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DEPARTMENT OF COMMERCE  
BUREAU OF NAVIGATION  
RADIO SERVICE

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COMMERCIAL AND GOVERNMENT  
RADIO STATIONS OF THE  
UNITED STATES

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EDITION JUNE 30, 1921

GENERAL



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**DEPARTMENT OF COMMERCE**  
**BUREAU OF NAVIGATION**  
**RADIO SERVICE**

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STATE UNIVERSITY

**COMMERCIAL AND GOVERNMENT**  
**RADIO STATIONS OF THE**  
**UNITED STATES**

**EDITION JUNE 30, 1921**



**WASHINGTON**  
**GOVERNMENT PRINTING OFFICE**  
**1921**

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MAY 1921

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Additional copies of this publication may be procured from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 15 cents per copy.

Copies of other publications of the Radio Service, Department of Commerce, may also be procured from the Superintendent of Documents, as follows: Amateur Radio Stations of the United States, 15 cents; Radio Communication Laws and Regulations, 15 cents each; Radio Service Bulletin (issued monthly), containing amendments to or changes in radio laws and regulations and items of general interest concerning their enforcement, with latest information concerning all radio stations, except amateur, 5 cents each or 25 cents per year.

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## NOTES.

Supplements, under the title "Radio Service Bulletin," are issued monthly and distributed to the United States officers engaged in or concerned with the enforcement of the radio laws for their guidance and instruction and to those concerned with the operation of Government and commercial radio stations for their information.

Amendments to or changes in the Radio Laws and Regulations of the United States are printed in this bulletin in such a manner that they may be clipped and pasted in their proper places in that publication.

Items of general interest concerning the enforcement of the radio laws are printed in the bulletin from time to time, as occasion warrants.

Copies of this bulletin may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents per copy or 25 cents per year.

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

### 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.

#### Vessel owners:

- U. S. S. B.=United States Shipping Board.

#### Radio companies:

- C. & W. R. C.=Cutting & Washington Radio Corporation.
- F. T. Co.=Federal Telegraph Co.
- I. R. T. Co.=International Radio Telegraph Co.
- I. W. T. Co.=Independent Wireless Telegraph Co.
- R. C. of A.=Radio Corporation of America.
- S. O. R. S.=Ship Owners Radio Service.
- T. R. T. Co.=Tropical Radio Telegraph Co.

#### Classification:

- b=Ship station.
- c=Land station.
- DF=Direction-finding service only, general public, no charges.

# COMMERCIAL AND GOVERNMENT RADIO STATIONS OF THE UNITED STATES.

## INTRODUCTION.

The list, including land and ship stations, is published in accordance with section 1 of an act of Congress entitled "An act to regulate radio communication," approved August 13, 1912.

This publication contains a complete list of the commercial and Government land and ship stations, technical and training stations, experimental stations, and special amateur stations. A complete list of Amateur Radio Stations of the United States is printed separately, copies of which are available only from the Superintendent of Documents, Government Printing Office, Washington, D. C., at a nominal price.

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 circulars April 1, 1914, and August 1, 1915. The distribution of call letters among nations thus authorized is printed as follows for the guidance of operators of all stations (ship and shore) of the United States:



AAA to AMZ..	Germany.	OJA to OJZ ..	Finland.
ANA to APZ..	Dutch Indies.	OKA to OKZ..	Czechoslovakia.
AQA to AWZ..	Norway.	OLA to OMZ ..	Netherlands.
AXA to AZZ..		ONA to OTZ..	Belgium and colonies.
B.....	Great Britain.	OUA to OZZ ..	Denmark.
CAA to CEZ...	Chile.	PAA to PIZ...	Netherlands.
CFA to CKZ ..	Great Britain and pro- tectorates.	PJA to PJM...	Curacao.
CLA to CMZ..	Spain.	PJN to PJZ ..	Surinam.
CNA to CNZ..	Morocco.	PKA to PMZ..	Dutch Indies.
COA to COZ ..	Great Britain.	PNA to PPZ..	Brazil.
CPA to CPZ ..	Bolivia.	PQA to PSZ...	Portugal.
CQA to CQZ ..	Monaco.	PTA to PVZ ..	Brazil.
CRA to CUZ..	Portugal and possessions.	PWA to PWZ ..	Cuba.
CVA to CVZ ..	Roumania.	PXA to PZZ..	Netherlands.
CWA to CWZ..	Uruguay.	Q.....	Reserved for code abbre- viations.
CXA to CXZ..	Spain.	R.....	Russia.
CYA to CZZ...	Mexico.	SAA to SMZ ..	Sweden.
D.....	Germany.	SNA to STZ..	Brazil.
EAA to EHZ..	Spain and colonies.	SUA to SUZ ..	Egypt.
EIA to EZZ...	Great Britain.	SVA to SZZ...	Greece.
F.....	France and colonies.	TAA to TEZ ..	Turkey.
G.....	Great Britain.	TFA to TFZ ..	Iceland.
HAA to HAZ..	Hungary.	TGA to THZ..	Greece.
HBA to HBZ..	Switzerland.	TIA to TOZ...	Spain.
HCA to HCZ..	Ecuador.	TPA to TUZ..	Norway.
HDA to HEZ.	Netherlands.	TVA to TZZ ..	Netherlands.
HFA to HFZ..	Kingdom of Serbia.	UAA to UMZ..	France and colonies and, protectorates.
HGA to HHZ.	Siam.	UNA to UNZ..	Kingdom of Serbia.
HIA to HIZ..	Dominican Republic.	UOA to UOZ..	Austria.
HJA to HKZ ..	Republic of Colombia.	UPA to UZZ..	Italy.
HLA to HNU.	Spain.	VAA to VGZ..	Canada (British).
HNV to HNZ.	New Hebrides.	VHA to VKZ..	Australia (British).
HOA to HZZ..	France and colonies and protectorates.	VLA to VMZ..	New Zealand (British).
I.....	Italy and colonies.	VNA to VNZ..	South African Union (British).
J.....	Japan and colonies.	VOA to VOZ ..	Newfoundland (British).
KA A to KBZ..	Germany.	VPA to VSZ ..	British colonies not au- tonomous.
KCA to KCZ ..	Latvia.	VT A to VWZ..	British India.
KDA to KZZ..	United States.	VX A to VZZ..	Colonies and protecto- rates of Great Britain.
LAA to LHZ..	Norway.	W.....	United States.
LIA to LRZ...	Argentine Republic.	XAA to XDZ ..	Mexico.
LSA to LUZ ..	Great Britain.	XEA to XMZ ..	Great Britain.
LVA to LVZ..	Guatemala.	XNA to XSZ..	China.
LWA to LWZ ..	Norway.	XTA to XZZ..	Great Britain.
LXA to LZZ..	Bulgaria.	Y.....	Great Britain.
M.....	Great Britain.	Z.....	Great Britain.
N.....	United States.		
OAA to OBZ <sup>1</sup>	Peru...		
OCA to OFZ ..	Great Britain.		
OGA to OIZ...	Denmark.		

<sup>1</sup> Provisionally.

## PUBLIC-SERVICE STATIONS.

3. The call letters assigned to the United States are all three and four letter combinations beginning with the letter N and all beginning with the letter W, and all combinations from KDA to KZZ, inclusive. The international call letters assigned to the United States 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 United States Army.

(b) During the war the combinations of three letters beginning with K, W, and N were exhausted, and it was necessary to assign combinations of four letters beginning with K, W, and N. Operators should be careful in transmitting call letters to avoid confusion between the three and the four letter combinations.

## LIMITED COMMERCIAL STATIONS.

4. Call letters for limited commercial land and ship stations are allotted by the Bureau of Navigation.

## RADIO STATIONS OF THE WORLD.

5. 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 list 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 sections. The first section contains a list of coast stations, grouped by countries and arranged alphabetically; the second section contains a list of ship 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 stated in francs and centimes. 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, and a copy of this list is required as a part of the equipment of

every land station open to general public service and every ship station of the first or second class on American vessels engaged in foreign trade or the transoceanic service. The international alphabetical list of call letters (stations of the world) is also issued by the International Bureau at Berne, and supplements are issued monthly. 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:

HERBERT HOOVER,  
*Secretary of Commerce.*

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

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Akutan, Alaska.....	KMW	300, 450, 600	PR	X	North Pacific Sea Products Co.
Alitak, Alaska.....	KYL	300, 500, 600	PR	X	Alaska Packers Ass'n.
Amuguis, P. I.....	KDRF				Philippine Insular Government.
Babylon, N. Y. See New York, N. Y.	WSE				Independent Wireless Teleg. Co.
Bakersfield, Calif.....	KDNT	425	PR	X	San Joaquin Light & Power Corp.
Batangas, P. I.....	KUXK				Philippine Insular Government.
Baytown, Tex.....	KDPS	300, 600	PR	X	Humble Oil & Refining Co.
Beaumont, Tex.....	WOD	300, 440, 600	PR	X	Magnolia Petroleum Co.
Becharof, Alaska.....	KUDV	300, 500, 600	PR	X	Alaska Packers Ass'n.
Belfast, Me.....	WNN	300, 450, 600, 1800	PG	<sup>1</sup> N	International Radio Teleg. Co.
Belmar, N. J. See New Brunswick, N. J.	WII				Radio Corp. of America.
Bolinas, Calif.....	KET	5860, 6700, 7020	PR	N	Do.
Bolinas, Calif.....	KPH	300, 450, 600	PG	N	Do.
Boston, Mass.....	WBF	300, 450, 600, 1800	PG	N	Tropical Radio Teleg. Co.
Bristol Bay, Alaska. See Metha Nelson.	KMP				Alaska Packers Ass'n.
Brooklyn, N. Y.....	WCG	300, 450, 600, 1800	PG	N	International Radio Teleg. Co.
Burrwood, La.....	WBW	300, 600, 1700	PG	X	Tropical Radio Teleg. Co.
Butte, Mont.....	KMN	550, 1700	PR	X	Montana Power Co.
Camp 60, Calif.....	KDPV	300, 540, 600	PR	X	Southern California Edison Co.
Camp 61, Calif.....	KDPW	300, 540, 600	PR	X	Do.
Cape Edwards, Alaska.....	KEY	300, 550, 600	PR	X	Deep Sea Salmon Co.
Cape May, N. J.....	WCY	300, 600	PG	N	International Radio Teleg. Co.
Cascada, Calif.....	KDPV	300, 540, 600	PR	X	Southern California Edison Co.
Cebu, P. I.....	KUXJ				Philippine Insular Government.
Chatham, Mass.....	WCC	300, 450, 600, 1800	PG	N	Radio Corp. of America.
Chatham, Mass. See Marion, Mass.	WSO				Do.
Cheboygan, Mich.....	KUXM	300, 450, 600	PR	X	Warren W. Kathan.
Chicago, Ill.....	WGO	300, 600, 2000	PR	( <sup>2</sup> )	Inter-City Radio Co.
Chignik, Alaska.....	KHC	300, 600, 1610	PR	X	Alaska Packers Ass'n.
Chisik Island, Alaska.....	KUCP	300, 550, 600, 1650	PR	X	Surf Packing Co.
Clarks Point, Alaska.....	KHG	300, 400, 500, 600	PR	X	Alaska Packers Ass'n.
Cleveland, Ohio.....	KDPM	300, 330, 500, 600	P	X	Westinghouse Electric & Mfg. Co.
Cleveland, Ohio.....	WCX	300, 600, 1640, 2050	PR	( <sup>3</sup> )	Inter-City Radio Co.
Culion, P. I.....	KDLQ				Philippine Insular Government.
Cuyo, P. I.....	WVX	600, 1200	PG	X	Do.
Dallas, Tex.....	KUXP	300, 500, 600	PR	N	Continental Radio Teleg. & Telp. Co.
Daly, Alaska.....	KDJT	300, 500, 600	PR	X	Alaska-Portland Packers Ass'n.
Davao, P. I.....	WVO	600, 1200	PG	X	Philippine Insular Government.
Dearborn, Mich.....	KDEN	300, 460, 480, 500, 520, 600	PR	X	Henry Ford.
Detroit, Mich.....	KDPH	300, 400, 600, 1625	PR	X	Detroit-Edison Co.
Detroit, Mich.....	WDR	300, 600, 1850, 3062	PR	( <sup>3</sup> )	Inter-City Radio Co.
East Hampton, N. Y.....	WSA	300, 600, 1800	PG	N	Cutting & Washington Radio Corp.
East Moriches, N. Y.....	WBC	300, 450, 600	PG	N	Independent Wireless Teleg. Co.
East Pittsburgh, Pa.....	KDKA	500, 3200	PR	( <sup>2</sup> )	Westinghouse Electric & Mfg. Co.
Egegik, Alaska.....	KMF	300, 550, 600	PR	X	Libby, McNeill & Libby.
Ekuk, Alaska.....	KMG	300, 500, 600	PR	X	Do.
Ensenada, P. R.....	WPR	300, 600, 1800	PG	X	S. Porto Rico Sugar Co. of Porto Rico
Fairport, Va.....	KDAH	300, 450, 600	PR	( <sup>1</sup> )	C. E. Davis Packing Co.
Fall River Mills, Calif.....	KDJ	200, 250, 275, 300, 600.	PR	X	George H. Taylor.
Fall River Valley, Calif.....	KDQN	1650	PR	X	Pacific Gas and Electric Co.
False Pass, Alaska.....	KJL	300, 525, 600, 2000	PR	X	P. E. Harris & Co.

<sup>1</sup> Operates 23 hours during every 24 hours.  
<sup>2</sup> Operates from 8.30 a. m. to 5 p. m.

<sup>3</sup> Operates from 7 a. m. to 9 p. m.  
<sup>4</sup> Operates from 7 a. m. to 6 p. m.

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

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Ferris Oil Field, Wyo. . . . .	KDIC	425	PR	X	General Petroleum Corp. of Calif. Continental Radio Teleg. & Telp. Co. San Joaquin Light & Power Corp. Thinket Packing Co. Sugarland Industries.
Fort Worth, Tex. . . . .	KDMK	500	PR	N	
Fresno, Calif. . . . .	KDNU	425	PR	X	
Funter, Alaska . . . . .	KXK	300, 550, 600	PR	X	
Galveston, Tex. . . . .	KDLZ	300, 375, 425, 600	PR	X	
Hawk Inlet, Alaska. . . . .	KKAI	300, 550, 600	PR	X	P. E. Harris & Co. Federal Telegraph Co.
Hillsboro, Oreg. . . . .	KGH	300, 600, 8300, 9400, 14200, 15300	PR	X	
Hog Island, Pa. . . . .	KDAB		P	X	American International Shpg. Corp. Hyder Townsite & Improvement Co.
Hyder, Alaska. . . . .	KDFA	300, 550, 600, 1610	PG	X	
Ikaton, Alaska. . . . .	KXW	300, 460, 600	PR	X	Pacific American Fisheries. Philippine Insular Government.
Iloilo, P. I. . . . .	KUVM				
Isabela de Basilan, P. I. . . . .	KHI	200	PG	X	Do.
Johnswood, Mich. . . . .	KUVQ	300, 450, 600	PR	X	Kreetan Co.
Jolo, P. I. . . . .	WVS	600	PG	X	Philippine Insular Government.
Jordan, Mont. . . . .	KUVR	500	PR	(1)	Miles City-Jordan Wireless Co.
Jualin, Alaska. . . . .	KJA	300, 600, 1980	PG	X	Jualin Alaska Mines Co.
Kahuku, Hawaii. . . . .	KIE	300, 600, 16435	PR	N	Radio Corp. of America.
Karluk, Alaska. . . . .	KYK	300, 500, 600	PR	X	Alaska Packers Ass'n.
Kaunakakai, Hawaii. . . . .	KHO	300, 550, 600	PR	(2)	Mutual Telephone Co.
Kawaihae, Hawaii. . . . .	KHN	300, 550, 600	PR	(2)	Mutual Telephone Co.
King Cove, Alaska. . . . .	KJK	300, 450, 600, 1610	PG	X	Pacific American Fisheries.
Koggiung, Alaska (moored vessel). . . . .	KUBX	300, 400, 600	PR	X	Alaska Packers Ass'n.
Koggiung, Alaska. . . . .	KVV	300, 450, 600, 1610	PR	X	Libby, McNeill & Libby.
Koko Head, Hawaii. See Kahuka, Hawaii. . . . .	KIE				Radio Corp. of America.
Kussilof, Alaska. . . . .	KKAO	525, 600, 1610	PR	X	Alaska Packers Ass'n. Do.
Kvichak, Alaska. . . . .	KHB	300, 400, 500, 600	PR	X	
Kwiguk Slough, Alaska. . . . .	KOV	550, 600, 1610	PG	X	Carlisle Packing Co.
Lahaina, Hawaii. . . . .	KHL	300, 550, 600	PR	(2)	Mutual Telephone Co.
Latouche, Alaska. . . . .	KIM	300, 600, 1650	PG	X	Kennecott Copper Corp.
Lazy Bay, Alaska. . . . .	KEPS	300, 600, 1650	PR	X	Alitak Packing Co.
Libbyville, Alaska. . . . .	KMT	300, 600, 1700, 2200	PG	X	Libby, McNeill & Libby.
Lihue, Hawaii. . . . .	KHM	300, 550, 600	PR	(2)	Mutual Telephone Co.
Lockanok, Alaska. . . . .	KML	300, 550, 600, 1650	PR	X	Libby, McNeill & Libbey.
Long Beach, Calif. . . . .	KUXT	300, 350, 400, 450, 500, 600	PR	(4)	Pacific Telep. & Teleg. Co.
Lost Harbor, Alaska. . . . .	KWS	300, 600	PR	X	Alaska Sulphur Co. Philippine Insular Government.
Malabang, P. I. . . . .	WVT	600, 1200	PG	X	
Malangas, P. I. . . . .	KUXG				Do.
Malita, P. I. . . . .	KDLP				Do.
Marion, Mass. . . . .	WSO	12000	PR	N	Radio Corp. of America.
Marshall, Alaska. . . . .	KIS	300, 550, 600, 1650	PR	X	John C. Currin.
Marshall, Calif. See Bolinas, Calif. . . . .	KET				Radio Corp. of America.
Metha Nelson (moored vessel). . . . .	KMP	300, 400, 600	PR	X	Alaska Packers Ass'n.
Miles City, Mont. . . . .	KUXN	500	PR	(1)	Miles City-Jordan Wireless Co.
Nakat Inlet, Alaska. . . . .	KDW	300, 525, 600, 1700, 2000	PR	X	G. W. Hume & Co.
Naknek, Alaska. . . . .	KIIT	300, 600, 1610	PR	X	Alaska Packers Ass'n. Naknek Packing Co.
Naknek, Alaska. . . . .	KMK	300, 500, 600	PR	X	
Nelson Lagoon, Alaska. . . . .	KXV	300, 450, 600	PR	X	Pacific American Fisheries.
Newark, N. J. . . . .	WJZ	300, 600, 3100,	PR	(5)	Westinghouse Electric & Mfg. Co.
New Brunswick, N. J. . . . .	WHI	13600	PR	N	Radio Corp. of America.
New Brunswick, N. J. . . . .	WNY	300, 450, 600	PG	N	Do.
New London, Conn. . . . .	WLC	300, 600, 1800	PG	N	International Radio Teleg. Co.
New Orleans, La. . . . .	WNU	300, 600, 1700	PG	N	Tropical Radio Teleg. Co.
Newport, R. I. . . . .	WCI	300, 450, 600	PG	(6)	International Radio Teleg. Co.
New York, N. Y. . . . .	KDKF	200, 300, 450, 600	PR	N	Radio School of the Seamen's Church Institute.
New York, N. Y. . . . .	WHB	300, 600, 2710	PR	X	E. J. Simon.
New York, N. Y. . . . .	WHI	300, 600, 1700	PR	(7)	John Wanamaker.
New York, N. Y. . . . .	WSE	300, 450, 600, 1800	PG	N	Independent Wireless Teleg. Co.

1 Operates from 8 a. m. to 6 p. m.  
2 Operates from 7 a. m. to 5.30 p. m.  
3 Operates from 7 a. m. to 12 p. m.  
4 Operates from 7 a. m. to 11 p. m.

