....	330
3IE	Jacobson, Bernard H.....	3803 Park Heights Ave., Baltimore, Md..	550
3HW	James, Herman.....	239 Kaighn Ave., Camden, N. J.....	15

## AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
3BL	Jaquett, Maurice J. . . . .	3156 N. Carlisle St., Philadelphia, Pa. . . . .	18
3RY	Jarvis, Thomas R. . . . .	508 Cedar Lane, Swarthmore, Pa. . . . .	40
3CS	Johnson, Burch R. . . . .	Oak Lane, Pa. . . . .	330
3IG	Johnson, Earle K. . . . .	127 North Carolina Ave., South, Atlantic City, N. J. . . . .	150
3OG	Jones, John W. . . . .	328 Cooper St., Camden, N. J. . . . .	30
3NP	Jones, La Frantz. . . . .	923 French St., Wilmington, Del. . . . .	24
3GG	Jones, Winters. . . . .	728 N. Monroe St., Baltimore, Md. . . . .	12
3TZ	Kellert, Charles. . . . .	1208 St. Matthew St., Baltimore, Md. . . . .	24
3CV	Kelley, George W., jr. . . . .	1738 N. 16th St., Philadelphia, Pa. . . . .	275
3KC	Kendall, Raymond V. . . . .	1813 N. Milton Ave., Baltimore, Md. . . . .	20
3OB	Kennedy, Ignatius L. . . . .	28 S. Market St., Frederick, Md. . . . .	24
3EP	Kennedy, Joseph H. . . . .	2052 E. Fletcher St., Philadelphia, Pa. . . . .	275
3SH	Kenyon, Walter R. . . . .	1838 Columbia Ave., Philadelphia, Pa. . . . .	511
3OK	Kerr, William C. . . . .	Frederick Rd., Catonsville, Md. . . . .	24
3TT	Kindt, Charles F., jr. . . . .	301 Washington Lane, Jenkintown, Pa. . . . .	275
3MM	King, Albert. . . . .	209 St. Mary St., Burlington, N. J. . . . .	250
3RP	Kirby, Elmer S. . . . .	5300 Glenmore Ave., Philadelphia, Pa. . . . .	20
3RH	Kline, H. N. Gay. . . . .	Central Ave., Sea Isle City, N. J. . . . .	550
3LX	Knight, A. Stanley. . . . .	311 N. 11th St., Richmond, Va. . . . .	18
3KX	Knight, G. Webber, jr. . . . .	1545 Walnut St., Harrisburg, Pa. . . . .	1000
3IQ	Knoll, Lloyd M. . . . .	3260 Chestnut St., Philadelphia, Pa. . . . .	40
3VB	Knowles, Edward P., jr. . . . .	648 Princeton Ave., Trenton, N. J. . . . .	18
3JN	Korab, Harry E. . . . .	418 W. Clay St., Richmond, Va. . . . .	490
3FQ	Krainer, John B. . . . .	Washington St., Laurel, Md. . . . .	330
3BB	Kralovec, Dalibor. . . . .	3535 N. Water St., Philadelphia, Pa. . . . .	32
3HX	Kratz, Herman A. . . . .	2001 W. Pratt St., Baltimore, Md. . . . .	173
3TY	Krone, Julian E. . . . .	2908 West Ave., Newport News, Va. . . . .	24
3EI	Kumler, Kelvin C. . . . .	Kensington, Md. . . . .	330
3ML	Kutz, Charles E. . . . .	1804 Green St., Harrisburg, Pa. . . . .	1,000
3CF	Laager, Creston F. . . . .	1029 Belmont Ave., West Philadelphia, Pa. . . . .	18
3GV	Laber, Joseph M. . . . .	2422 N. Gratz St., Philadelphia, Pa. . . . .	18
3OS	Lafferty, Francis A. . . . .	1717 Ingersoll St., Philadelphia, Pa. . . . .	18
3GZ	Laird, J. Ira. . . . .	25 Strode Ave., Coatesville, Pa. . . . .	30
3VD	Lamb, Franklin. . . . .	623 Elmer St., Vineland, N. J. . . . .	200
3ME	Lamdin, Charles R. . . . .	4016 Edmondson Ave., Baltimore, Md. . . . .	500
3QG	Landis, Harold O. . . . .	341 N. Front St., Reading, Pa. . . . .	36
3TC	Landis, Harry. . . . .	2436 Corlies St., Philadelphia, Pa. . . . .	36
3CW	Lange, J. Robert. . . . .	1938 Lemmon St., Baltimore, Md. . . . .	16
3QC	Lanning, John M. . . . .	77 E. Commerce St., Bridgeton, N. J. . . . .	550
3ER	Larrimore, James F. . . . .	1814 N. Calvert St., Baltimore, Md. . . . .	550
3RZ	La Rue, Lester J. . . . .	701 Washington St., Hackettstown, N. J. . . . .	15
3RJ	La Rue, Robert G. . . . .	264 Main St., Hackettstown, N. J. . . . .	7
3EB	La Salle College. . . . .	1240 N. Broad St., Philadelphia, Pa. . . . .	715
3SO	Law, Bartley H. . . . .	301-A S. 17 $\frac{1}{2}$ St., Reading, Pa. . . . .	30
3VI	Laws, J. Waltham, jr. . . . .	230 Park Ave., Swarthmore, Pa. . . . .	36
3VO	Leayman, Charles S. . . . .	Girard College, Philadelphia, Pa. . . . .	306
3JV	Lehr, William. . . . .	3912 Maine Ave., Baltimore, Md. . . . .	36
3BZ	Leister, Fayette. . . . .	68th and Jefferson Sts., Philadelphia, Pa. . . . .	36
3TW	Lealie, Malcolm C. . . . .	749 Asbury Ave., Ocean City, N. J. . . . .	18
3LA	Levin, Davis. . . . .	44 S. Bond St., Baltimore, Md. . . . .	30
3OH	Levy, Lewis. . . . .	243 E. Pearl St., Burlington, N. J. . . . .	20
3RB	Lewis, Ellis. . . . .	658 Linden Ave., York, Pa. . . . .	880
3UU	Lewis, Joseph W. . . . .	26th and Master Sts., Philadelphia, Pa. . . . .	880
3DW	Lowery, Norman S. . . . .	1406 3d St. NW., Washington, D. C. . . . .	45
3UX	Loughlin, John K. . . . .	2215 Hunting Park Ave., Philadelphia, Pa. . . . .	16
3DI	Lowell, Percival D. . . . .	2838 27th St. NW., Washington, D. C. . . . .	330
3DX	Lukens, Wilfred P. . . . .	527 Spring Mill Ave., Conshohocken, Pa. . . . .	605
3FM	Lusee, Richard N. . . . .	2855 N. 8th St., Philadelphia, Pa. . . . .	60

AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
3LG	Lyon, Harry H.....	Hyattsville, Md.....	500
3GH	MacDonald, Stuart.....	209 N. 53d St., Philadelphia, Pa.....	330
3DM	MacFeeters, John.....	1538 N. Gratz St., Philadelphia, Pa.....	32
3EQ	MacKendrick, Robert G.....	307 Amos Land Rd., Holmes, Pa.....	1,000
3SG	Maris, Carroll B.....	47 W. Stratford Ave., Lansdowne, Pa.....	18
3ES	Martin, E. Linton.....	315 Radcliffe St., Bristol, Pa.....	64
3LK	Martin, Robert C.....	2500 N. 19th St., Philadelphia, Pa.....	25
3ON	Matos, Walter A.....	309 College Ave., Swarthmore, Pa.....	120
3DO	Maxson, Donald L.....	Kensington, Md.....	330
3GS	McCafferty, Rea B.....	750 S. 60th St., Philadelphia, Pa.....	72
3JL	McCaskey, Edward R.....	1029 Main St., Darby, Pa.....	500
3RL	McClellan, Frederick W.....	180 Main St., Hackettstown, N. J.....	6
3LZ	McCullough, Earl N.....	125 N. Gross St., Philadelphia, Pa.....	10
3DP	McDonald, Lester B.....	36 E. Tulpehocken St., Philadelphia, Pa.....	330
3KA	McEuen, Earl W.....	705 Bath St., Bristol, Pa.....	100
3PK	McGear, Herbert K.....	3014 W. York St., Philadelphia, Pa.....	18
3EY	McIntyre, William.....	Oak Lane, Pa.....	440
3MB	McKee, W. Wesley.....	1411 W. Ontario St., Philadelphia, Pa.....	18
3VR	McVicker, W. Patton.....	635 Mohawk Ave., Norwood, Pa.....	1,000
3GL	Meck, Michael.....	1550 N. Allison St., Philadelphia, Pa.....	36
3IM	Mellon, Charles E.....	116 Pennsylvania Ave., Coatesville, Pa.....	950
3RA	Messinger, Miles B.....	309 N. Linden St., Bethlehem, Pa.....	24
3PD	Meyer, Emil J.....	1919 Green St., Philadelphia, Pa.....	36
3AC	Miller, Alfred H.....	6358 McCallum St., Philadelphia, Pa.....	18
3DY	Miller, Frederick E.....	3134 N. Rosewood St., Philadelphia, Pa.....	18
3GQ	Miller, Kelly, jr.....	430 College St. NW., Washington, D. C.....	15
3TD	Miller, Harry G.....	1526 2d Ave., York, Pa.....	500
3NU	Mitchener, Frederick D.....	119 Pond St., Bristol, Pa.....	100
3IW	Mitchener, Harold G.....	528 Swain St., Bristol, Pa.....	18
3AI	Mohr, Paul D.....	537 Chestnut St., Emaus, Pa.....	15
3CK	Moody, Matthew C.....	2511 S. 7th St., Philadelphia, Pa.....	12
3OM	Mooney, John, jr.....	2903 Girard Ave., Philadelphia, Pa.....	36
3EK	Moore, Daniel D.....	2308 N. Charles St., Baltimore, Md.....	250
3NQ	Morley, Augustin H.....	1008 McKean St., Philadelphia, Pa.....	27
3IC	Morris, Edward P.....	3114 D St., Philadelphia, Pa.....	18
3UD	Mundy, Elmer.....	21 W. Airy St., Norristown, Pa.....	275
3HS	Murray, Eugene M.....	Grays Lane, Haverford, Pa.....	990
3DL	Muth, Gerard J.....	16 Melvin Ave., Catonsville, Md.....	330
3KP	Myers, Roy R.....	Main St., South Parkside, Pa.....	72
3MI	Nash, Clifford S.....	3615 N. 19th St., Philadelphia, Pa.....	18
3QY	Nees, Milton.....	560 Chester Ave., Norwood, Pa.....	36
3TI	Nichols, Crawford V.....	218 Crawford St., Portsmouth, Va.....	30
3HL	Nielsen, Harold, jr.....	8751 Frankford Ave., Holmesburg, Pa.....	18
3VU	Nikirk, Thomas E.....	411 12th St. SE., Washington, D. C.....	20
3RX	Nisley, Paul H.....	2406 6th St., Harrisburg, Pa.....	40
3KD	Noel, James F.....	228 2d St. NE., Washington, D. C.....	72
3GO	Norcross, Earl L.....	216 Roberts Ave., Glenside, Pa.....	250
3QA	O'Brien, Francis J.....	2226 N. Carlisle St., Philadelphia, Pa.....	500
3VZ	Orlando, Frank.....	1948 S. 11th St., Philadelphia, Pa.....	16
3UY	Parker, Herbert H.....	Rockford, Wilmington, Del.....	72
3HE	Parks, Laurence W.....	3812 Hamilton St., Philadelphia, Pa.....	12
3DS	Parks, Walther A.....	901 Lawrence St. NE., Washington, D. C.....	500
3AT	Parsons, Harry S.....	13 N. Carey St., Baltimore, Md.....	9
3NE	Pasano, Leonard W.....	2504 Maryland Ave., Baltimore, Md.....	330
3OW	Patchel, Robert E.....	532 S. 15th St., Philadelphia, Pa.....	40
3AP	Patzschke, August.....	Old Hartford Rd., Hamilton, Md.....	990
3CG	Pauly, Robert.....	204 N. New St., Nazareth, Pa.....	18
3IL	Pawson, James M.....	336 W. Logan St., Philadelphia, Pa.....	24
3MT	Peck, G. Warren.....	2531 Shirley Ave., Baltimore, Md.....	300

## AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
3GI	Pelham, Fred B. ....	603 Howard Pl. NW., Washington, D. C..	74
3PN	Pemberton, Henry R. ....	1008 Clinton St., Philadelphia, Pa. ....	36
3TO	Pent, Robert E. ....	305 Wyncote Rd., Jenkintown, Pa. ....	36
3DB	Perry, Willard P., jr. ....	Titusville, N. J. ....	48
3DA	Peterson, Raymond E. ....	1602 S. Frazier St., Philadelphia, Pa. ....	16
3UK	Peysen, Philip S. ....	3208 West Ave., Newport News, Va. ....	24
3IX	Philadelphia School of Wireless Telegraphy.	Park Building, Broad and Cherry Sts., Philadelphia, Pa. ....	495
3RM	Phillips, Albert L. ....	612 N. 2d St., Reading, Pa. ....	128
3AD	Phillips, William J. ....	1530 Orleans St., Baltimore, Md. ....	250
3TA	Piper, S. Webster. ....	133 E. Antietam St., Hagerstown, Md. ....	200
3LD	Pisani, Sylvester. ....	226 N. Calhoun St., Baltimore, Md. ....	36
3HH	Place, Samuel L. ....	662 Stanbridge St., Norristown, Pa. ....	660
3MW	Poalk, James I., jr. ....	325 Summit Ave., Jenkintown, Pa. ....	60
3NF	Pohlig, William T. ....	Bala, Pa. ....	275
3SP	Polk, Charles P. ....	33 E. Walnut Ave., Merchantville, N. J. ....	20
3OJ	Pool, J. Alexander. ....	114 E. Montgomery Ave., Ardmore, Pa. ....	33
3TE	Poorman, Arthur E. ....	Second St., Highspire, Pa. ....	275
3PF	Postpichal, Otto I. ....	1617 S. 16th St., Philadelphia, Pa. ....	26
3EH	Powell, Edwin H. ....	1206 E. Capitol St., Washington, D. C. ....	36
3EJ	Primrose, Donald L. ....	2814 St. Paul St., Baltimore, Md. ....	440
3PG	Proudley, Charles E. ....	21 R St. NW., Washington, D. C. ....	32
3IA	Puff, Stephen F. ....	222 Wildwood Ave., Wildwood, N. J. ....	60
3FE	Rabl, Samuel. ....	419 3d St., Baltimore, Md. ....	30
3NS	Radio Apparatus Co. ....	258 Beech St., Pottstown, Pa. ....	1,000
3NT	Rafferty, John A. ....	642 Pine St., Bristol, Pa. ....	24
3KU	Rakestraw, Charles E., jr. ....	110 E. Pine Ave., Wildwood, N. J. ....	440
3RN	Ramsey, Howard N. ....	96 W. Sharpnack St., Philadelphia, Pa. ....	30
3VC	Rancetelli, Ernani. ....	1151 S. 9th St., Philadelphia, Pa. ....	66
3KR	Rede, G. Ross. ....	210 W. Madison St., Baltimore, Md. ....	100
3RW	Redgrave, De Witt C. ....	1505 Bolton St., Baltimore, Md. ....	250
3EF	Reiff, W. Norman. ....	916 Fayette St., Conshohocken, Pa. ....	330
3SA	Requa, Fred A. ....	4112 Frederick Ave., Baltimore, Md. ....	272
3QE	Richards, Clift R., jr. ....	9 W. Irving St., Chevy Chase, Md. ....	330
3DK	Richardson, Thomas L. ....	Quarantine, Curtis Bay, Md. ....	30
3BF	Richter, Harry A. ....	2733 N. Fairhill St., Philadelphia, Pa. ....	60
3HY	Richwien, Louis C. ....	2014 W. Pratt St., Baltimore, Md. ....	24
3JC	Riley, Arthur S. ....	147 Bank St., Bridgeton, N. J. ....	385
3KZ	Roberts, Harold A. ....	Kromer Ave., Berwyn, Pa. ....	250
3NV	Robey, V. C. K. ....	117 Commerce St., Rockville, Md. ....	1,000
3GX	Robinson, George C. ....	607 N. 10th St., Richmond, Va. ....	108
3QS	Roekens, Noel H. ....	Glenside, Pa. ....	330
3RR	Roeller, Harold C. ....	66 Chestnut St., Pottstown, Pa. ....	280
3GB	Rohrich, George J. ....	Bethesda, Md. ....	440
3VV	Rose, Harold W. ....	2602 Connecticut Ave., Washington D. C. ....	330
3UV	Ross, John W. ....	1314 Lewellyn Ave., Norfolk, Va. ....	440
3VP	Rothman, Charles. ....	1837 Wilhelm St., Baltimore, Md. ....	18
3QD	Rynick, George M., jr. ....	Catonsville, Md. ....	460
3EW	Scheffey, Ralph B. ....	346 Lafayette St., Bristol, Pa. ....	250
3FK	Schleher, Paul H. ....	1912 N. Marvine St., Philadelphia, Pa. ....	42
3PA	Schlichting, E. N. E. ....	224 E. Burk Ave., Wildwood, N. J. ....	30
3JG	Scholl, Warren. ....	179 Kalos St., Wissahickon, Pa. ....	54
3IU	Schramm, Carl. ....	721 Peach St., Vineland, N. J. ....	330
3HN	Schuck, Leon H. ....	2441 N. 8th St., Philadelphia, Pa. ....	550
3AU	Schultz, Henry. ....	14 S. Arlington Ave., Baltimore, Md. ....	275
3OU	Schwering, Harry C., jr. ....	1533 S. 16th St., Philadelphia, Pa. ....	26
3GT	Searle, William J., jr. ....	164 Harrison Ave., Glenside, Pa. ....	300
3SU	Seeley, Alfred J. ....	241 N. Wilton St., Philadelphia, Pa. ....	18
3VT	Seidenberg, Frank. ....	4219 Parrish St., Philadelphia, Pa. ....	72

## AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
3SQ	Sellers, William, jr.	115 Glenn Rd., Ardmore, Pa.	250
3QZ	Service, Charles A., jr.	Bala, Pa.	550
3SD	Shafer, Albert G.	201 Sylvan St., Rutledge, Pa.	15
3SL	Shaw, Lemuel A.	514 D St. SE., Washington, D. C.	24
3EU	Shelley, F. Cheston.	2612 Hampden St., Baltimore, Md.	40
3LF	Shreiner, Carl H.	37 E. James St., Lancaster, Pa.	50
3OR	Signor, Frederick H.	717 7th St. SE., Washington, D. C.	36
3FD	Simon, Walter.	1234 Carroll St., Baltimore, Md.	36
3SX	Simons, Joseph M.	4553 Pulaaki Ave., Philadelphia, Pa.	36
3RQ	Skene, Andrew A.	4717 Northwood Ave., Philadelphia, Pa.	24
3PP	Skinner, William H.	117 Glenn Rd., Ardmore, Pa.	12
3NO	Sleath, Robert W.	305 Schuykill Ave., Reading, Pa.	6
3DQ	Smith, G. Victor.	300 Mill St., Bristol, Pa.	800
3PU	Smith, Hubert B.	1721 N. 17th St., Philadelphia, Pa.	330
3DF	Smith, Randolph.	2647 N. Calvert St., Baltimore, Md.	360
3FH	Smith, Sewall P.	Wyndcrest Ave., Catonsville, Md.	440
3UE	Smith, William M., jr.	433 King St., Portsmouth, Va.	54
3HG	Smith, W. P.	715 N. 49th St., Philadelphia, Pa.	250
3JR	Snow, Harold A.	4715 Wisconsin Ave., Washington, D. C.	30
3IK	Snyder, Harry H.	Cold Spring, N. J.	60
3EG	Snyder, James R.	319 Vassar Ave., Swarthmore, Pa.	550
3DH	Stahl, Harry E., jr.	275 Bellevue Ave., Trenton, N. J.	200
3KI	Stanley, John S.	Laurel, Md.	500
3VY	Stannard, Charles F., jr.	800 N. 63d St., Philadelphia, Pa.	24
3BY	Statz, Henry M.	709 Euclid St. NW., Washington, D. C.	48
3GY	Staub, James.	Sluice Rd., Burlington Township, N. J.	60
3NY	Steele, Sherman E.	122 S. Queen St., Lancaster, Pa.	200
3BC	Stephen C. Chester.	Laurel Springs, N. J.	72
3HI	Stapp, John W.	630 Morton St. NW., Washington, D. C.	48
3JP	Sterns, Morton W.	29 N. Main St., Bethlehem, Pa.	1,000
3VH	Stickell, Daniel R.	449 Potomac Ave., Hagerstown, Md.	550
3HK	Stokes, Josiah T.	15 W. Stiles Ave., Collingswood, N. J.	24
3UM	Strailman, Gilbert T.	649 29th St., Newport News, Va.	18
3PQ	Strieby, Malcolm.	112 Rutgers Ave., Swarthmore, Pa.	1,000
3IT	Stritzel, Alfred H.	12 North Carolina Ave., South, Atlantic City, N. J.	250
3AS	Stumptner, Albert G.	Old Harford Rd., Hamilton, Md.	440
3QR	Sullivan, Frank J.	2233 S. Carlisle St., Philadelphia, Pa.	60
3TH	Tabb, Vincent W.	26 Court St., Portsmouth, Va.	30
3OF	Talbot, George L.	506 14th St., Highlandtown, Md.	165
3DE	Tallman, Frank G., jr.	1102 Broome St., Wilmington, Del.	550
3QL	Tapley, Robert E.	Hampton Court, Norfolk, Va.	18
3GC	Taylor, B. Irving.	300 Hillside Ave., Jenkintown, Pa.	20
3HB	Taylor, Sidney L. M.	321 Mohawk Ave., Norwood, Pa.	120
3UC	Teller, Leslie W.	4012 7th St. NW., Washington, D. C.	210
3HC	Thackery, Samuel J.	4232 Paul St., Philadelphia, Pa.	18
3HR	Thornton, Earl H.	131 E. Durham St., Philadelphia, Pa.	550
3NG	Tichenor, George C.	123 S. Chester Rd., Swarthmore, Pa.	15
3CX	Tiboldt, William K.	2412 N. 16th St., Philadelphia, Pa.	72
3IY	Tolbert, Warren.	7037 Hegerman St., Philadelphia, Pa.	24
3VF	Tompkins, E. Randolph.	526 9th Ave. SW., Roanoke, Va.	350
3PY	Torriai, Salvatore.	1710 S. 11th St., Philadelphia, Pa.	32
3AH	Treide, Carl L.	2402 E. Baltimore St., Baltimore, Md.	315
3RS	Tripp, George B., jr.	113 S. Front St., Harrisburg, Pa.	300
3GK	Troth, Raymond H.	3350 N. 18th St., Philadelphia, Pa.	36
3MQ	Trumbower, Raymond.	24 Collingswood Ave., Oaklyn, N. J.	18
3TS	Turner, Alfred W.	61 Hampton St., Bridgeton, N. J.	18
3DV	Uphoff, Frank B.	3649 York Rd., Philadelphia, Pa.	18
3VQ	Uphoff, Frank B.	87-89 Thorofare Ave., Margate City, N. J.	30



## AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
3VW	Uphoff, Frank B. ....	Philadelphia, Pa. (portable station).....	8
3OA	Urner, Joseph W. ....	215 E. 2d St., Frederick, Md. ....	24
3KV	Van Duyn, Carlton....	163 Lake Ave., Boonton, N. J. ....	250
3CM	Van Horn, J. Clunn....	5127 Arch St., Philadelphia, Pa. ....	500
3LL	Van Horn, J. Orville....	1427 N. 17th St., Philadelphia, Pa. ....	12
3SB	Van Hulsteyn, J. M. C. ....	Cockeysville, Md. ....	250
3QM	Varnes, Earl W. ....	8 Race St., Cambridge, Md. ....	48
3RF	Vaughan, Charles A. ....	118 Pastorius St., Philadelphia, Pa. ....	36
3TN	Venn, Silas N. ....	900 Vandever Ave., Wilmington, Del. ....	250
3IN	Vogel, Charles C. ....	1244 N. Taney St., Philadelphia, Pa. ....	18
3KL	Wagner, William H. ....	121 Obold St., West Reading, Pa. ....	18
3LW	Waite, John W. ....	2938 N. 3d St., Philadelphia, Pa. ....	55
3IR	Wallace, Lewis J. ....	2728 Poplar St., Philadelphia, Pa. ....	18
3AN	Walsh, Maurice L. ....	819 W. Lexington St., Baltimore, Md. ....	1,000
3PO	Watson, James B. ....	2412 S. Rosewood St., Philadelphia, Pa. ....	54
3VN	Ways, Clarence I. ....	10 Hanover St., Cumberland, Md. ....	550
3AG	Weant, Clarence H. ....	1546 Aisquith St., Baltimore, Md. ....	275
3IS	Weaver, Howard A. ....	5545 Webster Ter., Philadelphia, Pa. ....	24
3QP	Weber, Henry M. ....	Mt. Rainier, Md. ....	18
3FC	Weik, Charles F. ....	7148 Vandyke St., Philadelphia, Pa. ....	24
3LH	Weiss, Leonard W. ....	1608 South St., Philadelphia, Pa. ....	40
3NX	Wells, John M. ....	6118 Boynton St., Philadelphia, Pa. ....	42
3DT	Wells, William C., jr. ....	124 S. 66th St., Philadelphia, Pa. ....	495
3AF	West, William M. ....	1407 N. Central Ave., Baltimore, Md. ....	105
3FI	Wever, John A. ....	238 S. Patterson Park Ave., Baltimore, Md. ....	21
3KQ	Wexler, Bernard ....	431 Dickinson St., Philadelphia, Pa. ....	495
3CZ	Wheatley, Douglas N. ....	405 N. 32d St., Philadelphia, Pa. ....	48
3MY	Wheeler, William A. ....	208 9th St. NE., Washington, D. C. ....	500
3MV	Whitaker, Lorenzo D. ....	937 14th St. SE., Washington, D. C. ....	36
3DG	White, Norman P. ....	19 General Greene Ave., Trenton, N. J. ....	18
3OX	Wick, Arthur. ....	2406 S. Percy St., Philadelphia, Pa. ....	12
3NJ	Wicks, Preston S. ....	2206 Ruskin Ave., Baltimore, Md. ....	550
3CD	Widmyer, John H. ....	1 S. Duke St., Lancaster, Pa. ....	16
3FL	Wiler, William L. ....	1735 Arch St., Philadelphia, Pa. ....	15
3SI	Williams, Harvey. ....	3523 N. 18th St., Philadelphia, Pa. ....	1,000
3KS	Williams, John McC. ....	Elkridge, Md. ....	16
3IV	Wilson, Willard S. ....	705 Adams St., Wilmington, Del. ....	490
3MK	Wilson, William P. ....	2400 Barclay St., Baltimore, Md. ....	60
3AM	Wise, Leonard J. ....	419 N. Patterson Park Ave., Baltimore, Md. ....	80
3HA	Wiseman, Luther B. ....	330 W St. NW., Washington, D. C. ....	16
3HU	Witmer, Charles T. ....	133 W. Buttonwood St., Philadelphia, Pa. ....	330
3JD	Wolcott, Roger G. ....	224 41st St., Norfolk, Va. ....	440
3MC	Wolf, Henry S. ....	2405 E. Fairmount Ave., Baltimore, Md. ....	550
3BS	Wolf, William J. ....	2422 S. Iscminger St., Philadelphia, Pa. ....	24
3OI	Wolle, Aubrey B. ....	906 Prospect Ave., Bethlehem, Pa. ....	330
3VG	Wood, Frederick B. ....	Bryn Mawr, Pa. ....	330
3GR	Wood, Richard M. ....	Keyworth Ave., Baltimore, Md. ....	330
3QX	Worcester, Paul S. ....	1941 Green St., Harrisburg, Pa. ....	40
3DD	Work, Ashton G. ....	807 St. Charles Pl., Ocean City, N. J. ....	250
3KJ	Worrest, Howard A. ....	629 N. Duke St., Lancaster, Pa. ....	130
3FU	Wunder, William F. ....	6211 Germantown St., Philadelphia, Pa. ....	80
3CQ	Yeager, George R. ....	718 S. American St., Philadelphia, Pa. ....	50
3TB	Young Men's Christian Association.	10th and Orange Sts., Wilmington, Del. ....	330
3NA	Zang, Joseph A., jr. ....	700 N. 37th St., Philadelphia, Pa. ....	440
3QN	Zinszer, Harvey A. ....	920 S. 6th St., Allentown, Pa. ....	120
3PB	Zorger, Daniel H. ....	409 Kelker St., Harrisburg, Pa. ....	1,000

## AMATEUR RADIO STATIONS—THIRD DISTRICT—Continued.

## ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
3AA	Ashmore, John W.	3CH	Ferris, Malcolm.
3AB	Finck, Anthony R.	3CI	Hillers, John K.
3AC	Miller, Alfred H.	3CJ	Imfield, Fred H.
3AD	Phillips, William J.	3CK	Moody, Matthew C.
3AE	Gaffney, James H.	3CL	Coleman, Walter V.
3AF	West, William M.	3CM	Van Horn, J. Clunn.
3AG	Weant, Clarence H.	3CN	Ashton, Leon W.
3AH	Treide, Carl L.	3CO	Campbell, James S.
3AI	Mohr, Paul D.	3CP	Bunting, George M., jr.
3AJ	Bausman, George H.	3CQ	Yeager, George R.
3AK	Duvall, Edward B.	3CR	Ellis, William G.
3AL	Flentje, George F., jr.	3CS	Johnson, Burch R.
3AM	Wise, Leonard J.	3CT	Farnham, Henry A.
3AN	Walsh, Maurice L.	3CU	Gauss, Harry W.
3AO	Collier, Wilbur H.	3CV	Kelley, George W., jr.
3AP	Patzschke, August.	3CW	Lange, J. Robert.
3AQ	Hogan, Harold O.	3CX	Toboldt, William K.
3AR	Gilpin, Levering H.	3CY	Hubbs, Edwin E.
3AS	Stumptner, Albert G.	3CZ	Wheatley, Douglas M.
3AT	Parsons, Harry S.		
3AU	Schultz, Henry.	3DA	Peterson, Raymond E.
3AV	Glaashoff, H. Irving.	3DB	Perry, Willard P., jr.
3AW	Ely, Harry S.	3DC	Bergen, Donald M.
3AX	Arner, Oscar Q.	3DD	Work, Ashton G.
3AY	Gaskins, Richard W.	3DE	Tallman, Frank G., jr.
3AZ	Gillingham, George L., jr.	3DF	Smith, Randolph.
		3DG	White, Norman P.
3BB	Kralovec, Dalibor.	3DH	Stahl, Harry E., jr.
3BC	Stephen, C. Chester.	3DI	Lowell, Percival D.
3BD	Allen, Percival R.	3DJ	Diggins, Edward P. G.
3BE	Critchlow, Samuel T.	3DK	Richardson, Thomas L.
3BF	Richter, Harry A.	3DL	Muth, Gerard J.
3BG	Clark, Edwin T.	3DM	MacFeeters, John.
3BH	Flather, Bryan S.	3DN	France, A. Ward.
3BI	Deery, Walter J.	3DO	Maxson, Donald L.
3BJ	Henderson, Frank.	3DP	McDonald, Lester B.
3BK	Brown, Merritt M.	3DQ	Smith, G. Victor.
3BL	Jaquett, Maurice J.	3DR	Eyster, James A.
3BM	Allen, George Y.	3DS	Parks, Walther A.
3BN	Heisley, George E.	3DT	Wells, William C., jr.
3BO	Brady, John B.	3DU	Baumann, Frank J.
3BP	Blackwood, George C.	3DV	Uphoff, Frank B.
3BQ	Bugbee, Newton A.	3DW	Lowery, Norman S.
3BR	Crothers, Harry W.	3DX	Lukens, Wilfred P.
3BS	Wolf, William J.	3DY	Miller, Frederick E.
3BT	Hoffman, W. Hollis.	3DZ	Fisher, Roy S.
3BU	Austrian, Harry D.		
3BV	Bacon, Franklin F.	3EA	Brashears, Paul B.
3BW	Campbell, John W.	3EB	La Salle College.
3BX	Carpenter, C. E., jr.	3EC	Giffin, Sidney H.
3BY	Statz, Henry M.	3EF	Reiff, W. Norman.
3BZ	Leister, Fayette.	3EG	Snyder, James R.
		3EH	Powell, Edwin H.
3CA	Adelberger, Adrian J.	3EI	Kumler, Kelvin C.
3CB	Grant, Ulysses S.	3EJ	Primrose, Donald L.
3CC	Biddle, Howard L., jr.	3EK	Moore, Daniel D.
3CD	Widmyer, John H.	3EL	Fricke, Henry W. L.
3CF	Laager, Creston F.	3EM	Beaty, Lehman C.
3CG	Pauly, Robert.	3EN	Bailey, Albert S.

## AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
3EP	Kennedy, Joseph H.	3HA	Wiseman, Luther B.
3EQ	MacKendrick, Robert G.	3HB	Taylor, Sidney L. M.
3ER	Larrimore, James F.	3HC	Thackeray, Samuel J.
3ES	Martin, E. Linton.	3HE	Parks, Laurence W.
3ET	Fisher, Howes N.	3HG	Smith, W. P.
3EU	Shelley, F. Cheston.	3HH	Place, Samuel W.
3EV	Brannan, Julian L.	3HI	Stapp, John W.
3EW	Scheffey, Ralph B.	3HJ	Bradley, Horace E.
3EY	McIntyre, William.	3HK	Stokes, Josiah T.
3EZ	Donovan, Edgar R.	3HL	Nielsen, Harold, jr.
		3HM	Hickman, Paul W.
3FA	Davis, Edwin L.	3HN	Schuck, Leon H.
3FB	Darby, George B., jr.	3HO	Fithian, William S., jr.
3FC	Weik, Charles F.	3HP	Duncan, Rodney P.
3FD	Simon, Walter.	3HQ	Happold, Harold H.
3FE	Rabl, Samuel.	3HR	Thornton, Earl H.
3FF	Dempster, Warren J.	3HS	Murray, Eugene M.
3FG	Godfrey, James M.	3HT	Falkenberg, August E.
3FH	Smith, Sewall P.	3HU	Witmer, Charles T.
3FI	Wever, John A.	3HW	James, Herman.
3FJ	Blair, Perot E.	3HX	Kratz, Herman A.
3FK	Schleher, Paul H.	3HY	Richwein, Louis C.
3FL	Wiler, William L.		
3FM	Hartley, Milton E.	3IA	Puff, Stephen F.
3FN	Deichmiller, Alvin.	3IB	Good, Horace D.
3FO	E. I. du Pont De Nemours Powder Co.	3IC	Morris, Edward P.
3FQ	Krainer, John B.	3ID	Hasenfus, Joseph F.
3FR	Denaton, E. Craig.	3IE	Jacobson, Bernard H.
3FS	Durkee, Alfred C.	3IF	Godfrey, Earle.
3FT	Dudley, De Witt C.	3IG	Johnson, Earle K.
3FU	Wunder, William F.	3IH	Eisele, Edward, jr.
3FV	Edwards, Charles.	3II	Coin, Thornley M.
3FW	Hunter, Edwin J.	3IJ	Cooper, James W.
3FX	Hutchinson, Samuel J.	3IK	Snyder, Harry H.
3FZ	Conley, Charles B.	3IL	Pawson, James M.
		3IM	Mellon, Charles E.
3GB	Rohrich, George J.	3IN	Vogel, Charles C.
3GC	Taylor, B. Irving.	3IP	Anderson, Albert.
3GF	Blankenship, Elliott E.	3IQ	Knoll, Lloyd M.
3GG	Jones, Winters.	3IR	Wallace, Lewis J.
3GH	MacDonald, Stuart.	3IS	Weaver, Howard A.
3GI	Pelham, Fred B.	3IT	Stritzel, Alfred H.
3GK	Troth, Raymond H.	3IU	Schramm, Carl.
3GL	Meck, Michael.	3IV	Wilson, Willard S.
3GM	Fellows, J. Howard.	3IW	Mitchener, Harold G.
3GN	Board of Public Education, Philadelphia, Pa.	3IX	Philadelphia School of Wireless Telegraphy.
3GO	Norcross, Earl L.	3IY	Tolbert, Warren.
3GP	Amig, Edward P.	3IZ	Faunce, B. Warren.
3GQ	Miller, Kelly, jr.		
3GR	Wood, Richard, M.	3JA	August, Earl W.
3GS	McCafferty, Rea B.	3JC	Riley, Arthur S.
3GT	Searle, William J., jr.	3JD	Wolcott, Roger G.
3GU	Hopkins, Robert E.	3JE	Dickerson, E. Stuart, jr.
3GV	Laber, Joseph M.	3JG	Scholl, Warren.
3GW	Frazier, George R. T.	3JH	Brockman, Francis C.
3GX	Robinson, George O.	3JI	Burdette, Aubrey W.
3GY	Staub, James.	3JJ	Bergmann, Frederick J.
3GZ	Laird, J. Ira.	3JL	McCaskey, Edward R.
		3JM	Freedom, Leon.
		3JN	Korab, Harry E.

AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
3JO	Hicks, A. Willet, jr.	3MA	Downes, Marlboro K.
3JP	Sterns, Morton W.	3MB	McKee, W. Wesley.
3JQ	Benson, Thomas W.	3MC	Wolf, Henry S.
3JR	Snow, Harold A.	3MD	Dulany, Franklin R.
3JS	Beekley, Francis C.	3ME	Lamdin, Charles R.
3JT	Hampeon, George M.	3MF	Hitchner, Clyde G.
3JU	Fenimore, Robert S.	3MG	Ferguson, William.
3JV	Lehr, William.	3MI	Nash, Clifford S.
3JW	Broadbelt, J. Edward, jr.	3MK	Wilson, William P.
3JX	Hoagland, Donald.	3ML	Kutz, Charles E.
3JY	Hann, Charles B.	3MM	King, Albert.
3JZ	Costella, Pietro A.	3MN	Hollinshead, Norman B.
3KA	McEuen, Earl W.	3MO	Bickel, E. Clifton.
3KB	Goodall, Alfred B.	3MP	Cohen, Henry.
3KC	Kendall, Raymond V.	3MQ	Trumbower, Raymond.
3KD	Noel, James F.	3MS	Barnhart, Lawrence W.
3KE	Allen, Francis H.	3MT	Peck, G. Warren.
3KF	Green, Anthony J.	3MU	Eckard, Lewis D.
3KH	Bowen, Albert.	3MV	Whitaker, Lorenzo D.
3KI	Stanley, John S.	3MW	Poalk, James L., jr.
3KJ	Worrest, Howard A.	3MX	Barker, Thomas H., jr.
3KK	Hofmann, George A.	3MY	Wheeler, William A.
3KL	Wagner, William H.	3MZ	Husted, Mortimer I.
3KM	Gray, Gerald.	3NA	Zang, Joseph A., jr.
3KN	Barr, Richard H.	3NB	Frye, Marcus, jr.
3KO	Chalmers, Edwin L.	3NC	Dalling, Howard.
3KP	Myers, Roy R.	3ND	Hirst, Arthur C.
3KQ	Wexler, Bernard.	3NE	Passano, Leonard W.
3KR	Rede, G. Ross.	3NF	Pohlig, William T.
3KS	Williams, John McC.	3NG	Tichenor, George C.
3KT	Holtzinger, Horace K.	3NH	Bierfreund, Max A.
3KU	Rakestraw, Charles E., jr.	3NI	Bell, Albert A., jr.
3KV	Van Duynes, Carlton.	3NJ	Wicks, Preston S.
3KW	Erickson, Alfred O.	3NK	Godfrey, Howard L.
3KX	Knight, G. Webber, jr.	3NL	Behm, L. F. F.
3KY	Cole, Jesse James.	3NM	Finck, Anthony R.
3KZ	Roberts, Harold A.	3NN	Bachert, Homer A.
3LA	Levin, Davis.	3NO	Sleath, Robert W.
3LB	Iddings, Frederick T.	3NP	Jones, La Frantz.
3LC	Eberly, Jacob A., jr.	3NQ	Morley, Augustin H.
3LD	Pisani, Sylvester.	3NR	Ferris, Malcolm.
3LE	Evans, J. Arthur.	3NS	Radio Apparatus Co.
3LF	Shreiner, Carl H.	3NT	Rafferty, John A.
3LG	Lyon, Harry H.	3NU	Mitchener, Frederick D.
3LH	Weiss, Leonard.	3NV	Robey, V. C. K.
3LK	Martin, Robert C.	3NW	Burke, Thomas J.
3LL	Van Horn, J. Orville.	3NX	Wells, John M.
3LM	Faries, Walter R.	3NY	Steele, Sherman E.
3LN	Doyle, John E.	3NZ	Branin, Manly L.
3LO	Godfrey, Clarence M.	3OA	Urner, Joseph W.
3LP	Densham, Harry W.	3OB	Kennedy, Ignatius L.
3LQ	Birch, Stanford S.	3OC	Grover, H. Marshall.
3LR	Cooper, William F.	3OD	Hennmann, William C.
3LU	Ellis, J. Elton.	3OE	Gray, Harry L.
3LV	Griffin, Aloysius.	3OF	Talbot, George L.
3LW	Waite, John W.	3OG	Jones, John W.
3LX	Knight, A. Stanley.	3OH	Levy, Lewis.
3LY	Harris, William J.	3OI	Wolle, Aubrey B.
3LZ	McCullough, Earl N.	3OJ	Pool, J. Alexander.

## AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
3OK	Kerr, William C.	3QQ	Husk, Dayton E.
3OL	Grant, Arthur F.	3QR	Sullivan, Frank J.
3OM	Mooney, John, jr.	3QS	Roekens, Noel H.
3ON	Matos, Walter A.	3QT	Corderman, Roy C.
3OO	Hindin, Louis M.	3QU	Deichmann, George L., jr.
3OP	Fink, Louis, 3d.	3QV	Hall, Robert S.
3OQ	Bryson, Harold E.	3QW	Harsch, Lawrence P.
3OR	Signor, Frederick H.	3QX	Worcester, Paul S.
3OS	Lafferty, Francis A.	3QY	Nees, Milton.
3OT	Faust, Elmer J.	3QZ	Service, Charles A., jr.
3OU	Schwering, Harry C., jr.		
3OW	Patchel, Robert E.	3RA	Messinger, Miles B.
3OX	Wick, Arthur.	3RB	Lewis, Ellis.
3OY	Gompf, August P.	3RC	Fenton, Edward T.
3OZ	Collins, Benjamin W.	3RD	Dimling, Rudolph G. A.
		3RE	Frantz, Samuel G.
3PA	Schlichting, E. N. E.	3RF	Vaughan, Charles A.
3PB	Zorger, Daniel H.	3RG	Bowman, Philip W.
3PC	Abbott, E. H. B.	3RH	Kline, H. N. Gay.
3PD	Meyer, Emil J.	3RI	Clough, Thomas A.
3PE	Bassett, William W.	3RJ	La Rue, Robert G.
3PF	Postpichal, Otto I.	3RK	Hepler, Walter R.
3PG	Proudley, Charles E.	3RL	McClellan, Frederick W.
3PH	Harris, Edwin R.	3RM	Phillips, Albert L.
3PI	Atlee, Franklin.	3RN	Ramsey, Howard N.
3PJ	Berman, Harry.	3RO	Garver, Edwin H.
3PK	McGear, Herbert K.	3RP	Kirby, Elmer S.
3PL	Ballantine, Charles S.	3RQ	Skene, Andrew A.
3PM	Luase, Richard N.	3RR	Roeller, Harold C.
3PN	Pemberton, Henry R.	3RS	Tripp, George B., jr.
3PO	Watson, James B.	3RT	Carvin, Frank D.
3PP	Skinner, William H.	3RU	Hoff, J. Marshall.
3PQ	Strieby, Malcolm.	3RV	Hamill, McClintock, jr.
3PR	Hahn, Clarence Le Roy.	3RW	Redgrave, De Witt C.
3PS	Holt, Clarence J.	3RX	Nisley, Paul H.
3PT	Creager, E. Clark.	3RY	Jarvis, Thomas R.
3PU	Smith, Hubert B.	3RZ	La Rue, Lester J.
3PV	Bunting, Theodore R.		
3PW	Field, Harry P.	3SA	Requa, Fred A.
3PX	Howard, H. Trumbull.	3SB	Van Hulsteyn, J. M. C.
3PY	Torriasi, Salvatore.	3SC	Hopper, Sterling A.
3PZ	Griffith, Elmer G.	3SD	Shafer, Albert G.
		3SE	Hyatt, C. Brown.
3QA	O'Brien, Francis J.	3SF	Hookey, Anthony C.
3QB	Butterfield, Harold G.	3SG	Maris, Carroll B.
3QC	Lanning, John M.	3SH	Kenyon, Walter R.
3QD	Rynick, George M., jr.	3SI	Williams, Harvey.
3QE	Richards, Clift R., jr.	3SJ	Glenn, Charles R.
3QF	Haig, J. Donald.	3SK	Baxley, C. Herbert.
3QG	Landis, Harold O.	3SL	Shaw, Lemuel A.
3QH	Fusselman, John.	3SM	Burnett, A. Elmo.
3QI	Barnes, Donald K.	3SN	Bourgeois, Edmund R.
3QJ	Crowley, Robert H.	3SO	Law, Bartley H.
3QK	Adams, Leslie H.	3SP	Polk, Charles P.
3QL	Tapley, Robert E.	3SQ	Sellers, William, jr.
3QM	Varnes, Earl W.	3SR	Anderson, John A.
3QN	Zinszer, Harvey A.	3SS	Brany, Emil B.
3QO	Hake, Elias G.	3ST	Chappell, Ralph R.
3QP	Weber, Henry M.	3SU	Seeley, Alfred J.

AMATEUR RADIO STATIONS—THIRD DISTRICT—ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
3SV	Blakeley, George B.	3UK	Peyser, Philip S.
3SW	Barnard, Julian W.	3UL	Essick, William W., jr.
3SX	Simons, Joseph M.	3UM	Strailman, Gilbert T.
3SY	Barretta, Valroy S.	3UN	Hayes, William F.
3SZ	Herndon, Landon C.	3UO	Graves, Edwin D., jr.
3TA	Piper, S. Webster.	3UP	Howlett, Joseph T. F.
3TB	Y. M. C. A., Wilmington, Del.	3UQ	Howlett, Joseph T. F.
3TC	Landis, Harry.	3UR	Cohan, William W.
3TD	Miller, Harry G.	3US	Hopkins, James R.
3TE	Poorman, Arthur E.	3UT	Cianfrani, Theodore.
3TF	Ebert, Burton E.	3UU	Lewis, Joseph W.
3TG	Hatch, William B.	3UV	Ross, John W.
3TH	Tabb, Vincent W.	3UW	Call, J. Richardson.
3TI	Nichols, Crawford V.	3UX	Loughlin, John K.
3TJ	Emmerson, Frank V.	3UY	Parker, Herbert H.
3TK	Flather, Bryan S.	3UZ	Braidwood, Thomas W.
3TL	Bowes, Joseph J.	3VA	Durham, Wilson N.
3TM	Davidson, Delmer S.	3VB	Knowles, Edward P., jr.
3TN	Venn, Silas N.	3VC	Rancetelli, Ermain.
3TO	Pent, Robert E.	3VD	Lamb, Franklin.
3TP	Brittingham, Otis B.	3VE	Davis, Herbert E.
3TQ	Andrews, Edward C.	3VF	Tompkins, Eugene R.
3TR	Fell, David B.	3VG	Wood, Frederick B.
3TS	Turner, Alfred W.	3VH	Stickell, Daniel R.
3TT	Kindt, Charles F., jr.	3VI	Laws, J. Waltham, jr.
3TU	Bach, Earl C.	3VJ	Geibel, Henry J.
3TV	Blanford, Irving.	3VK	Griffith, Dorsey J.
3TW	Leslie, Malcolm C.	3VL	Bernstein, Abraham R.
3TX	Blessing, Joseph M.	3VM	Baynes, Ralph J.
3TY	Krone, Julian E.	3VN	Ways, Clarence I.
3TZ	Kellert, Charles.	3VO	Leayman, Charles S.
3UA	Gilbert, Harry P., jr.	3VP	Rothman, Charles.
3UB	Colberg, George A.	3VQ	Uphoff, Frank B.
3UC	Teller, Leslie W.	3VR	McVickar, W. Patton.
3UD	Mundy, Elmer.	3VS	French, Edward R., jr.
3UE	Smith, William M., jr.	3VT	Seidenberg, Frank.
3UF	Howlett, Joseph T. F.	3VU	Nikirk, Thomas E.
3UG	Dearden, Rowland R., 3d.	3VV	Rose, Harold W.
3UH	Casey, Elwood R.	3VW	Uphoff, Frank B.
3UI	Fletcher, Edward.	3VX	Flounders, Newton.
3UJ	Campbell, James D.	3VY	Stannard, Charles F., jr.
		3VZ	Orlando, Frank.

FOURTH DISTRICT.

[Headquarters: Customhouse, Savannah, Ga. The fourth district comprises the States of North Carolina, South Carolina, Georgia, Florida, and the Territory of Porto Rico.]

ALPHABETICALLY BY OWNERS OF STATIONS.

Call signal.	Owner of station.	Location of station.	Power.
4AN	Adams, George G. ....	45 Whitaker St., Savannah, Ga. ....	Watts. 20
4BA	Avant, Marion C. ....	806 N. 4th St., Wilmington, N. C. ....	200
4AU	Avera, William W. ....	Watkinsville, Ga. ....	30
4AL	Bangs, Philip C. ....	918 E. Duffy St., Savannah, Ga. ....	350
4AS	Brandon, Beverly A. ....	322 E. 6th St., Jacksonville, Fla. ....	330
4AW	Crevasse, Joe N. ....	1605 Blvd., Jacksonville, Fla. ....	165

## AMATEUR RADIO STATIONS—FOURTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
4BN	Cross, K. E. ....	Port Tampa, Fla. ....	50
4AE	Davis, Loren V. ....	St. Petersburg, Fla. ....	60
4AZ	Dunk, Thomas R. ....	1424 Laura St., Jacksonville, Fla. ....	550
4AT	Ehle, Frank R. ....	1337 Liberty St., Jacksonville, Fla. ....	330
4AQ	Fisher, C. C. ....	711 Whaley St., Columbia, S. C. ....	30
4BE	Fowler, Carl A. ....	S. N. S. Station, Athens, Ga. ....	500
4AX	Gordon, Clarence M. ....	Helena, Ga. ....	990
4AF	Humphrey, Arthur L. ....	1105 Market St., Wilmington, N. C. ....	18
4BI	Kreis, Joseph W., jr. ....	655 S. Pryor St., Atlanta, Ga. ....	36
4AR	Marbury, Ralph E. ....	26 Wesley St., Newnan, Ga. ....	500
4AD	McQuade, James H. ....	1 25th St., Miami, Fla. ....	175
4AB	Meltzer, Isador. ....	627 Margaret St., Key West, Fla. ....	225
4BJ	Milam, Ralph L. ....	1039 Highway Ave., Jacksonville, Fla. ....	150
4AJ	Moore, Victor W. ....	147 Nacoochee Ave., Athens, Ga. ....	250
4BC	Morgan, Sidney. ....	208 W. Gaston St., Savannah, Ga. ....	88
4AY	Moseley, Charles W. ....	815 Mulberry St., Columbia, S. C. ....	20
4AP	Peer, Emmitt E. ....	419 W. Duval St., Jacksonville, Fla. ....	800
4AA	Pope, Wilbur B. ....	197 Dearing St., Athens, Ga. ....	432
4BB	Rankin, Robert G., jr. ....	3 N. 9th St., Wilmington, N. C. ....	16
4AC	Rice, Elmer L. ....	1702 E. Duval St., Jacksonville, Fla. ....	880
4BL	Schoenwald, Byron B. ....	116 Nun St., Wilmington, N. C. ....	30
4AM	Sebastian, Lawrence F. ....	336 Myrtle Ave., South Jacksonville, Fla. ....	250
4BK	Simons, Mayrant. ....	Summerville, S. C. ....	1,000
4BD	Speight, Marshall C. ....	5 Johnson St., Newbern, N. C. ....	100
4AO	Swearingen, Thos. J., jr. ....	403 Prairie Ave., Gainesville, Fla. ....	990
4AV	Treisback, Robert T. ....	2228 Riverside Ave., Jacksonville, Fla. ....	500
4BM	Villareal, Dewey R. ....	412 William St., Key West, Fla. ....	100
4AK	Whiting, Charles T. ....	R. F. D. No. 6, Gainesville, Fla. ....	770
4BH	Wikle, James R. ....	619 S. Pryor St., Atlanta, Ga. ....	300
4BS	Wilmington High School	4th and Ann Sts., Wilmington, N. C. ....	220

## ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
4AA	Pope, Wilbur B.	4AW	Crevasse, Joe N.
4AB	Meltzer, Isador.	4AX	Gordon, Clarence M.
4AC	Rice, Elmer L.	4AY	Moseley, Charles W.
4AD	McQuade, James H.	4AZ	Dunk, Thomas R.
4AE	Davis, Loren V.		
4AF	Humphrey, Arthur L.	4BA	Avant, Marion C.
4AJ	Moore, Victor W.	4BB	Rankin, Robert G., jr.
4AK	Whiting, Charles T.	4BC	Morgan, Sidney.
4AL	Bangs, Philip C.	4BD	Speight, Marshall C.
4AM	Sebastian, Lawrence F.	4BE	Fowler, Carl A.
4AN	Adams, George G.	4BH	Wikle, James R.
4AO	Swearingen, Thos. J., jr.	4BI	Kreis, Joseph W., jr.
4AP	Peer, Emmitt E.	4BJ	Milam, Ralph L.
4AQ	Fisher, C. C.	4BK	Simons, Mayrant.
4AR	Marbury, Ralph E.	4BL	Schoenwald, Byron B.
4AS	Brandon, Beverly A.	4BM	Villareal, Dewey R.
4AT	Ehle, Frank R.	4BN	Cross, K. E.
4AU	Avera, William W.	4BS	Wilmington High School.
4AV	Treisback, Robert T.		

AMATEUR RADIO STATIONS—Continued.

FIFTH DISTRICT.

[Headquarters: Customhouse, New Orleans, La. The fifth district comprises the States of Alabama, Mississippi, Louisiana, Texas, Tennessee, Arkansas, Oklahoma, New Mexico.]

ALPHABETICALLY BY OWNERS OF STATIONS.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
5AC	A. & M. College of Texas.	College Station, Tex.	300
5BC	Amerine, William H.	435 S. Court St., Montgomery, Ala.	495
5AR	Beynon, Eugene T.	604 Artesian St., Corpus Christi, Tex.	496
5AX	Bonnecaze, Leonce, jr.	1428 Kerlerec St., New Orleans, La.	225
5BW	Brown, Max T.	1017 Cumberland St., Little Rock, Ark.	60
5AM	Brownell, Harold S.	1512 Phelan St., Birmingham, Ala.	500
5BD	Casey, Robert H., jr.	313 N. Main St., Cleburne, Tex.	770
5BV	Clayton, John M.	1301 Welch St., Little Rock, Ark.	15
5BR	Curtis, Earnest M.	350 Selma St., Mobile, Ala.	440
5AU	Gallo, Louis.	821 Royal St., New Orleans, La.	10
5AQ	Goldstein, Henry R.	1819 Octavia St., New Orleans, La.	75
5AS	Goodman, Louis N.	300 Main St., Starkville, Miss.	1,000
5BP	Glover, Charles W.	327 Sayre St., Montgomery, Ala.	506
5EK	Hamby, Otis.	514 S. 5th St., Temple, Tex.	50
5BJ	Hanz, Harry W.	310 Bridge St., New Braunfels, Tex.	500
5AY	Harris, Russell S.	1240 Esplanade St., New Orleans, La.	30
5BI	Harrison, Jackson W.	800 Highland Ave., Montgomery, Ala.	550
5BM	Hayes, James J., jr.	106 Brown St., Brownwood, Tex.	750
5AG	Johannsen, John, jr.	Lafayette Ave. and Miro St., New Orleans, La.	
5BK	Leroy, Louis.	1005 Rayner Ave., Memphis, Tenn.	1,000
5BQ	Lockland, Scott B.	807 Bois d'Arc St., Fort Worth, Tex.	250
5AV	Macke, William	2414 Painter St., New Orleans, La.	250
5BL	Marks, George M., jr.	615 S. Perry St., Montgomery, Ala.	220
5AH	Martin, Ben W.	438 Spring Hill Ave., Mobile, Ala.	275
5BS	McLain, Robert M.	513 W. Clinton St., Huntsville, Ala.	770
5AW	McNeil, Ernest W.	1039 Robert St., New Orleans, La.	30
5BT	Medlen, Charles C.	114 E. 3d St., Okmulgee, Okla.	1,000
5BE	Mollenhauer, Arthur E.	812 Castell St., New Braunfels, Tex.	100
5AL	Reboul, Theophile, jr.	2106 Chartres St., New Orleans, La.	500
5AD	Rorshach, Harold E.	619 N. E St., Muskogee, Okla.	870
5BN	Salzer, Harry S.	2322 N. Villere St., New Orleans, La.	450
5AT	Stone, Frank M.	7919 Jeannette St., New Orleans, La.	1,000
5AP	Thompson, Vance M.	267 Pasadena Pl., Memphis, Tenn.	880
5BA	Toups, Roy N.	1512 Ursuline St., New Orleans, La.	125
5BH	Vogler, Robert L.	Lee St. and Bringham Ave., Alexandria, La.	100
5BU	Ward, Robert P.	233 Orchard St., Georgetown, Tex.	550

ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
5AC	A. & M. College of Texas.	5AR	Beynon, Eugene T.
5AD	Rorshach, Harold E.	5AS	Goodman, Louis N.
5AG	Johannsen, John, jr.	5AT	Stone, Frank M.
5AH	Martin, Ben W.	5AU	Gallo, Louis.
5AL	Reboul, Theophile, jr.	5AV	Macke, William.
5AM	Brownell, Harold S.	5AW	McNeil, Ernest W.
5AP	Thompson, Vance M.	5AX	Bonnecaze, Leonce, jr.
5AQ	Goldstein, Henry R.	5AY	Harris, Russell S.



## AMATEUR RADIO STATIONS—FIFTH DISTRICT—ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
5BA	Toupe, Roy N.	5BP	Glover, Charles W.
5BC	Amerine, William H.	5BQ	Lockland, Scott B.
5BD	Casey, Robert H., jr.	5BR	Curtis, Earnest M.
5BE	Mollenhauer, Arthur E.	5BS	McLain, Robert M.
5BH	Vogler, Robert L.	5BT	Medlen, Charles C.
5BI	Harrison, Jackson W.	5BU	Ward, Robert P.
5BJ	Hanz, Harry W.	5BV	Clayton, John M.
5BK	Leroy, Louis.	5BW	Brown, Max T.
5BL	Marks, George M., jr.		
5BM	Hayes, James J., jr.	5EK	Hamby, Otis.
5BN	Salzer, Harry S.		