5 Operates from 8 a. m. to 10 p. m.  
6 Operates from 8 p. m. to 5 a. m.  
7 Operates from 9 a. m. to 5 p. m.

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

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
New York, N. Y.....	WSK	300, 450, 600	PR	(1)	Panama R. R. Co.
Nixon Fork, Alaska.....	KDRY	300, 600, 1650	PR	X	Alaska Treadwell Gold Mining Co.
Northville, Mich.....	KDEP	300, 500, 600	PR	X	Henry Ford.
Nushagak, Alaska.....	KKAE	300, 600, 1600	PR	X	Libby, McNeill & Libby.
Ogden, Utah.....	KUPQ	200, 425	PR	X	Ogden-Portland Cement Co.
Palo Alto, Calif.....	KWT	300, 600, 8300, 9400, 14200, 15300	PR	X	Federal Telegraph Co.
Pedroçitas, Calif.....	KUXV	300, 350, 400, 450, 500, 600	PR	(2)	Pacific Telep. & Teleg. Co.
Philadelphia, Pa.....	WHE	300, 600, 1700	PR	(3)	John Wanamaker.
Pilot Point, Alaska.....	KUDT	300, 500, 600	PR	X	Alaska Packers Ass'n.
Pirate Cove, Alaska.....	KOYN	300, 600, 1650	PR	X	Union Fish Co.
Port Aloupe, Alaska.....	KLW	300, 450, 525, 600	PR	X	Deep Sea Salmon Co.
Port Beauclaire, Alaska.....	KWO	300, 550, 600	PR	X	Beauclaire Packing Co.
Port Chatham, Alaska.....	KWH	-----	-----	-----	Alaska Ocean Food Co.
Port Lebak, P. I.....	KDMX	-----	-----	-----	Philippine Insular Government.
Port Huron, Mich.....	KDPJ	300, 400, 500, 600, 1625	PR	X	Detroit-Edison Co.
Port Moller, Alaska.....	KWR	300, 450, 600, 1610	PR	X	Pacific-American Fisheries.
Port Walter, Alaska.....	KEQ	300, 500, 525, 600	PG	X	Alaska Herring & Sardine Co.
Puerto Princesa, P. I....	WVW	600, 1200	PG	X	Philippine Insular Government.
Quincy, Mass.....	KDQU	300, 600, 1985	PR	X	Bethlehem Shipbuilding Corp.
Radioville, Alaska.....	KWW	300, 550, 600	PR	X	Joseph T. Bauer.
Rainbow, Mont. (near Great Falls, Mont.).	KLQ	550, 1700	PR	X	Great Falls Power Co.
Rawlins, Wyo.....	KDIB	425	PR	X	General Petroleum Corp. of Calif.
Rockland, Me.....	WST	300, 450, 600, 1800	PG	N	East Coast Fisheries Co.
Ruby, Alaska (moored vessel).	KDRH	300, 400, 600	PR	X	Alaska Packers Ass'n.
Saltchuck, Alaska.....	KWQ	300, 525, 600, 1650	PR	X	Saltchuck Mining Co.
San Diego, Calif.....	KDPT	200, 300, 425, 600	PR	X	Southern Electrical Co.
San Francisco, P. I.....	KDLR	-----	-----	-----	Philippine Insular Government.
San Francisco, Calif.....	KDQO	300, 600, 1650	PR	X	Pacific Gas and Electric Co.
San Francisco, Calif.....	KDRO	300, 450, 600, 1605	PR	X	Bethlehem Shipbuilding Corp.
San Francisco, Calif.....	KFS	300, 600, 1800	PG	N	Federal Telegraph Co.
San Francisco, Calif.....	KHH	300, 570, 600,	PR	X	John P. Hickey.
San Jose, P. I.....	WVY	600	PG	X	Philippine Insular Government.
Seattle, Wash.....	KPA	300, 600	PG	N	Puget Sound Wireless Teleg. Co.
Seattle, Wash.....	KPE	300, 450, 600	PR	N	City of Seattle.
Siasconset, Mass.....	WSC	300, 450, 600	PG	X	International Radio Teleg. Co.
Snag Point, Alaska.....	KHF	300, 400, 500, 600	PR	X	Alaska Packers Ass'n.
Sugarland, Tex.....	KDLY	300, 375, 425, 600	PR	X	Sugarland Industries.
Sulzer, Alaska.....	KKAA	300, 550, 600	PR	X	Chas. A. Sulzer.
Superior, Mich.....	KDPI	300, 500, 600, 1625	PR	X	Detroit-Edison Co.
Susanville, Calif.....	WDK	200, 250, 275, 300, 600	PR	X	R. D. Mayes.
Tenakee, Alaska.....	KOSC	300, 550, 600	PG	X	Columbia Salmon Co.
Thompson Falls, Mont.....	KLL	550, 1700	PR	X	Thompson Falls Power Co.
Tuckerton, N. J.....	WGG	300, 600, 16000	PR	N	Radio Corp. of America.
Tulsa, Okla.....	KDGT	425, 450	PR	N	Southwestern Wireless Teleg. & Telep. Co.
Ugashik, Alaska.....	KMU	300, 500, 600	PR	X	Red Salmon Canning Co.
Unga Island, Alaska.....	KVI	300, 600, 1650	PR	X	Alaska Codfish Co.
Uyak, Alaska.....	KHA	300, 600, 1610	PR	X	Alaska Packers Ass'n.
Wahiawa, Hawaii.....	KHK	300, 550, 600	PG	N	Mutual Telephone Co.
Warren, Alaska.....	KDJU	300, 500, 600	PR	X	Alaska-Portland Packers Ass'n.
Washington Bay, Alaska	KQS	300, 550, 600, 1650	PR	X	Petersburg Packing Co.
Wichita Falls, Tex.....	KUXQ	1750	PR	N	Continental Radio Teleg. & Teleg. Co.
Yakutat, Alaska.....	KKA	300, 550, 600	PR	X	Libby, McNeill & Libby.
Zamboanga, P. I.....	WVW	600, 1200	PG	X	Philippine Insular Government.

<sup>1</sup> Operates from 9 a. m. to 6 p. m., daily except Sunday.

<sup>2</sup> Operates from 7 a. m. to 11 p. m.

<sup>3</sup> Operates from 9 a. m. to 5 p. m.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
A. A. Dougherty . . .	KDHF	300, 450, 600	PG-X	National Oil Transport Co. . .	C. & W.
Abangarez . . . . .	KDI	300, 600	PG-N	United Fruit Co. . . . .	T. R. T. Co.
Abercos . . . . .	KOVR	300, 600	PG-X	U. S. S. B. . . . .	S. O. R. S.
Ablanset . . . . .	KIXF	300, 600	PG-X	do . . . . .	I. W. T. Co.
Abner Coburn . . . .	WHR	300, 550, 600	PG-X	Libby, McNeill & Libby . . . .	S. O. R. S.
Abraham Lincoln . .	KIXS	300, 600	PG-X	U. S. S. B. . . . .	do . . . . .
Abron . . . . .	KEBD	300, 600	PG-N	do . . . . .	R. C. of A.
Absaroka . . . . .	WKW	300, 600	PG-X	do . . . . .	Do.
Absecon . . . . .	KSEA	300, 600	PG-X	do . . . . .	I. W. T. Co.
A. C. Bedford . . . .	KNZ	300, 450, 600	PG-X	Standard Oil Co. of N. J. . . . .	R. C. of A.
Accomac . . . . .	KMOE	300, 600	PG-X	U. S. S. B. . . . .	S. O. R. S.
Achilles . . . . .	KPT	300, 450, 600	PG-N	Panama R. R. Co. . . . .	Owner of vessel.
Acme . . . . .	KIJ	300, 450, 600	PG-X	Standard Transportation Co. . .	R. C. of A.
Acropolis . . . . .	KDRI	300, 450, 600	PG-N	Stephen D. Stephenidis . . . . .	Do.
Admiral Dewey . . . .	WAY	300, 600	PG-N	Pacific S. S. Co. . . . .	Do.
Admiral Evans . . . .	KICZ	300, 450, 600	PG-N	do . . . . .	Do.
Admiral Farragut . .	WAF	300, 600	PG-N	do . . . . .	Do.
Admiral Goodrich . .	WRJ	300, 450, 525, 600	PG-N	do . . . . .	Do.
Admiral Mayo . . . . .	WZIO	300, 440, 525, 600	PG-X	Pacific-Alaska Navigation Co. . .	Do.
Admiral Nicholson . .	KMAA	300, 450, 600	PG-X	Pacific S. S. Co. . . . .	Do.
Admiral Rodman . . .	WOA	300, 600	PG-N	do . . . . .	Do.
Admiral Schley . . . .	WAZ	300, 600	PG-N	do . . . . .	Do.
Admiral Sebree . . . .	WAG	300, 600	PG-X	Pacific-Alaska Navigation Co. . .	Do.
Admiral Sims . . . . .	KXUO	300, 440, 525, 600	PG-X	do . . . . .	Owner of vessel.
Admiral Wainright . .	WSF	300, 450, 600	PG-X	Dollar S. S. Line . . . . .	S. O. R. S.
Admiral Watson . . . .	WAW	300, 550, 600	PG-N	Pacific S. S. Co. . . . .	R. C. of A.
Adria . . . . .	KUSZ	300, 450, 600	PG-X	U. S. S. B. . . . .	do . . . . .
Advance . . . . .	KMV	300, 450, 600	PG-N	Panama R. R. Co. . . . .	Owner of vessel.
Aeolus . . . . .	KOZC	300, 600	PG-N	U. S. S. B. . . . .	S. O. R. S.
A. E. R. Schneider . . .	WFUI	300, 450, 600	PG-X	Morrow S. S. Co. . . . .	C. & W.
Afel . . . . .	KISQ	300, 600	PG-X	U. S. S. B. . . . .	R. C. of A.
Afoundria . . . . .	KOMQ	300, 600	PG-X	do . . . . .	S. O. R. S.
Agarista . . . . .	KLUU	300, 600	PG-X	do . . . . .	do . . . . .
Agawam . . . . .	WNIE	300, 600	PG-X	do . . . . .	I. W. T. Co.
Agememnon . . . . .	KOXQ	300, 600	PG-N	do . . . . .	do . . . . .
Agron . . . . .	KUVJ	300, 600	PG-X	do . . . . .	do . . . . .
Agwibay . . . . .	KDSR	300, 600	PG-N	A., G. & W. I. S. S. Lines . . . .	do . . . . .
Agwidale . . . . .	WDOA	300, 600	PG-X	Mallory S. S. Co. . . . .	Do.
Agwihavre . . . . .	KDRX	300, 600	PG-X	A., G. & W. I. S. S. Lines . . . .	Do.
Agwilake . . . . .	KDNN	300, 600	PG-X	do . . . . .	Do.
Agwimars . . . . .	KDMC	300, 600	PG-X	do . . . . .	Do.
Agwimoon . . . . .	KDBC	300, 600	PG-X	do . . . . .	Do.
Agwisca . . . . .	KDMB	300, 600	PG-X	do . . . . .	Do.
Agwismith . . . . .	KDRC	300, 600	PG-N	do . . . . .	Do.
Agwistar . . . . .	KEPG	300, 600	PG-X	New York & Cuba Mail S. S. Co. .	Do.
Agwistone . . . . .	KDPO	300, 450, 600	PG-X	A., G. & W. I. S. S. Lines . . . .	Do.
Agwisun . . . . .	KDAD	300, 600	PG-X	do . . . . .	Do.
Agwiworld . . . . .	KDMD	300, 600	PG-X	do . . . . .	Do.
Agylla . . . . .	KUXS	300, 450, 600	PG-X	National Oil Transport Co. . . . .	S. O. R. S.
Airlie . . . . .	WBEL	300, 600	PG-X	Nacirena S. S. Corp. . . . .	do . . . . .
Aisne . . . . .	KDNC	300, 600	PG-N	U. S. S. B. . . . .	do . . . . .
Ajax . . . . .	KOJ	300, 600	PG-X	South Seas Pacific Co. . . . .	do . . . . .
Ala . . . . .	KDOB	300, 600	PG-X	U. S. S. B. . . . .	do . . . . .
Alabama . . . . .	WFB	300, 600	PG-N	Goodrich Transit Co. . . . .	R. C. of A.
Alabama . . . . .	WRAE	300, 600	PG-N	Texas Co. . . . .	I. W. T. Co.
Alabat . . . . .	WSAO	300, 600	PG-N	U. S. S. B. . . . .	do . . . . .
Aladdin . . . . .	KDQM	300, 600	PG-X	Standard Transportation Co. . . .	R. C. of A.
Alameda . . . . .	KOBN	300, 600	PG-N	U. S. S. B. . . . .	S. O. R. S.
Alameda . . . . .	WAA	300, 440, 525, 600	PG-N	Alaska S. S. Co. . . . .	Do.
Alamo . . . . .	KEJ	300, 450, 600	PG-N	Mallory S. S. Co. . . . .	I. W. T. Co.
Alamosa . . . . .	WLUI	300, 600	PG-X	U. S. S. B. . . . .	S. O. R. S.
Alaska . . . . .	WWS	300, 450, 525, 600	PG-N	Alaska S. S. Co. . . . .	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Alaskan.....	WKA	300, 600	PG-X	American-Hawaiian S. S. Co.	Owner of vessel.
Alberta.....	KZA	300, 600, 1800	PG-X	Fred G. Bourne.	
Albert E. Watts.....	KDOK	300, 600	PG-X	Sinclair Navigation Co.	R. C. of A.
Alcona.....	WLUO	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Aledo.....	KEPL	300, 600	PG-N	do.	Do.
Algic.....	KDDC	300, 600	PG-X	do.	I. W. T. Co.
Algonquin.....	KDKH	300, 450, 600	PG-X	Standard Transportation Co.	R. C. of A.
Algonquin.....	KIZT	300, 450, 600	PG-N	Clyde S. S. Co.	I. W. T. Co.
Alicia.....	KZB	300, 600	PG-X	Alfred I. Dupont	Owner of vessel.
A. L. Kent.....	KDLL	300, 600	PG-X	Crowell & Thurlow S. S. Co.	Do.
Allaguash.....	KVX	300, 450, 525, 600	PG-X	American-Transatlantic Co.	Do.
Allegheny.....	WRAI	300, 600	PG-X	Great Lakes Transit Corp.	
Allentown.....	KVIU	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Alliance.....	KMA	300, 450, 600	PG-N	Panama R. R. Co.	Owner of vessel.
Alliance.....	WRV	300, 600	PG-X	Gulf Mail S. S. Co.	
Allies.....	KQAA	300, 600	PG-X	U. S. S. B.	R. C. of A.
Alloway.....	KTAA	300, 600	PG-N	do.	S. O. R. S.
Aloha.....	KYH	300, 450, 600	PG-X	Arthur C. James	Owner of vessel.
Alpena.....	WCS	300, 600	PG-X	Wyandotte Transportation Co.	R. C. of A.
Ambridge.....	KIKQ	300, 600	PG-N	U. S. S. B.	I. W. T. Co.
A. M. Byers.....	WMY	300, 600	PG-X	North American S. S. Co.	R. C. of A.
Amcross.....	KOVF	300, 600	PG-X	U. S. S. B.	Do.
Amelia.....	WRF	300, 600	PG-X	Atlantic Fruit Co.	Do.
America.....	KDOW	300, 600	PG-X	U. S. Mail S. S. Co.	Do.
American.....	WKF	300, 600	PG-X	American-Hawaiian S. S. Co.	Owner of vessel.
American Press.....	KUDN	300, 600	PG-X	U. S. S. B.	R. C. of A.
American Star.....	KIPP	300, 450, 600	PG-X	American Star Line.	Do.
Amolco.....	KMB	300, 600	PG-X	Boston Molasses Co.	Owner of vessel.
Ampetco.....	KMAU	300, 450, 600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Amphion.....	WJS	300, 600	PG-N	U. S. S. B.	Do.
Anaconda.....	KOFD	300, 450, 600	PG-N	do.	Do.
Anacortes.....	KQOA	300, 600	PG-N	do.	I. W. T. Co.
Anahuac.....	KUZL	300, 600	PG-X	do.	Do.
Ancon.....	KMS	300, 450, 600	PG-N	Panama R. R. Co.	Owner of vessel.
Andalusia.....	WJA	300, 600	PG-N	U. S. S. B.	
Andrea F. Luckenbach.....	KTFV	300, 600	PG-N	Luckenbach S. S. Co.	S. O. R. S.
Andrew Jackson.....	KONQ	300, 600	PG-X	U. S. S. B.	Do.
Angeles. See The Angeles.					
Aniwa.....	KROE	300, 600	PG-N	do.	I. W. T. Co.
Anna E. Morse.....	KUTD	300, 600	PG-X	do.	Do.
Annapolis.....	KDOM	300, 600	PG-X	City of Baltimore	Owner of vessel.
Ann Arbor No. 3.....	WDN	300, 600	PG-X	Ann Arbor R. R. Co.	R. C. of A.
Ann Arbor No. 4.....	WDO	300, 600	PG-X	do.	Do.
Ann Arbor No. 5.....	WDP	300, 600	PG-X	Empire Trust Co.	Do.
Ann Arbor No. 6.....	WDQ	300, 600	PG-X	Ann Arbor Boat Co.	Do.
Annetta.....	WRG	300, 450, 600	PG-X	Atlantic Fruit Co.	Do.
Annette Rolph.....	KETZ	300, 600	PG-X	Rolph Navigation & Coal Co.	Owner of vessel.
Anniston.....	KIDM	300, 600	PG-X	U. S. S. B.	
Anniston City.....	KDSG	300, 600	PG-X	U. S. Steel Products Co.	
Anoka.....	KQEE	300, 600	PG-X	U. S. S. B.	
Anthracite Bridge.....	KUKG	300, 600	PG-X	do.	R. C. of A.
Antietam.....	KONR	300, 600	PG-X	do.	
Antilla.....	KWD	300, 450, 600	PG-X	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Antinous.....	KDAX	300, 450, 600	PG-X	Green Star S. S. Co.	Do.
Antonia.....	KOLD	300, 600	PG-N	Madrigal & Co.	
Apache.....	KVA	300, 450, 600	PG-N	Clyde S. S. Co.	Do.
Apalachee.....	WSAE	300, 600	PG-X	U. S. S. B.	
Apex.....	KGUI	300, 425, 600	PG-X	Wilson Fisheries Co.	Owner of vessel.
Apus.....	KDBZ	300, 600	PG-X	Nafra Co.	I. W. T. Co.
Aquarius.....	KUSN	300, 600	PG-X	do.	Do.
Aquilo.....	FOCJ	300, 425, 600	P-X	H. F. Alexander	Owner of vessel.
Aragon.....	KUKB	300, 600	PG-X	Hawk S. S. Line	C. & W.
Arapahoo.....	KVB	300, 450, 600	PG-N	Clyde S. S. Co.	I. W. T. CO.
Arcadia.....	WWD	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Archer.....	KXG	300, 600	PG-N	do.	R. C. of A.
Arcturus.....	KURD	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Ardan.....	KDPN	300, 600	PG-X	do.	Do.
Ardmore.....	KIA	300, 450, 600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Arenas.....	KIRM	300, 600	PG-X	U. S. S. B.	
Argenta.....	KIKS	300, 600	PG-X	do.	
Argon.....	KUDD	300, 600	PG-X	Standard Transportation Co.	Do.
Argonne.....	KSIO	300, 450, 600	PG-X	Argonne S. S. Co.	Do.
Argonne.....	KDKW	300, 600	PG-N	U. S. S. B.	
Argosy.....	KDHL	300, 600	PG-X	do.	S. O. R. S.
Argus.....	KUVD	300, 600	PG-X	do.	Do.