## SIXTH DISTRICT.

Headquarters: Customhouse, San Francisco, Cal. The sixth district comprises the States of California, Nevada, Utah, Arizona, and the Territory of Hawaii.]

## ALPHABETICALLY BY OWNERS OF STATIONS.

Call signal.	Owner of station.	Location of station.	Power. Watts.
6QN	Abbott, Raymond B. . . . .	1803 Cedar St., Berkeley, Cal. . . . .	250
6QD	Adam, Carl F., jr. . . . .	2830 Garber St., Berkeley, Cal. . . . .	550
6DS	Adams, Charles C. . . . .	704 E. 21st St., Los Angeles, Cal. . . . .	750
6NU	Adkins, Edward S. . . . .	143 N. Pasadena Ave., Pasadena, Cal. . . . .	500
6LF	Alexander, Lee. . . . .	182 Flora St., Bell, Cal. . . . .	35
6AAO	Alexander, Willard B. . . . .	219 W. 24th St., Los Angeles, Cal. . . . .	440
6PF	Allen, Preston D. . . . .	1410 West St., Oakland, Cal. . . . .	1,000
6LD	Anderlini, Louis J. . . . .	2012 Keith St., San Francisco, Cal. . . . .	32
6SW	Anderson, Elroy E. . . . .	80 Barson St., Santa Cruz, Cal. . . . .	550
6VM	Anderson, Herbert E. . . . .	Lindsay, Cal. . . . .	220
6KY	Andrews, Harold S. . . . .	2171 W. 29th Pl., Los Angeles, Cal. . . . .	300
6WA	Anthes, William F., jr. . . . .	230 S. 7th St., San Jose, Cal. . . . .	20
6DM	Archer, Robert P. . . . .	2912 S. Flower St., Los Angeles, Cal. . . . .	30
6FA	Arnberger, Frank, jr. . . . .	3230 Garfield Ave., Alameda, Cal. . . . .	1,000
6UA	Asadoorian, Theodore N. . . . .	1205 Garfield Ave., Pasadena, Cal. . . . .	150
6AA	Aster, Alvin K. . . . .	1814 Alameda Ave., Alameda, Cal. . . . .	1,000
6EG	Aten, Arthur B. . . . .	428 Clark St., Sherman, Cal. . . . .	250
6IC	Austin, Russell F. . . . .	210 3d St., Riverside, Cal. . . . .	250
6MF	Aymar, Clarence A. . . . .	1525 6th Ave., Oakland, Cal. . . . .	450
6MB	Baden, Merle L. . . . .	2637½ Piedmont Ave., Berkeley, Cal. . . . .	1,000
6BQ	Baer, Charles M. . . . .	Cupertino, Cal. . . . .	15
6ER	Bailey, Cecil. . . . .	R. F. D. No. 18, Los Altos, Cal. . . . .	4
6QX	Baird, Maxfield A. . . . .	913 S. Main St., Corona, Cal. . . . .	250
6HB	Baker, Harry G. . . . .	643 W. 42d Pl., Los Angeles, Cal. . . . .	900
6VJ	Barbour, Joseph L. . . . .	217 W. 8th St., Hermosa Beach, Cal. . . . .	1,000
6QL	Barker, Waldo W. . . . .	331 Lighthouse Ave., Pacific Grove, Cal. . . . .	25
6FJ	Barnum, Coit L. . . . .	9034 Hillside Ave., Oakland, Cal. . . . .	990
6BX	Barrett, Eldridge D. . . . .	720 Capp St., San Francisco, Cal. . . . .	7
6LB	Barton, Larry J. . . . .	19 Crystal Springs Rd., San Mateo, Cal. . . . .	1,000
6BP	Bauer, Roy M. . . . .	402 S. Jefferson St., Napa, Cal. . . . .	35
6VS	Bauman, Warren C. . . . .	Newcastle, Cal. . . . .	495
6QP	Beament, Thomas. . . . .	844 14th St., San Francisco, Cal. . . . .	100
6EJ	Bean, Arthur E. . . . .	1450 Washington St., San Francisco, Cal. . . . .	440
6AJ	Bean, James. . . . .	1775 Alameda Ave., San Jose, Cal. . . . .	40
6KZ	Beaver, Gerald A. . . . .	1533 Court St., Alameda, Cal. . . . .	500
6WJ	Bechtel, Warren, jr. . . . .	302 Perry St., Oakland, Cal. . . . .	500
6TN	Beckman, Philip E. . . . .	821 14th St., San Francisco, Cal. . . . .	150

## AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
6VQ	Benner, Bryan	253 N. Lake Ave., Pasadena, Cal.	250
6VW	Beraldo, Dewey	511 S. Chapel St., Alhambra, Cal.	.....
6QT	Bennett, George S.	3000 Grove St., Berkeley, Cal.	500
6FU	Bergstrom, R. Bernard	Turlock, Cal.	.....
6LX	Berlin, Latham	1525 Chestnut St., Alameda, Cal.	110
6MT	Berringer, Hall	6 Arundel Rd., Burlingame, Cal.	1,000
6JH	Berry, Charles A.	1st St., Los Altos, Cal.	12
6QF	Biber, Albert L.	1731 Noe St., San Francisco, Cal.	250
6WR	Bilger, Anson S.	407 Vernon St., Oakland, Cal.	550
6SB	Bisson, Charles S.	1734 Channing Way, Berkeley, Cal.	330
6EO	Blake, Albert W.	1055 Lincoln Ave., Pasadena, Cal.	60
6LA	Blochman, Lawrence G.	3260 1st St., San Diego, Cal.	500
6IJ	Boehme, Herbert L.	1437 6th St., Santa Monica, Cal.	500
6PM	Bolton, Harold B.	4300 Judah St., San Francisco, Cal.	250
6WB	Booth, Wilber C.	2229 Ashby Ave., Berkeley, Cal.	770
6TB	Boudinot, Truman E.	33 Navy St., Ocean Park, Cal.	500
6GB	Bowlus, Glen H.	Paxton Ave, San Fernando, Cal.	120
6PB	Bradley, Philip L.	523 19th Ave., San Francisco, Cal.	.....
6AL	Brandis, Fred A.	214 W. San Carlos St., San Jose, Cal.	30
6RA	Brandt, Robert L.	322 Grand Blvd., San Mateo, Cal.	1,000
6ND	Breck, F. Bon.	285 Mather St., Oakland, Cal.	550
6FV	Brockett, Charles	248 Olive St., Los Angeles, Cal.	250
6JB	Brown, Julian T.	2604 E. 2d St., Los Angeles, Cal.	500
6DA	Brown, Ralph E.	838 E. 22d St., Los Angeles, Cal.	275
6PZ	Brown, Robert L.	634 Franklin St., Maple, Cal.	1,000
6AP	Brown, Victor	520 2d St., San Jose, Cal.	500
6JY	Browne, G. R. A., jr.	Los Altos, Cal.	250
6RB	Brumter, Ralph	1214 E St., San Diego, Cal.	218
6IO	Buchanan, Roy J.	953 E. 22d St., Los Angeles, Cal.	550
6AM	Buckley, Ernest V.	327 Martin Ave., San Jose, Cal.	30
6FY	Buell, Clarence R.	732 56th St., Oakland, Cal.	110
6OH	Bull, Harold F.	208 S. 2d St., Sawtelle, Cal.	1,000
6RY	Bullard, Orlan K.	1655 10th St., San Diego, Cal.	550
6SO	Bunting, Howard S.	109 Forest Ave., Pacific Grove, Cal.	-1,000
6OZ	Burge, Walter M.	33 Hester Ave., San Jose, Cal.	35
6DZ	Caldwell, Duncan K.	427 Crane Ave., Turlock, Cal.	330
6NX	Calvert, Paul P.	Inglewood, Cal.	1,000
6WZ	Cappe, Delphin	710 Peninsula St., Burlingame, Cal.	1,000
6AC	Capwell, Cebert	Hillside Ave. and Kelton Court, Oakland, Cal.	270
6FC	Carey, Francis K.	2116 Thompson St., Los Angeles, Cal.	235
6NY	Carroll, Elvin K.	Capitola, Cal.	250
6SY	Carroll, Russell W.	354 Perry St., Oakland, Cal.	440
6MS	Carson, E. A.	Dominguez Station, Cal.	1,000
6KR	Center, Hugh	Race St., San Jose, Cal.	250
6QJ	Chamberlain, George E.	121 N. 6th St., Sawtelle, Cal.	250
6AG	Chamberlain, Leon H.	553 27th St., Oakland, Cal.	550
6IE	Chambers, James	427 Banks St., San Francisco, Cal.	500
6JZ	Charters, John R.	2606 E. 1st St., Los Angeles, Cal.	250
6JC	Chase, John H.	1323 Lemon St., Riverside, Cal.	300
6AD	Childs, Ralph S.	3050 Hopkins St., Oakland, Cal.	500
6EZ	Christie, A. Edwin	1052 Cole St., San Francisco, Cal.	.....
6QC	Christensen, V. H.	72 Lundy's Lane, San Francisco, Cal.	100
6AU	Clark, Paul U.	898 S. 8th St., San Jose, Cal.	18
6DD	Clark, Victor M.	1336 E. Colorado St., Pasadena, Cal.	600
6AAF	Collins, Wayne A.	788 19th St., Oakland, Cal.	250
6LC	Comins, Frank L.	Niles, Cal.	500
6OD	Cook, John A.	1504 Locust St., Long Beach, Cal.	250
6RC	Cook, J. Ralph	1221 Oxford St., Berkeley, Cal.	357
6DI	Cookson, Howard A.	465 University Ave., Palo Alto, Cal.	1,000

## AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
6CY	Cooper, Charles P.....	66 Linda Ave., Oakland, Cal.....	330
6CA	Corby, Grant W.....	1129 W. 6th St., Los Angeles, Cal.....	330
6IQ	Cornell, Ezra B.....	18 Culloden Park, San Rafael, Cal.....	500
6RT	Cornish, Lester R.....	107 3d St., Pacific Grove, Cal.....	750
6WC	Cornish, Warren D.....	107 3d St., Pacific Grove, Cal.....	500
6WQ	Cowles, John.....	28 Butler Ave., San Francisco, Cal.....	330
6HC	Craig, Harold F.....	696 2d St., San Pedro, Cal.....	300
6UP	Creswell, Frank, jr.....	833 W. 58th St., Los Angeles, Cal.....	500
6FX	Cross, Fred M.....	144 N. Beaudry St., Los Angeles, Cal.....	660
6NJ	Cunningham, Edward J.....	Santa Clara, Cal.....	250
6DE	Curtis, Burbank.....	832 Linden St., Long Beach, Cal.....	250
6WI	Cusick, William J.....	2595 Folsom St., San Francisco, Cal.....	250
6PV	Czapkay, Edward.....	Albany, Cal.....	250
6BS	Davidson, G. Edward.....	419 6th St., Richmond, Cal.....	250
6TW	Davidson, Stanley E.....	617 Fallon St., Oakland, Cal.....	500
6EP	Davis, Elwood.....	876 N. Orange Grove Ave., Pasadena, Cal.....	500
6OI	Dawson, J. Percy.....	783 Oakland Ave., Pasadena, Cal.....	500
6GD	Day, Elwin C.....	4304 19th St., San Francisco, Cal.....	12
6FD	Deardorf, Francis H.....	Los Altos, Cal.....	12
6AQ	De La Cruz, George.....	706 W. San Carlos St., San Jose, Cal.....	500
6UJ	Delius, Herbert A.....	2057 Alameda Ave., Alameda, Cal.....	500
6EN	de Neuf, Emil A.....	1538 Russell St., Berkeley, Cal.....	80
6DW	De Wald, Alfred S.....	Felton, Cal.....	500
6HD	Dickow, Henry.....	413 26th Ave., San Francisco, Cal.....	1,000
6OK	Dillon, Lyle.....	757 Carondelet St., Los Angeles, Cal.....	125
6KC	Dinley, Laurence J.....	850 E. 49th Pl., Los Angeles, Cal.....	250
6QE	Dodge, Earl E.....	170 Athol Ave., Oakland, Cal.....	300
6KE	Dogan, Kenneth D.....	1115 Cole St., San Francisco, Cal.....	1,000
6OV	Doig, John H., jr.....	1029 Washington St., San Diego, Cal.....	575
6NO	Donaldson, Ernest S.....	Pearl and 14th Sts., Santa Monica, Cal.....	250
6WP	Donelson, William E., jr.....	1215 West Ave., Eureka, Cal.....	25
6VN	Dorcy, Ben H., jr.....	190 Ocean View Ave., Santa Cruz, Cal.....	1,000
6OF	Doty, Arthur H.....	2135 California St., Eureka, Cal.....	275
6AZ	Downing, Alan S.....	2510 Fruitvale Ave., Oakland, Cal.....	500
6LT	Downs, LaRoy.....	108 N. Pasadena Ave., Pasadena, Cal.....	300
6RG	Downs, Robert.....	1062 10th St., San Diego, Cal.....	250
6BV	Drake, Charles.....	422 22d St., Richmond, Cal.....	50
6PO	Drath, Walter J.....	682 34th St., Oakland, Cal.....	15
6KD	Dutton, Kingsley.....	1447 Salem St., Glendale, Cal.....	500
6HE	Eastling, Harvey.....	2659 Folsom St., San Francisco, Cal.....	250
6HY	Ebeling, Hyde S.....	444 Delmas Ave., San Jose, Cal.....	15
6WX	Ebert, Howard W.....	455 Orchard St., San Jose, Cal.....	500
6QV	Echlin, Jack E.....	460 Vernon St., Oakland, Cal.....	500
6GZ	Edgar, George P.....	Broadmoor Blvd., San Leandro, Cal.....	250
6BJ	Edwards, Lewis W.....	903 Wilshire St., Sawtelle, Cal.....	550
6NM	Eidemiller, Charles H.....	1110 Summit Ave., Pasadena, Cal.....	15
6EK	Eiferle, Chrisie.....	3018 Boulevard Ave., Fruitvale, Cal.....	500
6TE	Eisenhuth, Thomas V.....	2138 McKinley St., Berkeley, Cal.....	250
6OU	Eldredge, George E.....	2731 Benvenue Ave., Berkeley, Cal.....	1,000
6NZ	Emmerling, Herbert J.....	439 3d Ave., San Francisco, Cal.....	250
6QM	Ensign, Millard J.....	4420 Falcon St., San Diego, Cal.....	500
6DL	Espe, Oliver E.....	4425 S. Main St., Los Angeles, Cal.....	1,000
6RE	Espen, Elmer R.....	425 Hawthorne St., Stockton, Cal.....	100
6ST	Evans, Bryan.....	Presidio of Monterey, Cal.....	1,000
6FI	Eveleth, Harlan A.....	2805 Russell St., Berkeley, Cal.....	440
6UT	Everard, Charles E.....	895 E. 56th St., Los Angeles, Cal.....	400
6CZ	Everard, Charles E.....	158 Bruce Ave., Pasadena, Cal.....	400
6KM	Everett, J. Victor.....	Huntington Beach, Cal.....	20
6UY	Everhart, Laurence.....	2320 E. 3d St., Los Angeles, Cal.....	
6VF	Falk, Victor H.....	64 S. 10th St., San Jose, Cal.....	

AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
6FL	Faneuf, Forrest E.....	153 Water St., Santa Cruz, Cal.....	250
6FB	Farlinger, Ernest.....	227 2d St., Richmond, Cal.....	495
6GF	Farmer, Gordon.....	Clearwater, Cal.....	50
6TR	Farrell, Raymond.....	2326 Pacific Ave., Alameda, Cal.....	
6IF	Farwell, Ivyn.....	2230 9th St., Berkeley, Cal.....	250
6FE	Felt, Clarence J.....	1732 Channing Way, Berkeley, Cal.....	330
6ET	Fenner, Paul R.....	1338 Masonic Ave., San Francisco, Cal.....	42
6II	Ferguson, E. Franklin.....	596 Newton Ave., San Diego, Cal.....	25
6HV	Ferrill, Herbert E.....	Bostonia, Cal.....	
6KF	Filben, Frank.....	37 Hester Ave., San Jose, Cal.....	679
6QQ	Finnell, Phillip S.....	2251 Green St., San Francisco, Cal.....	500
6CB	Fisher, Frank L.....	661 Buchon St., San Luis Obispo, Cal.....	40
6JU	Fisher, Jules.....	2214 Carlton St., Berkeley, Cal.....	38
6TC	Fisher, Thomas A.....	Perry, Cal.....	900
6KW	Fisk, Alfred C.....	524 Almond Ave., Long Beach, Cal.....	250
6HF	Flenner, Harry A.....	1695 Granada Ave., San Diego, Cal.....	500
6ED	Flinaspach, J. Henry.....	403 E. Citrus Ave., Redlands, Cal.....	250
6QU	Floud, J. Harold.....	260 3d Ave., San Francisco, Cal.....	250
6FO	Fones, Robert.....	832 Cleveland St., Oakland, Cal.....	1,000
6SQ	Fonseca, Arthur.....	2610 Valdez St., Oakland, Cal.....	100
6WF	Ford, Walter B.....	3653 Arnold St., San Diego, Cal.....	500
6JF	Forsburg, Joe A.....	1616 Josephine St., Berkeley, Cal.....	250
6NQ	Francis, Ernest R.....	Mountain View, Cal.....	50
6FK	Frank, Walter.....	465 18th St., San Diego, Cal.....	450
6UM	Freeman, Elmer D.....	Nordhoff, Cal.....	120
6FH	French, Donald K.....	3027 Capp St., Fruitvale, Cal.....	250
6RF	Frier, Robert L.....	1017 W. 17th St., Los Angeles, Cal.....	250
6BK	Frost, William H.....	473 Minor Ave., San Jose, Cal.....	20
6CX	Fruk, Carl G.....	1345 Northside Ave., Berkeley, Cal.....	250
6AAE	Garcia, David.....	3434 Hollis St., Oakland, Cal.....	500
6GA	Garratt, Edward D.....	1308 Crown Hill Ave., Los Angeles, Cal.....	300
6JW	Gaunice, Henry.....	2530 Gaunice St., Berkeley, Cal.....	990
6UH	Gates, Howard C.....	E. Kingsley Ave., Pomona, Cal.....	
6GJ	Gaugh, H. E. F.....	1379 Boston Ave., San Diego, Cal.....	400
6NG	Gerlach, Leonard.....	Point Richmond, Cal.....	100
6GE	Gerlach, William G.....	512 Crofton Ave., Oakland, Cal.....	470
6ON	Germain, H.....	1450 Pacific Ave., San Francisco, Cal.....	500
6LG	Gianini, Leo G.....	535 5th Ave., San Francisco, Cal.....	60
6US	Gibson, Walter L.....	2324 Dennison St., East Oakland, Cal.....	25
6AAG	Gilbert, Phillip H.....	387 W. 8th St., Pomona, Cal.....	1,000
6PG	Gildersleeve, Given.....	506 Calistoga Ave., Napa, Cal.....	50
6QK	Gill, Fred M.....	2715 4th St., Ocean Park, Cal.....	750
6PG	Gillmore, Purcell.....	375 N. Fair Oaks Ave., Pasadena, Cal.....	200
6AAH	Gilstrap, L. Frederick.....	517 N. Curtis Ave., Alhambra, Cal.....	160
6MG	Glindemann, Melvern.....	825 Fillmore St., San Francisco, Cal.....	495
6BM	Godwin, Merle H.....	19 Grigsby Court, Napa, Cal.....	300
6UZ	Gosmann, Jack L.....	2389 W. 31st St., Los Angeles, Cal.....	250
6GO	Goes, William M.....	516 Bath St., Santa Barbara, Cal.....	500
6VC	Gottwald, Eugene A.....	404 S St., Eureka, Cal.....	250
6JG	Gould, Gordon.....	2265 Clinton Ave., Alameda, Cal.....	24
6FG	Granger, Floyd.....	305 Phelps St., Redwood, Cal.....	
6BG	Grates, John.....	634 Citrus Ave., Redlands, Cal.....	30
6LP	Gray, Clifford.....	Stevens Creek Rd., San Jose, Cal.....	120
6RX	Gray, Harold G.....	2604 9th Ave., Oakland, Cal.....	420
6AAK	Green, Carl V., jr.....	317 E. 49th St., Los Angeles, Cal.....	495
6AR	Greenquist, Elmer A.....	516 W. San Carlos St., San Jose, Cal.....	225
6AAI	Gregory, Merle M.....	1011 Orchard St., Santa Rosa, Cal.....	40
6EE	Griffin, Clyde S.....	Stevinson, Cal.....	
6LL	Griffith, William M.....	139 Pierce St., San Francisco, Cal.....	25
6DH	Grimes, W. Frank.....	103 N. Pasadena Ave., Pasadena, Cal.....	1,000

## AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
6DP	Grundell, Hubert.....	285 11th St., San Pedro, Cal.....	20
6LR	Guenther, Leo H.....	309 W. Ortega St., Santa Barbara, Cal.....	500
6AN	Guidotti, W. F.....	745 W. San Fernando St., San Jose, Cal.....	115
6GU	Gurnette, Bernard A.....	51 Beaver St., San Francisco, Cal.....	330
6GC	Hall, Gordon V.....	1446 National Ave., San Diego, Cal.....	500
6TH	Hall, Thomas C.....	1278 Market St., San Francisco, Cal.....	500
6VP	Hancock, Hadys D.....	Venice Pier, Venice, Cal.....	1,000
6CQ	Hanson, Earl C.....	2534 4th Ave., Los Angeles, Cal.....	330
6RH	Hare, Ralph M.....	74 Castro St., San Francisco, Cal.....	95
6TZ	Harmon, Orville A.....	2742 35th Ave., Oakland, Cal.....	500
6CG	Harty, Courtenay E.....	5167 Wilton Pl., Los Angeles, Cal.....	200
6PQ	Harvey, George C.....	San Fernando, Cal.....	250
6CH	Haun, John K.....	152 E. 36th Pl., Los Angeles, Cal.....	330
6IH	Hazleton, Ralph L.....	53 Bryce St., Santa Cruz, Cal.....	220
6KP	Heagney, Elmer D.....	901 S. Center St., Stockton, Cal.....	250
6UK	Head's Business College	San Francisco, Cal.....	1,000
6AAC	Heaney, Clarence M.....	374 22d Ave., San Francisco, Cal.....	500
6HN	Heinz, Albert.....	127 N. F St., San Mateo, Cal.....	330
6WD	Hemsley, Will.....	430 20th St., San Diego, Cal.....	450
6AAB	Hemenway, Clyde C.....	1407 Vermont St., San Francisco, Cal.....	50
6PS	Henn, Charles W.....	1468 47th Ave., San Francisco, Cal.....	250
6UL	Herzog, Aurelius.....	1468 La Playa St., San Francisco, Cal.....	125
6DC	Hibbard, Charles H., jr.....	156 Bellefontaine St., Pasadena, Cal.....	500
6WH	Hill, William F.....	2348 G St., San Diego, Cal.....	500
6CC	Hilleary, Frank J.....	2600 E. 2d St., Los Angeles, Cal.....	400
6NF	Hillier, H. H.....	337 Rosemont Ave., Pasadena, Cal.....	200
6HZ	Hoffman, Harold H.....	625 Forest Ave., Pacific Grove, Cal.....	.....
6LU	Hoffman, Lucien C.....	315 3d Ave., San Francisco, Cal.....	500
6RD	Hogaboom, Raymond.....	4924 Guizot St., San Diego, Cal.....	55
6DQ	Holmes, Joseph J.....	135 Ripley Ave., Richmond, Cal.....	250
6FQ	Holt, Felix.....	2042 Albatross St., San Diego, Cal.....	500
6NL	Horton, Stephen E.....	235 N. Mentor St., Pasadena, Cal.....	600
6SI	Hoyt, Leander L.....	Hayward, Cal.....	250
6LH	Hunt, Lloyd F.....	Inglewood, Cal.....	770
6BW	Hyde, Stanley E.....	403 1/2 S. Bonnie Brae St., Los Angeles, Cal.....	330
6PI	Hyndman, Elmore.....	638 E. 23d St., Los Angeles, Cal.....	250
6SJ	Indart, Carl A.....	170 S. Rowan Ave., Los Angeles, Cal.....	500
6IR	Irey, Earl R.....	3667 3d St., San Diego, Cal.....	500
6LI	Isacs, Louis R.....	1200 Regent St., Alameda, Cal.....	648
6JI	Jackson, Chester M.....	4025 Brookdale Ave., Oakland, Cal.....	1,000
6JA	Janes, Charles V.....	38 Jupiter St., San Francisco, Cal.....	32
6JJ	Jessup, John H.....	2620 Cedar St., Berkeley, Cal.....	250
6JO	Johnson, Clarence N.....	730 Julian Ave., San Diego, Cal.....	500
6SA	Johnson, F. Kenneth.....	715 E. 43d Ave., Los Angeles, Cal.....	1,000
6TP	Johnson, Harold M.....	15 King St., San Jose, Cal.....	27
6NR	Johnson, J. William.....	1716 Toberman St., Los Angeles, Cal.....	440
6TI	Johnson, Melvern L.....	720 52d St., Oakland, Cal.....	250
6MY	Johnston, Robert.....	734 K St., Eureka, Cal.....	250
6MJ	Jones, Myron A.....	4190 41st St., San Diego, Cal.....	500
6RJ	Jones, Russell B.....	1041 Stanyan St., San Francisco, Cal.....	250
6KX	Jones, Walter.....	615 L St., Eureka, Cal.....	250
6VL	Kaiser, Erlin.....	1665 9th St., San Diego, Cal.....	45
6BL	Kather, Karl E.....	104 Wilson St., Napa, Cal.....	250
6OM	Kaufmann, Irwin.....	56 20th Ave., San Francisco, Cal.....	500
6WN	Kelly, Wallace N.....	Redondo, Cal.....	1,000
6UF	Kemp, Thomas J.....	950 Atlantic Ave., Long Beach, Cal.....	500
6RK	Kerns, Roy.....	219 Russell St., Berkeley, Cal.....	250
6AH	Kessell, James H.....	551 Willis Ave., San Jose, Cal.....	20
6CE	Kilto, Carl.....	506 Fremont Ave., Los Angeles, Cal.....	400
6KK	Kincaid, Kenneth.....	1604 S. Hope St., Los Angeles, Cal.....	250

## AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			Watts.
60Q	King, Clarence A.	1141 Garfield Ave., Pasadena, Cal.	500
6EX	King, William E.	80 Elgin Park, San Francisco, Cal.	250
6CK	Kinsael, Charles M.	396 Oakland Ave., Oakland, Cal.	550
6KI	Kispert, Charles H.	1748 Quesada Ave., San Francisco, Cal.	
6JK	Klemgard, James G.	947 Cedar Ave., Long Beach, Cal.	345
6WK	Koerber, Walter A.	1099 N. Wilson Ave., Pasadena, Cal.	660
6UE	Kramer, Augustus A.	6th St. and Margarita Ave., Coronado, Cal.	500
6HK	Krauter, Howard R.	850 W. 43d Pl., Los Angeles, Cal.	990
6IW	Kreiss, Rudolph L.	1062 Stannage Ave., Berkeley, Cal.	440
6PK	Kyes, Percy L.	617 Eucalyptus Ave., Riverside, Cal.	500
6HW	La Barre, Harold J.	64 W. Colorado St., Pasadena, Cal.	280
6LY	Ladley, William A.	Yohoma St., Napa, Cal.	250
6VI	Lambert, Tom.	1077 16th St., Oakland, Cal.	750
6KB	Lankston, Jesse M.	152 Ohio Ave., Sawtelle, Cal.	1,000
6SL	Leach, Stanley P.	2049 10th Ave., Oakland, Cal.	495
6LE	Lee, Daniel.	2259 Green St., San Francisco, Cal.	250
6TM	Lee, Howard R.	1580 Grove St., San Francisco, Cal.	500
6VO	Lee, John A.	134 N. Johnston St., Los Angeles, Cal.	1,000
6IZ	Leeper, Ernest W.	648 4th St., San Bernardino, Cal.	1,000
6EL	Le Fevre, Eugene.	243 Boniview Ave., San Francisco, Cal.	100
6WL	Leland, Wallace H.	912 Indian Rock Ave., Berkeley, Cal.	1,000
6HL	Linhoff, Harold R.	416 Winona Ave., Pasadena, Cal.	250
6UI	Lindsay, Edward G.	1145 Brunswick St., San Francisco, Cal.	500
6AAJ	Linville, Charles R.	307 N. Curtis Ave., Alhambra, Cal.	50
6VX	Loos, William V.	3012 Western Ave., Los Angeles, Cal.	220
6PU	Lordge, Albert.	931 Jefferson St., San Jose, Cal.	250
6LO	Lory, C. S.	3839 7th St., San Diego, Cal.	25
6VD	Loudon, Donald F.	2272 4th St., San Diego, Cal.	45
6LQ	Lowe, Sam K.	6433 Benvenue Ave., Oakland, Cal.	1,000
6CP	Lowe, William E.	1300 Garfield Ave., South Pasadena, Cal.	500
6AAL	Lyon, John D.	Altadena, Cal.	500
6SF	Mack, S. Franklin.	541 Pine Ave., Pacific Grove, Cal.	500
6MV	MacMullen, Gerald.	2231 1st St., San Diego, Cal.	200
6GQ	Magee, Clark.	854 E. 47th St., Los Angeles, Cal.	330
6MX	Magill, Clyde E.	E. 6th St., Ontario, Cal.	200
6MN	Maher, Edward T.	3109 Grove St., Oakland, Cal.	250
6EQ	Maher, Zacheus J.	2211 Hayes St., San Francisco, Cal.	476
6AAD	Mahn, Erich G.	29 Saturn St., San Francisco, Cal.	30
6BR	Manasse, Mervyn H.	618 Franklin St., Napa, Cal.	30
6WT	Mann, Frank W.	Saratoga, Cal.	18
6HM	Mansfelt, J. Harold.	2590 Pine St., San Francisco, Cal.	
6EM	Marlin, Evan S.	Capitola, Cal.	
6OX	Martin, Andrew W., jr.	894 Waller St., San Francisco, Cal.	500
6KS	Martin, Neal D.	2018 Delaware St., Berkeley, Cal.	
6LM	Martinelli, Lloyd A.	1512 Shrader St., San Francisco, Cal.	50
6CU	Maskey, Franklin F.	822 E. 33d St., Los Angeles, Cal.	30
6BO	Mattoon, Stanley F.	San Carlos, Cal.	30
6IM	Matsuda, Fukuzo.	2921 Pine St., San Francisco, Cal.	500
6MA	Max, Charles A.	Morrill Road, San Jose, Cal.	500
6UW	Maynes, Walter W.	207 Hugo St., San Francisco, Cal.	225
6LK	McCargar, Lincoln.	1413 16th St., Oakland, Cal.	1,000
6OA	McCartney, George.	4226 Brighton Ave., Los Angeles, Cal.	250
6CF	McClatchy, Keith.	Hawthorne and Ivy Sts., Inglewood, Cal.	1,000
6IU	McCleery, Ralph A.	3435 Eagle St., Los Angeles, Cal.	1,000
6IX	McCreey, Maurice E.	700 W. 32d St., Los Angeles, Cal.	440
6PY	McCullough, Harold.	San Fernando, Cal.	250
6PJ	McDonald, Byron C.	85 S. El Molino St., Pasadena, Cal.	1,000
6TO	McFern, Arthur L.	1652 Berendo St., Los Angeles, Cal.	500
6JL	McGiffin, James.	2835 Vallecito Pl., Oakland, Cal.	220
6MC	McGown, Dudley B.	1247 47th Ave., San Francisco, Cal.	500

## AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
6HJ	McIntosh, Harold St. J.	249 Bixel St., Los Angeles, Cal.	500
6MM	McKay, Malcolm D.	1635 Grant St., Berkeley, Cal.	50
6MZ	McKimmins, Mark	849 Laurel St., Alameda, Cal.	500
6RM	McLaughlin, Richard A.	420 5th Ave., San Francisco, Cal.	50
6FM	McNabb, Floyd R.	1886 Harmon St., Berkeley, Cal.	880
6MR	McRoberts, Lewis H.	3960 Elm St., San Diego, Cal.	50
6DJ	Merritt, Lawrence G.	252 Clinton St., Pasadena, Cal.	600
6JM	Michaels, Joe G.	327 7th St., Richmond, Cal.	50
6NV	Midgley, Roland	Menlo Park, Cal.	50
6IA	Miles, Frederick F.	1811 Encinal Ave., Alameda, Cal.	250
6QY	Miley, Jerome.	585 Bellefontaine Ave., Pasadena, Cal.	250
6KT	Miller, Walter G.	18 Hester Ave., San Jose, Cal.	
6KJ	Mills, Eldon C.	425 Orchard St., San Jose, Cal.	15
6MI	Mirsky, Sylvian S.	1834 McAllister St., San Francisco, Cal.	500
6BE	Mitchell, John C.	Mark West, Cal.	42
6AI	Mooers, Ernest.	155 N. 9th St., San Jose, Cal.	1,000
6BI	Moore, Ezra.	108 11th St., Redlands, Cal.	500
6MO	Moore, Leon A.	3961 Juniper St., San Diego, Cal.	100
6CM	Moore, Paul.	116 Berkeley Way, Whittier, Cal.	500
6PP	Mora, Frank S.	306 12th St., Oakland, Cal.	1,000
6SS	Morrow, James W.	389 63d St., Oakland, Cal.	1,000
6WM	Morse, Willard A.	416 E. 7th St., Oakland, Cal.	500
6VY	Morton, J. Walter.	610 Bellefontaine Ave., Pasadena, Cal.	220
6WO	Mulford, Walter F.	3900 Geary St., San Francisco, Cal.	375
6MU	Murray, Donald W.	70 Eureka St., Pasadena, Cal.	120
6QG	Nelson, Martin A.	65 Alverado St., San Leandro, Cal.	1,000
6NB	Neumann, Edward R.	2 Mastick Ter., Alameda, Cal.	500
6NE	Newbould, C. Percy.	351 26th St., San Diego, Cal.	
6HQ	Newton, Henry G.	5th St. and Bay Blvd., Coronado, Cal.	80
6KN	Nicholson, Knox W.	721 17th St., Oakland, Cal.	
6NA	Nielsen, Anders.	849 Athens Ave., Oakland, Cal.	200
6OR	Nielsen, Fred.	136 Caine Ave., San Francisco, Cal.	354
6NI	Nilli, Emil.	34 Hester Ave., San Jose, Cal.	60
6HA	Niver, Henry A.	618 E. Center St., Anaheim, Cal.	660
6SD	Northon, Selden.	385 61st St., Oakland, Cal.	1,000
6RN	Norton, Russell.	825 1st St., Napa, Cal.	
6AW	Nozler, Claud E.	228 University St., Healdsburg, Cal.	500
6PT	Nulsen, William B.	545 San Benito St., Los Angeles, Cal.	40
6BC	Oldham, William G., jr.	720 Mendocino Ave., Santa Rosa, Cal.	125
6OB	Oliver, Leslie R.	1116 N. Catalina Ave., Pasadena, Cal.	275
6LJ	Olmstead, William H.	1433 J St., Eureka, Cal.	1,000
6HO	Olschefskey, Henry H.	283 Ney St., San Francisco, Cal.	80
6BZ	O'Neill, Frank J. M.	1423 Oxford St., Berkeley, Cal.	1,000
6UQ	Osborne, Butler D.	153 6th Ave., San Francisco, Cal.	500
6OY	Oyarzo, Ben.	343 49th St., Oakland, Cal.	220
6HP	Pampinella, Harold.	1755 Hayes St., San Francisco, Cal.	50
6TK	Parker, Paul V.	490 Geary St., San Francisco, Cal.	500
6GK	Parkin, Gladys K.	22 Terradillo Ave., San Rafael, Cal.	
6LV	Passage, Raye L.	1966 Bonita Ave., Los Angeles, Cal.	1,000
6PA	Pattison, Alexander.	3881 Telegraph Ave., Oakland, Cal.	15
6VG	Patton, Claude W.	195 Hill Ave., Pasadena, Cal.	1,000
6DG	Patton, Nelson.	194 N. El Molino Ave., Pasadena, Cal.	330
6JV	Paul, Jack.	184 Edgewood Ave., San Francisco, Cal.	25
6PN	Pearson, Harry.	1015 W. 78th St., Los Angeles, Cal.	250
6SP	Peck, C. Sherman.	1033 Cole St., San Francisco, Cal.	20
6OL	Petersen, Odin T.	490 E. 48th St., Los Angeles, Cal.	220
6FP	Peterson, Frank E.	2615 Virginia St., Berkeley, Cal.	250
6CD	Peterson, Walter.	2177 W. 29th Pl., Los Angeles, Cal.	440
6LW	Phelps, Allen G.	611 E. 17th St., Santa Ana, Cal.	150
6TD	Phelps, Carl A.	810 Petaluma Ave., San Rafael, Cal.	1,000

AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
6KH	Philippi, Charles E.....	3467 E. 5th St., Los Angeles, Cal.....	Watts. 250
6MK	Phillips, Manuel.....	1050 Cotton St., East Oakland, Cal.....	1,000
6IV	Pierson, Walter.....	Walnut Creek, Cal.....	500
6AE	Pinard, Vivian E.....	505 San Salvador St., San Jose, Cal.....	20
6RP	Pittman, Roy F.....	1001 N. Pacific Ave., Glendale, Cal.....	1,000
6UO	Polkinghorn, Frank A.....	180 W. Date St., Riverside, Cal.....	150
6AO	Portal, Emile A.....	142 Vine St., San Jose, Cal.....	32
6GP	Post, George W.....	715 1/2 Lyon St., San Francisco, Cal.....	15
6CR	Potter, Lee Roy.....	Maple and Spadra Sts., Fullerton, Cal.....	990
6BF	Powell, Meade W.....	Cole Bldg., Warren, Ariz.....	263
6NW	Preasley, Jackson H.....	1003 Mariposa Ave., Berkeley, Cal.....	275
6PR	Preston, Alva W.....	Euclid Ave., Garden Grove, Cal.....	.....
6QO	Preston, Harold.....	Hayward, Cal.....	250
6PD	Pridham, Bertrand.....	835 Randolph St., Pomona, Cal.....	1,000
6DV	Proesser, Norman I.....	R. F. D. No. 2, Pasadena, Cal.....	990
6RV	Querolo, Louis.....	892 Isabella St., Oakland, Cal.....	250
6TQ	Quitsov, Chauncey M.....	2871 Logan Ave., San Diego, Cal.....	500
6UB	Ray, George.....	318 7th St., San Pedro, Cal.....	330
6UV	Reed, Carroll F.....	683 7th Ave., San Francisco, Cal.....	495
6PL	Reilly, John F.....	2425 94th Ave., Oakland, Cal.....	240
6SG	Reiner, Rudolf.....	155 Front St., Santa Cruz, Cal.....	1,000
6UR	Richards, Hugh F.....	Hughson, Cal.....	250
6RQ	Richardson, Charles, jr.....	406 W. 28th St., Los Angeles, Cal.....	20
6EB	Richardson, Charles, jr.....	929 W. 50th Pl., Los Angeles, Cal.....	330
6JP	Richardson, Leslie.....	558 Chenery St., San Francisco, Cal.....	384
6RI	Richman, Clinton.....	541 W. Commonwealth St., Fullerton, Cal.....	1,000
6RZ	Riee, Paul E.....	302 San Jose Ave., Los Gatos, Cal.....	300
6JX	Riley, William M.....	115 E. Haley St., Santa Barbara, Cal.....	330
6FR	Rodgers, Frank.....	82 Echo Ave., Oakland, Cal.....	.....
6NK	Rohrig, Russell S.....	501 S. Oakland Ave., Pasadena, Cal.....	500
6PE	Rogatsky, Carl H.....	526 16th St., San Diego, Cal.....	250
6BT	Rogers, Henry J.....	Vacaville, Cal.....	30
6BD	Rogers, Stuart De Witt.....	312 Orange St., Santa Rosa, Cal.....	200
6VH	Root, John.....	710 Pacific Ave., San Pedro, Cal.....	330
6GN	Rose, George E.....	105 Grattan St., San Francisco, Cal.....	250
6RO	Roussin, Cecil J.....	364 Lincoln Ave., Pasadena, Cal.....	.....
6RU	Rowley, Burton H.....	202 Cypress Ave., Santa Ana, Cal.....	1,000
6HR	Royden, Herbert N., jr.....	311 Ellsworth Ave., San Mateo, Cal.....	1,000
6GR	Rucker, George A.....	2639 Grant St., Berkeley, Cal.....	500
6EU	Rumble, Ernest.....	114 G St., Napa, Cal.....	250
6DR	Sandham, Bert E.....	1122 W. 55th St., Los Angeles, Cal.....	300
6MP	Saveker, William T.....	1156 Park Ave., San Jose, Cal.....	25
6IS	Sawyer, Irving W.....	Capitola, Cal.....	.....
6HS	Schade, Henry.....	15 Bennington St., San Francisco, Cal.....	180
6ES	Schaefer, Carl.....	3118 Stillson Ave., Sacramento, Cal.....	550
6QS	Schaefer, Frank.....	336 Forrest St., Oakland, Cal.....	250
6OS	Scheidemantel, Oscar A.....	823 E. 28th St., Los Angeles, Cal.....	550
6VT	Schleicher, Lorenz D.....	2728 E. 2d St., Los Angeles, Cal.....	500
6TS	Schneider, Tony.....	424 20th Ave., San Francisco, Cal.....	24
6WS	Schneider, William P.....	2716 22d St., Fruitvale, Cal.....	15
68C	Schroder, Harold L.....	666 53d St., Oakland, Cal.....	250
6QZ	Schwartz, Sylvain A.....	1726 Sutter St., San Francisco, Cal.....	1,000
6EA	Seefred, Howard C. and Lyndon F.....	339 S. Fremont Ave., Los Angeles, Cal.....	250
6TF	Seely, Frank.....	2615 Etna St., Berkeley, Cal.....	500
6CT	Seidel, William E.....	2717 Brighton Ave., Los Angeles, Cal.....	500
6QI	Seidl, Alexander.....	3252 Prentiss St., Oakland, Cal.....	60
6NT	Selby, Charles J.....	3316 Market St., Oakland, Cal.....	500
6SE	Serex, John F.....	1820 Central Ave., Alameda, Cal.....	100
6UU	Shaffner, Lucius.....	1320 Illinois St., Los Angeles, Cal.....	500



## AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. <i>Watts.</i>
6UN	Shaw, William A.....	924 26th St., San Diego, Cal.....	550
6SH	Shippam, Cecil H.....	3939 I St., San Diego, Cal.....	330
6FS	Short, Frank A.....	846 Walnut St., Riverside, Cal.....	270
6KO	Short, Ralph R.....	160 Dearborn St., Pasadena, Cal.....	1,000
6JS	Silvershield, Bernhard J.....	832 W. 92d St., Los Angeles, Cal.....	36
6AX	Simney, Albert W.....	300 Joaquin Ave., San Leandro, Cal.....	275
6VR	Sisson, Waldo L.....	229 S. Cummings St., Los Angeles, Cal.....	550
6SK	Skaale, Arthur J.....	2937 Martinez Ave., Berkeley, Cal.....	250
6LZ	Slaght, Edward L.....	752 S. 9th St., San Jose, Cal.....	180
6LS	Smelser, Laurel J.....	318 2d St., Napa, Cal.....	500
6SM	Smith, Hazel P.....	138 Wilshire St., Fullerton, Cal.....	250
6SX	Smith, Jesse A.....	1853 E. 53d St., Los Angeles, Cal.....	100
6QH	Smith, Marion R.....	Calaveras St., Pasadena, Cal.....	500
6NC	Smith, Norman E.....	115 I Ave., Coronado, Cal.....	.....
6TV	Soprano, Anthony.....	245 Clement St., San Francisco, Cal.....	250
6AS	Soules, Ernest H.....	75 Bush St., San Jose, Cal.....	18
6TG	Speir, Godfrey B.....	2731 Dwight Way, Berkeley, Cal.....	500
6GI	Spelt, George S.....	539 Day St., San Francisco, Cal.....	500
6OE	Spence, Victor J.....	415 Bartlett St., San Francisco, Cal.....	50
6OJ	Spencer, Oscar J.....	35 Douglass St., San Francisco, Cal.....	90
6QA	St. Sure, Pettes.....	1209 La Fayette St., Alameda, Cal.....	300
6TY	Standiford, Vaughn H.....	382 Central Ave., Pacific Grove, Cal.....	550
6JR	Stauffer, John.....	601 Broderick St., San Francisco, Cal.....	250
6CO	Storm, Hans O.....	707 W. Broadway, Anaheim, Cal.....	495
6CJ	Stowe, Theodore E.....	41st Ave., Capitola, Cal.....	60
6GH	Stricker, George H., jr.....	1411 Oxford St., Berkeley, Cal.....	500
6SZ	Strong, Stuart E.....	268 Jayne St., Oakland, Cal.....	1,000
6WG	Strong, William A.....	721 Petaluma St., San Rafael, Cal.....	1,000
6SN	Sunderland, Arthur G.....	92 Mary St., Pasadena, Cal.....	990
6VB	Sundquist, Fred.....	2153 Albee St., Eureka, Cal.....	500
6SU	Sutherland, Clarence.....	2334 94th Ave., Oakland, Cal.....	990
6GS	Swartout, Glenn.....	1044 77th St., Los Angeles, Cal.....	500
6CV	Swinerton, Kenneth.....	1242 W. 51st St., Los Angeles, Cal.....	275
6AAN	Sykes, Joseph.....	453 S. Hope St., Los Angeles, Cal.....	110
6EH	Taylor, Frank G.....	512 Oak St., San Francisco, Cal.....	100
6HX	Taylor, Howard L.....	394 15th St., San Pedro, Cal.....	330
6HI	Tessien, Henry.....	2929 Octavia St., Oakland, Cal.....	220
6TX	Thacker, Roy M.....	931 Concord St., Los Angeles, Cal.....	800
6HT	Thayer, Halsey.....	2123 Oak St., Los Angeles, Cal.....	440
6TA	Thompson, Harold P.....	101 Rivoli St., San Francisco, Cal.....	500
6JT	Tibbitts, Jonathan C.....	1246 St. Charles St., Alameda, Cal.....	1,000
6GT	Timmermann, Gustave.....	256 California Ave., San Francisco, Cal.....	160
6TT	Tournat, Thomas.....	Garden Grove, Cal.....	250
6KG	Tripp, Dwight K.....	933 Gramercy Drive, Los Angeles, Cal.....	250
6AY	Tuggy, Arthur W.....	1289 Lemon St., Riverside, Cal.....	185
6FZ	Uhl, Fred, jr.....	436 S. Church St., Visalia, Cal.....	1,000
6DT	Underwood, Ernest G.....	Commercial St., Inglewood, Cal.....	250
6HU	Unger, Harry J.....	228 Grattan St., San Francisco, Cal.....	50
6JQ	Valentin, H.....	Fort St., Honolulu, Hawaii.....	500
6KA	Valentin, H.....	Kaimuki St., Honolulu, Hawaii.....	250
6AB	Valentine, Philip C.....	246 Perry St., Oakland, Cal.....	425
6GI	Van Auken, George L.....	McKee and Jackson Sta., San Jose, Cal.....	.....
6LN	Van Cleave, Louis V.....	325 S. Flower St., Los Angeles, Cal.....	250
6OP	Van Horn, Kenneth.....	1457 E. 50th St., Los Angeles, Cal.....	60
6NH	Van Liew, Samuel C.....	825 Main St., Long Beach, Cal.....	100
6GV	Van Wagner, George.....	22 Franklin St., Santa Cruz, Cal.....	990
6KU	Vaughan, J. H.....	2325 Broadway, Oakland, Cal.....	800
6SV	Verney, Stanley S.....	406 Grand Blvd., San Mateo, Cal.....	216
6DF	Vogelcy, Herbert H.....	341 Chestnut Ave., Long Beach, Cal.....	20
6VU	Vonderheide, Harold H.....	Carson City, Nev.....	220

AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
6VK	von Konigsberg, Charles.	1044 E. 15th St., Oakland, Cal . . . . .	25
6BA	Wadsworth, Claude E. . . . .	468 Matheson St., Healdsburg, Cal. . . . .	250
600	Walden, Myran . . . . .	1050 48th St., Oakland, Cal. . . . .	600
60C	Wallace, Donald C. . . . .	1431 Linden Ave., Long Beach, Cal. . . . .	150
61G	Wallace, Edward A. . . . .	156 Water St., Santa Cruz, Cal. . . . .	1,000
6VV	Wallace, Forrest P. . . . .	120 S. Monterey St., Alhambra, Cal. . . . .	220
6CL	Walters, Clarence O. . . . .	4326 Grand Ave., Los Angeles, Cal. . . . .	350
6KQ	Ward, Charles D. . . . .	2026 Center St., Berkeley, Cal. . . . .	250
6TJ	Warner, Stafford W. . . . .	1829 West St., Oakland, Cal. . . . .	250
6RR	Waterman, Russell R. . . . .	4561 38th St., San Diego, Cal. . . . .	80
6QW	Waters, John E. . . . .	2642 Baycroft Way, Berkeley, Cal. . . . .	1,000
6WW	Webb, Walter R. . . . .	700 E. 47th St., Los Angeles, Cal. . . . .	50
6CS	Webber, Franklin C. . . . .	632 N. Bunker Hill Ave., Los Angeles, Cal. . . . .	750
6CI	Weber, Anton M. . . . .	252 W. 43d St., Los Angeles, Cal. . . . .	350
6WE	Weddell, Clarence C. . . . .	553 Willis Ave., San Jose, Cal. . . . .	
6RW	Weisbrod, Raymond H. . . . .	314 Lucas Ave., Los Angeles, Cal. . . . .	250
6OW	Welling, Orville E. . . . .	582 58th St., Oakland, Cal. . . . .	550
6PX	Welsch, Louie . . . . .	R. F. D. No. 1, Visalia, Cal. . . . .	1,000
6JE	Welsh, Joseph E. . . . .	55 Eureka St., Pasadena, Cal. . . . .	60
6EY	Werner, Edward A. . . . .	2313 9th St., West Berkeley, Cal. . . . .	1,000
6GW	Werner, George W., jr. . . . .	3039 Adeline St., Berkeley, Cal. . . . .	250
6DK	Wescott, Laurence M. . . . .	Ocean Beach, Cal. . . . .	50
6PW	Weymouth, Percy E. . . . .	1916 Woolsey St., Berkeley, Cal. . . . .	1,000
6DX	Wheelock, Charles D. . . . .	1235 Lemon St., Riverside, Cal. . . . .	65
6UX	Whidden, Ira P. . . . .	47-A Homestead Rd., Santa Clara, Cal. . . . .	150
6AF	White, Clarence E. . . . .	3024 Blossom St., Fruitvale, Cal. . . . .	1,000
6VA	White, G. Richard . . . . .	435 Oakland Ave., Pasadena, Cal. . . . .	250
6FT	Wiese, Fred T. . . . .	4174 17th St., San Francisco, Cal. . . . .	500
6RL	Wiley, Ralph W. . . . .	1250 26th Ave., San Francisco, Cal. . . . .	500
6AAM	Willey, Oscar F. . . . .	292 King St., Santa Cruz, Cal. . . . .	250
6WV	Williams, Creah . . . . .	228 E. San Carlos St., San Jose, Cal. . . . .	30
6GX	Williams, George F. . . . .	2700 High St., Oakland, Cal. . . . .	500
6UG	Williams, Tom A. . . . .	421 7th St., San Pedro, Cal. . . . .	330
6BH	Williamson, Harry . . . . .	10 S. Church St., Redlands, Cal. . . . .	30
6OG	Willis, Fred S. . . . .	2140 California St., Eureka, Cal. . . . .	25
6QB	Wilmot, Allen G. . . . .	2114 3d Ave., Los Angeles, Cal. . . . .	500
6NP	Wilson, J. Vernon . . . . .	3847 6th St., San Diego, Cal. . . . .	25
6ME	Wilson, Maurice E. . . . .	431 E. Victoria St., Santa Barbara, Cal. . . . .	1,000
6VZ	Winser, Lindley . . . . .	200 22d St., Bakersfield, Cal. . . . .	440
6IT	Winship, Leslie W. . . . .	4820 Jackdaw St., San Diego, Cal. . . . .	6
6MW	Wood, Melvin S. . . . .	5101 S. Main St., Los Angeles, Cal. . . . .	1,000
6AK	Wright, John W. . . . .	657 Asbury St., San Jose, Cal. . . . .	30
6QR	Wright, Melvin H. . . . .	241 18th St., Richmond, Cal. . . . .	125
6WU	Wulbern, Henry . . . . .	1720 Nason St., Alameda, Cal. . . . .	660
6EI	Young, Bert C. . . . .	1401 W. 9th St., Los Angeles, Cal. . . . .	550
6WY	Young, William H. . . . .	829 E. 18th St., Oakland, Cal. . . . .	250
6EW	Zahniser, Charles L. . . . .	320 Lexington Ave., Rust, Cal. . . . .	
6MQ	Zangraft, Thomas J. . . . .	479 Cypress St., Pasadena, Cal. . . . .	990

ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
6AA	Aster, Alvin K.	6AAE	Garcia, David.
6AAB	Hemenway, Clyde C.	6AAF	Collins, Wayne A.
6AAC	Heaney, Clarence M.	6AAG	Gilbert, Phillip H.
6AAD	Mahn, Erich G.	6AAH	Gilstrap, L. Frederick.

AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
6AAI	Gregory, Merle M.	6CG	Harty, Courtenay E.
6AAJ	Linville, Charles R.	6CH	Haun, John K.
6AAK	Green, Carl B., jr.	6CI	Weber, Anton M.
6AAL	Lyon, John D.	6CJ	Stowe, Theodore E.
6AAM	Willey, Oscar F.	6CK	Kinsel, Charles M.
6AAN	Sykes, Joseph.	6CL	Walters, Clarence O.
6AAO	Alexander, Willard B.	6CM	Moore, Paul.
6AB	Valentine, Philip C.	6CO	Storm, Hans O.
6AC	Capwell, Cebert.	6CP	Lowe, William E.
6AD	Childs, Ralph S.	6CQ	Hanson, Earl C.
6AE	Pinard, Vivian E.	6CR	Potter, Lee Roy.
6AF	White, Clarence E.	6CS	Webber, Franklin C.
6AG	Chamberlain, Leon H.	6CT	Seidel, William E.
6AH	Kessel, James H.	6CU	Maskey, Franklin E.
6AI	Mooers, Ernest.	6CV	Swinerton, Kenneth.
6AJ	Bean, James.	6CX	Frunk, Carl G.
6AK	Wright, John W.	6CY	Cooper, Charles P.
6AL	Brandis, Fred A.	6CZ	Everard, Charles E.
6AM	Buckley, Ernest V.		
6AN	Guidotti, W. F.	6DA	Brown, Ralph E.
6AO	Portal, Emile A.	6DC	Hibbard, Charles H., jr.
6AP	Brown, Victor.	6DD	Clark, Victor M.
6AQ	De La Cruz, George.	6DE	Curtis, Burbank.
6AR	Greenquist, Elmer A.	6DF	Vogele, Herbert H.
6AS	Soules, Ernest H.	6DG	Patton, Nelson.
6AU	Clark, Paul U.	6DH	Grimes, W. Frank.
6AW	Nosler, Claud E.	6DI	Cookson, Howard A.
6AX	Simney, Albert W.	6DJ	Merritt, Lawrence G.
6AY	Tuggy, Arthur W.	6DK	Wescott, Laurence M.
6AZ	Downing, Alan S.	6DL	Espe, Oliver E.
		6DM	Archer, Robert P.
6BA	Wadsworth, Claude E.	6DP	Grundell, Hubert.
6BC	Oldham, William G., jr.	6DQ	Holmes, Joseph J.
6BD	Rogers, Stuart De Witt.	6DR	Sandham, Bert E.
6BE	Mitchell, John C.	6DS	Adams, Charles C.
6BF	Powell, Meade W.	6DT	Underwood, Ernest G.
6BG	Grates, John.	6DV	Prosser, Norman I.
6BH	Williamson, Harry.	6DW	De Wald, Alfred S.
6BI	Moore, Ezra.	6DX	Wheelock, Charles D.
6BJ	Edwards, Lewis W.	6DZ	Caldwell, Duncan K.
6BK	Frost, William H.		
6BL	Kather, Karl E.	6EA	Seefred, Howard C. and Lyn- don F.
6BM	Godwin, Merle H.	6EB	Richardson, Charles, jr.
6BO	Mattoon, Stanley F.	6ED	Flinspach, J. Henry.
6BP	Bauer, Roy M.	6EE	Griffin, Clyde S.
6BQ	Baer, Charles M.	6EG	Aten, Arthur B.
6BR	Manasse, Mervyn H.	6EH	Taylor, Frank G.
6BS	Davidson, G. Edward.	6EI	Young, Bert C.
6BT	Rogers, Henry J.	6EJ	Bean, Arthur E.
6BV	Drake, Charles.	6EK	Eiferle, Christie.
6BW	Hyde, Stanley E.	6EL	Le Fevre, Eugene.
6BX	Barrett, Eldridge D.	6EM	Marlin, Evan S.
6BZ	O'Neill, Frank J. M.	6EN	de Neuf, Emil A.
		6EO	Blake, Albert W.
6CA	Corby, Grant W.	6EP	Davis, Elwood.
6CB	Fisher, Frank L.	6EQ	Maher, Zacheus J.
6CC	Hilleary, Frank J.	6ER	Bailey, Cecil.
6CD	Peterson, Walter.	6ES	Schaefer, Carl.
6CE	Kilto, Carl.	6ET	Fenner, Paul R.
6CF	McClatchy, Keith.		

AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY CALL SIGNALS —  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
6EU	Rumble, Ernest.	6HF	Flenner, Harry A.
6EW	Zahniser, Charles L.	6HI	Tessien, Henry.
6EX	King, William E.	6HJ	McIntosh, Harold St. J.
6EY	Werner, Edward A.	6HK	Krauter, Howard R.
6EZ	Christie, A. Edwin.	6HL	Linhoff, Harold R.
6FA	Arnberger, Frank, jr.	6HM	Mansfelt, J. Harold.
6FB	Farlinger, Ernest.	6HN	Heinz, Albert.
6FC	Carey, Francis K.	6HO	Olechefsky, Henry H.
6FD	Deardorf, Francis H.	6HP	Pampinella, Harold.
6FE	Felt, Clarence J.	6HQ	Newton, Henry G.
6FG	Granger, Floyd.	6HR	Royden, Herbert N., jr.
6FH	French, Donald K.	6HS	Schade, Henry.
6FI	Eveleth, Harlan A.	6HT	Thayer, Halsey.
6FJ	Barnum, Coit L.	6HU	Unger, Harry J.
6FK	Frank, Walter.	6HV	Ferrill, Herbert E.
6FL	Faneuf, Forrest E.	6HW	La Barre, Harold J.
6FM	McNabb, Floyd R.	6HX	Taylor, Howard L.
6FO	Fones, Robert.	6HY	Ebeling, Hyde S.
6FP	Peterson, Frank E.	6HZ	Hoffman, Harold H.
6FQ	Holt, Felix.	6IA	Miles, Frederick F.
6FR	Rodgers, Frank.	6IC	Austin, Russell F.
6FS	Short, Frank A.	6IE	Chambers, James.
6FT	Wiess, Fred T.	6IF	Farwell, Ivyn.
6FU	Bergstrom, R. Bernard.	6IG	Wallace, Edward A.
6FV	Brockett, Charles.	6IH	Hazleton, Ralph L.
6FX	Cross, Fred M.	6II	Ferguson, E. Franklin.
6FY	Buell, Clarence R.	6IJ	Boehme, Herbert L.
6FZ	Uhl, Fred, jr.	6IM	Matsuda, Fukuzo.
6GA	Garratt, Edward D.	6IO	Buchanan, Roy J.
6GB	Bowlus, Glen H.	6IQ	Cornell, Ezra B.
6GC	Hall, Gordon V.	6IR	Irey, Earl R.
6GD	Day, Elwin C.	6IS	Sawyer, Irving W.
6GE	Gerlach, William G.	6IT	Winship, Leslie W.
6GF	Farmer, Gordon.	6IU	McCleery, Ralph A.
6GG	Gildersleeve, Given.	6IV	Pierson, Walter.
6GH	Stricker, George H., jr.	6IW	Kreiss, Rudolph L.
6GI	Spelt, George S.	6IX	McCreery, Maurice E.
6GJ	Gaugh, H. E. F.	6IZ	Leeper, Ernest W.
6GK	Parkin, Gladys K.	6JA	Janes, Charles V.
6GL	Van Auken, George L.	6JB	Brown, Julian T.
6GN	Rose, George E.	6JC	Chase, John H.
6GO	Goss, William M.	6JE	Welsh, Joseph E.
6GP	Post, George W.	6JF	Forsburg, Joe A.
6GQ	Magee, Clark.	6JG	Gould, Gordon.
6GR	Rucker, George A.	6JH	Berry, Charles A.
6GS	Swartout, Glenn.	6JI	Jackson, Chester M.
6GT	Timmermann, Gustave.	6JJ	Jessup, John H.
6GU	Gurnette, Bernard A.	6JK	Klemgard, James G.
6GV	Van Wagner, George.	6JL	McGiffin, James.
6GW	Werner, George W., jr.	6JM	Michaels, Joe G.
6GX	Williams, George F.	6JO	Johnson, Clarence N.
6GZ	Edgar, George P.	6JP	Richardson, Leslie.
6HA	Niver, Henry A.	6JQ	Valentin, H.
6HB	Baker, Harry G.	6JR	Stauffer, John.
6HC	Craig, Harold F.	6JS	Silvershield, Bernhard J.
6HD	Dickow, Henry.	6JT	Tibbitts, Jonathan O.
6HE	Eastling, Harvey.	6JU	Fisher, Jules.
		6JV	Paul, Jack.

## AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
6JW	Gastman, Henry.	6ME	Wilson, Maurice E.
6JX	Riley, William M.	6MF	Aymar, Clarence A.
6JY	Browne, G. R. A., jr.	6MG	Glindemann, Melvern.
6JZ	Charters, John R.	6MI	Mirsky, Sylvian S.
6KA	Valentin, H.	6MJ	Jones, Myron A.
6KB	Lankston, Jesse M.	6MK	Phillips, Manuel.
6KC	Dinley, Laurence J.	6MM	McKay, Malcom D.
6KD	Dutton, Kingsley.	6MN	Maher, Edward T.
6KE	Dogan, Kenneth D.	6MO	Moore, Leon A.
6KF	Filben, Frank.	6MP	Saveker, William T.
6KG	Tripp, Dwight K.	6MQ	Zangraft, Thomas J.
6KH	Philippi, Charles E.	6MR	McRoberts, Lewis H.
6KI	Kispert, Charles H.	6MS	Carson, E. A.
6KJ	Mills, Eldon C.	6MT	Berringer, Hall.
6KK	Kincaid, Kenneth.	6MU	Murray, Donald W.
6KM	Everett, J. Victor.	6MV	MacMullen, Gerald.
6KN	Nicholson, Knox W.	6MW	Wood, Melvin S.
6KO	Short, Ralph R.	6MX	Magill, Clyde E.
6KP	Heagney, Elmer D.	6MY	Johnston, Robert.
6KQ	Ward, Charles D.	6MZ	McKimmins, Mark.
6KR	Center, Hugh.	6NA	Nielsen, Anders.
6KS	Martin, Neal D.	6NB	Neumann, Edward R.
6KT	Miller, Walter G.	6NC	Smith, Norman E.
6KU	Vaughan, J. H.	6ND	Breck, F. Bon.
6KW	Fisk, Alfred C.	6NE	Newbould, C. Percy.
6KX	Jones, Walter.	6NF	Hillier, H. H.
6KY	Andrews, Harold S.	6NG	Gerlach, Leonard.
6KZ	Beaver, Gerald A.	6NH	Van Liew, Samuel C.
6LA	Blochman, Lawrence G.	6NI	Nilli, Emil.
6LB	Barton, Larry J.	6NJ	Cunningham, Edward J.
6LC	Comins, Frank L.	6NK	Roehrig, Russell S.
6LD	Anderlini, Louis J.	6NL	Horton, Stephen E.
6LE	Lee, Daniel.	6NM	Eidemiller, Charles H.
6LF	Alexander, Lee.	6NO	Donaldson, Ernest S.
6LG	Gianini, Leo G.	6NP	Wilson, J. Vernon.
6LH	Hunt, Lloyd F.	6NQ	Francis, Ernest R.
6LI	Isaacs, Louis R.	6NR	Johnson, J. William.
6LJ	Olmstead, William H.	6NT	Selby, Charles J.
6LK	McCargar, Lincoln.	6NU	Adkins, Edward S.
6LL	Griffith, William M.	6NV	Midgley, Roland.
6LM	Martinelli, Lloyd A.	6NW	Pressley, Jackson H.
6LN	Van Cleave, Louis V.	6NX	Calvert, Paul P.
6LO	Lory, C. S.	6NY	Carroll, Elvin K.
6LP	Gray, Clifford.	6NZ	Emmerling, Herbert J.
6LQ	Lowe, Sarn K.	6OA	McCartney, George.
6LR	Guenther, Leo H.	6OB	Oliver, Leslie R.
6LS	Smelser, Laurel J.	6OC	Wallace, Donald C.
6LT	Downs, La Roy.	6OD	Cook, John A.
6LU	Hoffman, Lucien C.	6OE	Spence, Victor J.
6LV	Passage, Raye L.	6OF	Doty, Arthur H.
6LW	Phelps, Allen G.	6OG	Willis, Fred S.
6LX	Berlin, Latham.	6OH	Bull, Harold F.
6LY	Ladley, William A.	6OI	Dawson, J. Percy.
6LZ	Slaght, Edward L.	6OJ	Spencer, Oscar J.
6MA	Max, Charles A.	6OK	Dillon, Lyle.
6MB	Baden, Merle L.	6OL	Petersen, Odin T.
6MC	McGown, Dudley B.	6OM	Kaufmann, Irwin.
		6ON	Germain, H.

AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
60O	Walden, Myran.	6QX	Baird, Maxfield A.
60P	Van Horn, Kenneth.	6QY	Miley, Jerome.
60Q	King, Clarence A.	6QZ	Schwartz, Silvain A.
60R	Nielsen, Fred.		
60S	Scheidemantel, Oscar A.	6RA	Brandt, Robert L.
60U	Eldredge, George E.	6RB	Brumter, Ralph.
60V	Doig, John H., jr.	6RC	Cook, J. Ralph.
60W	Welling, Orville E.	6RD	Hogaboom, Raymond.
60X	Martin, Andrew W., jr.	6RE	Espfen, Elmer R.
60Y	Oyarzo, Ben.	6RF	Frier, Robert L.
60Z	Burge, Walter M.	6RG	Downs, Robert.
		6RH	Hare, Ralph M.
6PA	Pattison, Alexander.	6RI	Richman, Clinton.
6PB	Bradley, Philip L.	6RJ	Jones, Russell B.
6PD	Pridham, Bertrand.	6RK	Kerns, Roy.
6PE	Rogatsky, Carl H.	6RL	Wiley, Ralph W.
6PF	Allen, Preston D.	6RM	McLaughlin, Richard A.
6PG	Gillmore, Purcell.	6RN	Norton, Russell.
6PI	Hyndman, Elmore.	6RO	Roussin, Cecil J.
6PJ	McDonald, Byron C.	6RP	Pittman, Roy F.
6PK	Kyes, Percy L.	6RQ	Richardson, Charles, jr.
6PL	Reilly, John F.	6RR	Waterman, Russell R.
6PM	Bolton, Harold B.	6RT	Cornish, Lester R.
6PN	Pearson, Harry.	6RU	Rowley, Burton H.
6PO	Drath, Walter J.	6RV	Querolo, Louis.
6PP	Mora, Frank S.	6RW	Weisbrod, Raymond H.
6PQ	Harvey, George C.	6RX	Gray, Harold G.
6PR	Preston, Alva W.	6RY	Bullard, Orlan K.
6PS	Henn, Charles W.	6RZ	Riese, Paul E.
6PT	Nulsen, William B.		
6PU	Lordge, Albert.	6SA	Johnson, F. Kenneth.
6PV	Czapka, Edward.	6SB	Bisson, Charles S.
6PW	Weymouth, Percy E.	6SC	Schroder, Harold L.
6PX	Welsch, Louie.	6SD	Northon, Selden.
6PY	McCullough, Harold.	6SE	Serex, John F.
6PZ	Brown, Robert L.	6SF	Mack, S. Franklin.
		6SG	Reiner, Rudolf.
6QA	St. Sure, Pettes.	6SH	Shippam, Cecil H.
6QB	Wilnot, Allen G.	6SI	Hoyt, Leander L.
6QC	Christensen, V. H.	6SJ	Indart, Carl A.
6QD	Adam, Carl F., jr.	6SK	Skaale, Arthur J.
6QE	Dodge, Earl E.	6SL	Leach, Stanley P.
6QF	Biber, Albert L.	6SM	Smith, Hazel P.
6QG	Nelson, Martin A.	6SN	Sunderland, Arthur G.
6QH	Smith, Marion R.	6SO	Bunting, Howard S.
6QI	Seidl, Alexander.	6SP	Peck, C. Sherman.
6QJ	Chamberlain, George E.	6SQ	Fonseca, Arthur.
6QK	Gill, Fred M.	6SS	Morrow, James W.
6QL	Barker, Waldo W.	6ST	Evans, Bryan.
6QM	Ensign, Millard J.	6SU	Sutherland, Clarence.
6QN	Abbott, Raymond B.	6SV	Verney, Stanley S.
6QO	Preston, Harold.	6SW	Anderson, Elroy E.
6QP	Beament, Thomas.	6SX	Smith, Jesse A.
6QQ	Finnell, Phillip S.	6SY	Carroll, Russell W.
6QR	Wright, Melvin H.	6SZ	Strong, Stuart E.
6QS	Schafer, Frank.		
6QT	Bennett, George S.	6TA	Thompson, Harold P.
6QU	Floud, J. Harold.	6TB	Boudinot, Truman E.
6QV	Echlin, Jack E.	6TC	Fisher, Thomas A.
6QW	Waters, John E.	6TD	Phelps, Carl A.

AMATEUR RADIO STATIONS—SIXTH DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
6TE	Eisenhuth, Thomas V.	6VD	Loudon, Donald F.
6TF	Seely, Frank.	6VF	Falk, Victor H.
6TG	Speir, Godfrey B.	6VG	Patton, Claude W.
6TH	Hall, Thomas C.	6VH	Root, John.
6TI	Johnson, Melvern L.	6VI	Lambert, Tom.
6TJ	Warner, Stafford W.	6VJ	Barbour, Joseph L.
6TK	Parker, Paul V.	6VK	von Konigsberg, Charles.
6TM	Lee, Howard R.	6VL	Kaiser, Erlin.
6TN	Beckman, Philip E.	6VM	Anderson, Herbert E.
6TO	McFern, Arthur L.	6VN	Dorcy, Ben H., jr.
6TP	Johnson, Harold M.	6VO	Lee, John A.
6TQ	Quitsow, Chauncey M.	6VP	Hancock, Hadys D.
6TR	Farrell, Raymond.	6VQ	Benner, Bryan.
6TS	Schneider, Tony.	6VR	Sisson, Waldo L.
6TT	Tournat, Thomas.	6VS	Bauman, Warren C.
6TV	Soprano, Anthony.	6VT	Schleicher, Lorenz D.
6TW	Davidson, Stanley E.	6VU	Vonderheide, Harold H.
6TX	Thacker, Roy M.	6VV	Wallace, Forrest P.
6TY	Standiford, Vaughn H.	6VW	Beraldo, Dewey.
6TZ	Harmon, Orville A.	6VX	Loos, William V.
		6VY	Morton, J. Walter.
		6VZ	Winser, Lindley.
6UA	Asadoorian, Theodore N.	6WA	Anthes, William F., jr.
6UB	Ray, George.	6WB	Booth, Wilber C.
6UE	Kramer, Augustus A.	6WC	Cornish, Warren D.
6UF	Kemp, Thomas J.	6WD	Hemsley, Will.
6UG	Williams, Tom A.	6WE	Weddell, Clarence C.
6UH	Gates, Howard C.	6WF	Ford, Walter B.
6UI	Lindsay, Edward G.	6WG	Strong, William A.
6UJ	Delius, Herbert A.	6WH	Hill, William F.
6UK	Heald's Business College.	6WI	Cusick, William J.
6UL	Herzog, Aurelius.	6WJ	Bechtel, Warren, jr.
6UM	Freeman, Elmer D.	6WK	Koerber, Walter A.
6UN	Shaw, William A.	6WL	Leland, Wallace H.
6UO	Polkinghorn, Frank A.	6WM	Morse, Willard A.
6UP	Creswell, Frank, jr.	6WN	Kelly, Wallace N.
6UQ	Osborne, Butler D.	6WO	Mulford, Walter F.
6UR	Richards, Hugh F.	6WP	Donelson, William E., jr.
6US	Gibson, Walter L.	6WQ	Cowles, John.
6UT	Everard, Charles E.	6WR	Bigler, Anson S.
6UU	Shaffner, Lucius.	6WS	Schneider, William P.
6UV	Reed, Carroll F.	6WT	Mann, Frank W.
6UW	Maynes, Walter W.	6WU	Wulbern, Henry.
6UX	Whidden, Ira P.	6WV	Williams, Creah.
6UY	Everhart, Laurence.	6WW	Webb, Walter R.
6UZ	Gosmann, Jack L.	6WX	Ebert, Howard W.
		6WY	Young, William H.
		6WZ	Capps, Delphin.
6VA	White, G. Richard.		
6VB	Sundquist, Fred.		
6VC	Gottwald, Eugene A.		

## AMATEUR RADIO STATIONS—Continued.

## SEVENTH DISTRICT.

[Headquarters: Customhouse, Seattle, Wash. The seventh district comprises the States of Oregon, Washington, Idaho, Montana, Wyoming, and the Territory of Alaska.]

## ALPHABETICALLY BY OWNERS OF STATIONS.

Call signal.	Owner of station.	Location of station.	Power.
7EA	Adams, Edison	1020 1/2 Tacoma Ave., Tacoma, Wash.	50 <i>Watts.</i>
7AB	Anderson, Alfred S.	1253 Grand Ave., Astoria, Ore.	100
7CB	Bennett, Cecil H.	Rainier, Ore.	500
7AT	Bennett, Henry	3125 Oakes Ave., Everett, Wash.	660
7AS	Bird, Lester F.	909 Blewett St., Seattle, Wash.	470
7DB	Bolstad, Archie L.	1832 4th Ave. W., Seattle, Wash.	16
7FB	Boswell, George	3887 16th St. SW., Seattle, Wash.	440
7HB	Breum, Helmer O.	3416 S. Madison St., Tacoma, Wash.	200
7BB	Brown, David M.	4943 73d St. SE., Portland, Ore.	100
7GB	Butterfield, George H.	815 Kearney St., Portland, Ore.	960
7WC	Cates, Walter C.	1704 Franklin St., Vancouver, Wash.	1,000
7VC	Coburn, William D.	Ashland, Ore.	550
7EC	Covey, E. Channing	2429 Baker Ave., Everett, Wash.	1,000
7DC	Crockett, George D.	1420 Hawthorne Ave., Portland, Ore.	240
7AP	Crosley, Jack	1053 Vaughn St., Portland, Ore.	500
7HC	Cutting, H. Everett	231 W. Main St., Bozeman, Mont.	500
7AC	Dailey, Arthur C.	3915 Colby Ave., Everett, Wash.	550
7HD	Davis, Hubert A.	1904 Canoe Pl., Seattle, Wash.	500
7PD	Davis, Percy E.	28 E. 60th St., Portland, Ore.	450
7AN	Dolloff, Ralph E.	3724 Colby Ave., Everett, Wash.	660
7AD	Douglas, Alfred E.	824 East E St., Grants Pass, Ore.	1,000
7MD	Durkee, Mealon	713 St. Helens Ave., Tacoma, Wash.	500
7CE	Eichelberger, H. Carl	715 N. 9th St., Boise, Idaho	770
7BA	Elbon, Jennings	2122 Commercial St., Astoria, Ore.	500
7ME	Elliott, Morton W.	635 S. Atlantic St., Dillon, Mont.	300
7CF	Farrar, Clyde L.	311 Wimer St., Ashland, Ore.	55
7FF	Farris, Frank E.	1604 Spring St., Olympia, Wash.	250
7EF	Ford, Edwin D., jr.	Weiser, Idaho	150
7GF	Gibbs, Floyd F.	512 E. 4th St., Hood River, Ore.	275
7CG	Gillespie, Charles R.	Kalama, Wash.	75
7RO	Grant, Robert E.	1317 Fort St., Boise, Idaho	500
7FG	Gruwell, Fred N.	616 Concord St., Bremerton, Wash.	500
7CH	Hansen, Carl L.	5415 6th Ave. NW., Seattle, Wash.	400
7BD	Hapner, Harry	1213 Harris St., South Bellingham, Wash.	50
7AH	Hardesty, Adolph	195 3d St., Astoria, Ore.	.....
7EE	Hawkins, Edward K.	1800 27th Ave. S., Seattle, Wash.	250
7HH	Hayden, Harold L.	560 Balm St., Walla Walla, Wash.	275
7GC	Henny, George C.	530 Heights Ter., Portland, Ore.	32
7GH	Hess, George F.	1604 Van Buren St., Corvallis, Ore.	330
7HI	Higman, Harry H.	Hamilton, Mont.	200
7PH	Hoffmann, Philip	621 S. 1st St., Walla Walla, Wash.	220
7AQ	Holm, Paul E.	422 Blackstone St., Portland, Ore.	100
7HU	Hursh, Harold H.	Medical Springs, Ore.	600
7EJ	Jackson, Edgar F.	1135 Thurman St., Portland, Ore.	150
7DJ	John, D. Morris	745 N. 9th St., Corvallis, Ore.	.....
7AI	Johnson, Clifford E.	1004 N. Adams St., Tacoma, Wash.	450
7GJ	Johnson, Gale H.	124 Queen Anne Ave., Seattle, Wash.	660
7JJ	Johnson, Joseph E.	2716 Grand Ave., Everett, Wash.	495
7HJ	Jones, Henry L.	1111 E. Cherry St., Seattle, Wash.	250
7AK	Koester, Alpha M.	Near North Powder, Ore.	450
7EL	La Pine, Earl	1747 26th Ave. N., Seattle, Wash.	550
7LA	Larson, Walter L.	1700 W. 57th St., Seattle, Wash.	500
7CL	Law, Charles J.	Union, Ore.	1,000
7FW	Lee, Emery H. I.	1412 Summit Ave., Seattle, Wash.	550
7FL	Ling, Frank Moy	506 Mill St., Portland, Ore.	50
7HI.	Longmire, Harold D.	408 S. 32d St., Tacoma, Wash.	125



## AMATEUR RADIO STATIONS—SEVENTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
7MM	Mathison, Martin J. ....	4102 N. 13th St., Tacoma, Wash. ....	220
7HM	McCandless, Howard F. ....	204 S. Tacoma Ave., Tacoma, Wash. ....	1, 000
7MC	McClelland, Joseph S. ....	1128 15th St., Seattle, Wash. ....	500
7AW	Meals, Owen E. ....	Valdez, Alaska	250
7JO	Methven, John H. ....	Ronald-by-Roslyn, Wash. ....	12
7MH	Middlekauff, Mark H. ....	N. 27th St., Corvallis, Oreg. ....	-----
7EM	Miller, E. Clarence. ....	504 E. Republican St., Seattle, Wash. ....	130
7DM	Minkler, Darrell. ....	240 C St., Ashland, Oreg. ....	550
7MI	Minter, John W. ....	610 E. 19th St., Cheyenne, Wyo. ....	1, 000
7AG	Moe, George. ....	4118 N. 16th St., Tacoma, Wash. ....	320
7RD	Montgomery, Jack H. ....	5006 52d St. SE., Portland, Oreg. ....	100
7RC	Mood, George T. ....	Clarkston, Wash. ....	100
7GM	Moore, Gale L. ....	4735 58th St. SE., Portland, Oreg. ....	1, 000
7LN	Nagle, Leo W. ....	1109 Washington St., Vancouver, Wash. ....	1, 000
7IN	Nelson, Ivan L. ....	1003 N. 12th St., Boise, Idaho ....	495
7ON	Nicholson, W. Otto. ....	3115 S. 7th St., Tacoma, Wash. ....	1, 000
7RE	Nitschke, Erville W. ....	346 E. 34th St., Portland, Oreg. ....	100
7SN	Norman, Stacy W. ....	137 N. 79th St., Seattle, Wash. ....	500
7IO	O'Donoghue, Ivan. ....	355 Almond St., Ashland, Oreg. ....	50
7KP	Pennebaker, Kenneth T. ....	R. F. D. No. 1, Tangent, Wash. ....	250
7CP	Peterson, C. Edward. ....	1008 Raleigh St., Portland, Oreg. ....	375
7CW	Peterson, Charles W. ....	2922 3d Ave. W., Seattle, Wash. ....	500
7EP	Peterson, Edward T. ....	718 E. Ash St., Portland, Oreg. ....	45
7AO	Piercy, Russell H. ....	313 Tillamook St., Portland, Oreg. ....	100
7HP	Pyle, Howard S. ....	3311 S. 37th Ave., Seattle, Wash. ....	-----
7WR	Rogers, Wilber L. ....	2304 Monroe St., Corvallis, Oreg. ....	-----
7AV	Root, Charles W. ....	905 Jersey St., St. Johns, Oreg. ....	150
7AR	Root, Dellmar A. ....	631 Buchanan St., St. Johns, Oreg. ....	475
7LR	Ross, Lindsley W. ....	590 Main St., Portland, Oreg. ....	936
7JQ	Roy, James. ....	2028 6th Ave., Seattle, Wash. ....	50
7BC	Ruth, Orin S. ....	622 W. G St., Grants Pass, Oreg. ....	500
7AF	Scrutton, Gerald. ....	330 E. 35th St., Portland, Oreg. ....	300
7DS	Shingler, Don G. ....	208 W. 19th St., Cheyenne, Wyo. ....	150
7AA	Skyles, Theron G. ....	522 11th St., Astoria, Oreg. ....	75
7US	Slewing, Vere T. ....	531 W. Palm St., Medford, Oreg. ....	1, 000
7HS	Slocum, Herbert R. ....	47 E. 9th St. South, Portland, Oreg. ....	300
7VS	Small, Vincent. ....	2322 Wetmore Ave., Everett, Wash. ....	935
7LS	Smith, Lloyd T. ....	468 Oak St., Ashland, Oreg. ....	250
7AJ	Sorensen, Chester J. ....	4031 Quimby St., Portland, Oreg. ....	100
7WS	Sparrow, William T. ....	932 W. 63d St., Seattle, Wash. ....	550
7BS	Spencer, Arthur. ....	2519 Fulton St., Everett, Wash. ....	990
7WQ	Stedman, William. ....	Kake, Alaska	25
7SW	Swan, Emil. ....	1461 Portsmouth Ave., Portland, Oreg. ...	1, 000
7AE	Thomas, Edward J. ....	Cœur d'Alene, Idaho. ....	24
7LT	Thompson, Lloyd S. ....	109 5th St., Hamilton, Mont. ....	170
7JR	Tolmie, Jack R. ....	1213 Columbia St., Seattle, Wash. ....	10
7JT	Tyler, John L. ....	505 S. 4th St., Hamilton, Mont. ....	250
7AZ	Warner, Archie. ....	Deer Park, Wash. ....	500
7KW	Warrens, C. Kenneth. ....	848 Melinda Ave., Portland, Oreg. ....	220
7RV	Westcott, Roy. ....	1607 N. 19th St., Boise, Idaho. ....	1, 000
7HT	Whelan, Harold J. ....	612 W. 27th St., Vancouver, Wash. ....	50
7BW	Williams, Charles E. ....	8326 13th Ave. NW., Seattle, Wash. ....	50
7DW	Willis, Cecil D. ....	1316 Columbia St., Seattle, Wash. ....	10
7GW	Wilson, George D. ....	1022 E. Heron St., Aberdeen, Wash. ....	1, 000
7JW	Wilson, John C. ....	295 N. 24th St., Portland, Oreg. ....	700
7HW	Winningham, Harold. ....	3701 N. 18th St., Tacoma, Wash. ....	-----
7LW	Wollaston, Arthur L. ....	541 19th Ave., Seattle, Wash. ....	90
7RB	Wormington, Ralph V. ....	104 Park St., Milton, Oreg. ....	330
7RW	Wright, Raymond F. ....	R. F. D., Port Orchard, Wash. ....	440
7GA	Wurtz, George A. ....	Hanford, Wash. ....	990

## AMATEUR RADIO STATIONS—SEVENTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

## ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
7AA	Skyles, Theron G.	7GA	Wurtz, George A.
7AB	Anderson, Alfred S.	7GB	Butterfield, George H.
7AC	Dailey, Arthur C.	7GC	Henny, George C.
7AD	Douglas, Alfred E.	7GF	Gibbs, Floyd F.
7AE	Thomas, Edward J.	7GH	Hess, George F.
7AF	Scrutton, Gerald.	7GJ	Johnson, Gale H.
7AG	Moe, George.	7GM	Moore, Gale L.
7AH	Hardeety, Adolph.	7GW	Wilson, George D.
7AI	Johnson, Clifford E.		
7AJ	Sorenson, Chester J.	7HB	Breum, Helmer O.
7AK	Koester, Alpha M.	7HC	Cutting, H. Everett.
7AN	Dolloff, Ralph E.	7HD	Davis, Hubert A.
7AO	Piercy, Russell H.	7HH	Hayden, Harold.
7AP	Crossley, Jack.	7HI	Higman, Harry H.
7AQ	Holm, Paul E.	7HJ	Jones, Henry L.
7AR	Root, Dellmar A.	7HL	Longmire, Harold D.
7AS	Bird, Lester F.	7HM	McCandless, Howard F.
7AT	Bennett, Henry.	7HP	Pyle, Howard S.
7AV	Root, Charles W.	7HS	Slocum, Herbert R.
7AW	Meals, Owen E.	7HT	Whelan, Harold J.
7AZ	Warner, Archie E.	7HU	Hursh, Harold H.
		7HW	Winningham, Harold.
7BA	Elbon, Jennings.		
7BB	Brown, David M.	7IN	Nelson, Ivan L.
7BC	Ruth, Orin S.	7IO	O'Donoughue, Ivan.
7BD	Hapner, Harry.		
7BS	Spencer, Arthur.	7JJ	Johnson, Joseph E.
7BW	Williams, Charles E.	7JO	Methven, John H.
7CB	Bennett, Cecil H.	7JQ	Roy, James.
7CE	Eichelberger, H. Carl.	7JR	Tolmie, Jack R.
7CF	Farrar, Clyde L.	7JT	Tyler, John L.
7CG	Gillespie, Charles R.	7JW	Wilson, John C.
7CH	Hansen, Carl L.		
7CL	Law, Charles J.	7KP	Pennebaker, Kenneth T.
7CP	Peterson, C. Edward.	7KW	Warrens, C. Kenneth.
7CW	Peterson, Charles W.		
7DB	Bolstad, Archie L.	7LA	Larson, Walter I.
7DC	Crockett, George D.	7LN	Nagle, Leo W.
7DJ	John, D. Morris.	7LR	Ross, Lindsley W.
7DM	Minkler, Darrell.	7LS	Smith, Lloyd T.
7DS	Shingler, Don G.	7LT	Thompson, Lloyd S.
7DW	Willis, Cecil D.	7LW	Wollaston, Arthur I.
7EA	Adams, Edison.	7MC	McClelland, Joseph S.
7EC	Covey, E. Channing.	7MD	Durkee, Mealon.
7EE	Hawkins, Edward K.	7ME	Elliott, Morton W.
7EF	Ford, Edwin D., jr.	7MH	Middlekauff, Mark H.
7EJ	Jackson, Edgar F.	7MI	Minter, John W.
7EL	La Pine, Earl.	7MM	Mathison, Martin J.
7EM	Miller, E. Clarence.		
7EP	Peterson, Edward T.	7ON	Nicholson, W. Otto.
7FB	Boswell, George.	7PD	Davis, Percy E.
7FF	Farris, Frank E.	7PH	Hoffmann, Philip.
7FG	Gruwell, Fred N.		
7FL	Ling, Frank Moy.	7RB	Wormington, Ralph V.
7FW	Lee, Emery H. I.	7RC	Mood, George T.
		7RD	Montgomery, Jack H.