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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Ario.....	KULM	300,450,600	PG-X	Standard Transportation Co.	R. C. of A.
Arizona.....	WFG	300,600	PG-X	Goodrich Transit Co.	Do.
Arizonan.....	WKB	300,600	PG-X	American Hawaiian S. S. Co.	Owner of vessel.
Arizpa.....	KULN	300,600	PG-X	U. S. S. B.	Do.
Armenia.....	KYM	300,600	PG-X	do.	I. W. T. Co.
Artemis.....	KDLJ	300,600	PG-X	J. M. Scott.	Owner of vessel.
Artemis.....	WQS	300,600	PG-N	U. S. S. B.	I. W. T. Co.
Artigas.....	KURG	300,600	PG-X	do.	Do.
Aryan.....	KOLB	300,600	PG-X	Texas Co.	Do.
Asabeth.....	KIXG	300,600	PG-X	U. S. S. B.	Do.
Ascutney.....	KYV	300,600	PG-N	do.	R. C. of A.
Ashbee.....	KIGZ	300,600	PG-X	do.	I. W. T. Co.
Ashland County.....	KOMR	300,450,600	PG-X	do.	S. O. R. S.
Ashtabula.....	WEZ	300,600	PG-X	Pennsylvania & Ontario Navigation Co.	R. C. of A.
Askawake.....	KETM	300,450,600	PG-X	U. S. S. B.	Do.
Asquam.....	KISV	300,600	PG-X	do.	Do.
Assinipi.....	KIPB	300,600	PG-X	do.	S. O. R. S.
Astmachco III.....	WGB	300,600	PG-X	Astmachco 3 (Inc.)	Do.
Astmachco IV.....	WDF	300,600	PG-X	Astmachco 4 (Inc.)	Do.
Astra.....	KDSE	300,600	PG-X	J. Bullock.	Do.
Astral.....	KIQE	300,450,600	PG-X	Standard Transportation Co.	R. C. of A.
Astrea.....	KDOP	300,600	PG-X	Davidson Chemical Co.	Do.
Asuncion.....	WTX	300,450,600	PG-X	G. W. McNear (Inc.)	Do.
Atenas.....	KDK	300,600	PG-N	United Fruit Co.	T. R. T. Co.
Atlanta City.....	KDSW	300,600	PG-X	U. S. Steel Products Co.	Do.
Atlanta of Texas.....	KDCN	300,600	PG-X	U. S. S. B.	S. O. R. S.
Atlantic Sun.....	KUMS	300,600	PG-X	Sun Oil Co.	R. C. of A.
Atlas.....	WTT	300,450,600	PG-X	Standard Oil Co. of Calif.	Do.
Auburn.....	WDOE	300,450,600	PG-N	U. S. S. B.	Do.
Auditor.....	KOFF	300,600	PG-X	do.	S. O. R. S.
Ausable.....	WWP	300,600	PG-X	American Transatlantic Co.	Owner of vessel.
Avalon.....	KIZL	300,600	PG-X	W. H. Wood.	Do.
Avalon.....	WFH	300,600	PG-X	Wilmington Trnsp. Co.	R. C. of A.
Avondale.....	KKAU	300,600	PG-X	U. S. S. B.	Do.
Babboosc.....	KITC	300,600	PG-N	do.	Do.
Babinda.....	KODP	300,600	PG-X	Pacific Motorship Co.	Do.
Bacarac.....	KUSX	300,600	PG-X	Independent S. S. Co.	Do.
Bacol.....	KJU	300,450,600	PG-X	Gillespie S. S. Corp.	Do.
Backerscock.....	KUJD	300,600	PG-X	U. S. S. B.	Do.
Bakersfield.....	KIZC	300,600	PG-X	do.	I. W. T. Co.
Balcatta.....	KOLM	300,600	PG-X	Pacific Motorship Co.	Do.
Baldbutte.....	KISM	300,600	PG-X	U. S. S. B.	Do.
Baldhill.....	KOBV	300,600	PG-X	do.	S. O. R. S.
Baldridge.....	KEQG	300,600	PG-X	do.	R. C. of A.
Baldrock.....	KEQJ	300,600	PG-X	do.	S. O. R. S.
Balldcamp.....	KENV	300,450,600	PG-X	do.	R. C. of A.
Balenas.....	KEMZ	300,600	PG-X	do.	S. O. R. S.
Ballew.....	KENQ	300,600	PG-X	do.	Do.
Balsam.....	KIJC	300,600	PG-N	do.	I. W. T. Co.
Banaran.....	KENZ	300,600	PG-N	do.	Do.
Bannack.....	KIZQ	300,600	PG-N	do.	Do.
Bantu.....	KLM	300,600	PG-X	U. S. Steel Products Co.	R. C. of A.
Bar Harbor.....	KEFD	300,600	PG-X	U. S. S. B.	I. W. T. Co.
Barkhamstead.....	WLOU	300,600	PG-X	do.	S. O. R. S.
Barlow.....	WLAE	300,600	PG-X	do.	Do.
Barrallton.....	KIDT	300,600	PG-X	do.	I. W. T. Co.
Barranca.....	KIFR	300,600	PG-X	do.	S. O. R. S.
Barrenfark.....	KIJD	300,600	PG-X	do.	R. C. of A.
Barryton.....	KIJF	300,600	PG-X	do.	I. W. T. Co.
Barstow.....	KIJR	300,600	PG-X	do.	Do.
Barthney.....	KIZD	300,600	PG-X	do.	R. C. of A.
Bartolome.....	KOBS	300,450,600	PG-X	do.	Do.
Bartholomew.....	KOMF	300,600	PG-X	do.	Do.
Barugo.....	KEQC	300,600	PG-X	do.	Do.
Barwick.....	KOBR	300,600	PG-X	do.	C. & W.
Basco.....	WVEI	300,600	PG-N	do.	Do.
Bascobel.....	KOFS	300,600	PG-X	France & Canada S. S. Co.	R. C. of A.
Basford.....	KOFR	300,600	PG-X	France & Canada Oil Trnsp. Co.	Do.
Batanes.....	KEKX	300,600	PG-X	U. S. S. B.	Do.
Bathalum.....	KIQT	300,600	PG-X	do.	I. W. T. Co.
Bathgate.....	KIQS	300,600	PG-X	do.	Do.
Batino.....	KERC	300,600	PG-X	do.	Do.
Baton Rouge.....	KSG	300,450,600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Bavington.....	KOPC	300,450,600	PG-X	U. S. S. B.	Do.
Bayamo.....	WDEU	300,600	PG-X	New York & Cuba M. S. S. Co.	I. W. T. Co.
Bay Head.....	KINT	300,450,600	PG-X	U. S. S. B.	Do.
Bayou Chico.....	KDGG	300,600	PG-X	do.	Do.
Betty R.....	KDTF	200,300,600	PR-X	Edward C. Crossett.	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Bayport.....	KUJC	300, 600	PG-X	U. S. S. B.....	
Bayside.....	KDDX	300, 600	PG-X	do.....	S. O. R. B.
Bayspring.....	KDDW	300, 600	PG-X	do.....	Do.
Baytown.....	KDEM	300, 600	PG-X	Humble Oil & Refining Co.....	R. C. of A.
Bayway.....	KSR	300, 600	PG-X	Standard Oil Co. of N. J.....	Do.
Bearport.....	KUBK	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Beatrice.....	KLJ	300, 600	PG-X	A. H. Bull S. S. Co.....	I. W. T. Co.
Beaumont.....	WXUA	300, 600	PG-X	U. S. S. B.....	
Belair.....	WTOI	300, 600	PG-X	do.....	
Belfast.....	KRD	300, 600	PG-X	Eastern S. S. Lines.....	R. C. of A.
Belfort.....	KIQB	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Bella.....	WAX	300, 600	PG-X	Antonio Carozza.....	Owner of vessel.
Bellbuckle.....	KITK	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Bellemina.....	KODS	300, 600	PG-N	do.....	I. W. T. Co.
Bellepline.....	KOKF	500, 450, 600	PG-N	do.....	S. O. R. S.
Bellerose.....	KOKD	300, 450, 600	PG-N	do.....	R. C. of A.
Bellflower.....	KOPQ	300, 600	PG-N	do.....	I. W. T. Co.
Bellhaven.....	KOFC	300, 600	PG-N	do.....	R. C. of A.
Bellingham.....	WCIA	300, 600	PG-X	do.....	I. W. T. Co.
Bellota.....	KVEA	300, 600	PG-X	do.....	
Belvidere.....	KEQK	300, 600	PG-N	do.....	S. O. R. S.
Benjamin Brewster	KPS	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Benj. F. Packard..	WLA	300, 450, 525, 600	PG-X	Booth Fisheries Co.....	S. O. R. S.
Benoni.....	KERR	300, 600	PG-N	U. S. S. B.....	I. W. T. Co.
Benowa.....	KOTZ	300, 600	PG-X	Pacific Motorship Co.....	
Bensaalem.....	KOFT	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Berlin.....	WRB	300, 600	PG-X	Alaska-Portland Pack. Assn.....	Owner of vessel.
Besemer.....	KIGT	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Besemer City.....	KDOF	300, 450, 600	PG-X	U. S. Steel Products Co.....	Do.
Bethelridge.....	KERT	300, 600	PG-N	U. S. S. B.....	I. W. T. Co.
Bethlehem Bridge.	KIUV	300, 600	PG-X	do.....	S. O. R. S.
Bethlehem Ship- building Corp. <sup>1</sup>	KUPF			Bethlehem Shipbldg. Corp.....	Owner of vessel.
Bethnor.....	KOKT	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Betsy Bell.....	KITM	300, 600	PG-N	do.....	S. O. R. S.
Betterton.....	KUBG	300, 600	PG-X	do.....	Do.
Bibbo.....	KDHJ	300, 450, 600	PG-X	do.....	Do.
Bidwell.....	KESQ	300, 450, 600, 1800	PG-X	do.....	Do.
Biloxi.....	KPAI	300, 600	PG-X	do.....	
Biran.....	KKOA	300, 600	PG-X	do.....	I. W. T. Co.
Birchleaf.....	KEMD	300, 600	PG-X	do.....	R. C. of A.
Bird City.....	KOBP	300, 600	PG-X	do.....	I. W. T. Co.
Birmingham City.	KUTT	300, 450, 600	PG-X	U. S. Steel Products Co.....	R. C. of A.
Black Arrow.....	WLN	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
Blair.....	KIGR	300, 600	PG-X	do.....	I. W. T. Co.
Blue Hen State.....	KDTC	300, 600	PG-X	U. S. S. B.....	
Blue Point.....	KDLU	300, 600	PG-X	Atlantic Fisheries Co.....	
Blue Triangle.....	KUGS	300, 600	PG-X	U. S. S. B.....	Do.
Bluffton.....	KEKZ	300, 600	PG-X	do.....	
Bohemian Club.....	KDTB	300, 600	PG-X	do.....	
Bolikow.....	KEQD	300, 600	PG-X	National Oil Transport Co.....	
Bonnie Brook.....	KDGX	300, 600	PG-X	do.....	
Boobyalla.....	KUGC	300, 600	PG-X	Pacific Motorship Co.....	
Boston.....	KXA	300, 550, 600	PG-N	New England S. S. Co.....	I. R. T. Co.
Boston.....	KXS	300, 476, 600	PG-X	U. S. S. B.....	
Boston Bridge.....	KINS	300, 450, 600	PG-X	do.....	R. C. of A.
Bound Brook.....	KIFQ	300, 600	PG-X	do.....	S. O. R. S.
Brabant.....	KUU	300, 450, 600	PG-X	Texas Co.....	I. W. T. Co.
Braddock.....	KETG	300, 600	PG-N	U. S. S. B.....	R. C. of A.
Bradford.....	KNG	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	Do.
Brammell Point.....	KRO	300, 450, 600	PG-X	Vacuum Oil Co.....	Do.
Brandywine.....	WGUI	300, 600	PG-X	U. S. S. B.....	
Brasher.....	KIJX	300, 600	PG-X	do.....	R. C. of A.
Brave Coeur.....	KOGN	300, 476, 600	PG-X	do.....	Do.
Bremerton.....	WSZ	300, 600	PG-X	do.....	Do.
Brevard.....	KEPJ	300, 600	PG-X	do.....	Do.
Briarcliffe.....	KEPK	300, 600	PG-X	do.....	Do.
Brilliant.....	KTI	300, 450, 600	PG-X	Standard Oil Co., of N. Y.....	Do.
Brindilla.....	KTZ	300, 450, 600	PG-X	Standard Oil Co., of N. J.....	Do.
Bristol.....	KEGC	300, 450, 600	PG-X	Coastwise Trade Co.....	Do.
Broad Arrow.....	KSY	300, 450, 600	PG-X	Standard Transportation Co.....	Do.
Brockton.....	KNH	300, 600	PG-N	Colonial Navigation Co.....	I. R. T. Co.
Brookdale.....	WNUO	300, 600	PG-X	do.....	S. O. R. S.
Brookline.....	KURT	300, 600	PG-X	do.....	Do.
Broxton.....	KDAL	300, 600	PG-X	do.....	
Brush.....	KDHV	300, 450, 600	PG-X	do.....	S. O. R. S.

<sup>1</sup> Portable set placed on board ships during trial trip.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Brynhilda.....	KIO	300, 450, 600	PG-X	Cosmopolitan Shipping Co....	R. C. of A.
Buccaneer.....	KFO	300, 600	PG-X	Freeport & Tampico Fuel Oil Transportation Co.	Do.
Buckeye State.....	KDRW	300, 600, 450, 1800	PG-N	U. S. S. B.....	S. O. R. S.
Buckhannon.....	KELG	300, 600	PG-X	Gulf & Southern S. S. Co.....	I. W. T. Co.
Buffalo Bridge.....	KIZF	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Burnwell.....	KIMS	300, 600	PG-X	do.....	I. W. T. Co.
Buttercup.....	KIJT	300, 600	PG-X	do.....	S. O. R. S.
Butterfield.....	KIJS	300, 600	PG-X	do.....	Do.
Byfield.....	KIBZ	300, 600	PG-X	do.....	R. C. of A.
Bylail.....	KSOU	300, 450, 600	PG-X	Pocahontas Fuel Co.....	I. W. T. Co.
Cabegon.....	KEJQ	300, 600	PG-N	U. S. S. B.....	R. C. of A.
Cabrille.....	KENS	300, 450, 600	PG-X	do.....	Do.
Cabrillo.....	WBV	300, 600	PG-X	Wilmington Transportation Co.	Do.
C. A. Canfield.....	WIH	300, 450, 600	PG-X	Pan-American Petroleum & Transport Co.	Do.
Cacique.....	WBE	300, 450, 600	PG-X	Grace S. S. Co.....	Do.
Cadaretta.....	WLOO	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Caddo.....	KSK	300, 450, 600	PG-X	Standard Oil Co., of N. J.....	R. C. of A.
Caddopeak.....	WPUE	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Cairo.....	KDQW	300, 600	PG-X	Marietta Manufacturing Co.....	T. R. T. Co.
Calamares.....	KLC	300, 600	PG-N	United Fruit Co.....	I. W. T. Co.
Calaveras.....	KXIE	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Caldas.....	KQOV	300, 600	PG-X	Caribbean S. S. Co.....	I. W. T. Co.
Calacorock.....	KXII	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Calispell.....	KXIO	300, 600	PG-X	do.....	R. C. of A.
Callabasas.....	WPUI	300, 450, 600	PG-X	Callabasas S. S. Corp.....	I. W. T. Co.
Callao.....	KEQS	300, 600	PG-X	U. S. S. B.....	Do.
Callao.....	WHF	300, 600	PG-X	Bark Callao Corp.....	Owner of vessel.
Calno.....	KINV	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Caloria.....	KSP	300, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Calvert.....	WTUI	300, 600	PG-X	U. S. S. B.....	Do.
Calvin Austin.....	KRN	300, 450, 600	PG-X	Eastern S. S. Lines.....	Do.
Camaguey.....	KWI	300, 450, 600	PG-N	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Cambrai.....	KDJR	300, 600	PG-N	U. S. S. B.....	I. R. T. Co.
Cambridge.....	KGR	300, 550, 600	PG-X	N. Y. & New Orleans S. S. Co.....	R. C. of A.
Cambridge.....	KTRR	300, 600	PG-X	U. S. S. B.....	T. R. T. Co.
Camden.....	KDKL	300, 600	PG-X	United Fruit Co.....	R. C. of A.
Camden.....	KRC	300, 600	PG-N & X	Eastern S. S. Lines.....	R. C. of A.
Cananova.....	KDBN	300, 600	PG-X	Cananova S. S. Corp.....	I. W. T. Co.
Canco.....	KUTP	300, 600	P-X	American Can Co.....	Owner of vessel.
Canibas.....	WQEU	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
Canoga.....	WKZ	300, 600	PG-X	do.....	S. O. R. S.
Cansumset.....	KIQD	300, 600	PG-X	do.....	Do.
Cantigny.....	KDFO	300, 600	PG-X	do.....	Do.
Cape Henry.....	KMIE	300, 600	PG-X	do.....	Do.
Cape May.....	WDOI	300, 600	PG-N	do.....	I. W. T. Co.
Cape Romain.....	KREA	300, 600	PG-X	do.....	Do.
Capillo.....	KUPN	300, 600	PG-X	do.....	Do.
Capines.....	KSAI	300, 600	PG-N	do.....	Do.
Capital of Nebr.....	KUSF	300, 450, 600	PG-X	do.....	R. C. of A.
Capt. A. F. Lucas.....	WTV	300, 450, 600	PG-X	Standard Oil Co. of Calif.....	Do.
Capulin.....	KUZR	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Caracas.....	KDB	300, 450, 600	PG-N	Atlantic & Caribbean Steam Navigation Co.	R. C. of A.
Cardonia.....	KUVV	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Careno.....	KDDM	300, 450, 600	PG-X	do.....	R. C. of A.
Carib.....	KJIU	300, 600	PG-X	Atl. G. & W. Ins. S. S. Lines.....	S. O. R. S.
Carib.....	KUZX	300, 425, 600	PG-X	Carib Trading Co.....	Owner of vessel.
Caribbean.....	KGUE	300, 600	PG-X	Panama R. R. Co.....	R. C. of A.
Carl D. Bradley.....	WGN	300, 600	PG-X	Bradley Transportation Co.....	S. O. R. S.
Carlton.....	KDDK	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
Carolina.....	WFE	300, 600	PG-X	Goodrich Transit Co.....	Do.
Carolinian.....	KJF	300, 600	PG-X	Garland S. S. Corp.....	I. W. T. Co.
Carolyn.....	KZG	300, 600	PG-X	A. H. Bull S. S. Co.....	Do.
Carpilaka.....	KDES	300, 600	PG-X	U. S. S. B.....	Do.
Carrabulle.....	KDER	300, 600	PG-X	do.....	T. R. T. Co.
Carillo.....	KDE	300, 600	PG-N	United Fruit Co.....	Do.
Cartago.....	KDD	300, 600	PG-X	do.....	I. W. T. Co.
Cascade.....	WPUO	300, 600	PG-X	U. S. S. B.....	Do.
Casco.....	WCP	300, 600	PG-X	do.....	Do.
Casey.....	KOQJ	300, 600	PG-X	do.....	Do.
Casiana.....	KYE	300, 450, 600	PG-X	Edward L. Doheny.....	R. C. of A.
C. A. Smith.....	WEL	300, 600	PG-X	Coos Bay Lumber Co.....	Owner of vessel.
C. A. Snider.....	KRR	300, 450, 600	PG-X	Vacuum Oil Co.....	S. O. R. S.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Casper.....	KIRX	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Cassimir.....	KDDZ	300, 600	PG-X	do.....	S. O. R. S.
Castana.....	KDFF	300, 600	PG-X	do.....	do.
Castle Point.....	KESD	300, 600	PG-X	do.....	I. W. T. Co.
Castle Town.....	KOF	300, 600	PG-X	do.....	R. C. of A.
Castle Wood.....	KEKQ	300, 600	PG-X	do.....	do.
Catahoula.....	KDFG	300, 600	PG-X	do.....	do.
Catherine.....	KTOI	300, 600	PG-X	do.....	do.
Catherine D.....	KMAI	300, 450, 550, 600	PG-N	Pacific-American Fisheries.....	S. O. R. S.
Cathlamet.....	KOLP	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Cathwood.....	KURC	300, 450, 600	PG-X	do.....	do.
Cauto.....	KWF	300, 450, 600	PG-X	N. Y. & Cuba Mail S. S. Co.....	Do.
Cayo Mambi.....	KUZZ	300, 600	PG-X	Cayo Mambi S. S. Corp.....	I. W. T. Co.
Cayuga.....	KDJQ	300, 600	PG-X	Independent S. S. Co.....	do.
Cebu.....	KDOC	300, 600	PG-X	Compania Maritima.....	do.
Cecil County.....	KERZ	300, 450, 600	PG-X	U. S. S. B.....	do.
Cedarhurst.....	KDIQ	300, 600	PG-X	do.....	do.
Cedar Spring.....	WTEE	300, 450, 600	PG-X	do.....	R. C. of A.
Celilo.....	WMF	300, 600	PG-N	Celilo S. S. Co.....	Do.
Centaurus.....	KOPZ	300, 600	PG-X	Nafra Co.....	Do.
Centennial State.....	KDRL	300, 600	PG-N	U. S. S. B.....	I. W. T. Co.
Central American.....	WKOU	300, 600	PG-X	Texas Co.....	do.
Ceralvo.....	WTEI	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Cerrosco.....	WTEO	300, 600	PG-X	do.....	R. C. of A.
Cerro-Azul.....	KDQY	300, 600	PG-X	Pan-American Petroleum & Transport Co.....	Do.
Cerro-Ebano.....	KDQS	300, 600	PG-N	do.....	do.
Cerro Gardo.....	KQFK	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Cethana.....	KORG	300, 440, 520, 600	PG-X	J. E. Chilberg.....	Do.
Challamba.....	KORJ	300, 600	PG-X	Anglo-California Trust Co.....	do.
Challenger.....	WNII	300, 600	PG-X	U. S. S. B.....	do.
Chalmette.....	KKC	300, 600	PG-N	Southern Pacific S. S. Co.....	Owner of vessel.
Chamberino.....	KEFL	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Chamblee.....	KEGG	300, 600	PG-X	do.....	Do.
Chantier.....	KEGK	300, 600	PG-X	do.....	I. W. T. Co.
Chaparel.....	KEGJ	300, 600	PG-X	do.....	R. C. of A.
Chappaqua.....	KURF	300, 450, 600	PG-X	do.....	I. W. T. Co.
Chappell.....	KEVS	300, 600	PG-X	do.....	Do.
Charles Braley.....	KVP	300, 450, 600	PG-X	Cuba Distilling Co.....	R. C. of A.
Charles E. Harwood.....	WID	300, 450, 600	PG-X	Pan-American Petroleum & Transport Co.....	Do.
Charles H. Cramp.....	KDHH	300, 600, 1800	PG-X	U. S. S. B.....	Do.
Charles L. Hutchinson.....	WMIU	300, 600	PG-X	American Interlake Co.....	Marconi Co. of Canada for R. C. of A.
Charles M. Everest.....	WPOU	300, 600	PG-X	Vacuum Oil Co.....	R. C. of A.
Charles O. Jenkins.....	WFT	300, 600	PG-X	Jenkins S. S. Co.....	Do.
Charles Pratt.....	KSQ	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	Do.
Charlie Watson.....	KDLA	300, 450, 600	PG-X	Standard Oil Co. of Calif.....	Do.
Charlot.....	WMUI	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Charlton Hall.....	KLU	300, 600	PG-X	U. S. Steel Products Co.....	R. C. of A.
Chateau Thierry.....	KDKE	300, 600	PG-N	U. S. S. B.....	do.
Chattanooga.....	KIDN	300, 600	PG-X	do.....	Do.
Chaumont.....	KDLI	300, 600	PG-N	do.....	do.
Chautauqua.....	KIFK	300, 600	PG-X	do.....	Do.
Chebanlip.....	KJAA	300, 600	PG-X	do.....	Do.
Chepadoa.....	KOFL	300, 600	PG-X	do.....	Do.
Cherokee.....	KVK	300, 450, 600	PG-N	Clyde S. S. Co.....	Do.
Chester Kiwanis.....	KDBP	300, 450, 600	PG-X	U. S. S. B.....	Do.
Chester Sun.....	WAS	300, 600	PG-X	Sun Co.....	Do.
Chester Valley.....	KOST	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Chester W. Chapin.....	KXQ	300, 550, 600	PG-N	New England S. S. Co.....	I. R. T. Co.
Chestnut Hill.....	KVG	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Chetopa.....	KDJI	300, 600	PG-X	do.....	Do.
Chicago.....	WAC	300, 600	PG-X	Booth Fisheries Co.....	Do.
Chicago Bridge.....	KCEG	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Chickamauga.....	KULC	300, 450, 600	PG-X	do.....	R. C. of A.
Chickasaw.....	KOJR	300, 600	PG-X	do.....	I. W. T. Co.
Chickasaw City.....	KUNZ	300, 600	PG-N	U. S. Steel Products Co.....	R. C. of A.
Chicomico.....	KOLS	300, 600	PG-X	U. S. S. B.....	Do.
China.....	WWA	300, 450, 600	PG-N	China Mail S. S. Co.....	Do.
China Arrow.....	KDGW	300, 600	PG-X	Standard Transportation Co.....	Do.
Chinampa.....	KSC	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	Do.
Chincha.....	KJZ	300, 450, 600	PG-N	Green Star S. S. Corp.....	Do.
Chipchung.....	WBIA	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Chippewa.....	KDJS	300, 600	PG-X	Independent S. S. Co.....	Owner of vessel.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Christabel.....	KUTN	300,600	PG-X	Savannah Bar Pilots.....	R. C. of A.
Christopher Colum- bus.....	WJF	300,600	PG-X	Goodrich Transit Co.....	Do.
Cigarette.....	KDQQ	300,600	PG-X	Barron G. Collier.....	S. O. R. S.
Circinus.....	KOPK	300,600	PG-X	Green Star S. S. Corp.....	R. C. of A.
City of Alameda.....	KUCQ	300,600	PG-X	U. S. S. B.....	S. O. R. S.
City of Alma.....	KUBP	300,600	PG-X	.....do.....	Do.
City of Alpena II.....	WEH	300,600	PG-X	Det. & Cleve. Navigation Co.....	R. C. of A.
City of Alton.....	KONZ	300,600	PG-X	U. S. S. B.....	S. O. R. S.
City of Atlanta.....	KFB	300,450,600	PG-N	Ocean S. S. Co.....	R. C. of A.
City of Augusta.....	KFJ	300,450,600	PG-N	.....do.....	Do.
City of Bangor.....	KRH	300,600	PG-X	Eastern S. S. Lines.....	Do.
City of Benton Har- bor.....	WDV	300,600	PG-X	Graham & Morton Trans. Co.....	Do.
City of Berkeley.....	KOZQ	300,600	PG-X	U. S. S. B.....	Do.
City of Brockton.....	KXO	300,600	PG-X	New England S. S. Co.....	I. R. T. Co.
City of Brunswick.....	KDNQ	300,600	PG-X	U. S. S. B.....	R. C. of A.
City of Buffalo.....	WFP	300,600	PG-X	Cleve. and Buffalo Trans. Co.....	Do.
City of Cleveland III.....	WEA	300,450,600	PG-N	Detroit & Cleveland Naviga- tion Co.....	Do.
City of Columbus.....	KFA	300,450,600	PG-N	Ocean S. S. Co.....	Do.
City of Dalhart.....	KDNP	300,600	PG-X	U. S. S. B.....	Do.
City of Detroit II.....	WEC	300,600	PG-N	Detroit & Cleveland Nav. Co.....	Do.
City of Detroit III.....	WEF	300,450,600	PG-N	.....do.....	Do.
City of Elwood.....	KDMV	300,600	PG-X	U. S. S. B.....	Do.
City of Erie.....	WFP	300,600	PG-X	Cleveland & Buffalo Trans. Co.....	Do.
City of Eureka.....	KEFT	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
City of Everett.....	KTQ	300,600	PG-X	Standard Oil Co. of N. Y.....	R. C. of A.
City of Fairbury.....	KISR	300,450,600	PG-X	U. S. S. B.....	Do.
City of Flint.....	KUCV	300,450,600	PG-X	.....do.....	S. O. R. S.
City of Fort Worth.....	KDAW	300,600	PG-X	.....do.....	Do.
City of Freeport.....	KESV	300,600	PG-X	.....do.....	Do.
City of Grand Rap- ids.....	WDS	300,600	PG-X	Graham & Morton Transpor- tation Co.....	R. C. of A.
City of Joliet.....	KUJR	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
City of Lordsburg.....	KUTK	300,600	PG-X	.....do.....	R. C. of A.
City of Lowell.....	KXB	300,550,600	PG-N	New England S. S. Co.....	I. R. T. Co.
City of Mackinac II	WEB	300,600	PG-X	Detroit & Cleveland Nav. Co.....	R. C. of A.
City of Miami.....	WDI	300,600	PG-N	Havana-American S. S. Corp.....	S. O. R. S.
City of Montgom- ery.....	KFY	300,450,600	PG-N	Ocean S. S. Co.....	R. C. of A.
City of Omaha.....	KOZB	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
City of Para.....	WWF	300,600	PG-N	Pacific Mail S. S. Co.....	F. T. Co.
City of Puebla.....	WQG	300,600	PG-N	City of Puebla Corp.....	Do.
City of Rayville.....	KDGS	300,600	PG-X	U. S. S. B.....	R. C. of A.
City of Reno.....	KUSK	300,450,600	PG-X	.....do.....	S. O. R. S.
City of Rockland.....	KRI	300,600	PG-X	Eastern S. S. Lines.....	R. C. of A.
City of Rome.....	KQZ	300,450,600	PG-N	Ocean S. S. Co.....	Do.
City of Savannah.....	KFK	300,450,600	PG-N	.....do.....	Do.
City of Seattle.....	WGA	300,600	PG-N	Pacific S. S. Co.....	Do.
City of Sherman.....	KUCS	300,600	PG-X	U. S. S. B.....	S. O. R. S.
City of Spokane.....	KILL	300,600	PG-X	.....do.....	Do.
City of St. Ignace.....	WEG	300,600	PG-X	Detroit & Cleveland Nav. Co.....	R. C. of A.
City of St. Joseph.....	KOSM	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
City of St. Louis.....	KFX	300,450,600	PG-N	Ocean S. S. Co.....	R. C. of A.
City of Sydney.....	KKEI	300,600	PG-X	L. A. Pederson.....	Do.
City of Taunton.....	KXL	300,550,600	PG-N	New England S. S. Co.....	I. R. T. Co.
City of Vernon.....	KUNS	300,450,600	PG-X	U. S. S. B.....	R. C. of A.
City of Weather- ford.....	KUCV	300,450,600	PG-X	.....do.....	Do.
Clairton.....	KIKR	300,600	PG-N	.....do.....	Do.
Clare.....	KNE	300,600	PG-X	A. H. Bull S. S. Co.....	I. W. T. Co.
Claremont.....	KUBD	300,600	PG-X	W. H. Wood.....	Owner of vessel.
Clark Mills.....	KOCQ	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Clarksburg.....	KOVP	300,600	PG-X	Coastwise Transportation Co.....	R. C. of A.
Clauseus.....	KOQB	300,600	PG-X	Green Star S. S. Corp.....	Do.
Clavarack.....	KOLL	300,600	PG-X	U. S. S. B.....	Do.
Clearwater.....	KUGD	300,600	PG-X	.....do.....	Do.
Clemence C. Morse.....	KUGG	300,600	PG-X	.....do.....	S. O. R. S.
Clemens A. Reiss.....	WNH	300,600	PG-X	Reiss S. S. Co.....	R. C. of A.
Clement Smith.....	KDGO	300,600	PG-X	Calvert Navigation Co.....	Do.
Cletus Schneider.....	KMEO	300,600	PG-X	Paisley S. S. Co.....	Owner of vessel.
Cliffwood.....	KORX	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Clinocho.....	KENX	300,600	PG-X	.....do.....	R. C. of A.
Clontarf.....	KUDP	300,600	PG-X	.....do.....	S. O. R. S.
Coahoma County.....	KOMP	300,600	PG-X	.....do.....	Do.
Coalinga.....	WOT	300,600,1800	PG-X	Union S. S. Co.....	F. T. Co.
Coamo.....	KGA	300,450,600	PG-N	New York & P. R. S. S. Co.....	I. W. T. Co.
Coastwise.....	KUZ	300,600	PG-X	Neptune Line.....	R. C. of A.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Coaxet.....	WPUU	300,425,600	PG-X	U. S. S. B.....	I. W. T. Co.
Cochin.....	KELR	300,600	PG-X	.....do.....	.....do.....
Cockaponset.....	KOFN	300,600	PG-X	.....do.....	S. O. R. S.
Cody.....	KDEX	300,600	PG-X	.....do.....	Do.
Collaeda.....	KOVV	300,600	PG-X	.....do.....	R. C. of A.
Coeur D'Alene.....	KOVT	300,600	PG-X	.....do.....	S. O. R. S.
Cohasset.....	WJUI	300,600	PG-X	.....do.....	Do.
Cokato.....	WMUE	300,600	PG-X	.....do.....	I. W. T. Co.
Cokesit.....	WQUA	300,600	PG-X	.....do.....	Do.
Coldbrook.....	KOQK	300,600	PG-X	.....do.....	Do.
Cold Harbor.....	KUBB	300,600	PG-X	.....do.....	S. O. R. S.
Cold Spring.....	KIQK	300,600	PG-N	.....do.....	R. C. of A.
Coldwater.....	KUCX	300,600	PG-X	.....do.....	S. O. R. S.
Col. E. L. Drake.....	WTS	300,450,600	PG-X	Standard Oil Co. of Calif.....	R. C. of A.
Colin H. Livingstone.....	KDIN	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Collamer.....	KOZZ	300,600	PG-N	.....do.....	R. C. of A.
Collingsworth.....	KUKX	300,450,600	PG-X	.....do.....	S. O. R. S.
Colombia.....	WBH	300,600,1900	PG-N	Pacific Mail S. S. Co.....	F. T. Co.
Colon.....	KMX	300,450,600	PG-N	Panama R. R. Co.....	Owner of vessel.
Colorado Springs.....	KILK	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Coltraps.....	KUMR	300,450,600	PG-X	.....do.....	Do.
Columbia.....	WHC	300,430,600	PG-X	New Orleans & South American S. S. Co.....	Owner of vessel.
Colusa.....	WIN	300,600	PG-N	Grace S. S. Co.....	.....do.....
Comal.....	KEM	300,450,600	PG-N	Mallory S. S. Co.....	I. W. T. Co.
Comanche.....	KVC	300,600	PG-N	Clyde S. S. Co.....	Do.
Comerant.....	KUMQ	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Comet.....	KTJ	300,450,600	PG-X	Standard Oil Co. of N. Y.....	R. C. of A.
Commack.....	KULT	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Commissioner.....	KOGZ	300,600	PG-X	Merritt & Chapman Derrick & Wrecking Co.....	.....do.....
Commonwealth.....	KXC	300,550,600	PG-X	New England S. S. Co.....	I. R. T. Co.
Communipaw.....	KOE	300,600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Comus.....	KKD	300,600	PG-N	Southern Pacific Co.....	Owner of vessel.
Concho.....	KEC	300,450,600	PG-N	Mallory S. S. Co.....	I. W. T. Co.
Concord.....	KNC	300,550,600	PG-N	Colonial Navigation Co.....	I. R. T. Co.
Conehatta.....	KUQQ	300,450,600	PG-X	U. S. S. B.....	R. C. of A.
Conejos.....	KUKT	300,450,600	PG-X	.....do.....	Do.
Conneaut.....	WCU	300,600	PG-X	Gulf Refining Co.....	Do.
Connersville.....	WKOO	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Conness Peak.....	KUPL	300,450,600	PG-X	.....do.....	.....do.....
Conotton.....	WVAO	300,600	PG-X	.....do.....	I. W. T. Co.
Consort.....	KDOI	300,600	PG-X	.....do.....	Do.
Continental Bridge.....	KOCP	300,600	PG-X	.....do.....	R. C. of A.
Contoocock.....	WVAU	300,600	PG-X	.....do.....	Do.
Cook.....	KOFX	300,600	PG-X	.....do.....	Do.
Coolcha.....	KOPS	300,440,525,600	PG-X	Anglo-California Trust Co.....	S. O. R. S.
Coosa.....	WLF	300,450,600	PG-X	U. S. S. B.....	.....do.....
Copalgrove.....	KEFJ	300,600	PG-X	.....do.....	I. W. T. Co.
Coperas.....	WTEU	300,600	PG-X	.....do.....	S. O. R. S.
Coppename.....	KDF	300,600	PG-N	United Fruit Co.....	T. R. T. Co.
Coquina.....	WVAA	300,600	PG-X	U. S. S. B.....	R. C. of A.
Coquitt.....	KOFZ	300,600	PG-X	.....do.....	I. W. T. Co.
Cora F. Cressy.....	KSZ	300,450,600	PG-X	France & Canada S. S. Co.....	R. C. of A.
Corapeak.....	WVAE	300,600	PG-X	U. S. S. B.....	Do.
Corcoran.....	WVAI	300,600	PG-X	.....do.....	S. O. R. S.
Cordova.....	WAR	300,600	PG-N & X	Alaska S. S. Co.....	Do.
Cornelia.....	KZD	300,600	PG-X	Bull-Insular S. S. Co.....	I. W. T. Co.
Corning.....	KIH	300,450,600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Cornucopia.....	WNUI	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Cornado.....	WFZ	300,450,600	PG-X	.....do.....	R. C. of A.
Corrales.....	WPIE	300,600	PG-X	.....do.....	S. O. R. S.
Corsair.....	KYC	300,450,600	PG-X	J. P. Morgan.....	Owner of vessel.
Corsicana.....	WPHI	300,600	PG-X	U. S. S. B.....	.....do.....
Corson.....	KIQV	300,600	PG-X	.....do.....	R. C. of A.
Corvus.....	KOPL	300,450,600	PG-X	Green Star S. S. Corp.....	Do.
Coskata.....	KOMZ	300,450,600	PG-X	U. S. S. B.....	S. O. R. S.
Costa Rica.....	WQI	300,600	PG-X	L. A. Pederson.....	Owner of vessel.
Costigan.....	KINF	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Costilla.....	WMEA	300,600	PG-X	.....do.....	I. W. T. Co.
Cotati.....	KIQF	300,600	PG-X	.....do.....	Do.
Cote Blanche.....	WMEE	300,600	PG-X	.....do.....	S. O. R. S.
Cotopaxi.....	WMEI	300,600	PG-X	Clinchfield Navigation Co.....	R. C. of A.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Cottonplant.....	WMEO	300,600	PG-X	U. S. S. B.	S. O. R. S.
Cottonwood.....	WMEU	300,600	PG-X	do.	Do.
Coulee.....	WTOU	300,600	PG-X	do.	Do.
Couparle.....	WVOE	300,600	PG-X	do.	R. C. of A.
Courageous.....	WVUA	300,600	PG-X	do.	I. W. T. Co.
Courtois.....	WVOI	300,600	PG-X	do.	R. C. of A.
Coushatta.....	WVOO	300,600	PG-X	do.	I. W. T. Co.
Coutlene.....	WVOU	300,600	PG-X	do.	Do.
Covalt.....	KEMM	300,600	PG-X	do.	R. C. of A.
Covedale.....	KEMN	300,450,600	PG-X	do.	Do.
Covena.....	KEMP	300,450,600	PG-X	do.	Do.
Coverun.....	KENM	300,600	PG-X	do.	Do.
Cowan.....	KENN	300,600	PG-X	do.	Do.
Cowanshannock.....	WMAE	300,450,600	PG-X	do.	S. O. R. S.
Cowardin.....	KESL	300,450,600	PG-X	Nacirema S. S. Corp.	Do.
Cowboy.....	WMAI	300,600	PG-X	U. S. S. B.	Do.
Cowee.....	WMAO	300,450,600	PG-X	do.	I. W. T. Co.
Cowiche.....	WMOA	300,600	PG-X	do.	R. C. of A.
Coyote.....	KXOU	300,600	PG-X	American S. S. Corp.	Do.
Crabtree.....	WXOE	300,600	PG-X	U. S. S. B.	Do.
Craftsman.....	KIBR	300,600	PG-X	do.	Do.
Craigrownie.....	WXOI	300,600	PG-X	do.	I. W. T. Co.
Craigsmere.....	WXOO	300,600	PG-X	do.	S. O. R. S.
Craincreek.....	WNAA	300,600	PG-X	do.	R. C. of A.
Crampton Anderson.....	KDOH	300,450,600	PG-X	Pan-Amer. Petr. & Trans. Co.	Do.
Cranenest.....	WNAE	300,600	PG-X	U. S. S. B.	I. W. T. Co.
Cranford.....	KOLX	300,600	PG-X	do.	Do.
Craster Hall.....	KLK	300,600	PG-X	U. S. Steel Products Co.	R. C. of A.
Craiborne.....	WSOO	300,600	PG-X	U. S. S. B.	I. W. T. Co.
Crawl Keys.....	WDEI	300,600	PG-X	do.	R. C. of A.
Craycroft.....	WNAI	300,600	PG-X	do.	S. O. R. S.
Creole.....	KKR	300,450,600	PG-N	Southern Pacific Co.	Owner of vessel.
Creole State.....	KDLB	300,450,600	PG-N	U. S. S. B.	I. W. T. Co.
Cretan.....	KQC	300,450,600	PG-N	Mer. & Min. Trans. Co.	Do.
Crocket.....	WSEI	300,450,600	PG-X	Crocket S. S. Co.	S. O. R. S.
Cripple Creek.....	KOJL	300,375,600	PG-X	U. S. S. B.	Do.
Crisfield.....	KOKP	300,600	PG-X	do.	I. W. T. Co.
Cristina.....	KUZB	300,450,600	PG-X	Vincent Astor	Do.
Cristobal.....	KMD	300,450,600	PG-N	Panama R. R. Co.	Owner of vessel.
Crofton Hall.....	KLR	300,450,600	PG-N	U. S. Steel Products Co.	R. C. of A.
Cross Keys.....	KOTD	300,600	PG-X	U. S. S. B.	I. T. W. Co.
Crown City.....	KUSP	300,450,600	PG-X	do.	Do.
Crucoil.....	KQUD	300,600	PG-X	Pan-Amer. Petr. & Trans. Co.	R. C. of A.
Cuba.....	KDLK	300,450,600	PG-N	Steamship Cuba, Inc.	C. & W.
Do.....	KDRT	300,600	PG-N	Penin. & Occidental S. S. Co.	R. C. of A.
Do.....	WQU	300,600	PG-N	Pacific Mail S. S. Co.	F. T. CO.
Cuborc.....	KUPP	300,450,600	PG-X	Guaranty Trust Co.	R. C. of A.
Culberson.....	KDDV	300,600	PG-X	U. S. S. B.	S. O. R. S.
Culburra.....	KOZR	300,600	PG-X	J. E. Chilberg	Do.
Cuprunn.....	KDIJ	300,600	PG-X	U. S. S. B.	Do.
Curacao.....	WJK	300,600	PG-N	Pacific S. S. Co.	R. C. of A.
Carrier.....	KNU	300,450,600	PG-X	Gulf Refining Co.	I. W. T. Co.
Cushnet.....	KONB	300,600	PG-X	U. S. S. B.	S. O. R. S.
Cushnoc.....	KIMJ	300,450,600	PG-X	do.	R. C. of A.
Custodian.....	KIVZ	300,600	PG-V	do.	Do.
Cuttyhunk.....	KONC	300,600	PG-X	do.	S. O. R. S.
Cuyamaca.....	KUXD	300,450,600	PG-X	do.	Do.
Dade County.....	KIJZ	300,600	PG-X	do.	R. C. of A.
Dakotan.....	WKD	300,600	PG-X	American-Hawaiian S. S. Co.	Owner of vessel.
Dallas.....	KEQB	300,600	PG-N	U. S. S. B.	R. C. of A.
Damacan.....	KELS	300,600	PG-X	do.	Do.
Danebrog.....	WXAO	300,600	PG-X	do.	Do.
Dan F. Hanlon.....	KDKU	300,600	PG-X	D. J. Hanlon	Do.
Daniel Webster.....	KOKM	300,600	PG-X	U. S. S. B.	I. W. T. Co.
Dannedaika.....	KOPD	300,450,600	PG-X	do.	I. C. of A.
Danville.....	KOSJ	300,450,600	PG-X	U. S. S. B.	Do.
Darden.....	KUPK	300,600	PG-X	U. S.-Mex. Oil Corp.	S. O. R. S.
Darien.....	KULG	300,600	PG-X	Panama R. R. Co.	Do.
Dartford.....	KDAV	300,600	PG-X	U. S.-Mex. Oil Corp.	Do.
Dauperata.....	KIZJ	300,600	PG-X	do.	R. C. of A.
Davenport.....	KUDR	300,600	PG-X	J. O. Davenport	S. O. R. S.
David McKelvy.....	KDTD	300,600	PG-X	Tidewater Oil Co.	Do.
Davidson County.....	KINX	300,600	PG-X	U. S. S. B.	Do.
Dawn.....	KDHz	300,600	PG-X	William T. Donnelly	R. C. of A.
Dawnlite.....	KPP	300,450,600	PG-X	Standard Oil Co. of N. J.	Do.
Daylite.....	KPR	300,450,600	PG-X	do.	Do.
Dayton.....	KNP	300,450,600	PG-X	do.	Do.
Decatur Bridge.....	KECJ	300,600	PG-X	U. S. S. B.	S. O. R. S.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Deepwater.....	KLY	300,450,600	PG-X	Castner, Curran & Bullitt.....	R. C. of A.
Deerfield.....	WTIU	300,600	PG-N	Elder Steel S. S. Co.....	
Deer Lodge.....	KIMD	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Defiance.....	WSEA	300,600	PG-X	do.....	I. W. T. Co.
Delanson.....	KOTX	300,600	PG-X	do.....	Do.
Delavan.....	KIRQ	300,600	PG-X	do.....	Moore & McCormack.
Delco.....	KIZB	300,600	PG-X	Delco S. S. Co.....	R. C. of A.
Delfina.....	KIVS	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Delight.....	KQOE	300,600	PG-X	do.....	Do.
Delisle.....	KIVT	300,450,600, 1800	PG-X	do.....	Do.
Delivery No. 5.....	KDCK	300,600	PG-X	Standard Oil Co. of N. Y.....	
Dellwood.....	KUBZ	300,600	PG-X	U. S. S. B.....	
Delphine.....	KDRR	300,600	PG-X	Horace F. Dodge, estate.....	
Delphine.....	KIFL	300,450,600	PG-X	Horace E. Dodge.....	R. C. of A.
Delrosa.....	KUTG	300,600	PG-X	U. S. S. B.....	Do.
Democracy.....	WAQ	300,600	PG-N	do.....	Do.
Depere.....	KDBA	300,450,600	PG-X	do.....	I. W. T. Co.
Deranof.....	KQIO	300,600	PG-X	do.....	Do.
Derblay.....	KDDT	300,450,600	PG-X	do.....	Do.
Derbyline.....	KIRT	300,600	PG-X	do.....	
Deroche.....	KOBJ	300,600	PG-X	do.....	
Des Moines Bridge.....	KUCG	300,600	PG-X	do.....	I. W. T. Co.
De Soto.....	KNI	300,450,600	PG-X	Standard Oil Co. of N. J.....	
Detroit-Wayne.....	KONX	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Deuel.....	KOMD	300,600	PG-X	do.....	S. O. R. S.
Devolente.....	KIVR	300,600	PG-X	do.....	I. W. T. Co.
Dewey.....	KDNF	300,600	PG-X	Andrew Olson.....	R. C. of A.
Dewey.....	KODT	300,450,600	PG-X	U. S. S. B.....	
D. G. Scofield.....	WRD	300,450,600, 1800	PG-X	Standard Oil Co. of Calif.....	Do.
Diablo.....	KEPD	300,600	PG-X	U. S. S. B.....	
Dillwyn.....	KODX	300,600	PG-X	do.....	Do.
Dilworth.....	KOVJ	300,450,600	PG-X	do.....	
Dinsmore.....	KDKN	300,600	PG-X	do.....	Do.
Dio.....	WNEO	300,600	PG-N	do.....	I. W. T. Co.
Director.....	KIGJ	300,600	PG-X	Northern Transportation Co.....	Do.
Dirigo.....	KEGM	300,600	PG-X	Texas Co.....	Do.
District of Col.....	KDMZ	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Dixiano.....	KDSP	300,600	PG-X	Amer. Sugar Transit Corp.....	R. C. of A.
Dochet.....	KIMR	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Dochra.....	KGL	300,450,600	PG-X	Barber & Co.....	R. C. of A.
Donald McKay.....	KULL	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Donna Lane.....	KDGN	300,600	PG-X	Donna Lane Motorship Corp.....	
Dora.....	WAH	300,450,600	PG-X	N. C. Eggen.....	Owner of vessel.
Dorchester.....	KQD	300,450,600	PG-X	Merch. & Miners Trans. Co.....	I. W. T. Co.
Dorothy Bradford.....	KNA	300,600	PG-X	Cape Cod S. S. Co.....	Owner of vessel.
Doylestown.....	KIPG	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Dryden.....	KORK	300,600	PG-X	do.....	Do.
Dulcino.....	KTV	300,450,600	PG-X	Amer. Sugar Transit Corp.....	R. C. of A.
Dungannon.....	KUZV	300,450,600	PG-X	U. S. S. B.....	S. O. R. S.
Dunsyre.....	KUMF	300,600	PG-X	Robert Dollar Co.....	
Duquesne.....	KECS	300,600	PG-N	U. S. S. B.....	S. O. R. S.
Durango.....	KDBT	300,600	PG-X	do.....	Do.
Durham.....	KDNL	300,450,600	PG-X	France & Can. Oil Trans. Co.....	R. C. of A.
Eagle.....	KDBF	300,600	PG-X	William K. Vanderbilt, jr.....	Owner of vessel.
Eagle.....	KIR	300,450,600	PG-X	Standard Transportation Co.....	R. C. of A.
E. A. Morse.....	KOVN	300,600	PG-X	U. S. S. B.....	S. O. R. S.
East Cape.....	KENC	300,450,600	PG-X	do.....	R. C. of A.
East Chicago.....	KUKD	300,600	PG-X	do.....	S. O. R. S.
Easterling.....	KEJD	300,600	PG-X	do.....	I. W. T. Co.
Eastern Admiral.....	KURM	300,600	PG-N	do.....	S. O. R. S.
Eastern Belle.....	KUJT	300,600	PG-X	do.....	Do.
Eastern Breeze.....	KOPP	300,600	PG-X	do.....	Do.
Eastern Chief.....	KSEI	300,600	PG-X	do.....	Do.
Eastern Cloud.....	KUSQ	300,450,600	PG-X	do.....	Do.
Eastern Coast.....	KURX	300,600	PG-X	do.....	Do.
Eastern Crag.....	KUJV	300,450,600	PG-X	do.....	I. W. T. Co.
Eastern Cross.....	WKIU	300,600	PG-N	do.....	S. O. R. S.
Eastern Crown.....	KUNQ	300,600	PG-N	do.....	R. C. of A.
Eastern Dawn.....	KUQT	300,450,600	PG-X	do.....	S. O. R. S.
Eastern Exporter.....	KDAZ	300,600	PG-X	do.....	Do.
Easterner.....	WGEA	300,600	PG-N	do.....	I. W. T. Co.
Eastern Gale.....	KUDZ	300,600	PG-X	do.....	Do.
Eastern Glade.....	KUND	300,450,600	PG-N	do.....	S. O. R. S.
Eastern Glen.....	KUVB	300,450,600	PG-N	do.....	I. W. T. Co.
Eastern Guide.....	KUCN	300,450,600	PG-X	do.....	Do.
Eastern Importer.....	KDBY	300,600	PG-X	do.....	Do.