AMATEUR RADIO STATIONS—SEVENTH DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
7RE	Nitschke, Erville W.	7VC	Coburn, William D.
7RO	Grant, Robert E.	7VS	Small, Vincent.
7RV	Weecott, Roy.		
7RW	Wright, Raymond F.	7WC	Cates, Walter C.
		7WR	Rogers, Wilber L.
7SN	Norman, Stacy W.	7WQ	Stedman, William.
7SW	Swan, Emil.	7WS	Sparrow, William T.
7US	Slewing, Vere T.		

EIGHTH DISTRICT.

Headquarters: Customhouse, Cleveland, Ohio. The eighth district comprises the States of New York (all counties not included in second district), Pennsylvania (all counties not included in third district), West Virginia, Ohio, Michigan (Lower Peninsula).]

ALPHABETICALLY BY OWNERS OF STATIONS.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
8GM	Adams, Ralph F.....	327 17th St., Toledo, Ohio.....	48
8CE	Adler, Jerome.....	5550 Avondale St., Pittsburgh, Pa.....	275
8JT	Albrecht, Harvey O.....	10608 Dupont Ave. NE., Cleveland, Ohio.....	21
8JU	Aldridge, George P.....	12702 Penobscot Ave., Cleveland, Ohio.....	500
8RP	Amos, Clyde O.....	514 W. Pitt St., Bedford, Pa.....	160
8GE	Anderson, John M., jr.....	2215 Auburn Ave., Cincinnati, Ohio.....	115
8JW	Anderson, Joseph D.....	719 E. 127th St., Cleveland, Ohio.....	330
8AA	Anderson, Sidney E.....	1320 14th Ave., Detroit, Mich.....	250
8CJ	Andrews, William S.....	907 Mellon St., Pittsburgh, Pa.....	250
8KA	Ankerman, Roy E.....	403 E. Lima St., Wapakoneta, Ohio.....	30
8DW	Apper, Charles O.....	555 18th St., Detroit, Mich.....	400
8JL	Appleton, Francis W.....	12 Kanada St., Highland Park, Mich.....	220
8RQ	Ashtabula High School.....	Ashtabula, Ohio.....	500
8FV	Backus, Harry F.....	1740 E. 31st St., Cleveland, Ohio.....	400
8CP	Baker, Norman E.....	638 Junction Ave., Detroit, Mich.....	36
8FF	Baker, Raymond S.....	39 Steele Ave., Gloversville, N. Y.....	330
8OM	Balsley, James I.....	109 S. Cottage Ave., Connellsville, Pa.....	125
8HI	Barber, Nelson J.....	77 Cleveland St., Amherst, Ohio.....	500
8AB	Barr, Forrest L.....	R. F. D. No. 1, Vickery, Ohio.....	440
8RX	Barringer, Russ.....	418 N. Wood St., Fremont, Ohio.....	14
8NJ	Bartholomew, William F.....	234 N. Tod Ave., Warren, Ohio.....	110
8DI	Barton, Charles E.....	155 Harmon Ave., Detroit, Mich.....	440
8LJ	Baxter, Raymond L.....	2745 Woodward Ave., Highland Park, Mich.....	220
8SI	Beach, Walter R.....	2180 E. 90th St., Cleveland, Ohio.....	550
8JB	Beare, George L.....	Columbus Ave. and Washington Row, Sandusky, Ohio.....	990
8AC	Becelaere, Lawrence H.....	400 Dix Ave., Detroit, Mich.....	250
8NS	Beck, Frank G.....	119 N. Pennsylvania Ave., Greensburg, Pa.....	800
8JP	Becker, Freeman A.....	108 9th St., Buffalo, N. Y.....	20
8RI	Beeler, Hughes.....	379 S. D St., Hamilton, Ohio.....	18
8KD	Benjamin, Carlisle.....	174 Glasgow St., Clyde, N. Y.....	30
8FZ	Bennett, Edward J.....	1923 W. 75th St. NW., Cleveland, Ohio.....	26
8MM	Benzee, Arthur H., jr.....	701 Walden Ave., Buffalo, N. Y.....	20
8KT	Benzee, Joseph M.....	93 Wex Ave., Buffalo, N. Y.....	32
8AE	Berndt, William F.....	608 Clark Ave., Detroit, Mich.....	250
8HS	Berry, L. Mack.....	131 W. Walnut St., Galion, Ohio.....	990

AMATEUR RADIO STATIONS—EIGHTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
8SC	Bidwell, Paul.....	8903 Cedar St., Cleveland, Ohio.....	21
8OO	Bird, Harold C.....	92 S. Johnson Ave., Pontiac, Mich.....	500
8PZ	Bishop, Carryl L.....	1 North Ave., Binghamton, N. Y.....	24
8EY	Blackmore, Andrew H.....	3351 Reading Rd., Cincinnati, Ohio.....	250
8FU	Blattner, E. Herman.....	73 Pardee St., Rochester, N. Y.....	25
8RH	Blum, Robert A.....	157 High St., Buffalo, N. Y.....	18
8LP	Bly, Ralph.....	1358 Michigan Ave., Niagara Falls, N. Y.....	30
8PA	Boekeloo, Ross M.....	813 Washington Ave., Kalamazoo, Mich.....	24
8IA	Bolton, Frederick R.....	531 E. Grand Blvd., Detroit, Mich.....	250
8QJ	Bornman, Frederick D.....	134 Delaware Ave., Detroit, Mich.....	440
8OU	Boyer, Harry.....	89 Kibbie St., Mt. Clemens, Mich.....	440
8LO	Breckel, Harry F.....	4318 Virginia Ave., Cincinnati, Ohio.....	495
8CQ	Bredek, Erwin F.....	55 Melbourne Ave., Detroit, Mich.....	333
8DG	Bremer, Edmund H.....	301 W. Forest Ave., Detroit, Mich.....	1,000
8AF	Brewer, George S.....	112 E. Main St., Westfield, N. Y.....	1,000
8OG	Brink, Frank J.....	Galen, N. Y.....	30
8FB	Britney, Dudley R.....	Winton Rd., Cincinnati, Ohio.....	36
8AG	Broome, Donald W.....	100 Grand Ave., Mt. Clemens, Mich.....	1,000
8KF	Broughton, Harry J.....	702 N. George St., Rome, N. Y.....	250
8QS	Brow, Robert.....	Rose Hill, N. Y.....	500
8AH	Brown, Edward H.....	2208 Harcourt Drive, Cleveland, Ohio.....	550
8NU	Brown, Willard S.....	2134 E. 77th St., Cleveland, Ohio.....	500
8FR	Brownell, Elmer.....	1300 Steuben St., Utica, N. Y.....	18
8DM	Bruns, Carl H.....	1316 Ontario St., Toledo, Ohio.....	30
8NL	Budwig, Gilbert G.....	1017 Ansel Rd., Cleveland, Ohio.....	1,000
8FI	Burger, Richard W.....	822 S. McDonel St., Lima, Ohio.....	495
8GA	Burr, Gordon.....	7209 Clinton Ave., Cleveland, Ohio.....	20
8RD	Burr, Roy C.....	68 E. Elm St., Norwalk, Ohio.....	880
8MH	Bushnell, Clarence E.....	645 W. Ferry St., Buffalo, N. Y.....	48
8PP	Butcher, W. Byron.....	Waynesfield, Ohio.....	990
8OQ	Butzler, Harry.....	196 Robertson St., Mt. Clemens, Mich.....	770
8MJ	Cahow, Paul D.....	Reading, Mich.....	385
8KG	Camp, John D.....	1001 La Fayette Ave., Buffalo, N. Y.....	120
8MV	Carson, William H.....	1140 James St., Kalamazoo, Mich.....	550
8EU	Carson, William J.....	5558 Black St., Pittsburgh, Pa.....	30
8ED	Carver, Alfred J.....	4 Warring Ave., Buffalo, N. Y.....	9
8NB	Chafee, C. Lloyd.....	Davis, W. Va.....	48
8IU	Clarke, Andrew W.....	Glenshaw, Pa.....	24
8SQ	Clarke, John H.....	1010 Central Ave., Dunkirk, N. Y.....	1,000
8AJ	Clough, Bert E.....	188 N. Washington Ave., Battle Creek, Mich.....	1,000
8FJ	Clausing, Leroy M. E.....	406 Nye St., Lima, Ohio.....	770
8DV	Cobb, Rupert G.....	17 E. Alexandrine Ave., Detroit, Mich.....	50
8EE	Coleman, Clarence E.....	47 Yale Pl., Buffalo, N. Y.....	770
8SM	Coleman, H. Burr.....	Savannah, N. Y.....	120
8KO	Combs, Frayne.....	601 W. Anglaize St., Wapakoneta, Ohio.....	31
8NC	Coolidge, James H., 3d.....	34 Chapman Ave., East Cleveland, Ohio.....	280
8KB	Core, Eugene D.....	53 E. High St., Columbus Grove, Ohio.....	1,000
8MO	Corts, Raymond E.....	243 May St., Buffalo, N. Y.....	20
8CR	Coven, Allen W.....	446 Earl Court, Elyria, Ohio.....	35
81E	Cross, Gorham L.....	Cape Vincent, N. Y.....	30
81T	Cross, Gorham L.....	340 Genesee St., Utica, N. Y.....	165
8KX	Cuff, Harold C.....	79 Walnut St., Buffalo, N. Y.....	16
8RK	Dalrymple, Clarence F.....	Sheridan, N. Y.....	24
8NI	Daniels, Worth D.....	1233 W. State St., Fremont, Ohio.....	24
8LR	Davis, Charles W.....	98 Sumner Pl., Buffalo, N. Y.....	30
8AN	Davis, Frank.....	73 Dakota Ave., Columbus, Ohio.....	500
8MZ	Davison, John.....	400 W. High St., Lima, Ohio.....	1,000
8PI	Day, James M.....	Waynesfield, Ohio.....	990
8MQ	Dear, Harry D.....	636 Preble Ave., Pittsburgh, Pa.....	20

## AMATEUR RADIO STATIONS—EIGHTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
8AO	Deighan, Edward I. ....	5415 Herman Ave., Cleveland, Ohio. ....	40
8HV	Denniston, Harry J. ....	118 Fulton Ave., Rochester, N. Y. ....	24
8MX	De Rose, Ralph. ....	69 S. Judson St., Gloversville, N. Y. ....	250
8KJ	Des Jardins, Gregory T. ....	2019 Main St., Cincinnati, Ohio. ....	6
8KK	Devaney, Richard G. ....	196 Murray St., Binghamton, N. Y. ....	20
8IJ	Diederich, Paul E. ....	915 E. Grand Blvd., Detroit, Mich. ....	1,000
8KV	Dobbie, John, jr. ....	700 Buffalo Ave., Niagara Falls, N. Y. ....	500
8FK	Donehoo, Gray G. ....	823 Heberton Ave., Pittsburgh, Pa. ....	100
8GD	Donnelly, John J. ....	3614 W. 32d St. SW., Cleveland, Ohio. ....	550
8AP	Dorsch, George. ....	1338 Walnut St., Cincinnati, Ohio. ....	550
8EF	Dorset, Edward. ....	39 Eaton St., Buffalo, N. Y. ....	18
8OW	Dotterweich, Joseph H. ....	379 Genesee St., Buffalo, N. Y. ....	500
8DU	Downing, Harry E. ....	2308 E. 57th St., Cleveland, Ohio. ....	440
8OX	Dreux, Alexander J. ....	48 Garner Ave., Buffalo, N. Y. ....	9
8KL	Dreijus, Fred B. ....	5621 Hays St., Pittsburgh, Pa. ....	24
8LQ	Dunlap, Orrin E., jr. ....	1029 Cleveland Ave., Niagara Falls, N. Y. ....	250
8KM	Eden, Henley S. ....	112 Ivy St., Edgewood Park, Pa. ....	220
8JH	Edwards, C. Beaver. ....	120 Green Ave., Detroit, Mich. ....	30
8PJ	Ehrich, William F. ....	300 Warren St., Bucyrus, Ohio. ....	1,000
8AQ	Ela, Edward C. and William C. ....	1320 Woodland Ave., Pittsburgh, Pa. ....	400
8QL	Emmert, Herman C. ....	1063 23d St., Detroit, Mich. ....	250
8GF	Erney, J. Clarence. ....	7417 Myron Ave., Cleveland, Ohio. ....	24
8GG	Eucher, Clarence J. ....	7427 Detroit Ave., Cleveland, Ohio. ....	550
8SE	Falck, Norman B. ....	1529 Davis Ave., Pittsburgh, Pa. ....	400
8HU	Faroo, Glenn. ....	269 Grand Ave., Rochester, N. Y. ....	30
8AS	Feightner, Amos E. ....	715 S. Broadway, Lima, Ohio. ....	220
8DB	Fellows, Bernard D. ....	67 Parke St., Pontiac, Mich. ....	250
8FA	Fender, Clinton H. ....	28 W. 13th St., Cincinnati, Ohio. ....	495
8QA	Ferguson, James G. ....	671 W. Ferry St., Buffalo, N. Y. ....	75
8LS	Fernis, Warren O. ....	514 Elizabeth St., Petoskey, Mich. ....	250
8FE	Finch, Brent S. ....	1727 E. McMillan St., Cincinnati, Ohio. ....	385
8MK	Finch, William G. H. ....	9-15 E. 3d St., Cincinnati, Ohio. ....	500
8MG	Fish, J. Mulford. ....	307 Collins Ave., Pittsburgh, Pa. ....	20
8MY	Fisher, Harold W. ....	906 W. Wayne St., Lima, Ohio. ....	27
8KQ	Fisher, Earl U. ....	1505 5th Ave., Pittsburgh, Pa. ....	20
8OZ	Fleming, James J. ....	Kane, Pa. ....	1,000
8QZ	Fletcher, Vernon. ....	209 Spring St., Bedford, Pa. ....	21
8KI	Flint High School. ....	Flint, Mich. ....	770
8MW	Follet, Louis, jr. ....	Crafton, Pa. ....	60
8OT	Foster, Frank, jr. ....	202 Madison St., Wilkes-Barre, Pa. ....	880
8SF	Fowler, Robert J. ....	324 Walnut St., Flint, Mich. ....	600
8AT	France, William. ....	829 Western Ave., N. S., Pittsburgh, Pa. ....	500
8RE	Frank, Alfred. ....	2226 W. Jefferson Ave., Detroit, Mich. ....	16
8HZ	Fraser, John W. ....	102 Garner Ave., Buffalo, N. Y. ....	23
8RZ	Fritz, Rudolph A. ....	1242 Dewey Ave., Cincinnati, Ohio. ....	250
8AU	Frost, Harry E. ....	552 Glenwood Ave., Buffalo, N. Y. ....	330
8LT	Fryman, Zalman B. ....	218 Michigan St., Petoskey, Mich. ....	125
8AV	Fullwood, William R. ....	1017 Pollock Ave., New Castle, Pa. ....	660
8OJ	Furlong, Marcie J. ....	711 N. Main St., Clyde, Ohio. ....	250
8KP	Fuss, Chester G. ....	Little Valley, N. Y. ....	770
8BV	Gale, Roy H. ....	1806 Brewster Ave., Cincinnati, Ohio. ....	50
8PK	Gamble, Frederick D. ....	2412 Putnam St., Toledo, Ohio. ....	500
8EG	Gebhard, Louis A. ....	1127 Ellicott St., Buffalo, N. Y. ....	550
8AX	Gentsch, Leonard H. ....	102 Northampton St., Buffalo, N. Y. ....	18
8QN	Given, Everett J. ....	908 E. Ann St., Ann Arbor, Mich. ....	60
8SN	Glatzell, Earle D. ....	448 S. First St., Ann Arbor, Mich. ....	16
8GH	Glekler, Truman J. ....	3015 Marvin Ave., Cleveland, Ohio. ....	550
8ET	Goettel, Edward V. ....	1773 Crawford Rd., Cleveland, Ohio. ....	600
8RY	Goetz, Carl P. ....	1518 Knowlton St., Cincinnati, Ohio. ....	500

AMATEUR RADIO STATIONS—EIGHTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
8AW	Gogel, Adelbert J. ....	628 S. Erie St., Toledo, Ohio .....	440
8OF	Goodwin, Seth A. ....	6032 St. Marie St., Pittsburgh, Pa. ....	1,000
8EI	Gray, Clarence N. ....	32 Duerstein Ave., Buffalo, N. Y. ....	330
8GJ	Green, Harold L. ....	1650 82d St., Cleveland, Ohio. ....	440
8ND	Grigg, Arthur. ....	741 Clinton St., Cincinnati, Ohio. ....	495
8AY	Grosse, Frederick W. ....	1326 Walnut St., Cincinnati, Ohio. ....	500
8QR	Grostick, George E. ....	1606 Wagar Ave., Lakewood, Ohio. ....	15
8EH	Grove, Nelson B. ....	242 Ashland Ave., Buffalo, N. Y. ....	60
8JA	Gunn, Ross. ....	369 W. Lorain St., Oberlin, Ohio. ....	500
8RO	Gwinner, Frederick, 3d. ....	5th and Amberson Sts., Pittsburgh, Pa. ....	36
8QB	Haderer, John. ....	330 Fox St., Buffalo, N. Y. ....	18
8NN	Hahn, Ralph H. ....	423 Fox St., Buffalo, N. Y. ....	250
8MD	Hall, Eldred R. ....	1613 Milton Ave., Solvay, N. Y. ....	495
8GT	Hamel, Arthur. ....	29 Martin St., Amherst, Ohio. ....	550
8NW	Hankin, John H. ....	30 Schutz Ave., Buffalo, N. Y. ....	6
8AZ	Hansen, Edmund H. ....	31 Deer St., Plymouth, Mich. ....	750
8NO	Hansen, Torvald. ....	7325 Clinton Ave., Cleveland, Ohio. ....	220
8NV	Harrison, P. William, jr. ....	125 Medbury Blvd., Detroit, Mich. ....	6
8PS	Hart, John R. ....	Duncannon, Pa. ....	550
8QC	Hauck, Roland E. ....	850 Walden Ave., Buffalo, N. Y. ....	20
8FH	Haynes, William. ....	102 N. Florence St., Springfield, Ohio. ....	880
8JD	Heiser, Ernest J. ....	819 Dayton St., Hamilton, Ohio. ....	990
8NP	Henderson, Earl G. ....	457 Orchard Ave., Bellevue, Pa. ....	500
8PB	Henika, Charles F. ....	441 State St., Petoskey, Mich. ....	550
8EX	Henlein, Carl A. ....	1855 Hewitt Ave., Cincinnati, Ohio. ....	24
8GN	Henninger, Alan E. ....	2038 W. 100th St., Cleveland, Ohio. ....	440
8BW	Hermann, Harold N. ....	2237 Frances Lane, Cincinnati, Ohio. ....	35
8FG	Hewitt, Charles P. ....	R. F. D. No. 1, Oak Harbor, Ohio. ....	36
8LU	Hewitt, James F. ....	405 Portland Ave., Rochester, N. Y. ....	24
8PM	Higgy, Robert C. ....	1072 W. Market St., Lima, Ohio. ....	250
8PL	Higgins, Robert R. ....	11408 Bell Flower Rd., Cleveland, Ohio. ....	225
8IC	Hill, Charles C., jr. ....	1134 Mellon St., Pittsburgh, Pa. ....	1,000
8GB	Hill Top Y. M. C. A. ....	Pittsburgh, Pa. ....	270
8BA	Hiller, Herbert A. ....	117 Hanover St., Silver Creek, N. Y. ....	240
8KR	Hills, Virgil A. ....	2066 E. 100th St., Cleveland, Ohio. ....	220
8BD	Hoch, Ellery T. ....	R. F. D. No. 33, Barberton, Ohio. ....	48
8GP	Hoffman, Edward H. ....	1617 Buhner Ave., Cleveland, Ohio. ....	20
8QV	Hogan, James E. ....	26 Lincoln Ave., Crafton, Pa. ....	60
8FC	Holden, Ira S. ....	2920 Vernon Pl., Cincinnati, Ohio. ....	900
8MC	Holmes, Charles A. ....	New Berlin, N. Y. ....	1,000
8DR	Holmes, Charles E. ....	310 W. Brown St., Grand Rapids, Mich. ....	495
8HO	Holt, George W. ....	789 Prospect Ave., Buffalo, N. Y. ....	49
8BC	Holt, Nelson E. ....	185 Congress St., Buffalo, N. Y. ....	715
8GQ	Horn, Herbert E. ....	557 E. 117th St., Cleveland, Ohio. ....	500
8PT	Hornung, Romey W. ....	Lavelle, Pa. ....	450
8NF	House, Elra E. ....	11 Taft St., Battle Creek, Mich. ....	880
8BB	Howes, Stanley L. ....	515 Eleanor St., Kalamazoo, Mich. ....	330
8CS	Howland, Dean W. ....	1081 Cass Ave., Detroit, Mich. ....	330
8BX	Hubbell, Aaron W. ....	3458 Hallwood Pl., Cincinnati, Ohio. ....	600
8RR	Hull, Earl C. ....	763 1/2 15th St., Niagara Falls, N. Y. ....	550
8CF	Hull, Guy McC. ....	123 S. Whitfield St., Pittsburgh, Pa. ....	50
8CG	Hull, Ralph S. ....	5819 Rural St., Pittsburgh, Pa. ....	550
8NH	Hyatt, Bunyan, J. ....	202 Rogers St., Mt. Vernon, Ohio. ....	1,000
8PU	Imbt, Russell. ....	324 Braeside Ave., East Stroudsburg, Pa. ....	660
8ON	Ilgenfritz, Lester M. ....	2 E. Forest Ave., Detroit, Mich. ....	30
8RJ	Irvine, Robert P. ....	3380 Fulton Rd., Cleveland, Ohio. ....	330
8JK	Jackson, Cotesworth M. ....	St. Clair Rd., Pottsville, Pa. ....	300
8BF	Jarvis, Roy B. ....	647 Main St., Wheeling, W. Va. ....	1,000
8FL	Jenkins, William E. ....	2108 Potomac St., Banksville, Pa. ....	30
8GR	Joecten, George I. ....	10310 Joan Ave., Cleveland, Ohio. ....	55

## AMATEUR RADIO STATIONS—EIGHTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. <i>Watts.</i>
8HC	Johnston, S. Paul.	201 S. Craig St., Pittsburgh, Pa.	275
8QK	Jones, Edwin P.	1114 Middle Ave., Elyria, Ohio.	30
8QM	Jones, Jesse K.	200 W. Market St., Pottsville, Pa.	24
8KU	Jones, Miller.	Grafton, Ohio.	500
8QQ	Kampfe, Lorbert J.	1241 E. 103d St., Cleveland, Ohio.	1, 000
8BG	Kastenberg, Paul G.	298 Hurlbut Ave., Detroit, Mich.	30
8NM	Keen, William L.	608 Broadway, Cincinnati, Ohio.	24
8PC	Kersting, Ferdinand.	165 S. Gratiot Ave., Mt. Clemons, Mich.	440
8CC	Kesel, George.	2704 Wylie Ave., Pittsburgh, Pa.	440
8QE	Kester, Harold P.	626 University Ave., Rochester, N. Y.	36
8BH	Kingsbury, Kenneth.	24 Chestnut St., Binghamton, N. Y.	495
8QO	Kirly, H. Howard.	863 E. 73d St., Cleveland, Ohio.	250
8RA	Klager, Oscar C.	611 S. Main St., Ann Arbor, Mich.	16
8GV	Kleber, Jackson O.	1135 Murray Hill Ave., Pittsburgh, Pa.	275
8QF	Klinck, Charles C., jr.	38 W. Parade Ave., Buffalo, N. Y.	250
8RB	Knapp, Harold.	224 Elm St., Edgewood Park, Pa.	550
8DN	Knappen, Bert.	4 Trankla Ave., Grand Rapids, Mich.	25
8GS	Kneale, C. Kewley.	1337 W. 114th St., Cleveland, Ohio.	100
8KW	Kohler, Harry W.	605 E. Middle St., Wapakoneta, Ohio.	36
8EJ	Kolb, Edwin H.	18 Camp St., Buffalo, N. Y.	660
8GL	Konrad, Henry.	750 Ross Ave., Hamilton, Ohio.	550
8BJ	Kraus, Norman M.	4121 Henritze Ave., Cleveland, Ohio.	990
8PD	Krause, Karl A.	244 S. Front St., Mt. Clemens, Mich.	225
8JV	Kreighbaum, Cyril H.	12414 Ingomar Ave., Cleveland, Ohio.	600
8BI	Kroeger, Gustav H.	1837 Clarion Ave., Cincinnati, Ohio.	990
8EK	Kumpf, Elmer H.	Crittenden, N. Y.	675
8OC	Kuehnle, George J.	156 Woolper Ave., Cincinnati, Ohio.	120
8KY	Kunnar, William.	R. F. D. No. 4, Ashtabula, Ohio.	48
8KZ	Landgraff, William J.	3718 Parviss St., Pittsburgh, Pa.	250
8EL	Langenbach, Leo.	186 Riley St., Buffalo, N. Y.	24
8BK	Lappe, E. Robert.	5520 Baywood St., Pittsburgh, Pa.	275
8RL	Last, George.	107 E. Buckeye St., Clyde, Ohio.	550
8EQ	Leighton, Clifford R.	128 Eagle St., Utica, N. Y.	1, 000
8QG	Lewis, Walter E.	128 Denver St., Rochester, N. Y.	500
8BL	Leyh, Edward L.	10 Overhill St., Pittsburgh, Pa.	60
8MT	Liller, William P. Lima High School. <i>See</i> Davison, John.	Keyser, W. Va.	18
8LV	Lindow, Daniel A.	625 Field Ave., Detroit, Mich.	275
8BE	Lippert, John P.	41 Stanwood Rd., East Cleveland, Ohio.	275
8JO	Little, Donald G.	415 Woodward Ave., Kalamazoo, Mich.	540
8MR	Livinggood, Hubert W.	1825 Michigan Ave., Detroit, Mich.	880
8GU	Loehr, George R.	11444 Euclid Ave., Cleveland, Ohio.	500
8CZ	London, Henry J.	267 Palmer St., Grand Rapids, Mich.	90
8JG	Lord, Donald M.	531 Beach Ave., Cambridge Springs, Pa.	30
8BN	Lovejoy, Julian.	3325 Perkins Ave., Cincinnati, Ohio.	40
8ML	Lovell, Charles L.	540 Prospect Pl., Cincinnati, Ohio.	550
8PE	Lucas, Clarence E.	119 24th St., Detroit, Mich.	16
8HM	Lucas, Howard E.	5005 Dearborn St., Pittsburgh, Pa.	990
8OD	Luedeke, William P., jr.	40 Hodge Ave., Buffalo, N. Y.	18
8JQ	Lusink, C. Irving.	642 North St., Rochester, N. Y.	18
8BO	Lyons, Henry E.	Ripley, N. Y.	60
8JX	MacCandless, Lyon H.	351 Jefferson St., Rochester, Pa.	440
8BP	Macer, Arthur J.	37 Jefferson St., Westfield, N. Y.	1, 000
8EA	Mack, Clifford J.	49 McGovern Ave., Ashtabula, Ohio.	770
8SO	Maggs, H. Carrol.	Girard, Ohio.	312
8PF	Malbin, Samuel.	14 S. Gratiot Ave., Mt. Clemens, Mich.	117
8JZ	Manning, Alfred J.	6914 Woodland Ave., Cleveland, Ohio.	36
8MI	Manning, Howard H.	298 Prospect St., Meadville, Pa.	330
8KC	Manning, Jerry J.	12 Parson St., Ashtabula, Ohio.	385