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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Eastern King.....	WFEA	300, 600	PG-X	U. S. S. B.	R. C. of A.
Eastern Knight.....	KUFB	300, 450, 600	PG-X	do.	do.
Eastern Leader.....	KDHY	300, 600	PG-X	do.	S. O. R. S.
Eastern Light.....	WKII	300, 600	PG-N	do.	I. W. T. Co.
Eastern Maid.....	KUTF	300, 450, 600	PG-X	do.	R. C. of A.
Eastern Mariner.....	KUGB	300, 450, 600	PG-X	do.	I. W. T. Co.
Eastern Merchant.....	KUKS	300, 450, 600	PG-N	do.	R. C. of A.
Eastern Moon.....	KUDX	300, 450, 600	PG-N	do.	I. W. T. Co.
Eastern Ocean.....	KUNF	300, 600	PG-X	do.	do.
Eastern Pilot.....	KULJ	300, 450, 600	PG-X	do.	R. C. of A.
Eastern Planet.....	KUPD	300, 450, 600	PG-N	do.	do.
Eastern Queen.....	KXUE	300, 600	PG-N	do.	S. O. R. S.
Eastern Sailor.....	KUZT	300, 600	PG-X	do.	I. W. T. Co.
Eastern Sea.....	KTEA	300, 450, 600	PG-N	do.	Do.
Eastern Shore.....	WKIO	300, 600	PG-N	do.	R. C. of A.
Eastern Soldier.....	KDED	300, 450, 600	PG-X	do.	do.
Eastern States.....	WEE	300, 600	PG-N	Detroit & Cleveland Nav. Co.	Do.
Eastern Star.....	KTAU	300, 600	PG-X	Standard S. S. Co.	I. W. T. Co.
Eastern Sun.....	KTIE	300, 600	PG-X	U. S. S. B.	Do.
Eastern Sword.....	KDKB	300, 450, 600	PG-X	do.	S. O. R. S.
Eastern Tempest.....	KUVG	300, 450, 600	PG-X	do.	Do.
Eastern Temple.....	KDEZ	300, 450, 600	PG-X	do.	Do.
Eastern Trader.....	KULK	300, 450, 600	PG-N	do.	I. W. T. Co.
Eastern Victor.....	KUNR	300, 600	PG-N	do.	do.
East Hampton.....	KUZF	300, 450, 600	PG-X	C. F. Davis Packing Co.	Do.
East Indian.....	WGIE	300, 600	PG-N	U. S. S. B.	S. O. R. S.
Eastport.....	WGIE	300, 450, 600	PG-X	do.	R. C. of A.
East Side.....	KIMQ	300, 600	PG-N	do.	I. W. T. Co.
East Wind.....	KEKB	300, 600	PG-N	do.	Do.
Eclipse.....	KEGF	300, 600	PG-X	do.	S. O. R. S.
E. C. Pope.....	WZAU	300, 600	PG-X	Intercoast S. S. Co.	I. W. T. Co.
Ecuador.....	WBN	300, 600, 1800	PG-X	Pacific Mail S. S. Co.	F. T. Co.
Edellyn.....	KIJL	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Edenton.....	KECB	300, 450, 530 600	PG-X	do.	Do.
Edgar F. Coney.....	KDHD	300, 600	PG-X	Philip Shore	Do.
Edgar F. Lukenbach.	KGK	300, 450, 530, 600	PG-X	Lukenbach Co.	Do.
Edgcombe.....	WQUE	300, 600	PG-X	U. S. S. B.	Do.
Edgefield.....	KEBF	300, 600	PG-N	do.	I. W. T. Co.
Edgehill.....	KETN	300, 600	PG-X	do.	R. C. of A.
Edgemoor.....	KEVF	300, 600	PG-X	do.	Do.
Edgemont.....	KETP	300, 600	PG-X	do.	Do.
Edgewood.....	KICM	300, 600	PG-X	do.	Do.
Edisto.....	KILG	300, 600	PG-X	do.	S. O. R. S.
Edith.....	KZF	300, 600	PG-X	A. H. Bull S. S. Co.	I. W. T. Co.
Editor.....	KOBG	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Edmore.....	KILJ	300, 600	PG-X	do.	I. W. T. Co.
Edris.....	KDBG	300, 600	PG-X	Thomas H. Ince	Owner of vessel.
Edward J. Lawrence.	KQY	300, 450, 600	PG-X	French Overseas Corp.	R. C. of A.
Edward L. Doheny.	WIE	300, 450, 600	PG-X	Pan-Am. Petroleum & Tr. Co.	Do.
Edward L. Doheny, junior.	WIJ	300, 450, 600	PG-X	do.	Do.
Edward Luckenbach.	KGQ	300, 450, 525, 600	PG-X	Lukenbach S. S. Co.	S. O. R. S.
Edward Pierce.....	KMOU	300, 600	PG-X	Crowell & Thurlow S. S. Co.	Owner of vessel.
Eelbeck.....	KINQ	300, 600	PG-X	U. S. S. B.	R. C. of A.
Efingham.....	KOLT	300, 600	PG-X	do.	Do.
Efina.....	KOMT	300, 600	PG-X	do.	Do.
Egeria.....	KDCJ	300, 600	PG-X	Coast Shipbuilding Co.	S. O. R. S.
Eglantine.....	KOPT	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Egremont.....	KOQS	300, 600	PG-X	do.	I. W. T. Co.
E. J. Earling.....	WEI	300, 600	PG-X	Franklin S. S. Co.	R. C. of A.
El Alba.....	KKL	300, 450, 600	PG-X	Southern Pacific Co.	Owner of vessel.
El Almirante.....	KKG	300, 450, 600	PG-X	do.	Do.
El Capitan.....	KKH	300, 450, 600	PG-X	do.	Do.
El Capitan.....	WNB	300, 450, 600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
El Cid.....	KKT	300, 450, 600	PG-X	Southern Pacific Co.	Owner of vessel.
Eldena.....	KEVG	300, 600	PG-X	U. S. S. B.	R. C. of A.
El Dia.....	KKY	300, 450, 600	PG-N	Southern Pacific Co.	Owner of vessel.
E. L. Doheny, Third.	WROO	300, 600	PG-X	U. S. S. B.	R. C. of A.
Eldorado.....	KMOF	300, 450, 600	PG-X	Western Transport Co.	Do.
Eldridge.....	KICN	300, 600	PG-X	U. S. S. B.	S. O. R. S.
El Estero.....	KDKT	300, 600	PG-X	Southern Pacific Co.	Owner of vessel.
Elmay.....	KOVQ	300, 450, 600	PG-X	Russell A. Alger	S. O. R. S.
Elmore.....	KWR	300, 600	PG-X	U. S. S. B.	Do.
Elsha-Walker.....	KGGQ	300, 600	PG-X	Pan-Amer. Pet. & Transp. Co.	R. C. of A.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
El Isleo.....	KDNA	300, 600	PG-X	Southern Pacific Co.....	Owner of vessel.
Elkhorn.....	KOCL	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Elkridge.....	KISG	300, 600	PG-X	do.....	do.
Elkton.....	KOFK	300, 600	PG-X	do.....	I. W. T. Co.
El Lago.....	KDNW	300, 600	PG-X	Southern Pacific Co.....	Owner of vessel.
Elmac.....	KDCY	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Elmsport.....	KILF	300, 600	PG-X	do.....	I. W. T. Co.
El Mundo.....	KKU	300, 450, 600	PG-X	Southern Pacific Co.....	Owner of vessel.
El Norte.....	KKN	300, 450, 600	PG-X	do.....	Do.
El Occidente.....	KKX	300, 600	PG-N	do.....	Do.
El Oriente.....	KKV	300, 450, 600	PG-X	do.....	Do.
El Rio.....	KKZ	300, 450, 600	PG-N	do.....	Do.
El Segundo.....	WTQ	300, 600	PG-X	Standard Oil Co. of Calif.....	R. C. of A.
El Siglo.....	KKS	300, 450, 600	PG-N	Southern Pacific Co.....	Owner of vessel.
El Sol.....	KKB	300, 450, 600	PG-N	do.....	Do.
El Sud.....	KKQ	300, 450, 600	PG-X	do.....	Do.
El Valle.....	KKW	300, 450, 600	PG-X	do.....	Do.
Emergency Aid.....	KDKD	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Empire State.....	KDSV	300, 600	PG-X	do.....	Do.
Endicott.....	KODN	300, 450, 600	PG-X	do.....	Do.
Englewood.....	WGAA	300, 600	PG-X	do.....	Do.
Ensley City.....	KUZS	300, 600	PG-X	U. S. Steel Products Co.....	R. C. of A.
Enterprise.....	WMN	300, 450, 600	PG-N	Matson Navigation Co.....	Do.
Eocene.....	KTM	300, 600	PG-X	Standard Oil Co. of N. Y.....	Owner of vessel.
Epitacio Pessoa.....	KOCC	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
E. R. Kemp.....	KDDQ	300, 600	PG-X	Sinclair Navigation Co.....	R. C. of A.
Ernest H. Meyer.....	WMJ	300, 600	PG-X	Broughton & Wiggins Nav. Co.....	Do.
E. R. Sterling.....	WIS	300, 565, 600	PG-X	Sterling Ship Co.....	Owner of vessel.
Escambia.....	KOGK	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Esparta.....	KDO	300, 450, 600	PG-X	United Fruit Co.....	T. R. T. Co.
Esperanza.....	KWZ	300, 450, 600	PG-N	New York & Cuba Mail S. S. Co.....	I. W. T. Co.
Essex.....	KQE	300, 450, 600	PG-N	Merchants & Miners Trans. Co.....	Do.
Estrada Palma.....	KDMG	300, 600	PG-X	Florida East Coast Car Fer. Co.....	R. C. of A.
E. T. Bedford.....	KDSB	300, 600	PG-N	Standard Oil Co. of N. J.....	Do.
Ethan Allen.....	KUJQ	300, 600, 1800	PG-N	U. S. S. B.....	S. O. R. S.
Eugene V. R. Thayer.....	KDMA	300, 600	PG-X	Sinclair Navigation Co.....	R. C. of A.
Eurana.....	KJG	300, 600	PG-X	Green Star S. S. Corp.....	Do.
Evanville.....	KIKT	300, 600	PG-N	U. S. S. B.....	I. W. T. Co.
Evelyn.....	KZP	300, 600	PG-X	A. H. Bull S. S. Co.....	Do.
Everett.....	KQR	300, 600	PG-X	Chas. R. McCormick & Co.....	Owner of vessel.
Everett.....	KZT	300, 600	PG-X	New England Fuel & Tr. Co.....	R. C. of A.
Everglades.....	WQEE	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Evergreen City.....	KUNJ	300, 600	PG-X	do.....	Do.
E. W. Sinclair.....	KDRN	300, 600	PG-X	Sinclair Navigation Co.....	R. C. of A.
Excelsior.....	KKO	300, 600	PG-N	Southern Pacific Co.....	Owner of vessel.
Explorer.....	KIVN	300, 600	PG-X	U. S. S. B.....	Do.
Fairfield City.....	KDPY	300, 450, 600	PG-X	U. S. Steel Products Co.....	R. C. of A.
Fairmont.....	KXT	300, 600	PG-X	Coastwise Transportation Co.....	Do.
Fair Oaks.....	WSM	300, 600	PG-X	Oriental Navigation Corp.....	Owner of vessel.
Faith.....	KJOA	300, 600	PG-X	San Francisco Shipbuilding Co.....	S. O. R. S.
Faraby.....	KEJV	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Fargo.....	KONL	300, 600	PG-X	do.....	R. C. of A.
Farnam.....	KQIE	300, 600	PG-X	do.....	Do.
Favorite.....	KIFG	300, 600	PG-X	Great Lakes Towing Co.....	Do.
Favorite.....	KDNY	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Fayette Brown.....	WQG	300, 600	PG-X	Harvey H. Brown & Co.....	Do.
F. B. Squire.....	WPU	300, 600	PG-X	Jenkins S. S. Co.....	Do.
F. C. Latrobe.....	KDOL	300, 600	PG-X	City of Baltimore.....	Owner of vessel.
F. D. Asche.....	KSUA	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Fearless.....	KDRA	300, 600	PG-X	Ship Own. & Mer. Tugboat Co.....	Owner of vessel.
Federal.....	WDOO	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
Federal Bridge.....	KOCN	300, 450, 600	PG-X	do.....	Do.
Felix Taussig.....	KXZ	300, 600	PG-X	Crowell & Thurlow S. S. Co.....	Owner of vessel.
Feltore.....	KFG	300, 450, 600	PG-X	Ore S. S. Corp.....	R. C. of A.
Finland.....	KSF	300, 600	PG-N	Inter. Mercantile Marine Co.....	I. W. T. Co.
Firmore.....	KDX	300, 450, 600	PG-X	Ore S. S. Corp.....	R. C. of A.
Firthcliffe.....	KITF	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Fishkill.....	KULF	300, 600	PG-X	do.....	I. W. T. Co.
F. J. Luckenbach.....	WNZ	300, 450, 600	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Fleetco.....	KURK	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Florence Luckenbach.....	WNM	300, 600	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Florence Olson.....	WPK	300, 600	PG-X	Oliver J. Olson.....	Owner of vessel.
Florida.....	WJJ	300, 600	PG-X	Goodrich Transit Co.....	R. C. of A.
Florida.....	KUS	300, 450, 600	PG-X	Texas Co.....	Do.
Floridian.....	WLR	300, 450, 600	PG-X	American-Hawaiian S. S. Co.....	Owner of vessel.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Fluor Spar.....	KIQX	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Fordonian.....	KRU	300, 600	PG-X	Amer.-Mediterranean S. S. Co.	Do.
Forest King.....	KDBH	300, 425, 600	PG-X	Forest King Co.....	S. O. R. S.
Fort Armstrong.....	KUKF	300, 600	PG-X	U. S. S. B.....	Do.
Fort Bragg.....	WLH	300, 600	PG-X	Charles H. Higgins.....	
Fort George.....	KDJB	300, 600	PG-X	U. S. S. B.....	
Fort Logan.....	KIQJ	300, 600	PG-X	.....do.....	I. W. T. Co.
Fort Pitt Bridge.....	KWB	300, 450, 600	PG-X	.....do.....	R. C. of A.
Fort Seward.....	KEVJ	300, 450, 600	PG-X	.....do.....	
Fort Wayne.....	WDOU	300, 600	PG-N	.....do.....	
Fort Worth.....	KLD	300, 600	PG-X	.....do.....	
Fourth Alabama.....	KIXJ	300, 600	PG-X	.....do.....	Do.
F. Q. Barstow.....	KNQ	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	Do.
Frank G. Drum.....	KDQZ	300, 600	PG-X	Associated Oil Co.....	
Frank H. Buck.....	WTO	300, 600, 1800	PG-X	.....do.....	F. T. Co.
Franklin.....	KDPK	300, 450, 600	PG-X	Galena Navigation Co.....	I. R. T. Co.
Franklin.....	WFF	300, 450, 600	PG-X	Coastwise Transportation Co.....	R. C. of A.
Franklin County.....	KOTV	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Franklin K. Lane.....	KDLH	300, 600	PG-X	Pan-Amer. Pet. & Transp. Co.	R. C. of A.
Fred Baxter.....	WOG	300, 600	PG-X	Fred Baxter S. S. Co.....	Owner of vessel.
Frederic Ewing.....	WNQ	300, 450, 600	PG-X	Pan-Amer. Pet. & Transp. Co.	R. C. of A.
Frederic R. Kellogg.....	WIQ	300, 450, 600	PG-X	.....do.....	Do.
Fred'k Luckenbach.....	KGV	300, 600	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Fred W. Weller.....	KNY	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Freedom.....	KFW	300, 600	PG-N	U. S. S. B.....	Do.
Freeman.....	WMM	300, 600	PG-X	Pocahontas Fuel Co.....	Do.
Freeport Sulphur No. 1.....	KRA	300, 600	PG-X	Freeport Sulphur Transp. Co.	Do.
Freeport Sulphur No. 2.....	KRG	300, 600	PG-X	.....do.....	Do.
Freeport Sulphur No. 5.....	KUMK	300, 450, 600	PG-X	.....do.....	Do.
Freeport Sulphur No. 6.....	KUNP	300, 450, 600	PG-X	.....do.....	Do.
Fresno.....	KTO	300, 600	PG-N	U. S. S. B.....	R. C. of A.
Frieda.....	KFF	300, 450, 600	PG-X	Union Sulphur Co.....	S. O. R. S.
Fueloil.....	KUQB	300, 600	PG-X	Pan-Amer. Petrim. & Tr. Co.....	R. C. of A.
Gaffney.....	KICR	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Galahad.....	KEQR	300, 600	PG-X	.....do.....	I. W. T. Co.
Galesburg.....	WGAE	300, 600	PG-X	.....do.....	
Galveston.....	KDQE	300, 600	PG-X	.....do.....	Do.
Ganeri.....	KERL	300, 600	PG-N	.....do.....	
Garfield.....	WQOE	300, 600	PG-X	Grace S. S. Co.....	R. C. of A.
Gargoyle.....	KDPE	300, 600	PG-X	Vacuum Oil Co.....	Do.
Garibaldi.....	KROU	300, 600	PG-X	U. S. S. B.....	Do.
Gateway City.....	KDFD	300, 600	PG-X	.....do.....	Do.
Gdansk.....	WHJ	300, 450, 600	PG-N	Polish-American Nav. Corp.....	Do.
Gene Crawley.....	KQF	300, 600	PG-X	Sinclair Gulf Corp.....	Do.
General G. W. Goethals.....	KMZ	300, 600	PG-N	Panama R. R. Co.....	Owner of vessel.
General H. F. Hodges.....	KPG	300, 600	PG-N	.....do.....	Do.
General O. H. Ernst.....	KPF	300, 600	PG-N	.....do.....	Do.
General W. C. Gorgas.....	KIP	300, 600	PG-N	.....do.....	Do.
Genesee.....	KIDL	300, 450, 600	PG-X	W. K. Vanderbilt, jr.....	Do.
George L. Harvey.....	KDET	300, 600	PG-X	Joseph Kildall.....	Do.
George B. MacKenzie.....	KUNT	300, 600	PG-X	American Bauxite Co.....	R. C. of A.
George C. Greer.....	KOQL	300, 450, 600	PG-X	Magnolia Petroleum Co.....	Owner of vessel.
George E. Weed.....	KDIM	300, 600, 1800	PG-X	U. S. S. B.....	S. O. R. S.
George G. Henry.....	WIT	300, 600	PG-X	Pan-Amer. Petrim. & Tr. Co.....	R. C. of A.
Geo. H. Jones.....	KIPS	300, 600	PG-X	Standard Oil Co. of N. J.....	Do.
George Pierce.....	KDLT	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
George Washington.....	KDCL	300, 600	PG-N	.....do.....	Do.
George W. Barnes.....	KMUI	300, 600	PG-X	Pan-Amer. Petrim. & Tr. Co.....	R. C. of A.
Georgia.....	KUR	300, 450, 600	PG-X	Texas Co.....	I. W. T. Co.
Georgia.....	WFA	300, 600	PG-X	Crosby Transportation Co.....	Owner of vessel.
Georgia Rolph.....	KETX	300, 600	PG-X	Rolph Nav. & Coal Co.....	
Gladysbe.....	KDEV	300, 600	PG-X	U. S. Mex. Oil Corp.....	
Glendola.....	KFAI	300, 450, 600	PG-X	Glendola S. S. Corp.....	R. C. of A.
Glendoyle.....	KFAO	300, 600	PG-X	Glendoyle S. S. Corp.....	I. W. T. Co.
Glensora.....	KDFP	300, 600	PG-X	U. S. S. B.....	
Glennpool.....	KOH	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Glen Ridge.....	KIRZ	300, 600	PG-X	U. S. S. B.....	Do.
Glen White.....	KSIE	300, 600	PG-X	Castner, Curran & Bullitt.....	Do.
Gloria West.....	KDSK	300, 450, 600	PG-X	H. T. West.....	Owner of vessel.
Gloucester.....	KQG	300, 450, 600	PG-N	Merchants & Miners Trs. Co.....	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Glymont.....	KEZX	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
Glyndon.....	KEZQ	300, 450, 600	PG-X	Glyndon S. S. Corp.....	Do.
Gold Shell.....	WIB	300, 450, 600	PG-X	Gold Shell S. S. Co.....	Do.
Golden State.....	KDCM	300, 450, 600, 1500	PG-N	U. S. S. B.....	S. O. R. S.
Gold Star.....	KDBD	300, 450, 600, 1800	PG-X	.....do.....	
Gold Star.....	KDPZ				
Gonzalis.....	KOBQ	300, 600	PG-X	U. S. B. B.....	
Goodspeed.....	WKEO	300, 600	PG-X	.....do.....	I. W. T. Co.
Goree.....	WLII	300, 600	PG-X	.....do.....	Do.
Gorgona.....	KDNZ				
Governor Cobb.....	KRB	300, 600	PG-N	Peninslr. & Occidental S.S.Co.	R. C. of A.
Governor Dingley.....	KRV	300, 450, 600	PG-N	Eastern S. S. Lines.....	Do.
Governor John Lind.	WREU	300, 450, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Grand Haven.....	KEXR	300, 600	PG-X	Grand Trunk Car Ferry Line.	
Granite State.....	KDOZ	300, 450, 600	PG-N	U. S. S. B.....	R. C. of A.
Gratia.....	KIGP	300, 450, 600	PG-X	Gratia Navigation Co.....	Do.
Great Falls.....	KUFK	300, 600	PG-X	U. S. S. B.....	Do.
Grecian.....	KQR	300, 450, 600	PG-N	Merchants & Miners Trs. Co.....	I. W. T. Co.
Greenland.....	KUPG	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Greenwood.....	WLL	300, 600	PG-X	Greenwood S. S. Co.....	I. W. T. Co.
Griffco.....	KDFN	300, 425, 600	PG-X	James Griffiths & Sons.....	S. O. R. S.
Griffon.....	KDIL	300, 425, 600	PG-X	Universal S. S. Co.....	Owner of vessel.
Guantanamo.....	KWN	300, 450, 600	PG-N	N. Y. & Cuba Mail S. S. Co.	I. W. T. Co.
Guardian.....	WGG	300, 600	PG-X	Central & South Am. Tel. Co.	Owner of vessel.
Guardsman.....	KIVX	300, 600	PG-X	T. A. Scott Co.....	
Guaro.....	WJV	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Gumiba.....	WJIE	300, 600	PG-N	.....do.....	S. O. R. S.
Gulfcoast.....	KUE	300, 600	PG-X	Gulf Refining Co.....	I. W. T. Co.
Gulfking.....	KDNO	300, 600	PG-X	.....do.....	Do.
Gulfland.....	KUD	300, 600	PG-X	.....do.....	Do.
Gulfight.....	KUA	300, 600	PG-X	.....do.....	Do.
Gulfmaid.....	KUB	300, 450, 600	PG-X	.....do.....	Do.
Gulf of Mexico.....	KUC	300, 450, 600	PG-X	.....do.....	Do.
Gulfoil.....	KTG	300, 600	PG-X	.....do.....	Do.
Gulport.....	KREE	300, 600	PG-X	Freep't-Tmp. F'l Oil Tr. Corp.	R. C. of A.
Gulf Prince.....	KDRB	300, 600	PG-X	Gulf Refining Co.....	I. W. T. Co.
Gulf Queen.....	KVS	300, 600	PG-X	.....do.....	Do.
Gulfstar.....	KDEB	300, 600	PG-X	.....do.....	Do.
Gulfstream.....	KTB	300, 600	PG-X	.....do.....	Do.
Gulftrade.....	KOVV	300, 600	PG-X	.....do.....	Do.
Gunston Hall.....	KICV	300, 600	PG-N	U. S. S. B.....	Do.
Haddon.....	KTRN	300, 600	PG-X	.....do.....	Do.
Hadnot.....	KOGP	300, 600	PG-X	.....do.....	S. O. R. S.
Hagan.....	KOQC	300, 600	PG-X	.....do.....	
Hagood.....	KOQD	300, 600	PG-X	.....do.....	
Hahatonka.....	KUPF	300, 600	PG-X	.....do.....	Do.
Hahira.....	KUZC	300, 600	PG-X	.....do.....	R. C. of A.
Haleyon.....	KZL	300, 450, 600	P-X	Dutee W. Flint.....	Owner of vessel.
Haleakala.....	KORL	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Half Moon.....	KUVX	300, 600	PG-N	.....do.....	S. O. R. S.
Halo.....	KDCP	300, 600	PG-X	.....do.....	Do.
Halsey.....	KDDR	300, 600	PG-X	.....do.....	Do.
Halway.....	KDFQ	300, 600	PG-X	.....do.....	
Hambro.....	KDSH	300, 600	PG-X	.....do.....	
Hammac.....	KDTJ	300, 600	PG-X	.....do.....	
Hampden.....	WXUI	300, 600	PG-X	Coastwise Transportation Co.	R. C. of A.
Hampton Roads.....	KESR	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Hancock County.....	KORT	300, 600	PG-X	.....do.....	
Hanley.....	KDIF	300, 600, 1800	PG-X	.....do.....	Do.
Hannawa.....	KDFR	300, 600	PG-X	.....do.....	
Hanover.....	KOJK	300, 600	PG-X	.....do.....	I. W. T. Co.
Harold Walker.....	WIX	300, 450, 600	PG-X	Pan-Amer. Petrlm. & Tr. Co.	R. C. of A.
Harry Farnum.....	KQA	300, 450, 600	PG-X	Sinclair Gulf Corp.....	Do.