AMATEUR RADIO STATIONS—EIGHTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
80V	Marcum, Richard . . . . .	Britain Ave., Benton Harbor, Mich. . . . .	1,000
8PX	Marsh, Harry H., jr. . . . .	Park View, W. Va. . . . .	24
8HY	Marshall, Floyd W. . . . .	Avery Ter., Detroit, Mich. . . . .	1,000
8RV	Marshall, Frank J. . . . .	517 W. Delaware Ave., Toledo, Ohio. . . . .	500
8QY	Martin, Cecil E. . . . .	Depew, N. Y. . . . .	24
8EV	Mason, Carl D. . . . .	R. F. D. No. 3, Oak Grove, Mich. . . . .	25
8LA	Mason, George S. . . . .	119 Temple St., Fredonia, N. Y. . . . .	1,000
8MB	Maxon, Harry L. . . . .	267 Brinkman St., Buffalo, N. Y. . . . .	16
8NT	Maue, Leon G. . . . .	Y. M. C. A. Bldg., Hazleton, Pa. . . . .	330
8HL	McCamon, Aurel. . . . .	R. F. D. No. 4, Lisbon, Ohio. . . . .	36
8EZ	McConaughy, Mary Alice . . . . .	6112 Navarre Pl., Cincinnati, Ohio. . . . .	48
8QI	McEniry, Clifford U. . . . .	875 Michigan St., Buffalo, N. Y. . . . .	18
8OY	McElhinny, J. Schubert . . . . .	103 Sumner Pl., Buffalo, N. Y. . . . .	24
8IK	Mellon, J. H. . . . .	Patton, Pa. . . . .	45
8BQ	Menges, William E. . . . .	6428 Aurelia St., Pittsburgh, Pa. . . . .	275
8IS	Middleton, Charles. . . . .	Vernon, Ohio. . . . .	94
8IB	Mielke, Carl E. . . . .	3619 Grenada St., Pittsburgh, Pa. . . . .	1,000
8IR	Miller, Arthur P. . . . .	14 Beuland Ave., Mt. Clemens, Mich. . . . .	200
8IN	Miller, Kenneth. . . . .	1086 Shady Ave., Pittsburgh, Pa. . . . .	500
8BR	Miner, Simeon J. . . . .	2253 E. Jefferson Ave., Detroit, Mich. . . . .	50
8GW	Moffet, Floyd E. . . . .	5408 Euclid Ave., Cleveland, Ohio. . . . .	500
8BS	Mogridge, Clarence J. . . . .	463 16th St., Detroit, Mich. . . . .	1,000
8DS	Moynahan, Roy D. . . . .	355 E. Warren Ave., Detroit, Mich. . . . .	240
8EB	Munsell, Robert S. . . . .	191 Center St., Ashtabula, Ohio. . . . .	260
8EM	Murphy, John V. . . . .	98 St. James Pl., Buffalo, N. Y. . . . .	24
8HD	Myers, Homer B. . . . .	1600 Euclid Ave., Cleveland, Ohio. . . . .	20
8CT	Myers, Raymond W. . . . .	166 E. Perry St., Tiffin, Ohio. . . . .	275
8IG	Neumann, Allen J. . . . .	1033 Ellicott St., Buffalo, N. Y. . . . .	20
8MP	Neupert, Robert E. . . . .	500 Chartiers Ave., McKees Rocks, Pa. . . . .	550
8IX	Newman, Arthur J. . . . .	1415 Newman Ave., Cleveland, Ohio. . . . .	500
8IM	Nichols, D. A. . . . .	Wapakoneta, Ohio. . . . .	720
8ID	Norris, George H. . . . .	77 Melbourne Ave., Detroit, Mich. . . . .	960
8BT	Ogle, Harry B. . . . .	2636 East Blvd., Cleveland, Ohio. . . . .	440
8FM	Olson, Milton E. . . . .	6357 Luther St., Pittsburgh, Pa. . . . .	250
8DF	Orrell, Robert W. . . . .	87 Frederick Ave., Detroit, Mich. . . . .	500
8SJ	Ottney, James N. . . . .	R. F. D. No. 4, Gilsonburg, Ohio. . . . .	22
8DY	Pancoast, Donald F. . . . .	107 Prospect St., Ashtabula, Ohio. . . . .	1,000
8OI	Patterson, Grant, jr. . . . .	35 E. State St., Gloversville, N. Y. . . . .	250
8CH	Paul, James T. . . . .	628 N. Euclid Ave., Pittsburgh, Pa. . . . .	60
8CY	Payne, Arthur E. . . . .	Birmingham, Mich. . . . .	990
8NZ	Payne, William H. . . . .	124 Clarke St., Binghamton, N. Y. . . . .	20
8PV	Pearson, Harry. . . . .	4 W. North Ave., Pittsburgh, Pa. . . . .	36
8GX	Pentland, Henry B. . . . .	2053 E. 105th St., Cleveland, Ohio. . . . .	495
8SG	Pesek, Miro R. . . . .	3288 Fulton Rd. SW., Cleveland, Ohio. . . . .	56
8LW	Phlepp, Lawrence A. . . . .	Concord, Mich. . . . .	660
8DJ	Phillips, Glenn E. . . . .	551 McKinstry Ave., Detroit, Mich. . . . .	100
8CX	Phippeny, Forrest I. . . . .	R. F. D. No. 4, Battle Creek, Mich. . . . .	1,000
8JF	Plekenpol, Ernest. . . . .	7804 W. Madison Ave. NW., Cleveland, Ohio. . . . .	30
8DX	Porter, Harry T. . . . .	714 Main St., Conneaut, Ohio. . . . .	900
8QW	Potts, Charles G. . . . .	726 W. Norwegian St., Pottsville, Pa. . . . .	52
8HQ	Poux, Noel J. . . . .	432 Pine St., Meadville, Pa. . . . .	440
8QP	Powell, Ralph C. . . . .	5236 Westminster Pl., Pittsburgh, Pa. . . . .	42
8GZ	Probeck, John. . . . .	2489 E. 59th St., Cleveland, Ohio. . . . .	30
8LB	Purves, Stuart S. . . . .	3461 Brookline Ave., Cincinnati, Ohio. . . . .	20
8LC	Ramage, Edwin H. . . . .	R. F. D. No. 7, Wapakoneta, Ohio. . . . .	30
8DA	Rathbun, Hugh T. . . . .	112 Colfax St., Grand Rapids, Mich. . . . .	50
8DC	Reb, Frank. . . . .	1635 Gratiot Ave., Detroit, Mich. . . . .	1,000
8LX	Reitt, Arthur A. . . . .	1100 Washington Ave., Monaca, Pa. . . . .	40
8FQ	Remorino, L., jr. . . . .	97 Washington St., Gloversville, N. Y. . . . .	490



## AMATEUR RADIO STATIONS—EIGHTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
80P	Reynolds, Charles L. . . . .	25 Sturges St., Binghamton, N. Y. . . . .	24
8LD	Rice, Homer D. . . . .	150 Livingston St., Buffalo, N. Y. . . . .	12
8SP	Rich, Harland E. . . . .	228 N. Limestone St., Springfied, Ohio. . . . .	770
8IQ	Richard, Roy H. . . . .	68 Lincoln Ave., Meadville, Pa. . . . .	30
8CI	Richards, Theodore D. and George B. . . . .	934 W. North Ave., Pittsburgh, Pa. . . . .	380
8PN	Ritchie, Burrus L. . . . .	2216 E. 100th St., Cleveland, Ohio. . . . .	330
8RF	Ritchie, Carl L. . . . .	305½ Minton St., Pittsburgh, Pa. . . . .	24
8MS	Ritchey, Ole B. . . . .	Reading, Mich. . . . .	440
8NQ	Robbins, Melvin G. . . . .	219 Reynolds St., Kingston, Pa. . . . .	1,000
8HB	Roberts, Hayden P. . . . .	11215 Clifton Blvd., Cleveland, Ohio. . . . .	220
8MF	Robin, Milo H. . . . .	7 Lake Ave., Williamson, N. Y. . . . .	24
8HA	Roble, Judson . . . . .	59 Idlewood Ave., Cleveland, Ohio. . . . .	220
8IO	Roe, Howard L. . . . .	723 Homewood Ave., Pittsburgh, Pa. . . . .	250
8DQ	Roener, Hubert J. . . . .	115 Floyd St., Toledo, Ohio. . . . .	30
8DT	Rogers, Grant . . . . .	2065 McKinley Ave., Lakewood, Ohio. . . . .	880
8HT	Romzick, Lawrence . . . . .	R. F. D. No. 2, Ruth, Mich. . . . .	28
8LY	Rose, Herman . . . . .	77 Johnson St., Buffalo, N. Y. . . . .	18
8EW	Rubel, Henry M., jr. . . . .	920 Burton Ave., Cincinnati, Ohio. . . . .	1,000
8CD	Sachs, Gus . . . . .	1522 Center Ave., Pittsburgh, Pa. . . . .	275
8LF	Saunders, Ezra L. . . . .	141 4th Ave., Gallipolis, Ohio. . . . .	750
8PO	Schaaf, John M. . . . .	300 Warren St., Bucyrus, Ohio. . . . .	1,000
8HG	Schardt, Earl M. . . . .	12813 Marston Ave., Cleveland, Ohio. . . . .	24
8OK	Scheib, Joseph . . . . .	6243 Station St., Pittsburgh, Pa. . . . .	20
8SD	Schindler, Louis J. . . . .	2103 Robinwood Ave., Toledo, Ohio. . . . .	500
8RW	Schmidle, Claude . . . . .	553 E. North St., Buffalo, N. Y. . . . .	18
8SB	Schmidt, Norman F. . . . .	5800 Forbes St., Pittsburgh, Pa. . . . .	250
8JC	Schoenhen, Edwin B. . . . .	1201 Middle Ave., Elyria, Ohio. . . . .	120
8HH	Schoren, William E. . . . .	2954 W. 25th St., Cleveland, Ohio. . . . .	480
8HR	Schouman, Hazen . . . . .	210 Riverside Ave., St. Clair, Mich. . . . .	30
8MA	Schulz, Edward G. . . . .	329 Arndt St., Detroit, Mich. . . . .	330
8QU	Schunck, Robert F. . . . .	407 W. Anglaize St., Wapakoneta, Ohio. . . . .	880
8FY	Schwalb, Walter J. . . . .	715 Main St., Wheeling, W. Va. . . . .	30
8LL	Schwanecamp, Raymond . . . . .	207 Lemon St., Buffalo, N. Y. . . . .	30
8BY	Schwindt, Herman J. . . . .	3517 Bevis Ave., Cincinnati, Ohio. . . . .	60
8IV	Scott, Gail . . . . .	Degraff, Ohio. . . . .	100
8LE	Scott, Hoyt S. . . . .	North Fairfield, Ohio. . . . .	36
8EP	Scovill, Edward H. . . . .	10528 Park Lane, Cleveland, Ohio. . . . .	750
8HN	Selinake, Louis . . . . .	510 15th St., Detroit, Mich. . . . .	30
8HF	Shaney, Aubrey A. . . . .	5713 Curtiss Ave., Cleveland, Ohio. . . . .	440
8LZ	Sharbaugh, Wilbur . . . . .	2109 Eoff St., Wheeling, W. Va. . . . .	550
8PQ	Shaw, Eurcile L. . . . .	205½ E. Anglaize St., Wapakoneta, Ohio. . . . .	19
8EN	Shepard, Charles A. . . . .	186 Grant St., Buffalo, N. Y. . . . .	12
8CN	Sheppard, Hamilton W. . . . .	6420 Darlington Rd., Pittsburgh, Pa. . . . .	250
8PG	Sherman, Fred . . . . .	Britain Ave., Benton Harbor, Mich. . . . .	1,000
8JR	Sherrill, Alvan C. . . . .	326 S. Highland Ave., Pittsburgh, Pa. . . . .	750
8BZ	Shumard, Asbury . . . . .	5809 Tompkins Ave., Cincinnati, Ohio. . . . .	660
8LG	Sibert, Richard E. . . . .	111 E. Benton St., Wapakoneta, Ohio. . . . .	30
8KS	Sidnell, Robert G. . . . .	1268 W. 115th St., Cleveland, Ohio. . . . .	30
8DL	Sisson, William A. . . . .	1024 Erie St., Toledo, Ohio. . . . .	30
8QT	Sly, Edward E. . . . .	1820 Myrtle St., Erie, Pa. . . . .	144
8PH	Slyfield, Charles O. . . . .	Frankfort, Mich. . . . .	24
8CL	Smith, G. C. . . . .	335 Atwood St., Pittsburgh, Pa. . . . .	250
8RM	Smith, Harold M. . . . .	Highland Ave., Monticello, N. Y. . . . .	24
8CV	Smith, Lewis A. . . . .	55 Brandon Ave., Detroit, Mich. . . . .	35
8CK	Smith, Roland C. . . . .	5314 Hays St., Pittsburgh, Pa. . . . .	302
8OE	Smith, Verne E. . . . .	Knox, Pa. . . . .	12
8FO	Snyder, Norman G. . . . .	7 Central Ave., Ithaca, N. Y. . . . .	36
8FT	Sparzo, James A., jr. . . . .	403 N. George St., Rome, N. Y. . . . .	1,000
8LN	Spaulding, Ray F. . . . .	Ripley, N. Y. . . . .	20

AMATEUR RADIO STATIONS—EIGHTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
			<i>Watts.</i>
8HK	Spiller, Archibald G. . . . .	603 Missouri Ave., East Cleveland, Ohio. . . . .	550
8SH	Spotts, Ralph T. . . . .	2179 E. 87th St., Cleveland, Ohio . . . . .	700
8RU	Staaft, Werner . . . . .	5638 Weldin St., Pittsburgh, Pa. . . . .	60
8LH	Stauff, Jacob L. . . . .	347 Oakland Ave., Pittsburgh, Pa. . . . .	250
8II	Steim, L. Harold. . . . .	R. F. D. No. 2, Kittanning, Pa. . . . .	270
8NK	Steinhoff, Charles F. . . . .	224 E. Lorain St., Oberlin, Ohio. . . . .	36
8IZ	Steinman, Dwight H. . . . .	416 Pine St., Lima, Ohio. . . . .	825
8NR	Stenger, John H. . . . .	66 Gildersleeve St., Wilkes-Barre, Pa. . . . .	1,000
8SL	Stenzel, Arthur W. . . . .	125 Geary St., Buffalo, N. Y. . . . .	550
8OL	Stern, Fred W. . . . .	835 Glenwood Ave., Cincinnati, Ohio. . . . .	165
8HE	Stevenson, George L. . . . .	Durand, Mich. . . . .	1,000
8EO	Stickney, Richard W. . . . .	94 Normal Ave., Buffalo, N. Y. . . . .	25
8PR	Stiveson, Andrew . . . . .	4 North Ave., Pittsburgh, Pa. . . . .	24
8NY	Straub, John O. . . . .	1724 Wightman St., Pittsburgh, Pa. . . . .	250
8CA	Stueve, Everett S. . . . .	3540 Wabash Ave., Cincinnati, Ohio. . . . .	330
8IY	Swain, Herbert N. . . . .	405 Franklin St., Hamilton, Ohio. . . . .	990
8OH	Swisher, Oka V. . . . .	221 Spring St., Fairmont, W. Va. . . . .	80
8HJ	Terry, James E., jr. . . . .	1877 E. 90th St. NE., Cleveland, Ohio. . . . .	330
8CB	Thiessen, H. F. W. . . . .	161 E. McMicken Ave., Cincinnati, Ohio. . . . .	500
8DE	Thomas, William K. . . . .	400 Minton St., Pittsburgh, Pa. . . . .	250
8CM	Thorn, Thomas H. . . . .	1217 Chislett St., Pittsburgh, Pa. . . . .	225
8FN	Toland, Gerald H. . . . .	R. F. D. No. 3, Geneseo, N. Y. . . . .	100
8IP	Trotter, Robert J. . . . .	214 Amanda Ave., Mt. Oliver, Pa. . . . .	30
8JE	Twitchell, Herbert D. . . . .	4th and Wood Sts., Hamilton, Ohio. . . . .	990
8KN	Tyne, Gerald F. . . . .	36 Walnut St., Binghamton, N. Y. . . . .	20
8RT	Ubersax, Delmar G. . . . .	2248 E. 100th St., Cleveland, Ohio. . . . .	18
8IF	Urban, Raymond G. . . . .	Pine Ridge Rd., Buffalo, N. Y. . . . .	660
8ES	Van Hoesen, Claude L. . . . .	206 Frank St., Rochester, N. Y. . . . .	60
8LI	Vanslow, Waldemar. . . . .	206 W. 9th St., Holland, Mich. . . . .	24
8GI	Wahl, Edward C. . . . .	60 Stewart Ave., Buffalo, N. Y. . . . .	24
8OB	Waldrup, Laurence H. . . . .	233 Delavan St., Buffalo, N. Y. . . . .	36
8FD	Walker, Carl. . . . .	1626 Potter Pl., Cincinnati, Ohio. . . . .	27
8OS	Walker, Harlan N. . . . .	49 Rhode Island Ave., Detroit, Mich. . . . .	440
8QH	Washington, Booker. . . . .	724 Delaware Ave., Buffalo, N. Y. . . . .	48
8ME	Washington, George F. . . . .	37 Erie St., Washington, Pa. . . . .	24
8NA	Waterman, Fred W. . . . .	116 Broad St., Elyria, Ohio. . . . .	936
8MU	Watson, Martin L. . . . .	116 Alice St., Keyser, W. Va. . . . .	18
8DD	Watts, Felix J. . . . .	1118 Pearl St., Port Huron, Mich. . . . .	900
8PW	Weaver, Frank M. . . . .	2706 Toledo St., Pittsburgh, Pa. . . . .	1,000
8RC	Weil, Norman C. . . . .	231 Riley St., Buffalo, N. Y. . . . .	300
8NX	Weiser, Elmer P. . . . .	284 Brinkman St., Buffalo, N. Y. . . . .	30
8HW	Wellington, Vernon D. . . . .	511 Gibbs Ave., Wapakoneta, Ohio. . . . .	32
8OR	Weny, Joseph C. . . . .	58 Katherine Court, Allegan, Mich. . . . .	550
8JS	West Tech Wireless Club	W. 93d St. and Willard Ave., Cleveland, Ohio. . . . .	1,000
8FS	Wheat, G. F. Roy. . . . .	605 Floyd Ave., Rome, N. Y. . . . .	54
8HX	White, Chester A. . . . .	18 Kamper Ave., Buffalo, N. Y. . . . .	220
8FW	Whitehead, D. R. . . . .	3349 Webster Ave., Pittsburgh, Pa. . . . .	24
8DK	Whitmoyer, Ralph E. . . . .	190 Frederick Ave., Detroit, Mich. . . . .	24
8LK	Wieneke, Edward. . . . .	128 Peterboro St., Detroit, Mich. . . . .	20
8HP	Wilder, John H. . . . .	194 Temple St., Fredonia, N. Y. . . . .	20
8IL	Williams, Burton P. . . . .	2321 Perrysville Ave. NS., Pittsburgh, Pa. . . . .	500
8KE	Williams, Edward R. . . . .	2106 E. 83d St., Cleveland, Ohio. . . . .	60
8DZ	Williams, Homer. . . . .	28 Auburn St., Ashtabula, Ohio. . . . .	12
8NG	Williams, Joseph H. . . . .	195 Bird Ave., Buffalo, N. Y. . . . .	36
8PY	Williams, Roy J. . . . .	499 Parsells Ave., Rochester, N. Y. . . . .	24
8IW	Wilson, Mark E. . . . .	323 12th St., Elyria, Ohio. . . . .	500
8NE	Winglemire, Maurice. . . . .	Saginaw St., Holly, Mich. . . . .	1,000
8KH	Winston, Norman E. . . . .	276 Federal St., Rochester, N. Y. . . . .	30

## AMATEUR RADIO STATIONS—EIGHTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
8SA	Wood, Dewey H. . . . .	402 E. Dutton St., Kalamazoo, Mich. . . .	20
8LM	Wood, John P. . . . .	Glenwood, N. Y. . . . .	18
8SK	Woodcock, William D. . . . .	496 W. Ferry St., Buffalo, N. Y. . . . .	385
8OA	Worbass, Raymond K. . . . .	7410 Carnegie Ave., Cleveland, Ohio. . . . .	250
8DO	Wright, Claude B. . . . .	822 Michigan St., Petoakey, Mich. . . . .	550
8QX	Young, Charles A. . . . .	427 Glenwood Ave., Buffalo, N. Y. . . . .	15
8GB	Young Men's Christian Association.	Zara and Virginia Sts., Pittsburgh, Pa. . . .	270
8GK	Young, Montgomery K. . . . .	19 Darien St., Rochester, N. Y. . . . .	16
8RG	Zittel, Harold E. . . . .	672 Elm St., Buffalo, N. Y. . . . .	18

## ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
8AA	Anderson, Sidney E.	8BX	Hubbell, Aaron W.
8AB	Barr, Forrest L.	8BY	Schwindt, Herman J.
8AC	Becelaere, Lawrence H.	8BZ	Shumard, Asbury.
8AE	Berndt, William F.	8CA	Stueve, Everett S.
8AF	Brewer, George S.	8CB	Thiessen, H. F. W.
8AG	Broome, Donald W.	8CC	Kessel, George.
8AH	Brown, Edward H.	8CD	Sachs, Gus.
8AJ	Clough, Bert E.	8CE	Adler, Jerome.
8AN	Davis, Frank.	8CF	Hull, Guy McC.
8AO	Deighan, Edward I.	8CG	Hull, Ralph S.
8AP	Dorsch, George.	8CH	Paul, James T.
8AQ	Ela, Edward C. and Willard C.	8CI	Richards, Theodore D. and George B.
8AS	Feightner, Amos E.	8CJ	Andrews, William S.
8AT	France, William.	8CK	Smith, Roland C.
8AU	Frost, Harry E.	8CL	Smith, G. C.
8AV	Fullwood, William R.	8CM	Thorn, Thomas H.
8AW	Gogel, Adelbert J.	8CN	Sheppard, Hamilton W.
8AX	Gentzsch, Leonard H.	8CP	Baker, Norman E.
8AY	Grosse, Frederick W.	8CQ	Brede, Erwin F.
8AZ	Hansen, Edmund H.	8CR	Coven, Allen W.
8BA	Hiller, Herbert A.	8CS	Howland, Dean W.
8BB	Howes, Stanley L.	8CT	Myers, Raymond W.
8BC	Holt, Nelson E.	8CV	Smith, Lewis A.
8BD	Hoch, Ellery T.	8CX	Phippeny, Forrest I.
8BE	Lippert, John P.	8CY	Payne, Arthur F.
8BF	Jarvis, Roy B.	8CZ	London, Henry J.
8BG	Kastenber, Paul G.	8DA	Rathbun, Hugh T.
8BH	Kingsbury, Kenneth.	8DB	Fellows, Bernard D.
8BI	Kroeger, Gustav H.	8DC	Reb, Frank.
8BJ	Kraus, Norman M.	8DD	Watts, Felix J.
8BK	Lappe, E. Robert.	8DE	Thomas, William K.
8BL	Leyh, Edward L.	8DF	Orrell, Robert W.
8BN	Lovejoy, Julian.	8DG	Bremer, Edmund H.
8BO	Lyons, Henry E.	8DI	Barton, Charles E.
8BP	Macer, Arthur J.	8DJ	Phillips, Glenn E.
8BQ	Menges, William E.	8DK	Whitmoyer, Ralph E.
8BR	Miner, Simeon J.	8DL	Sisson, William A.
8BS	Mogridge, Clarence J.	8DM	Bruns, Carl H.
8BT	Ogle, Harry B.	8DN	Knappen, Bert.
8BV	Gale, Roy H.		
8BW	Hermann, Harold N.		

AMATEUR RADIO STATIONS—EIGHTH DISTRICT—ALPHABETICALLY BY CALL SIGNALS—Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
8DO	Wright, Claude B.	8GA	Burr, Gordon.
8DQ	Roemer, Hubert J.	8GB	Hill Top Y. M. C. A.
8DR	Holmes, Charles E.	8GD	Donnelly, John J.
8DS	Moynahan, Roy D.	8GE	Anderson, John M., jr.
8DT	Rogers, Grant.	8GF	Erney, J. Clarence.
8DU	Downing, Harry E.	8GG	Eucler, Clarence J.
8DV	Cobb, Rupert G.	8GH	Glekler, Truman J.
8DW	Apper, Charles O.	8GI	Wahl, Edward C.
8DX	Porter, Harry T.	8GJ	Green, Harold L.
8DY	Pancoast, Donald F.	8GK	Young, Montgomery K.
8DZ	Williams, Homer.	8GL	Konrad, Henry.
8EA	Mack, Clifford J.	8GM	Adams, Ralph F.
8EB	Munsell, Robert S.	8GN	Henninger, Alan E.
8ED	Carver, Alfred J.	8GP	Hoffman, Edward H.
8EE	Coleman, Clarence E.	8GQ	Horn, Herbert E.
8EF	Dorst, Edward.	8GR	Joecken, George I.
8EG	Gebhard, Louis A.	8GS	Kneale, C. Kewley.
8EH	Grove, Nelson B.	8GT	Hamel, Arthur.
8EI	Gray, Clarence N.	8GU	Loehr, George R.
8EJ	Kolb, Edwin H.	8GV	Kleber, Jackson O.
8EK	Kumpf, Elmer H.	8GW	Moffet, Floyd E.
8EL	Langenbach, Leo.	8GX	Pentland, Henry B.
8EM	Murphy, John V.	8GZ	Probeck, John.
8EN	Shepard, Charles A.	8HA	Roblee, Judson.
8EO	Stickney, Richard W.	8HB	Roberts, Hayden P.
8EP	Scovill, Edward H.	8HC	Johnston, S. Paul.
8EQ	Leighton, Clifford R.	8HD	Myers, Homer B.
8ES	Van Hoesen, Claude L.	8HE	Stevenson, George L.
8ET	Goettel, Edward V.	8HF	Shaney, Aubrey A.
8EU	Carson, William J.	8HG	Schardt, Earl M.
8EV	Mason, Carl D.	8HH	Schoren, William E.
8EW	Rubel, Henry M., jr.	8HI	Barber, Nelson J.
8EX	Henlein, Carl A.	8HJ	Terry, James E., jr.
8EY	Blackmore, Andrew H.	8HK	Spiller, Archibald G.
8EZ	McConaughy, Mary Alice.	8HL	McCamon, Aurel.
8FA	Fender, Clinton H.	8HM	Lucas, Howard E.
8FB	Britney, Dudley R.	8HN	Selinske, Louis.
8FC	Holden, Ira S.	8HO	Holt, George W.
8FD	Walker, Carl.	8HP	Wilder, John H.
8FE	Finch, Brent S.	8HQ	Poux, Noel J.
8FF	Baker, Raymond S.	8HR	Schouman, Hazen.
8FG	Hewitt, Charles P.	8HS	Berry, L. Mack.
8FH	Haynes, William.	8HT	Romzick, Lawrence.
8FI	Burger, Richard W.	8HU	Faroo, Glenn.
8FJ	Clausing, Leroy M. E.	8HV	Denniston, Harry J.
8FK	Donehoo, Gray G.	8HW	Wellington, Vernon D.
8FL	Jenkins, William E.	8HX	White, Chester A.
8FM	Olson, Milton E.	8HY	Marshall, Floyd W.
8FN	Toland, Gerald H.	8HZ	Fraser, John W.
8FO	Snyder, Norman G.	8IA	Bolton, Frederick R.
8FQ	Remorino, L., jr.	8IB	Mielke, Carl E.
8FR	Brownell, Elmer.	8IC	Hill, Charles C., jr.
8FS	Wheat, G. F. Roy.	8ID	Norris, George H.
8FT	Spargo, James A., jr.	8IE	Cross, Gorham I.
8FU	Blattner, E. Herman.	8IF	Urban, Raymond G.
8FV	Backus, Harry F.	8IG	Neumann, Allen J.
8FW	Whitehead, D. R.	8II	Steim, L. Harold.
8FY	Schwalb, Walter J.	8IJ	Diederich, Paul E.
8FZ	Bennett, Edward J.	8IK	Mellon, J. H.

AMATEUR RADIO STATIONS—EIGHTH DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
8IL	Williams, Burton P.	8KW	Kohler, Harry W.
8IM	Nichols, D. A.	8KX	Cuff, Harold C.
8IN	Miller, Kenneth.	8KY	Kunnar, William.
8IO	Roe, Howard L.	8KZ	Landgraaf, William J.
8IP	Trotter, Robert J.		
8IQ	Richard, Roy H.	8LA	Mason, George S.
8IR	Miller, Arthur P.	8LB	Purves, Stuart S.
8IS	Middleton, Charles.	8LC	Range, Edwin H.
8IT	Cross, Gorham L.	8LD	Rice, Homer D.
8IU	Clarke, Andrew W.	8LE	Scott, Hoyt S.
8IV	Scott, Gail.	8LF	Saunders, Ezra L.
8IW	Wilson, Mark E.	8LG	Sibert, Richard E.
8IX	Newman, Arthur J.	8LH	Stauf, Jacob L.
8IY	Swain, Herbert N.	8LI	Vanselow, Waldemar
8IZ	Steinman, Dwight H.	8LJ	Baxter, Raymond L.
		8LK	Wieneke, Edward.
8JA	Gunn, Ross.	8LL	Schwanecamp, Raymond.
8JB	Beare, George L.	8LM	Wood, John P.
8JC	Schoenhen, Edwin B.	8LN	Spaulding, Ray F.
8JD	Heiser, Ernest J.	8LO	Breckel, Harry F.
8JE	Twitcheil, Herbert D.	8LP	Bly, Ralph.
8JF	Pleckenpol, Ernest.	8LQ	Dunlap, Orrin E., jr.
8JG	Lord, Donald M.	8LR	Davis, Charles W.
8JH	Edwards, C. Beaver.	8LS	Ferris, Warren O.
8JK	Jackson, Cotesworth M.	8LT	Fryman, Zalman B.
8JL	Appleton, Francis W.	8LU	Hewitt, James F.
8JO	Little, Donald G.	8LV	Lindow, Daniel A.
8JP	Becker, Freeman A.	8LW	Philepp, Lawrence A.
8JQ	Lusink, C. Irving	8LX	Reitt, Arthur A.
8JR	Sherrill, Alvan C.	8LY	Rose, Herman
8JS	West Tech Wireless Club.	8LZ	Sharbaugh, Wilbur.
8JT	Albrecht, Harvey O.		
8JU	Aldridge, George P.	8MA	Schulz, Edward G.
8JV	Kreighbaum, Cyril H.	8MB	Maxon, Harry L.
8JW	Anderson, Joseph D.	8MC	Holmes, Charles A.
8JX	MacCandless, Lyon H.	8MD	Hall, Eldred R.
8JZ	Manning, Alfred J.	8ME	Washington, George F.
		8MF	Robbin, Milo H.
8KA	Ankerman, Roy E.	8MG	Fish, J. Mulford.
8KB	Core, Eugene D.	8MH	Bushnell, Clarence E.
8KC	Manning, Jerry J.	8MI	Manning, Howard H.
8KD	Benjamin, Carlisle.	8MJ	Cahow, Paul D.
8KE	Williams, Edward R.	8MK	Finch, William G. H.
8KF	Broughton, Harry J.	8ML	Lovell, Charles L.
8KG	Camp, John D.	8MM	Benzee, Arthur H., jr.
8KH	Winston, Norman E.	8MO	Corts, Raymond E.
8KI	Flint High School.	8MP	Neupert, Robert E.
8KJ	Des Jardins, Gregory T.	8MQ	Dear, Harry D.
8KK	Devaney, Richard G.	8MR	Livingood, Hubert W.
8KL	Dreifus, Fred B.	8MS	Ritchie, Ole B.
8KM	Eden, Henley S.	8MT	Liller, William P.
8KN	Tyne, Gerald F.	8MU	Watson, Martin L.
8KO	Combs, Frayne.	8MV	Carson, William H.
8KP	Fuss, Chester G.	8MW	Follet, Louis, jr.
8KQ	Fisher, Earl U.	8MX	De Rose, Ralph.
8KR	Hills, Virgil A.	8MY	Fisher, Harold W.
8KS	Sidnell, Robert G.	8MZ	Davison, John.
8KT	Benzee, Joseph M.		
8KU	Jones, Miller.	8NA	Waterman, Fred W.
8KV	Dobbie, John, jr.	8NB	Chaffee, C. Lloyd.