Harry Luckenbach.....	KIGS	300, 600	PG-N	Luckenbach S. S. Co.....	S. O. R. S.
Harry W. Croft.....	WQF	300, 600	PG-X	Harvey H. Brown & Co.	R. C. of A.
Hartford.....	KOSX	300, 600	PG-X	U. S. S. B.....	
Hartwood.....	KEVR	300, 600	PG-X	Hart-Wood Lumber Co.....	Owner of vessel.
Harvard.....	WRH	300, 600	PG-N		
Harvester.....	KDHC	300, 600	PG-X	Texas S. S. Co.....	I. W. T. Co.
Harvey H. Brown.....	WQV	300, 600	PG-X	Castner, Curran & Bullitt.....	R. C. of A.
Haslehurst.....	KOXB	300, 450, 600	PG-X	U. S. S. B.....	Do.
Hastings.....	KDDL	300, 600	PG-X	.....do.....	I. W. T. Co.
Hastnai.....	KUVP	300, 600	PG-X	National Oil Transport Co.	C. & W.
Hatchie.....	KIVJ	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Hathaway.....	KODK	300, 600	PG-X	.....do.....	R. C. of A.
Hatteras.....	WNV	300, 450, 600	PG-X	.....do.....	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Hattie Luckenbach	WNF	300,600	PG-X	Luckenbach S. S. Co.	S. O. R. S.
Havilah	KUJK	300,450,600	PG-X	U. S. S. B.	Owner of vessel.
Hawaiian	WKU	300,600	PG-X	American-Hawaiian S. S. Co.	
Hawarden	KUPX	300,450,600	PG-X	U. S. S. B.	
Hawkeye State	KDNV	300,450,600, 1800	PG-N	.....do.....	S. O. R. S.
Haxtum	KUTB	300,450,600	PG-X	.....do.....	R. C. of A.
Hayden	KUZP	300,450,600	PG-X	.....do.....	Do.
Haymon	KDBU	300,600	PG-X	.....do.....	S. O. R. S.
Haynie	KDCR	300,600	PG-X	.....do.....	
H. C. Folger	KHS	300,450,600	PG-X	Atlantic Refining Co.	R. C. of A.
Heber	KDDU	300,600	PG-X	U. S. S. B.	
Heffron	WBAI	300,600	PG-X	.....do.....	I. W. T. Co.
Hegira	KIDF	300,600	PG-N	.....do.....	R. C. of A.
Helen	KZH	300,600	PG-X	Bull-Insular S. S. Co.	I. W. T. Co.
Henry Clay	KEZS	300,600	PG-X	U. S. S. B.	Do.
Henry County	KOMS	300,600	PG-X	.....do.....	Do.
Henry D. Whiton	KDRM	300,600	PG-X	Union Sulphur Co.	
Henry J. Biddle	WOW	300,600	PG-X	Calif. & Hawaiian Sgr. Rig. Co.	Owner of vessel.
Henry M. Flagler	KOX	300,600	PG-X	Fla. East Coast Car Ferry Co.	R. C. of A.
Henry R. Mallory	KEF	300,450,600	PG-N	Mallory S. S. Co.	I. W. T. Co.
Henry S. Grove	KDLN	300,600	PG-X	U. S. S. B.	
Henry Steers	KURR	300,450,600	PG-X	.....do.....	S. O. R. S.
Hera	KDGA	300,600	PG-X	.....do.....	R. C. of A.
Herbert G. Wylie	WIF	300,450,600	PG-N	Pan-Amer. Petrlm. & Tr. Co.	Do.
Herbert L. Pratt	KOY	300,600	PG-X	Atlantic Refining Co.	Do.
Hercules	KOCT	300,600	PG-X	Moore Shipbuilding Co.	T. R. T. Co.
Heredia	KDH	300,600	PG-N	United Fruit Co.	Do.
Herman Frasch	KDLW	300,600	PG-X	Union Sulphur Co.	
Herman Winter	WDAO	300,600	PG-X	Eastern S. S. Lines.	R. C. of A.
Hermosa	WBP	300,600	PG-X	Wilmington Trans. Co.	Do.
H. F. Dimock	KEN	300,450,600	PG-X	Eastern S. S. Lines.	Do.
H. F. Morse	KOFJ	300,600	PG-N	United States Transport Co.	S. O. R. S.
H. H. Rogers	KSI	300,450,600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Hickman	WFOA	300,450,600	PG-N	U. S. S. B.	Do.
Hico	KECK	300,600	PG-X	.....do.....	Do.
Higbo	KUBV	300,600	PG-X	.....do.....	Do.
Hillborough County	KIKB	300,600	PG-X	.....do.....	Do.
Hilton	KZK	300,600	PG-X	A. H. Bull S. S. Co.	I. W. T. Co.
Hinckley	KURB	300,450,600	PG-X	.....do.....	S. O. R. S.
Hisko	WQD	300,600	PG-X	.....do.....	
H. M. Flagler	KER	300,450,600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
H. M. Whitney	KPE	300,600	PG-X	Whitney Steamship Co.	Do.
Hoboken	WDVQ	300,440,525, 600	PG-X	Erie Basin Tow. & Hoist. Co.	S. O. R. S.
Hog Island	KODV	300,450,600	PG-X	U. S. S. B.	R. C. of A.
Holbrook	WQII	300,600	PG-X	.....do.....	S. O. R. S.
Holden Evans	KMY	300,450,600	PG-X	Holden Evans S. S. Co.	Owner of vessel.
Hollywood	WKH	300,440,525, 600	PG-N	Hollywood S. S. Co.	
Hollywood	KDCS	300,450,600	PG-N	U. S. S. B.	
Holyoke Bridge	KUCJ	300,600	PG-X	.....do.....	I. W. T. Co.
Homer	KUMG	300,600	PG-X	D. J. Hanlon	Owner of vessel.
Homestead	KEKR	300,600	PG-N	U. S. S. B.	S. O. R. S.
Honnedaga	KUXZ	300,600	PG-N	.....do.....	I. W. T. Co.
Honolulu	WMZ	300,600	PG-X	.....do.....	Moore & McCormack.
Hoosac	WQAU	300,600	PG-X	.....do.....	
Hopalong	KDKC	300,600	PG-N	.....do.....	S. O. R. S.
Horace X. Baxter	WOF	300,600	PG-X	Horace X. Baxter S. S. Co.	
Houma	WTUO	300,600	PG-X	.....do.....	I. W. T. Co.
Houston	KDCO	300,450,600	PG-X	.....do.....	R. C. of A.
Hoven	KEXV	300,600	PG-N	.....do.....	I. W. T. Co.
Howard	KQH	300,450,600	PG-N	Merch. & Min's. Trans. Co.	Do.
Howick Hall	KLT	300,600	PG-X	U. S. Steel Products Co.	R. C. of A.
Hoxbar	KIQ	300,600	PG-N	U. S. S. B.	S. O. R. S.
Hoxie	KEMK	300,600	PG-X	.....do.....	Do.
Hudson	KDCI	300,600	PG-N	.....do.....	Do.
Hudsonian	KUCL	300,450,600	PG-X	.....do.....	I. W. T. Co.
Hugoton	KIQR	300,600	PG-X	.....do.....	
Huguenot	KIVQ	300,600	PG-X	.....do.....	
Hulkey	KIFC	300,600	PG-X	.....do.....	R. C. of A.
Hulaco	KIDQ	300,600	PG-X	.....do.....	I. W. T. Co.
Hulver	KIGD	300,600	PG-X	U. S. S. B.	R. C. of A.
Humaconna	KIGC	300,600	PG-X	.....do.....	I. W. T. Co.
Humboldt	WIX	300,600	PG-N	James Jerome	S. O. R. S.
Humrick	KIFN	300,450,600	PG-X	U. S. S. B.	R. C. of A.
Huron	KUSD	300,450,600	PG-N	.....do.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Huron.....	KVH	300,450,600	PG-N	Clyde S. S. Co.....	I. W. T. Co.
Huron.....	WCH	300,600	PG-X	Wyandotte Trans. Co.....	R. C. of A.
Hutchinson.....	KUJP	300,450,600	PG-X	U. S. S. B.....	Do.
Hyades.....	WMK	300,450,600	PG-X	Matson Navigation Co.....	Do.
Hyannis.....	KINC	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Hybert.....	KDCA	300,600	PG-X	do.....	S. O. R. S.
Ice King.....	KJUA	300,600	PG-N	Texas Co.....	R. C. of A.
Iceland.....	KOKK	300,600	PG-X	do.....	S. O. R. S.
Iconium.....	WQUO	300,600	PG-X	do.....	Do.
I. C. White.....	KDDB	300,600	PG-X	Pan-Amer. Petro. & Trans. Co.	R. C. of A.
Ida.....	WLV	300,450,600	PG-X	U. S. S. B.....	Do.
I. D. Fletcher.....	KFI	300,600	PG-X	Coast Transit Co.....	Do.
I. J. Merritt.....	KOVZ	300,600	PG-X	Merritt & Chapman Derrick & Wrecking Co.	Owner of vessel.
Illinois.....	KDSZ	300,600	PG-X	Texas Co.....	
Illinois.....	WCZ	300,600	PG-X	Northern Mich. Trans. Co.....	R. C. of A.
Imlay.....	KIZV	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Independence.....	WJJO	300,600	PG-N	do.....	S. O. R. S.
Independence Hall	KDCG	300,600	PG-X	do.....	R. C. of A.
Independent.....	WPI	300,600	PG-X	Nat. Ind. Fisheries Co.....	
Independent Bridge.	KOGB	300,600	PG-X	U. S. S. B.....	S. O. R. S.
India Arrow.....	KDHP	300,600	PG-X	Standard Transportation Co.....	R. C. of A.
Indiana.....	WFC	300,600	PG-X	Goodrich Transit Co.....	Do.
Indiana Bridge.....	KOND	300,600	PG-X	U. S. S. B.....	Do.
Indiana Harbor.....	KUBS	300,600	PG-X	do.....	I. W. T. Co.
Indianapolis.....	WROE	300,600	PG-N	do.....	Do.
Ingold.....	WLUU	300,600	PG-X	do.....	Do.
Innoko.....	KITJ	300,450,600	PG-N	do.....	R. C. of A.
Inspector.....	KOKR	300,600	PG-X	do.....	I. W. T. Co.
Intan.....	KIGK	300,600	PG-N	do.....	R. C. of A.
Intrepid.....	KDHI	300,600	PG-X	W. S. Kilmer.....	Do.
Invincible.....	WCHI	300,450,600	PG-X	U. S. S. B.....	Do.
Iowan.....	WKJ	300,600	PG-X	American-Hawaiian S. S. Co.....	Owner of vessel.
Ipswich.....	KILV	300,600	PG-X	Shawmut S. S. Co.....	Do.
Iris.....	WOJ	300,450,600	PG-X	Pacific Transport Co.....	R. C. of A.
Iroquois.....	KUTQ	300,600	PG-X	Chicago & S. H. S. S. Co.....	Do.
Iroquois.....	KVF	300,450,600	PG-N	Clyde S. S. Co.....	I. W. T. Co.
Irvington.....	KOGQ	300,600	PG-N	U. S. S. B.....	R. C. of A.
Isaac L. Rice.....	WKK			Electric Boat Co.....	
Isanti.....	WVEU	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Isonomia.....	KEL	300,600	PG-N	do.....	Do.
Italia.....	KUPB	300,450,600	PG-X	Submarine Boat Corp.....	Transmarine Corp.
Itompa.....	KENR	300,450,600	PG-X	do.....	
J. A. Bostwick.....	KJN	300,450,600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Jackson.....	KIKC	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Jacksonville.....	KOJG	300,600	PG-X	do.....	Do.
Jacona.....	WQUU	300,600	PG-X	do.....	Do.
Jacox.....	KEML	300,600	PG-X	do.....	I. W. T. Co.
Jadden.....	KORM	300,600	PG-X	do.....	S. O. R. S.
Jalapa.....	KDCW	300,600	PG-X	do.....	Do.
James McGee.....	KTP	300,450,600	PG-X	Standard Oil Co. of N. J.....	R. C. of A..
James Otis.....	KDCD	300,600,1800	PG-X	U. S. S. B.....	S. O. R. S.
James S. Whitney.....	WPW	300,600	PG-X	Acme S. S. Corp.....	
Jamestown.....	KOC	300,450,600	PG-N	Old Dominion S. S. Co.....	Owner of vessel.
J. A. Moffett.....	WRE	300,600,1800	PG-X	Standard Oil Co. of Calif.....	R. C. of A.
Janelaw.....	KDFS	300,600	PG-X	U. S. S. B.....	
Japan Arrow.....	KDHO	300,600	PG-N	Standard Transportation Co.....	Do.
Java Arrow.....	KDHQ	300,600	PG-X	do.....	Do.
J. B. Stetson.....	WVUE	300,600	PG-X	Pacific Mercantile Marine Co.....	
J. C. Donnell.....	WJM	300,600	PG-X	Atlantic Refining Co.....	Do.
Jean.....	KZJ	300,600	PG-X	A. H. Bull S. S. Co.....	I. W. T. Co.
Jeanette Skinner.....	WQW	300,440,525,600	PG-X	U. S. S. B.....	Do.
Jeff Davis.....	KDQF	300,600	PG-X	do.....	S. O. R. S.
Jefferson.....	KOD	300,600	PG-X	Old Dominion Trans. Co.....	Owner of vessel.
Jefferson.....	WAJ	300,550,600	PG-N	Alaska S. S. Co.....	S. O. R. S.
Jefferson County.....	KIKF	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Jekyl.....	KEBS	300,600	PG-X	do.....	Do.
Jennie R. Morse.....	KUNN	300,600	PG-X	do.....	S. O. R. S.
J. E. O'Neil.....	KSB	300,600	PG-X	Atlantic Refining Co.....	R. C. of A.
Jeptha.....	KDFU	300,600	PG-X	U. S. S. B.....	S. O. R. S.
J. Fletcher Farrell.....	KDHR	300,600	PG-X	Sinclair Nav. Co.....	R. C. of A.
J. F. Penrose.....	KUQN	300,450,600	PG-X	National Oil Transport Co.....	C. & W.
Jim Sid.....	KUZD	300,600	PG-X	Gulf Barge & Towing Co.....	
J. L. Luckenbach.....	KGT	300,600	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
J. L. Reiss.....	KURJ	300,600	PG-X	Minnesota Transit Co.....	R. C. of A.
J. M. Danziger.....	WIW	300,450,600	PG-X	Pan-Amer. Petro. & Trans. Co.	Do.
J. M. Guffey.....	KTF	300,600	PG-X	Gulf Refining Co.....	I. W. T. Co.
Johanna Smith.....	WHZ	300,600	PG-X	Coos Bay Lumber Co.....	Owner of vessel.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
John Adams.....	KOSS	300,600	PG-X	U. S. S. B.....	R. C. of A.
John D. Rockefeller	KTO	300,600	PG-X	Standard Oil Co. of N. J.....	Do.
John Ena.....	KIRS	300,600	PG-X	Robert Dollar Co.....	Do.
John Englis. I.....	KDDJ	300,450,600, 1800	PG-X	U. S. S. B.....	Do.
John F. Hylan.....	KUSM	300,600	.....	City of N. Y., Police Depart.....	Owner of vessel.
John Jay.....	KUXR	300,600	PG-X	U. S. S. B.....	Do.
John M. Connelly.....	KJEI	300,600	PG-X	U. S. S. B.....	Do.
John P. Reiss.....	KUTM	300,600	PG-X	North American S. S. Co.....	R. C. of A.
John R. Gibbons.....	KURL	300,600	PG-X	American Bauxite Co.....	Do.
John Roach.....	KOSN	300,600	PG-X	U. S. S. B.....	Do.
Johnson City.....	KIKD	300,600	PG-X	do.....	I. W. T. Co.
John Stevens.....	KDGM	300,600,1800	PG-X	do.....	S. O. R. S.
John Worthington.....	KDNM	300,450,600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
John W. Wells.....	KOCR	300,600	PG-X	Chas. R. McCormick & Co.....	Owner of vessel.
Jolee.....	KUVT	300,600	PG-X	U. S. S. B.....	R. C. of A.
Jomar.....	KUGT	300,600	PG-X	do.....	Do.
Jonancy.....	KSEU	300,450,600	PG-X	Pocahontas Fuel Co.....	Do.
Joseph M. Cudahy.....	KDMT	300,600	PG-X	Sinclair Navigation Co.....	Do.
Joseph R. Parrott.....	KJP	300,450,600	PG-X	Florida East Coast Car Ferry Co.	Do.
Joseph Seep.....	KDJV	300,600	PG-X	Standard Oil Co. of N. J.....	Do.
Josiah Macy.....	KEX	300,450,600	PG-X	do.....	Do.
J. R. Gordon.....	KOML	300,600	PG-X	Union Sulphur Co.....	S. O. R. S.
Julia Luckenbach.....	KGZ	300,450,525, 600	PG-X	Luckenbach S. S. Co.....	Do.
Juncau.....	WAM	300,600	PG-X	Alaska S. S. Co.....	Do.
Juniata.....	KQJ	300,450,600	PG-N	Merchants & Miners Trans- portation Co.	I. W. T. Co.
Juniata.....	WCB	300,450,600	PG-N	Great Lakes Transit Corp.....	R. C. of A.
Juvigny.....	KUQX	300,600	PG-X	Independent S. S. Co.....	Owner of vessel.
J. W. VanDyke.....	KHR	300,450,600	PG-X	Atlantic Refining Co.....	R. C. of A.
Kaleen.....	KOKV	300,600	PG-X	U. S. S. B.....	Do.
Kamesit.....	KEDG	300,600	PG-X	do.....	S. O. R. S.
Kanak.....	KOT	300,400,600	PG & PR-X	Alaska Packers Association.....	Owner of vessel.
Kanawha.....	KYA	300,600	PG-X	Black Star Line.....	Do.
Katherine.....	KIZK	300,450,600	PG-X	Philippine Vegetable Oil Co.....	R. C. of A.
Katrina Lucken- bach.....	KWU	300,600	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Kaweah.....	KOKL	300,600	PG-X	U. S. S. B.....	Do.
Kaysecka.....	KOQZ	300,600	PG-X	do.....	I. W. T. Co.
Kearny.....	KOPR	300,600	PG-N	do.....	S. O. R. S.
Kehuku.....	KUPV	300,450,600	PG-X	do.....	Do.
Keketicut.....	KZEA	300,600	PG-X	do.....	I. W. T. Co.
Kekoskee.....	KDGY	300,600	PG-X	do.....	Do.
Kenneceott.....	KDPP	300,450,550, 600	PG-X	Alaska S. S. Co.....	Owner of vessel.
Kenowis.....	KOSV	300,600	PG-X	do.....	R. C. of A.
Kentuckian.....	WKP	300,600	PG-X	American-Hawaiian S. S. Co.....	Owner of vessel.
Keota.....	WXA U	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Keresaspa.....	KQI	300,600	PG-X	American Ship & Com. Nav. C.	R. C. of A.
Kerhonkson.....	KUJF	300,600	PG-X	U. S. S. B.....	Do.
Kermanshah.....	KLX	300,450,600	PG-X	Kerr Navigation Corp.....	Do.
Kermit.....	WMV	300,600	PG-N	U. S. S. B.....	Do.
Kermoor.....	WJB	300,600	PG-X	Kerr Navigation Corp.....	Do.
Kershaw.....	KQK	300,450,600	PG-N	Merchants & Miners Trans. Co.	I. W. T. Co.
Keshona.....	KITR	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Ketchikan.....	WAE	300,600	PG-X	Alaska S. S. Co.....	Do.
Kewanee.....	KIVC	300,600	PG-X	U. S. S. B.....	Do.
Keystone State.....	KDSL	300,600	PG-N	do.....	Do.
Kilkenny.....	KKI	300,450,600	PG-X	Dept. of Com., Bu. of Nav.	Owner of vessel.
K. I. Luckenbach.....	KBY	300,600	PG-N	Luckenbach S. S. Corp.....	S. O. R. S.
Kingfisher.....	KDNJ	300,600	PG-X	Andrew Hudson.....	I. W. T. Co.
Kiokee.....	KITS	300,600	PG-X	U. S. S. B.....	R. C. of A.
Kiowa.....	KDJP	300,600	PG-X	Independent S. S. Co.....	Do.
Kiowa.....	KRL	300,600	PG-X	Clyde S. S. Co.....	Do.
Kiron.....	KITT	300,600	PG-X	U. S. S. B.....	Do.
Kishacoquillas.....	KIFI	300,600	PG-X	do.....	S. O. R. S.
Kishop.....	KIJK	300,600	PG-X	do.....	R. C. of A.
Kitchi.....	KITV	300,450,600	PG-X	do.....	S. O. R. S.
Kittegan.....	KITG	300,600	PG-X	do.....	Do.
Knoxville.....	KIIN	300,600	PG-X	do.....	Do.
Kolda.....	KOKX	300,600	PG-X	do.....	R. C. of A.
Kootenai.....	KOGF	300,450,600	PG-X	do.....	Do.
Koscieszko.....	KZUE	300,600	PG-X	do.....	Do.
K. R. Kingsbury.....	KDRE	300,600	PG-X	Standard Oil Co. of Calif.	Do.
Kroonland.....	KSH	300,600	PG-N	International Mer. Marine Co.....	I. W. T. Co.
Kuwa.....	WCEE	300,400,600	PG-X	U. S. S. B.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Kvichak.....	WNS	300,400,600	PG & PR-X	Alaska Packers Association...	Owner of vessel.
Labette.....	KIZX	300,600	PG-X	U. S. S. B.	S. O. R. S.
Laborer.....	KIST	300,600	PG-X	Northern Transportation Co.	I. W. T. Co.
La Brea.....	WON	300,600,1800	PG-X	Union Oil Co.	F. T. Co.
Lackawanna Bridge	KOCC	300,600	PG-X	U. S. S. B.	R. C. of A.
Lackawanna Valley.	KIXD	300,450,600	PG-X	do.	Do.
La Crosse.....	KONM	300,450,600	PG-X	do.	Do.
Lafomo.....	KIXK	300,600	PG-X	do.	S. O. R. S.
Lake Agomak.....	KZEU	300,600	PG-X	do.	Do.
Lake Akkra.....	KVUE	300,600	PG-X	do.	I. W. T. Co.
Lake Allen.....	KLEI	300,600	PG-X	do.	R. C. of A.
Lake Alvada.....	KXAA	300,600	PG-X	do.	Do.
Lake Annette.....	KKOE	300,450,600	PG-X	do.	S. O. R. S.
Lake Arline.....	KZOE	300,600	PG-X	do.	I. W. T. Co.
Lake Arthur.....	WFL	300,600	PG-X	do.	R. C. of A.
Lake Aurice.....	KZIA	300,600	PG-X	do.	Do.
Lake Beacon.....	WTAA	300,450,600	PG-X	do.	Do.
Lake Belnona.....	KZII	300,600	PG-X	do.	Do.
Lake Benbow.....	KVAE	300,000	PG-X	do.	
Lake Benton.....	KSIU	300,600	PG-X	do.	I. W. T. Co.
Lake Berdan.....	KZEE	300,600	PG-X	do.	
Lake Blanchester.....	KTIU	300,600	PG-X	do.	R. C. of A.
Lake Bledsoe.....	KTUE	300,600	PG-X	do.	S. O. R. S.
Lake Bridge.....	KDIS	300,600	PG-X	do.	I. W. T. Co.
Lake Buckeye.....	WSEU	300,600	PG-X	do.	R. C. of A.
Lake Butler.....	WFN	300,600	PG-N	do.	Do.
Lake Cahoon.....	WKFE	300,600	PG-X	do.	I. W. T. Co.
Lake Calistoga.....	KXIU	300,600	PG-X	do.	S. O. R. S.
Lake Callicoon.....	WNAO	300,450,600	PG-X	do.	Do.
Lake Canaveral.....	KIDS	300,600	PG-X	do.	Do.
Lake Candalaria.....	KIJB	300,600	PG-X	do.	Do.
Lake Cannonsburg.....	KIMV	300,600	PG-X	do.	Do.
Lake Capens.....	KLUA	300,600	PG-X	do.	
Lake Cathoon.....	WLEO	300,600	PG-X	do.	R. C. of A.
Lake Catherine.....	KSHI	300,600	PG-X	do.	S. O. R. S.
Lake Cayuga.....	KLUI	300,450,600	PG-X	do.	R. C. of A.
Lake Charles.....	KHW	300,600	PG-X	do.	S. O. R. S.
Lake Charlotte.....	KQEO	300,600	PG-X	do.	I. W. T. Co.
Lake Charlottes- ville.....	WNEA	300,600	PG-X	do.	
Lake Chelan.....	KQUO	300,600	PG-X	do.	S. O. R. S.
Lake Clear.....	KLEO	300,600	PG-X	do.	I. W. T. Co.
Lake Como.....	KLIE	300,600	PG-X	do.	S. O. R. S.
Lake Conesus.....	KSAO	300,600	PG-X	do.	
Lake Copley.....	WKAU	300,600	PG-X	do.	R. T. of A.
Lake Crescent.....	WAP	300,600	PG-X	do.	I. W. T. Co.
Lake Crystal.....	KLAO	300,600	PG-X	do.	R. C. of A.
Lake Dancy.....	KZEO	300,600	PG-X	do.	
Lake Daraga.....	KRIA	300,600	PG-X	do.	S. O. R. S.
Lake Delancey.....	KXAE	300,450,600	PG-X	do.	R. C. of A.
Lake Desha.....	WTAE	300,600	PG-X	do.	
Lake Deval.....	WKEA	300,600	PG-X	do.	S. O. R. S.
Lake Duncan.....	KSOO	300,600	PG-X	do.	I. W. T. Co.
Lake Dunmore.....	KDIY	300,450,600	PG-X	do.	R. C. of A.
Lake Dwyer.....	KZEL	300,600	PG-X	do.	
Lake Eckhart.....	KSOE	300,600	PG-X	do.	
Lake Eliko.....	KTAI	300,600	PG-X	do.	S. O. R. S.
Lake Elizabeth.....	WOP	300,600	PG-X	do.	Do.
Lake Elkwater.....	KEPM	300,600	PG-X	do.	Do.
Lake Elkwood.....	KENP	300,600	PG-X	do.	
Lake Ellendale.....	KEPN	300,600	PG-X	do.	I. W. T. Co.
Lake Ellenorah.....	KEPP	300,600	PG-X	do.	S. O. R. S.
Lake Ellerslie.....	KEQM	300,600	PG-X	do.	I. W. T. Co.
Lake Ellicott.....	KEQN	300,600	PG-X	do.	Do.
Lake Ellijay.....	KOBL	300,600	PG-X	do.	S. O. R. S.
Lake Ellithorpe.....	KOFM	300,600	PG-X	do.	I. W. T. Co.
Lake Ellsburys.....	KOFP	300,450,600	PG-X	do.	R. C. of A.
Lake Ellsworth.....	KOCZ	300,600	PG-X	do.	S. O. R. S.
Lake Elmdale.....	KOLR	300,450,600	PG-X	do.	R. C. of A.
Lake Elmhurst.....	KOFQ	300,600	PG-X	do.	
Lake Elmont.....	KOQG	300,600	PG-X	do.	S. O. R. S.
Lake Elmsford.....	KOVG	300,600	PG-X	do.	
Lake Elmwood.....	KOZT	300,450,600	PG-X	do.	Do.
Lake Elon.....	KOBZ	300,300	PG-X	do.	Do.
Lake Elpueblo.....	KOFV	300,600	PG-X	do.	R. C. of A.
Lake Elrio.....	KOKQ	300,600	PG-X	do.	Do.