AMATEUR RADIO STATIONS—EIGHTH DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
8NC	Coolidge, James H., 3d.	8PI	Day, James M.
8ND	Grigg, Arthur.	8PJ	Ehrick, William F.
8NE	Winglemire, Maurice.	8PK	Gamble, Frederick D.
8NF	House, Elra E.	8PL	Higgins, Robert R.
8NG	Williams, Joseph H.	8PM	Higy, Robert C.
8NH	Hyatt, Bunyan J.	8PN	Ritchie, Burrus L.
8NI	Daniels, Worth D.	8PO	Schaaf, John M.
8NJ	Bartholomew, William F.	8PP	Butcher, W. Byron.
8NK	Steinhoff, Charles F.	8PQ	Shaw, Eurcile L.
8NL	Budwig, Gilbert G.	8PR	Stiveson, Andrew.
8NM	Keen, William L.	8PS	Hart, John R.
8NN	Hahn, Ralph H.	8PT	Hornung, Romey W.
8NO	Hansen, Torvald.	8PU	Imbt, Russell.
8NP	Henderson, Earl G.	8PV	Pearson, Harry.
8NQ	Robbins, Melvin G.	8PW	Weaver, Frank M.
8NR	Stenger, John H.	8PX	Marsh, Harry H., jr.
8NS	Beck, Frank G.	8PY	Williams, Roy J.
8NT	Maue, Leon G.	8PZ	Bishop, Carryl L.
8NU	Brown, Willard S.		
8NV	Harrison, P. William, jr.	8QA	Ferguson, James G.
8NW	Hankin, John H.	8QB	Haderer, John.
8NX	Weiser, Elmer P.	8QC	Hauck, Roland E.
8NY	Straub, John O.	8QE	Kester, Harold P.
8NZ	Payne, William H.	8QF	Klinck, Charles C., jr.
		8QG	Lewis, Walter E.
8OA	Worbaas, Raymond K.	8QH	Washington, Booker.
8OB	Waldrip, Laurence H.	8QI	McEniry, Clifford U.
8OC	Kuehno, George J.	8QJ	Bormman, Frederick D.
8OD	Luedeke, William P., jr.	8QK	Jones, Edwin P.
8OE	Smith, Verne E.	8QL	Emmert, Herman C.
8OF	Goodwin, Seth A.	8QM	Jones, Jesse K.
8OG	Brink, Frank J.	8QN	Given, Everett J.
8OH	Swisher, Oka V.	8QO	Kirly, H. Howard.
8OI	Patterson, Grant, jr.	8QP	Powell, Ralph C.
8OJ	Furlong, Marcie J.	8QQ	Kampfe, Norbert J.
8OK	Scheib, Joseph.	8QR	Grostick, George E.
8OL	Stern, Fred W.	8QS	Brow, Robert.
8OM	Balsley, James I.	8QT	Sly, Edward E.
8ON	Ilgenfritz, Lester M.	8QU	Schunck, Robert F.
8OO	Bird, Harold C.	8QV	Hogan, James E.
8OP	Reynolds, Charles L.	8QW	Potts, Charles G.
8OQ	Butzler, Harry.	8QX	Young, Charles A.
8OR	Weny, Joseph C.	8QY	Martin, Cecil E.
8OS	Walker, Harlan N.	8QZ	Fletcher, Vernon.
8OT	Foster, Frank, jr.		
8OU	Boyer, Harry.	8RA	Klager, Oscar C.
8OV	Marcum, Richard.	8RB	Knapp, Harold.
8OW	Dotterweich, Joseph H.	8RC	Weil, Norman C.
8OX	Dreux, Alexander J.	8RD	Burr, Roy C.
8OY	McElhinny, J. Schubert.	8RE	Frank, Alfred.
8OZ	Fleming, James J.	8RF	Ritchie, Carl L.
		8RG	Zittel, Howell E.
8PA	Boekeloo, Ross M.	8RH	Blum, Robert A.
8PB	Henika, Charles F.	8RI	Beeler, Hughes.
8PC	Kersting, Ferdinand.	8RJ	Irvine, Robert P.
8PD	Krause, Karl A.	8RK	Dalrymple, Clarence F.
8PE	Lucas, Clarence E.	8RL	Last, George.
8PF	Malbin, Samuel.	8RM	Smith, Harold M.
8PG	Sherman, Fred.	8RO	Gwinner, Frederick, 3d.
8PH	Slyfield, Charles O.	8RP	Amos, Clyde O.

AMATEUR RADIO STATIONS—EIGHTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
8RQ	Ashtabula High School.	8SE	Falck, Norman B.
8RR	Hull, Earl C.	8SF	Fowler, Robert J.
8RT	Ubersax, Delmar G.	8SG	Pesek, Miro R.
8RU	Staaf, Werner.	8SH	Spotts, Ralph T.
8RV	Marshall, Frank J.	8SI	Beach, Walter R.
8RW	Schmidle, Claude.	8SJ	Otney, James N.
8RX	Barringer, Russ.	8SK	Woodcock, William D.
8RY	Goetz, Carl P.	8SL	Stenzel, Arthur W.
8RZ	Fritz, Rudolph A.	8SM	Coleman, H. Burr.
8SA	Wood, Dewey H.	8SN	Glatzel, Earle D.
8SB	Schmidt, Norman F.	8SO	Maggs, H. Carrol.
8SC	Bidwell, Paul.	8SP	Rich, Harland E.
8SD	Schindler, Louis J.	8SQ	Clarke, John H.

NINTH DISTRICT.

[Headquarters: Customhouse, Chicago, Ill. The ninth district comprises the States of Indiana, Illinois, Wisconsin, Michigan (Upper Peninsula), Minnesota, Kentucky, Missouri, Kansas, Colorado, Iowa, Nebraska, South Dakota, and North Dakota.]

ALPHABETICALLY BY OWNERS OF STATIONS.

Call signal.	Owner of station.	Location of station.	Power. Watts.
9FN	Abraham, Walter H.....	1204½ W. 5th St., Davenport, Iowa.....	16
9EX	Adolfson, George S.....	5229 Colorado St., Duluth, Minn.....	770
9BF	Afanasiew, Nick.....	1265 S. Bannock St., Denver, Colo.....	30
9FC	Anders, Harry R.....	4811 West End Ave., Chicago, Ill.....	495
9CF	Anderson, Adolf G.....	502 St. Lawrence Ave., Beloit, Wis.....	500
9GW	Arnold, Ercil.....	Chapman, Kans.....	250
9CO	Bantz, Russell.....	414 22d Ave., Milwaukee, Wis.....	50
9DA	Berger, Frank G.....	1425 Edgemont Ave., Chicago, Ill.....	225
9HE	Bergvall, Royal C. and Wesley E.	Stephenson, Wis.....	20
9AS	Billiter, Earle D.....	2610 S. Dupont Ave., Minneapolis, Minn.....	1,000
9DJ	Biltonen, William A.....	Houghton, Mich.....	50
9GB	Boess, Murray R.....	Lake Bluff, Ill.....	24
9BU	Brown, Clarence L.....	1022 E. Tabor St., Indianapolis, Ind.....	500
9AD	Bryant, Stanley C.....	2439 Mozart St., Chicago, Ill.....	150
9CR	Buehner, Howard.....	381 19th Ave., Milwaukee, Wis.....	.....
9GY	Bullock, Asa C.....	Hobart, Ind.....	1,000
9ED	Burgess, Charles M.....	Geneva, Ill.....	.....
9GX	Capper, Earl W.....	Letts Corner, Ind.....	24
9BJ	Chapin, Edwin C.....	79 Washington St., Denver, Colo.....	500
9FI	Chaudet, William J.....	4176-A Delmar Blvd., St. Louis, Mo.....	500
9DP	Clark, Bayard H.....	205 Augusta Ave., De Kalb, Ill.....	1,000
9GU	Clayton, Homer E.....	680 Arch St., Indianapolis, Ind.....	770
9BK	Clemons, G. H.....	Storm Lake, Iowa.....	50
9CN	Cobb, Merle.....	Elkhoru, Wis.....	50
9GV	Coles, James A.....	1500 Park Ave., Minneapolis, Minn.....	63
9BG	Connell, John F.....	205 E. Jackson St., Attica, Ind.....	50
9ET	Conzelman, J. Wilson.....	5207 Ridge Ave., St. Louis, Mo.....	770
9DI	Cottrell, W. Roscoe.....	Prairie City, Iowa.....	50
9EQ	Cruikshank, Charles A., jr.....	1000 Bird St., Hannibal, Mo.....	660
9GN	Curtis, Charles D.....	High School Bldg., Pembina, N. Dak.....	100
9AI	Cutting, Irving E.....	3611 Galena St., Milwaukee, Wis.....	700
9FH	Dahm, Henry L.....	5932 Plymouth Ave., St. Louis, Mo.....	950

## AMATEUR RADIO STATIONS—NINTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
9DF	Dangerfield, Alfred H.	405 Moffett Ave., Joplin, Mo.	<i>Watts.</i> 275
9EZ	Davis, Richard M.	1065 Yuma St., Denver, Colo.	40
9EG	Dean, Carl W.	3115 N. Capitol Ave., Indianapolis, Ind.	460
9GP	Denny, L. Erle.	Sorento, Ill.	24
9FE	Dunklan, George.	2634 Cottage Grove Ave., Chicago, Ill.	250
9BT	Duquette, Herbert E.	500 Glen Ave., Council Bluffs, Iowa.	250
9CW	Egloff, Martin F.	2729 W. Noble Ave., Chicago, Ill.	400
9EN	Fisher, Ralph.	918 S. 7th St., Fargo, N. Dak.	330
9BN	Flynn, John H., jr.	228 E. 5th St., Newport, Ky.	1,000
9AM	Foster, Edwin J.	925 Winchester St., Milwaukee, Wis.	750
9AX	Fowler, Harry A.	3 E. Armour Blvd., Kansas City, Mo.	1,000
9EK	French, Newell E.	1722 Maple St., Racine, Wis.	250
9BO	Fry, Claud.	833 W. 12th St., Des Moines, Iowa.	50
9BP	Gatzek, Richard.	317 S. 5th St., Richmond, Ind.	450
9AZ	Gerhard, George J.	1710 Dorcas St., Omaha, Nebr.	250
9DL	Goodell, Myron L.	613 N. Broadway, Abilene, Kans.	250
9ES	Graham, Walter N., jr.	4842 Maffitt Ave., St. Louis, Mo.	110
9FT	Graves, G. G.	Woodstock, Ill.	60
9GT	Grecian, Everett.	Hill City, Kans.	1,000
9AB	Groskopf, William L.	4816 W. Berteau Ave., Chicago, Ill.	250
9AE	Gundlach, Waldo L.	1837 Pratt Ave., Chicago, Ill.	20
9GG	Hagen, Edwin.	2330 Banks Ave., Superior, Wis.	220
9AV	Hamel, Walter H.	1006 S. 14th St., Lafayette, Ind.	-----
9CV	Hamilton, Leo L.	111 Brainard St., Harvard, Ill.	500
9CE	Hansen, Leland H.	1123 Herrick Ave., Racine, Wis.	500
9GI	Hanson, Frederick R. A.	477 31st Ave., Milwaukee, Wis.	24
9BX	Hantzsch, Ralph E.	1161 Island Ave., Milwaukee, Wis.	275
9CJ	Harry, Charles.	Quincy and Douglas Sts., Houghton, Mich.	660
9FL	Hauck, George.	218 Chestnut St., Newport, Ky.	16
9CX	Haynes, Roy.	6939 May St., Chicago, Ill.	420
9FR	Heckenkamp, Emile B.	300 E. St., Belleville, Ill.	770
9CP	Held, William J.	770 Washington St., Milwaukee, Wis.	50
9CU	Hieronimus, Thomas G.	3512 Independence Ave., Kansas City, Mo.	50
9DG	Hilgenberg, Noble C.	827 N. Capitol Ave., Indianapolis, Ind.	50
9AR	Hines, Gene.	1209 W. 25th St., Minneapolis, Minn.	250
9AF	Hollister, Harold A.	370 18th Ave., Milwaukee, Wis.	-----
9FQ	Hood, Norman R.	Y. M. C. A. Bldg., Burlington, Iowa.	20
9FF	Hughes, Walter J.	4100 State St., Chicago, Ill.	25
9GZ	Ihl, G. Sheridan.	3834 N. 25th St., St. Louis, Mo.	330
9EW	Jackson, Arved C.	910 N. Girard Ave., Minneapolis, Minn.	30
9BI	Jens, Elmer.	1401 3d St., Davenport, Iowa.	50
9DE	Jensen, Arnold L.	334 High School Ave., Council Bluffs, Iowa.	450
9CI	Johnson, August R.	Houghton, Mich.	50
9BS	Jorgenson, Harold.	941 Herrick Ave., Racine, Wis.	50
9CZ	Joyce, Raymond A.	516 E. 41st St., Chicago, Ill.	500
9BD	Keeler, Fayette W.	1807 Cumming Ave., Superior, Wis.	1,000
9EH	Kegley, William F.	2430 Kenwood Ave., Indianapolis, Ind.	1,000
9BY	Kennan, Richard C.	3170 N. Illinois St., Indianapolis, Ind.	250
9FA	King, Lawrence.	416 W. Michigan St., New Carlisle, Ind.	495
9AA	Klantz, Clarence.	3809 Vincennes Ave., Chicago, Ill.	500
9CM	Klicpera, Milhart F.	1705 Douglas Ave., Racine, Wis.	500
9DH	Knehans, Irwin N.	7 S. Sprigg St., Cape Girardeau, Mo.	250
9DB	Knotts, H. J. E.	Illipolis, Ill.	60
9AK	Kottler, Carl F.	1035 2d St., Milwaukee, Wis.	-----
9EJ	Kreis, Erwin.	542 35th St., Milwaukee, Wis.	18
9FU	La Duke, Earl R.	1100 S. Josephine St., Denver, Colo.	250
9EU	Landis, Clyde L.	3020 S. Bryant Ave., Minneapolis, Minn.	250
9EC	Lebo, Robert B.	1306 Main St., Richmond, Ind.	700
9AO	Lipman, Theodore E. K.	136 W. Grand Ave., Beloit, Wis.	1,000



## AMATEUR RADIO STATIONS—NINTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power. Watts.
9GK	Lobas, John.....	635 31st St., Milwaukee, Wis.....	24
9GL	Long, Frank A.....	6046 Woodlawn Ave., Chicago, Ill.....	440
9EM	Love, Andrew A., jr.....	812 S. 7th St., Fargo, N. Dak.....	110
9CK	Lowe, Meredith B.....	237½ E. Pratt St., Indianapolis, Ind.....	50
9CG	Mahan, Joe R.....	214 S. 6th St., Independence, Kans.....	280
9FB	Martin, John J.....	2107 Adams St., Chicago, Ill.....	220
9AG	Marx, Gustav A.....	334½ 15th St., Milwaukee, Wis.....	.....
9BB	Mattenheimer, Ervin B.....	559 Lexington Ave., Newport, Ky.....	85
9AC	McGuffage, William J.....	4418 Wabash Ave., Chicago, Ill.....	500
9ER	McLoad, Kenneth.....	3962-A Blaine Ave., St. Louis, Mo.....	550
9FZ	McManus, John C.....	1001 Morgan St., Keokuk, Iowa.....	150
9BH	Miller, R. Boyce.....	400 S. 16th St., Independence, Kans.....	500
9CD	Moen, Vere.....	216 Cedar St., Boone, Iowa.....	50
9BR	Moore, Robert R.....	200 E. Armour Blvd., Kansas City, Mo.....	1,000
9FW	Moreland, Henry F.....	1009 Washington Ave., Cairo, Ill.....	400
9AP	Morgan, Hiram.....	R. F. D. No. 30, Beloit, Wis.....	1,000
9GF	Mueller, Carl E.....	1010 S. Pierce St., Milwaukee, Wis.....	24
9EL	Murphy, James P.....	Broadland, S. Dak.....	30
9BE	Myers, Delbert.....	Amboy, Ind.....	45
9BQ	Nelson, Eddie.....	731 N. 3d St., Fargo, N. Dak.....	550
9CA	Norene, Raymond E.....	2558 Avenue A, Council Bluffs, Iowa.....	220
9FK	Oetjen, Richard J.....	Williams Bay, Wis.....	500
9DK	O'Neil, Donald H. C.....	5740 Bartmer Ave., St. Louis, Mo.....	600
9FY	Pagett, Harry L.....	1027 Fulton St., Keokuk, Iowa.....	18
9BL	Perine, W. B.....	1728 Hall Pl., Indianapolis, Ind.....	500
9CC	Pierson, Oscar E.....	Williams Bay, Wis.....	60
9HD	Prahl, Louis.....	463 10th Ave., Milwaukee, Wis.....	24
9FM	Preuss, Arthur C.....	212 E. 9th St., Newport, Ky.....	10
9AY	Quinby, Porter H.....	114 S. 19th St., Omaha, Nebr.....	20
9GA	Racke, Arthur I.....	31 18th St., Newport, Ky.....	490
9CS	Ragan, Tate V.....	523 Garfield Ave., Kansas City, Mo.....	.....
9FO	Rehm, Ralph E.....	1102 N. 3d St., Kansas City, Kans.....	160
9BW	Reinhardt, William.....	3437 Taylor St., Omaha, Nebr.....	250
9FS	Reinke, Earl C.....	1019 S. 5th Ave., Fargo, N. Dak.....	1,000
9CH	Riggin, Benjamin F.....	2112 Ammie Ave., Kansas City, Mo.....	50
9AQ	Riner, John A.....	High School, Beloit, Wis.....	1,000
9EO	Rivett, Ralph.....	1934 Garfield Ave., Lincoln, Nebr.....	400
9GS	Robbins, Donald T.....	15 W. 58th St., Kansas City, Mo.....	24
9EV	Sandquist, Reuben G.....	1122 W. Erie St., Chicago, Ill.....	20
9FV	Saunders, P. Bushnell.....	700 E. 4th St., Delta, Colo.....	550
9AL	Schroeder, Walter.....	647 Washington St., Milwaukee, Wis.....	.....
9DN	Sears, Charles L.....	1322 Bayard Ave., St. Louis, Mo.....	185
9GH	Sever, Harold C.....	303 E. Broadway, Pleasant Plains, Ill.....	40
9BM	Shively, Roy J.....	827 S. 29th St., Omaha, Nebr.....	500
9EF	Shotwell, Harold H.....	446 W. 61st Pl., Chicago, Ill.....	770
9AJ	Siegel, Robert C.....	478 Potter Ave., Milwaukee, Wis.....	800
9EE	Silcox, Harry.....	1526 S. New Jersey St., Indianapolis, Ind.....	550
9GJ	Simpson, Virgil S.....	1380 Union Ave., St. Louis, Mo.....	550
9GE	Smith, Hubert A.....	301 W. Illinois St., Urbana, Ill.....	1,000
9BA	Smith, Paul C.....	Mulberry, Ind.....	60
9FX	Smith, Wilson.....	219 Rome Ave., Rockford, Ill.....	450
9DO	Snyder, W. Roy.....	5356 Easton Ave., St. Louis, Mo.....	275
9EI	Spaniol, John T.....	1324 Harrison St., Superior, Wis.....	250
9GM	Sproehnie, John R.....	5809 Blackstone Ave., Chicago, Ill.....	250
9AT	Stetson, Donald T.....	2162 Carrol Ave., St. Paul, Minn.....	400
9AW	Stewart, Albert H.....	522 Ann St., Frankfort, Ky.....	250
9EA	Stribley, Orris J.....	511 S. 4th St., Moorhead, Minn.....	220
9FP	Tawkes, Charles E.....	503 Hill St., Dubuque, Iowa.....	85
9AU	Taylor, Thomas J.....	1846 Lincoln Ave., St. Paul, Minn.....	280
9BC	Theasing, Herman.....	216 N. 16th St., Richmond, Ind.....	500

AMATEUR RADIO STATIONS—NINTH DISTRICT—ALPHABETICALLY BY OWNERS OF STATIONS—Continued.

Call signal.	Owner of station.	Location of station.	Power.
9AH	Thomas, Carroll W. . . . .	266 17th St., Milwaukee, Wis. . . . .	<i>Watts.</i> 12
9GO	Thompson, Harry E. . . . .	712 E. Madison St., Belvidere, Ill. . . . .	100
9GD	Thompson, Hugh L. . . . .	3810 Walnut St., Kansas City, Mo. . . . .	24
9EB	Tomann, Orville R. . . . .	R. F. D. No. 1, Ellsworth, Wis. . . . .	24
9DD	Tschernitz, Frank. . . . .	315 Chestnut St., Milwaukee, Wis. . . . .	250
9EY	Urquhart, David G. . . . .	110 S. Irving Ave., Chicago, Ill. . . . .	32
9BZ	Van Deusen, Arthur S. jr. . . . .	1613 Wesley Ave., Evanston, Ill. . . . .	200
9BV	Van Slyck, Wellington. . . . .	836 Main St., Lake Geneva, Wis. . . . .	250
9DC	Wanner, Theodore L. . . . .	Fargo, N. Dak. . . . .	1,000
9CT	Wember, Anthony A. . . . .	89 13th St., North Chicago, Ill. . . . .	550
9CQ	Weyant, James E. . . . .	Shortridge High School, Indianapolis, Ind. . . . .	350
9CL	Whitaker, Harold P. . . . .	1004 10th St., Racine, Wis. . . . .	50
9GQ	Wiggin, Parker E. . . . .	737 Waverly Ave., Kansas City, Kans. . . . .	550
9AN	Willett, Charles J. . . . .	425 Clement Ave., Milwaukee, Wis. . . . .	440
9FG	Wilson, Gilbert M. . . . .	718 S. 10th St., La Fayette, Ind. . . . .	495
9EP	Wilson, Guy E. . . . .	3922 Flora Ave., Kansas City, Mo. . . . .	40
9HA	Woods, William E. . . . .	4536-A Laclede Ave., St. Louis, Mo. . . . .	500
9CY	Wooster, Stanley W. . . . .	5531 Lowe Ave., Chicago, Ill. . . . .	420
9FJ	Wyckoff, Ralph R. . . . .	167 Diamond St., Houghton, Mich. . . . .	27
9HB	Youker, J. Clayton. . . . .	Lake Bluff, Ill. . . . .	24
9DM	Ziesenis, Harry. . . . .	700 Mississippi St., Lawrence, Kans. . . . .	550

ALPHABETICALLY BY CALL SIGNALS.

Call signal.	Owner of station.	Call signal.	Owner of station.
9AA	Klantz, Clarence.	9BF	Afanasiew, Nick.
9AB	Groskopf, William L.	9BG	Connell, John F.
9AC	McGuffage, William J.	9BH	Miller, R. Boyce.
9AD	Bryant, Stanley C.	9BI	Jens, Elmer.
9AE	Gundlach, Waldo L.	9BJ	Chapia, Edwin C.
9AF	Hollister, Harold A.	9BK	Clemons, G. H.
9AG	Marx, Gustav A.	9BL	Perine, W. B.
9AH	Thomas, Carroll W.	9BM	Shively, Roy J.
9AI	Cutting, Irving E.	9BN	Flynn, John H., jr.
9AJ	Siegel, Robert C.	9BO	Fry, Claud.
9AK	Kottler, Carl F.	9BP	Gatzek, Richard.
9AL	Schroeder, Walter.	9BQ	Nelson, Eddie.
9AM	Foster, Edwin J.	9BR	Moore, Robert R.
9AN	Willett, Charles J.	9BS	Jorgenson, Harold.
9AO	Lipman, Theodore E. K.	9BT	Duquette, Herbert E.
9AP	Morgan, Hiram.	9BU	Brown, Clarence L.
9AQ	Riner, John A.	9BV	Van Slyck, Wellington.
9AR	Hines, Gene.	9BW	Reinhardt, William.
9AS	Billiter, Earle D.	9BX	Hantzsch, Ralph E.
9AT	Stetson, Donald T.	9BY	Kennan, Richard C.
9AU	Taylor, Thomas J.	9BZ	Van Deusen, Arthur S., jr.
9AV	Hamel, Walter H.		
9AW	Stewart, Albert H.	9CA	Norene, Raymond E.
9AX	Fowler, Harry A.	9CC	Pierson, Oscar E.
9AY	Quinby, Porter H.	9CD	Moen, Vere.
9AZ	Gerhard, George J.	9CE	Hansen, Leland H.
		9CF	Anderson, Adolf G.
9BA	Smith, Paul C.	9CG	Mahan, Joe R.
9BB	Mattenheimer, Ervin B.	9CH	Riggin, Benjamin F.
9BC	Thesing, Herman.	9CI	Johnson, August R.
9BD	Keeler, Fayette W.	9CJ	Harry, Charles.
9BE	Myers, Delbert.	9CK	Lowe, Meredith B.

AMATEUR RADIO STATIONS—NINTH DISTRICT—ALPHABETICALLY BY CALL SIGNALS—  
Continued.

Call signal.	Owner of station.	Call signal.	Owner of station.
9CL	Whitaker, Harold P.	9FA	King, Lawrence
9CM	Klicpera, Milhart F.	9FB	Martin, John J.
9CN	Cobb, Merle.	9FC	Anders, Harry R.
9CO	Bantz, Russell.	9FE	Dunklan, George.
9CP	Held, William J.	9FF	Hughes, Walter J.
9CQ	Weyant, James E.	9FG	Wilson, Gilbert M.
9CR	Buehner, Howard.	9FH	Dahm, Henry L.
9CS	Ragan, Tate V.	9FI	Chaudet, William J.
9CT	Wember, Anthony A.	9FJ	Wyckoff, Ralph R.
9CU	Hieronimus, Thomas G.	9FK	Oetjen, Richard J.
9CV	Hamilton, Leo L.	9FL	Hauck, George.
9CW	Egloff, Martin F.	9FM	Preuss, Arthur C.
9CX	Haynes, Roy.	9FN	Abraham, Walter H.
9CY	Wooster, Stanley W.	9FO	Rehm, Ralph E.
9CZ	Joyce, Raymond A.	9FP	Tawkes, Charles E.
		9FQ	Hood, Norman R.
9DA	Berger, Frank G.	9FR	Heckencamp, Emile B.
9DB	Knotts, H. J. E.	9FS	Reineke, Earl C.
9DC	Wanner, Theodore L.	9FT	Graves, G. G.
9DD	Tschernitz, Frank.	9FU	La Duke, Earl R.
9DE	Jensen, Arnold L.	9FV	Saunders, P. Bushnell.
9DF	Dangerfield, Alfred H.	9FW	Moreland, Henry F.
9DG	Hilgenberg, Noble C.	9FX	Smith, Wilson.
9DH	Knehans, Irwin N.	9FY	Pagett, Harry L.
9DI	Cottrell, W. Roscoe.	9FZ	McManus, John C.
9DJ	Biltonen, William A.		
9DK	O'Neil, Donald H. C.	9GA	Racke, Arthur L.
9DL	Goodell, Myron L.	9GB	Boess, Murray R.
9DM	Ziesenis, Harry.	9GD	Thompson, Hugh L.
9DN	Sears, Charles L.	9GE	Smith, Hubert A.
9DO	Snyder, W. Roy.	9GF	Mueller, Carl E.
9DP	Clark, Bayard H.	9GG	Hagen, Edwin.
		9GH	Sever, Harold C.
9EA	Stribley, Orris J.	9GI	Hanson, Frederick R. A.
9EB	Tomann, Orville R.		
9EC	Lebo, Robert B.	9GJ	Simpson, Virgil S.
9ED	Burgess, Charles M.	9GK	Lobas, John.
9EE	Silcox, Harry.	9GL	Long, Frank A.
9EF	Shotwell, Harold H.	9GM	Sproehnl, John R.
9EG	Dean, Carl W.	9GN	Curtis, Charles D.
9EH	Kegley, William F.	9GO	Thompson, Harry E.
9EI	Spaniol, John T.	9GP	Denny, L. Erle.
9EJ	Kreis, Erwin.	9GQ	Wiggin, Parker E.
9EK	French, Newell E.	9GS	Robbins, Donald T.
9EL	Murphy, James P.	9GT	Grecian, Everett.
9EM	Love, Andrew A., jr.	9GU	Clayton, Homer E.
9EN	Fisher, Ralph.	9GV	Coles, James A.
9EO	Rivett, Ralph.	9GW	Arnold, Ercil.
9EP	Wilson, Guy E.	9GX	Capper, Earl W.
9EQ	Cruikshank, Charles A., jr.	9GY	Bullock, Asa C.
9ER	McLoad, Kenneth.	9GZ	Ihl, G. Sheridan.
9ES	Graham, Walter N., jr.		
9ET	Conzelman, J. Wilson.	9HA	Woods, William E.
9EU	Landis, Clyde L.	9HB	Youker, J. Clayton.
9EV	Sandquist, Reuben G.	9HD	Prahl, Louis.
9EW	Jackson, Arved C.	9HE	Bergvall, Royal C. and Wesley E.
9EX	Adolfson, George S.		
9EY	Urquhart, David G.		
9EZ	Davis, Richard M.		















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