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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Lake Elsieh.....	KOSR	300,450,600	PG-X	U. S. S. B.....	S. O. R. S.
Lake Elsinore.....	KRII	300,600	PG-X	do.....	Do.
Lake Elsmere.....	KONT	300,450,600	PG-X	do.....	I. W. T. Co.
Lake Elva.....	KUBR	300,450,600	PG-X	do.....	Do.
Lake Elwin.....	KUDM	300,450,600	PG-X	do.....	S. O. R. S.
Lake Ennis.....	KLUO	300,600	PG-X	do.....	R. C. of A.
Lake Fabius.....	KIPQ	300,600	PG-X	do.....	I. W. T. Co.
Lake Fabyan.....	KINJ	300,600	PG-X	do.....	Do.
Lake Fackler.....	KIQP	300,600	PG-X	do.....	Do.
Lake Fagundus.....	KISN	300,600	PG-X	do.....	S. O. R. S.
Lake Fairfax.....	KIRV	300,600	PG-X	do.....	I. W. T. Co.
Lake Fairlie.....	KISP	300,600	PG-X	do.....	Do.
Lake Fairport.....	KOGR	300,600	PG-X	do.....	Do.
Lake Falama.....	KITB	300,600	PG-X	do.....	Do.
Lake Falun.....	KOTB	300,600	PG-X	do.....	Do.
Lake Fanbush.....	KEJN	300,600	PG-X	do.....	S. O. R. S.
Lake Pandango.....	KOVL	300,600	PG-X	do.....	I. W. T. Co.
Lake Fandon.....	KOVS	300,600	PG-X	do.....	Do.
Lake Fannin.....	KECN	300,600	PG-X	do.....	Do.
Lake Fanquier.....	KEKN	300,600	PG-X	do.....	Do.
Lake Fansdale.....	KEKM	300,600	PG-X	do.....	S. O. R. S.
Lake Farabee.....	KEBP	300,600	PG-X	do.....	R. C. of A.
Lake Farber.....	KIRB	300,600	PG-X	do.....	I. W. T. Co.
Lake Faresman.....	KEVZ	300,600	PG-X	do.....	S. O. R. S.
Lake Farga.....	WLEA	300,600	PG-X	do.....	I. W. T. Co.
Lake Farbault.....	KEDM	300,600	PG-X	do.....	S. O. R. S.
Lake Faristell.....	WLEE	300,600	PG-X	do.....	I. W. T. Co.
Lake Fariston.....	KEDN	300,600	PG-X	do.....	R. C. of A.
Lake Farley.....	KEDP	300,600	PG-X	do.....	S. O. R. S.
Lake Farlin.....	KIGM	300,600	PG-X	do.....	R. C. of A.
Lake Farmingdale.....	KIPZ	300,600	PG-X	do.....	S. O. R. S.
Lake Farragut.....	KIQN	300,600	PG-X	do.....	R. C. of A.
Lake Farrar.....	KISX	300,600	PG-X	do.....	Do.
Lake Faulk.....	KEJP	300,600	PG-X	do.....	Do.
Lake Favonia.....	KOJP	300,600	PG-X	do.....	I. W. T. Co.
Lake Faxon.....	KOLJ	300,600	PG-X	do.....	R. C. of A.
Lake Fear.....	KIVM	300,600	PG-X	do.....	S. O. R. S.
Lake Felden.....	KOLK	300,450,600	PG-X	do.....	R. C. of A.
Lake Fenn.....	KOTT	300,600	PG-X	do.....	S. O. R. S.
Lake Feodora.....	KUBT	300,600	PG-X	do.....	R. C. of A.
Lake Fernalda.....	KOPB	300,600	PG-X	do.....	Do.
Lake Fernando.....	KELM	300,600	PG-X	do.....	Do.
Lake Fernwood.....	KDEA	300,600	PG-X	do.....	Do.
Lake Ferrona.....	KELN	300,450,600	PG-X	do.....	Do.
Lake Festina.....	KEQP	300,450,600	PG-X	do.....	R. C. of A.
Lake Festus.....	KERM	300,600	PG-X	do.....	S. O. R. S.
Lake Fibre.....	KERN	300,600	PG-X	do.....	I. W. T. Co.
Lake Fielding.....	KERP	300,600	PG-X	do.....	Do.
Lake Fife.....	KFSM	300,600	PG-X	do.....	Do.
Lake Figart.....	KESN	300,600	PG-X	do.....	R. C. of A.
Lake Fighting.....	KESP	300,600	PG-X	do.....	S. O. R. S.
Lake Filbert.....	KONV	300,450,600	PG-X	do.....	Do.
Lake Fillion.....	KOPV	300,600	PG-X	do.....	Do.
Lake Fillmore.....	KUCZ	300,600	PG-X	do.....	Do.
Lake Fiscus.....	KOCG	300,600	PG-X	do.....	R. C. of A.
Lake Fisher.....	KODD	300,600	PG-X	do.....	I. W. T. Co.
Lake Fitch.....	KOJQ	300,600	PG-X	do.....	Do.
Lake Fithian.....	KOKZ	300,600	PG-X	do.....	Do.
Lake Flag.....	KUMX	300,450,600	PG-X	do.....	R. C. of A.
Lake Flagon.....	KIXT	300,600	PG-X	do.....	I. W. T. Co.
Lake Flagstaff.....	KIZM	300,600	PG-X	do.....	Do.
Lake Flambeau.....	KIZN	300,600	PG-X	do.....	Do.
Lake Flanders.....	KOGT	300,600	PG-X	do.....	R. C. of A.
Lake Flatonia.....	KOGS	300,600	PG-X	do.....	S. O. R. S.
Lake Flattery.....	KOMC	300,600	PG-X	do.....	R. C. of A.
Lake Floravista.....	KUFC	300,450,600	PG-X	do.....	Do.
Lake Florian.....	KUFD	300,450,600	PG-X	do.....	Do.
Lake Floris.....	KUFF	300,450,600	PG-X	do.....	Do.
Lake Flournoy.....	KUFG	300,450,600	PG-X	do.....	Do.
Lake Flovilla.....	KESK	300,600	PG-X	do.....	Do.
Lake Flume.....	KMUU	300,600	PG-X	do.....	S. O. R. S.
Lake Flushing.....	KEBV	300,600	PG-X	do.....	Do.
Lake Fluvana.....	WLAU	300,600	PG-X	do.....	I. W. T. Co.
Lake Flynnus.....	KECV	300,600	PG-X	do.....	Do.
Lake Folcroft.....	KEXL	300,600	PG-X	do.....	Do.
Lake Fonda.....	KEZC	300,600	PG-X	do.....	R. C. of A.
Lake Fondulac.....	WSEO	300,600	PG-X	do.....	I. W. T. Co.
Lake Fontana.....	KEZD	300,600	PG-X	do.....	R. C. of A.
					I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Lake Fontanet.....	KEZF	300,600	PG-X	U. S. S. B.....	R. C. of A.
Lake Forkville.....	WLEI	300,600	PG-X	do.....	do.
Lake Forney.....	WBUU	300,600	PG-X	do.....	I. W. T. Co.
Lake Forsby.....	WCUA	300,600	PG-X	do.....	R. C. of A.
Lake Fossil.....	WCUE	300,600	PG-X	do.....	Do.
Lake Fostoria.....	WPIO	300,600	PG-X	do.....	Do.
Lake Fouche.....	WPIU	300,600	PG-X	do.....	I. W. T. Co.
Lake Foxboro.....	KESB	300,600	PG-X	do.....	do.
Lake Foxcraft.....	KEGL	300,600	PG-X	do.....	do.
Lake Fraichur.....	KEJG	300,600	PG-X	do.....	do.
Lake Fraley.....	KEJJ	300,600	PG-X	do.....	Do.
Lake Frances.....	KTAO	300,600	PG-X	do.....	R. C. of A.
Lake Franconia.....	WCUO	300,600	PG-X	do.....	do.
Lake Fray.....	WCUU	300,600	PG-X	do.....	S. O. R. S.
Lake Frazee.....	WDUA	300,600	PG-X	do.....	R. C. of A.
Lake Freeborn.....	WDUI	300,600	PG-X	do.....	S. O. R. S.
Lake Freed.....	WDUO	300,600	PG-X	do.....	R. C. of A.
Lake Freeland.....	WDUU	300,600	PG-X	do.....	I. W. T. Co.
Lake Freezeout.....	WFUA	300,600	PG-X	do.....	R. C. of A.
Lake Frenchton.....	WFUE	300,600	PG-X	do.....	do.
Lake Fresco.....	WNAU	500,450,600	PG-X	do.....	Do.
Lake Friar.....	KEFN	300,600	PG-X	do.....	S. O. R. S.
Lake Frio.....	KEFP	300,600	PG-X	do.....	do.
Lake Frohna.....	KEGR	300,450,600	PG-X	do.....	Do.
Lake Frolono.....	KEGN	300,600	PG-X	do.....	I. W. T. Co.
Lake Frugality.....	KEGP	300,600	PG-X	do.....	R. C. of A.
Lake Frumet.....	KIRJ	300,600	PG-X	do.....	Do.
Lake Fugard.....	WLEU	300,450,600	PG-X	do.....	I. W. T. Co.
Lake Furlley.....	WMAA	300,600	PG-X	do.....	Do.
Lake Furlough.....	KEKP	300,600	PG-X	do.....	R. C. of A.
Lake Furnas.....	KUTV	300,600	PG-X	do.....	I. W. T. Co.
Lake Gadsden.....	KITP	300,600	PG-X	do.....	R. C. of A.
Lake Gaither.....	KOJZ	300,600	PG-X	do.....	I. W. T. Co.
Lake Gakona.....	KVOU	300,600	PG-X	do.....	S. O. R. S.
Lake Galata.....	KOJJ	300,600	PG-X	do.....	R. C. of A.
Lake Galera.....	KXAI	300,600	PG-X	do.....	S. O. R. S.
Lake Galewood.....	KOJX	300,600	PG-X	do.....	Do.
Lake Galien.....	KOJT	300,450,600	PG-X	do.....	Do.
Lake Galisteo.....	KUGL	300,450,600	PG-X	do.....	Do.
Lake Ganado.....	KUMB	300,600	PG-X	do.....	do.
Lake Gano.....	KDGR	300,600	PG-X	do.....	R. C. of A.
Lake Gardner.....	KXEO	300,600	PG-X	do.....	Do.
Lake Garza.....	KVOE	300,600	PG-X	do.....	I. W. T. Co.
Lake Gaspar.....	KVOI	300,450,600	PG-X	do.....	R. C. of A.
Lake Gatun.....	KDKP	300,600	PG-X	do.....	S. O. R. S.
Lake Gazette.....	KIPN	300,600	PG-X	do.....	R. C. of A.
Lake Gebhart.....	KOGV	300,450,600	PG-X	do.....	do.
Lake Gedney.....	KVUO	300,450,600	PG-X	do.....	S. O. R. S.
Lake Geneva.....	KXUA	300,600	PG-X	do.....	R. C. of A.
Lake George.....	KDIZ	300,600	PG-X	do.....	do.
Lake Gera.....	KOKS	300,600	PG-X	do.....	Do.
Lake Gert.....	KOMB	300,600	PG-X	do.....	Do.
Lake Getaway.....	KOLZ	300,450,600	PG-X	do.....	Do.
Lake Geyser.....	KULD	300,600	PG-X	do.....	Do.
Lake Giddings.....	KUCR	300,600	PG-X	do.....	Do.
Lake Gilboa.....	KEZJ	300,600	PG-X	do.....	I. W. T. Co.
Lake Gilpen.....	KEZK	300,600	PG-X	do.....	R. C. of A.
Lake Gilta.....	KEZL	300,600	PG-X	do.....	Do.
Lake Giltedge.....	KEBM	300,600	PG-X	do.....	S. O. R. S.
Lake Girardeau.....	KOCS	300,600	PG-X	do.....	I. W. T. Co.
Lake Girth.....	KEBN	300,600	PG-X	do.....	do.
Lake Gitano.....	KECM	300,600	PG-X	do.....	S. O. R. S.
Lake Glasco.....	KINK	300,600	PG-X	do.....	Do.
Lake Glaucus.....	KUMV	300,600	PG-X	do.....	R. C. of A.
Lake Glebe.....	KIBB	300,600	PG-X	do.....	S. O. R. S.
Lake Glencoe.....	KIGB	300,600	PG-X	do.....	I. W. T. Co.
Lake Gorin.....	WRIE	300,600	PG-X	do.....	Do.
Lake Gormanian.....	WVIA	300,600	PG-X	do.....	Do.
Lake Govan.....	WVIU	300,600	PG-X	do.....	Do.
Lake Gradan.....	WSUU	300,600	PG-X	do.....	S. O. R. S.
Lake Grainger.....	KEJK	300,600	PG-X	do.....	R. C. of A.
Lake Grama.....	KEJL	300,450,600	PG-X	do.....	Do.
Lake Grampian.....	KEKG	300,600	PG-X	do.....	Do.
Lake Grampus.....	KEKJ	300,600	PG-X	do.....	I. W. T. Co.
Lake Granby.....	KIDB	300,600	PG-X	do.....	do.
Lake Grandon.....	WLAI	300,600	PG-X	do.....	Do.
Lake Graphite.....	WZOA	300,600	PG-X	do.....	Do.
Lake Gratis.....	WZOE	300,600	PG-X	do.....	R. C. of A.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Lake Grattan.....	WZOI	300, 600	PG-X	U. S. S. B.	I. W. T. Co.
Lake Gravella.....	WZOO	300, 600	PG-X	do.	S. O. R. S.
Lake Gravett.....	WZOU	300, 600	PG-X	do.	R. C. of A.
Lake Gravity.....	WBUE	300, 600	PG-X	do.	Do.
Lake Greenbrier.....	WBUE	300, 600	PG-X	do.	S. O. R. S.
Lake Gretna.....	WBUJ	300, 600	PG-X	do.	R. C. of A.
Lake Grogan.....	WUNC	300, 600	PG-X	do.	Do.
Lake Gunnl.....	KUNC	300, 600	PG-X	do.	Do.
Lake Haresti.....	KUGN	300, 450, 600	PG-X	do.	S. O. R. S.
Lake Harminia.....	KZOI	300, 600	PG-X	do.	Do.
Lake Harney.....	KGOE	300, 600	PG-X	International Coal Trans. Corp.	Do.
Lake Harris.....	KXAU	300, 600	PG-X	U. S. S. B.	I. W. T. Co.
Lake Hector.....	KUMZ	300, 450, 600	PG-X	do.	R. C. of A.
Lake Helen.....	KZOI	300, 600	PG-X	do.	I. W. T. Co.
Lake Hemlock.....	KLOE	300, 600	PG-X	do.	R. C. of A.
Lake Hewes.....	KVUU	300, 600	PG-X	do.	S. O. R. S.
Lakehurst.....	KLOI	300, 600	PG-X	do.	Do.
Lake Ikatán.....	KUCM	300, 450, 700	PG-X	do.	Do.
Lake Inaha.....	KEFM	300, 600	PG-X	do.	R. C. of A.
Lake Indian.....	KZOO	300, 600	PG-X	do.	S. O. R. S.
Lake Inglenook.....	KOBT	300, 600	PG-X	do.	I. W. T. Co.
Lake Janet.....	KFD	300, 600	PG-X	do.	S. O. R. S.
Lake Jessup.....	KHV	300, 600	PG-X	International Coal Trans. Corp.	Do.
Lake Kyttle.....	WCOU	300, 600	PG-X	U. S. S. B.	Do.
Lakeland.....	WDL	300, 600	PG-X	Tri-State S. S. Co.	R. C. of A.
Lake Larga.....	KMUE	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Lake Lasang.....	KMUA	300, 600	PG-X	do.	Do.
Lake Ledan.....	KTUA	300, 600	PG-X	do.	Do.
Lake Lemando.....	WCIO	300, 600	PG-X	do.	I. W. T. Co.
Lake Lesa.....	KXOU	300, 600	PG-X	do.	S. O. R. S.
Lake Licoco.....	WTAO	300, 600	PG-X	do.	Do.
Lake Lida.....	KLOO	300, 600	PG-X	do.	R. C. of A.
Lake Liliusun.....	KZIO	300, 600	PG-X	do.	Do.
Lake Lillian.....	KXUI	300, 600	PG-X	International Coal Trans. Corp.	Do.
Lake Linden.....	KZAE	300, 600	PG-X	U. S. S. B.	Do.
Lake Louise.....	KZUU	300, 600	PG-X	do.	Do.
Lake Marion.....	KXEE	300, 600	PG-X	do.	Do.
Lake Markham.....	KTOU	300, 600	PG-X	do.	Do.
Lake Mary.....	KREO	300, 600	PG-X	do.	Do.
Lake Mattato.....	WTAI	300, 600	PG-X	do.	I. W. T. Co.
Lake Maurepas.....	KLEA	300, 600	PG-X	do.	R. C. of A.
Lake Medford.....	KZOA	300, 450, 600	PG-X	do.	Do.
Lake Miraflores.....	KDNR	300, 600	PG-X	do.	I. W. T. Co.
Lake Narka.....	KTOA	300, 600	PG-X	do.	R. C. of A.
Lake Ogden.....	KHU	300, 600	PG-X	do.	I. W. T. Co.
Lake Onawa.....	KOJM	300, 600	PG-X	do.	Do.
Lake Ontario.....	KDIR	300, 600	PG-X	do.	R. C. of A.
Lake Orange.....	KZOU	300, 600	PG-X	do.	Do.
Lake Ormoc.....	KVUA	300, 600	PG-X	do.	Do.
Lake Osweya.....	KVAA	300, 450, 600	PG-X	do.	I. W. T. Co.
Lake Otisco.....	KLIA	300, 600	PG-X	International Coal Trans. Corp.	R. C. of A.
Lake Otsuquago.....	KXAO	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Lake Pachuta.....	KTUU	300, 600	PG-X	do.	Do.
Lake Pearl.....	KVIO	300, 600	PG-X	do.	R. C. of A.
Lake Peplin.....	KTUI	300, 600	PG-X	do.	Do.
Lake Pewaukee.....	KLEU	300, 600	PG-X	do.	Do.
Lake Pickaway.....	WKAO	300, 600	PG-X	do.	I. W. T. Co.
Lake Pleasant.....	KXEA	300, 600	PG-X	do.	S. O. R. S.
Lake Saba.....	KOS	300, 600	PG-X	do.	I. W. T. Co.
Lake Sanford.....	KXEI	300, 600	PG-X	do.	R. C. of A.
Lake Sapor.....	KEZB	300, 600	PG-X	do.	Do.
Lake Savus.....	KOCB	300, 600	PG-X	do.	I. W. T. Co.
Lake Sebago.....	KLUE	300, 600	PG-X	do.	R. C. of A.
Lake Shawano.....	KLOU	300, 600	PG-X	do.	I. W. T. Co.
Lakeshore.....	KDIV	300, 600	PG-X	do.	R. C. of A.
Lake Silver.....	KHE	300, 600	PG-X	do.	I. W. T. Co.
Lake Singara.....	KITQ	300, 600	PG-X	do.	S. O. R. S.
Lake Slavi.....	KOTJ	300, 600	PG-X	do.	Do.
Lake Stirling.....	KDJE	300, 600	PG-X	do.	R. C. of A.
Lake Strabo.....	KEBR	300, 600	PG-X	do.	S. O. R. S.
Lake St. Clair.....	WNL	300, 600	PG-X	do.	Do.
Lake St. Regis.....	KLEE	300, 600	PG-X	do.	Do.
Lake Strymon.....	KONS	300, 600	PG-X	do.	Do.
Lake Sunapee.....	KLIU	300, 600	PG-X	do.	R. C. of A.
Lake Superior.....	KDIT	300, 600	PG-X	do.	S. O. R. S.
Lake Tippah.....	KOVC	300, 600	PG-X	do.	I. W. T. Co.
Lake Traverse.....	KDJD	300, 600	PG-X	do.	Do.
Lake Treba.....	KOSQ	300, 600	PG-X	do.	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Lake Tulare.....	WDX	300,600	PG-X	International Coal Trans. Corp.	I. W. T. Co.
Lakeview.....	KDIX	300,600	PG-X	U. S. S. B.	R. C. of A.
Lakeville.....	KXEU	300,600	PG-X	do.	I. W. T. Co.
Lake Washburn.....	KREI	300,600	PG-X	do.	S. O. R. S.
Lake Weir.....	KDIW	300,600	PG-X	do.	R. C. of A.
Lake Wilson.....	KZAO	300,600	PG-X	do.	Do.
Lake Wimico.....	KSOI	300,450,600	PG-X	do.	Do.
Lake Winona.....	KLAU	300,600	PG-X	do.	Do.
Lake Winoski.....	KZIE	300,600	PG-X	do.	S. O. R. S.
Lake Winthrop.....	KZAI	300,600	PG-X	do.	R. C. of A.
Lakewood.....	KDJC	300,600	PG-X	do.	do.
Lake Yahara.....	KZAU	300,450,600	PG-X	do.	S. O. R. S.
Lake Yelverton.....	KVOO	300,600	PG-X	do.	R. C. of A.
Lake Yemassee.....	KTOO	300,600	PG-X	do.	I. W. T. Co.
Lake Ypsilanti.....	WKEI	300,600	PG-X	do.	Do.
Lake Zaliski.....	WKAI	300,600	PG-X	do.	Do.
Lancaster.....	KQUE	300,600	PG-X	Imperial Shipping Corp.	R. C. of A.
Lampasas.....	KEP	300,450,600	PG-N	Mallory S. S. Co.	I. W. T. Co.
Lansdowne.....	KONP	300,600	PG-X	U. S. S. B.	R. C. of A.
Lansing.....	WTC	300,600,1,800	PG-X	Union S. S. Co.	F. T. Co.
La Placencia.....	KDPX	300,600	PG-X	Union Oil Co.	R. C. of A.
Laramie.....	KUBC	300,600	PG-X	U. S. S. B.	S. O. R. S.
Las Vegas.....	KQUM	300,450,600	PG-X	do.	R. C. of A.
Latham.....	KUKR	300,450,600	PG-X	do.	do.
Latouche.....	WAI	300,600	PG-X	Alaska S. S. Co.	S. O. R. S.
Laurel.....	WTUE	300,600	PG-N	U. S. S. B.	I. W. T. Co.
Lavada.....	KDFV	300,450,600	PG-X	do.	S. O. R. S.
Lebanon.....	KIXL	300,600	PG-X	do.	I. W. T. Co.
Lehigh.....	KINM	300,600	PG-X	do.	R. C. of A.
Lenaape.....	KVL	300,450,600	PG-N	Clyde S. S. Co.	I. W. T. Co.
Levi G. Burgess.....	WOX	300,600	PG-X	Alaska Portland Packers Assn.	Owner of vessel.
Levisa.....	KDL	300,600	PG-X	United Fruit Co.	T. R. T. Co.
Lewis K. Thurlow.....	KXY	300,450,600	PG-X	Crowell & Thurlow S. S. Co.	Owner of vessel.
Lewis Luckenbach.....	WFOE	300,600	PG-N	Luckenbach S. S. Co.	S. O. R. S.
Lexington.....	KNB	300,550,600	PG-N	Colonial Navigation Co.	I. R. T. Co.
Libby Maine.....	KDV	300,450,535,600	PG-X	Libby, McNeill & Libby.	S. O. R. S.
Liberator.....	KDTA	300,600	PG-X	Lybeck Ocean Harvester Co.	Do.
Liberator.....	KRIU	300,600	PG-N	U. S. S. B.	Do.
Liberty.....	WCOO	300,600	PG-N	do.	Do.
Liberty Bell.....	KJUX	300,600	PG-X	do.	Do.
Liberty Land.....	KISS	300,450,600	PG-X	do.	R. C. of A.
Liberty Minquas.....	KUBJ	300,450,600	PG-X	do.	S. O. R. S.
Liebre.....	KDPG	300,450,600	PG-X	General Petroleum Co.	I. W. T. Co.
Lightburne.....	KIVF	300,600	PG-X	Texas Co.	Do.
Ligonier.....	KTD	300,600	PG-X	Gulf Refining Co.	Do.
Lilmae.....	KDHU	300,600	PG-X	U. S.-Mexico Oil Corp.	do.
Limon.....	KDR	300,450,600	PG-X	United Fruit Co.	T. R. T. Co.
Lio.....	KDSO	300,600	PG-X	do.	do.
Lithopolis.....	WQEA	300,600	PG-X	U. S. S. B.	I. W. T. Co.
Livingstone Roe.....	KDOD	300,600	PG-X	S. O. Co. of N. J.	R. C. of A.
L. J. Drake.....	WZAA	300,450,600	PG-X	do.	Do.
Lockport.....	KIXM	300,600	PG-X	U. S. S. B.	I. W. T. Co.
Loki.....	KDGD	300,600	PG-X	do.	R. C. of A.
Lorain.....	KIFZ	300,450,600	PG-X	do.	Do.
Lordship Manor.....	KIXN	300,600	PG-X	do.	Do.
Loretta.....	KUXF	300,450,600	PG-X	do.	Do.
Lorraine Cross.....	KDDE	300,450,600	PG-X	do.	Do.
Los Angeles.....	WOL	300,600,1,800	PG-X	Union Oil Co.	F. T. Co.
Louise.....	KUKN	300,600	PG-X	E. D. Burge.	Owner of vessel.
Louisiana.....	KUL	300,450,600	PG-X	Texas Co.	I. W. T. Co.
Louisville Bridge.....	KIDP	300,600	PG-X	U. S. S. B.	Do.
Luella.....	KLAA	300,600	PG-X	do.	Do.
Lurline.....	WML	300,450,600	PG-N	Matson Navigation Co.	R. C. of A.
Luxpallie.....	KIPV	300,600	PG-X	U. S. S. B.	I. W. T. Co.
Luzon.....	KDRU	300,600	PG-X	Fernandez Hermanos	do.
Lycoming.....	KOMK	300,600	PG-X	U. S. S. B.	R. C. of A.
Lydia.....	WROI	300,600	PG-X	Lydia S. S. Co.	Do.
Lyman Stewart.....	WTL	300,600,1800	PG-X	Union Oil Co.	F. T. Co.
Lyndonia.....	KULZ	300,600	PG-X	C. H. K. Curtis	Owner of vessel.
M. A. Bradley.....	WQH	300,600	PG-X	Harvey H. Brown & Co.	R. C. of A.
Macomet.....	KORC	300,600	PG-X	U. S. S. B.	Do.
Maddequet.....	KUGZ	300,450,600	PG-X	do.	I. W. T. Co.
Magmeric.....	KOJS	300,600	PG-X	do.	S. O. R. S.
Magunkook.....	WJUO	300,600	PG-N	do.	I. W. T. Co.
Mahanna.....	KKP	300,600	PG-X	do.	do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Malden Creek.....	KIPX	300,600	PG-X	U. S. S. B.....	R. C. of A.
Maine.....	KUQ	300,450,600	PG-X	.....do.....	Do.
Maitland No. 1.....	WLE	300,600	PG-X	Toronto, Hamilton & Buffalo Navigation Co.	Do.
Major Wheeler.....	WFII	300,600	PG-N	U. S. S. B.....	S. O. R. S.
Malden.....	KZV	300,450,600	PG-X	New England Fuel & Transportation Co.	R. C. of A.
Manatawny.....	KDFM	300,600	PG-X	U. S. S. B.....	.....do.....
Manatee.....	KURN	300,450,600	PG-X	.....do.....	Do.
Manchuria.....	WWE	300,600	PG-N	Atlantic Transportation Co.....	I. W. T. Co.
Manngore.....	KHP	300,450,600	PG-X	Guaranty Trust Co.....	R. C. of A.
Manham.....	KORS	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Manitou.....	WFW	300,600	PG-N	Northern Mich. Transpn. Co.....	R. C. of A.
Manitowoc.....	KRQ	300,450,525,600	PG-X	American Transatlantic Co.....	Owner of vessel.
Manoa.....	KOQ	300,600	PG-N	American Interlake Co.....	Do.
Manoa.....	WMQ	300,450,600	PG-N	Matson Navigation Co.....	R. C. of A.
Manukal.....	KDSF	300,600	PG-X	.....do.....	Do.
Manulani.....	KDRQ	300,600	PG-N	.....do.....	Do.
Maquan.....	KOVD	300,450,600	PG-X	U. S. S. B.....	S. O. R. S.
Maracaibo.....	KDM	300,450,600	PG-N	Atlantic & Caribbean St. N. Co.	R. C. of A.
Maracay.....	KDKO	300,450,600	PG-X	C. K. MacFadden.....	Owner of vessel.
Margaret.....	KUQS	300,600	.....	Red Salmon Canning Co.....	Do.
Margaret.....	KZO	300,600	PG-X	A. H. Bull S. S. Co.....	I. W. T. Co.
Margus.....	KONG	300,450,600	PG-X	U. S. S. B.....	R. C. of A.
Marica.....	KNK	300,600	PG-X	.....do.....	S. O. R. S.
Marina.....	KIVD	300,450,600	PG-N	Bull-Insular S. S. Co.....	R. C. of A.
Mariners Harbor.....	KKEU	300,600	PG-X	U. S. S. B.....	Do.
Marne.....	KDLV	300,600	PG-N	.....do.....	Do.
Marne.....	KEDJ	300,450,600	PG-X	.....do.....	Do.
Marquette and Bessemer No. 2.	WEX	300,450,600	PG-X	Marquette & Bessemer Dock & Navigation Co.	Owner of vessel.
Marsodak.....	KOCM	300,600	PG-X	.....do.....	S. O. R. S.
Martha Washington.	KUQF	300,600	PG-N	.....do.....	Do.
Maruba.....	WZEE	300,600	PG-X	Inter-Coast S. S. Co.....	I. W. T. Co.
Mary.....	KTOE	300,600	PG-X	U. S. S. B.....	Do.
Mary Luckenbach.....	KDLX	300,600	PG-X	Luckenbach Terminals (Inc.)	R. C. of A.
Masca.....	KIBL	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Mascotte.....	KOW	300,600	PG-N	Peninsular & Occid. S. S. Co.	R. C. of A.
Mason City.....	KUGX	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Massick.....	KOPF	300,600	PG-X	.....do.....	Do.
Massillon Bridge.....	KONJ	300,600	PG-X	.....do.....	I. W. T. Co.
Masuda.....	KMII	300,600	PG-X	.....do.....	S. O. R. S.
Matanzas.....	WFEU	300,450,600	PG-X	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Matinicock.....	KID	300,450,600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Matsonia.....	WMP	300,450,600	PG-N	Matson Navigation Co.....	Do.
Mattole.....	KUSV	300,600	PG-N	U. S. S. B.....	I. W. T. Co.
Mauban.....	KRAE	300,600	.....	Compania de Tabacos del Fill.	.....do.....
Maude F.....	KDBK	300,600	P-X	E. D. Burge.....	Owner of vessel.
Maui.....	WMR	300,450,600	PG-N	Matson Navigation Co.....	R. C. of A.
Mauna Kea.....	KDPD	300,600	PG-X	Inter-Island Navigation Co.....	Do.
Mazama.....	KNUO	300,600	PG-X	Mazama S. S. Co.....	I. W. T. Co.
McClellan.....	KYF	300,600	PG-X	U. S. S. B.....	.....do.....
McCreary County.....	KOQP	300,600	PG-X	.....do.....	Do.
McKeesport.....	KEXB	300,600	PG-N	.....do.....	Do.
Medantic.....	KDQH	300,600	PG-X	.....do.....	S. O. R. S.
Medina.....	KEI	300,450,600	PG-X	Mallory S. S. Co.....	I. W. T. Co.
Medon.....	KDJD	300,600	PG-X	U. S. S. B.....	.....do.....
Mehanno.....	KUDJ	300,600	PG-X	.....do.....	R. C. of A.
Melrose.....	KZW	300,600	PG-X	New Eng. Fuel & Trans. Co.....	Do.
Memnon.....	KDMH	300,600	PG-X	U. S. S. B.....	.....do.....
Menominee.....	KODL	300,450,600	PG-X	.....do.....	S. O. R. S.
Mercer.....	KEPF	300,450,600	PG-X	.....do.....	R. C. of A.
Mercer Victory.....	KIVG	300,600	PG-X	.....do.....	I. W. T. Co.
Meriden.....	KILP	300,475,600	PG-X	General S. S. Corp.....	Do.
Merrimack.....	KQM	300,450,600	PG-N	Merchants & Miners Trans. Co.	Do.
Merry Mount.....	KOGX	300,450,600	PG-X	U. S. S. B.....	S. O. R. S.
Metapan.....	KLF	300,600	PG-N	United Fruit Co.....	T. R. T. Co.
Meton.....	KDBM	300,600	PG-X	U. S. S. B.....	.....do.....
Mevania.....	KDCU	300,600,1800	PG-X	.....do.....	S. O. R. S.
Mexican.....	WKL	300,600	PG-N	American-Hawaiian S. S. Co.	Owner of vessel.
Mexicano.....	KGM	300,450,600	PG-X	Pierce Oil Corp.....	R. C. of A.
Mexico.....	KWX	300,450,600	PG-N	N. Y. & Cuba Mail S. S. Co.	I. W. T. Co.
Mexoil.....	WQIA	300,600	PG-X	Pan-American Pet. & Tr. Co.	R. C. of A.
M. F. Elliott.....	KDNK	300,600	PG-X	Standard Oil Co.....	Do.
Miami.....	KOZ	300,600	PG-N	Peninsular & Occident. S. S. Co.	Do.
Middlebury.....	WZAA	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Middlesex.....	WRO	300,600	PG-X	Coastwise Transportation Co.	R. C. of A.
Miller County.....	KERX	300,600	PG-X	U. S. S. B.....	.....do.....

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Millinocket.....	KNM	300,600	PG-X	A. H. Bull S. S. Co.....	I. W. T. Co.
Milwaukee.....	KEXS	300,600	PG-X	Grand Trunk Car Ferry Line..	Do.
Milwaukee Bridge.	KIBF	300,450,600	PG-X	U. S. S. B.....	R. C. of A.
Mindoro.....	KDRS			Philippine Insular Govern'm't.	Do.
Mineola.....	KSEE	300,450,600	PG-X	Grace S. S. Co.....	Do.
Minnekahda.....	KDKK	300,600	PG-N	Atlantic Transport Co.....	I. W. T. Co.
Minnequa.....	KIVB	300,600	PG-X	U. S. S. B.....	Do.
Minnesota.....	WEK	300,600	PG-X	Geo. S. Bennett.....	Do.
Minnesota.....	WMI	300,450,600	PG-N	Atlantic Transport Co.....	Do.
Missosotan.....	WKM	300,600	PG-X	American-Hawaiian S. S. Co..	Owner of vessel.
Minnewawa.....	KOPG	300,600	PG-X	U. S. S. B.....	R. C. of A.
Minooka.....	KOZN	300,450,600	PG-X	do.....	Do.
Miskianza.....	KOZM	300,600	PG-X	do.....	Do.
Missouri.....	WFX	300,600	PG-N	Northern Mich. Trans. Co....	Do.
Mitchell.....	KOTF	300,600	PG-X	U. S. S. B.....	Do.
M. J. Scanlon.....	WJAO	300,450,600	PG-X	do.....	Do.
M. M. Davis.....	KDAG	300,450,600	PR-X	C. E. Davis Packing Co.....	Owner of vessel.
Mobile City.....	KDCE	300,450,600	PG-X	U. S. Steel Products Co.....	R. C. of A.
Moffitt.....	KDME	300,600	PG-X	U. S. S. B.....	Do.
Mohawk.....	KVM	300,450,600	PG-N	Clyde S. S. Co.....	I. W. T. Co.
Mohawk.....	KYU	300,600	P-X	Ralph E. Barry.....	Owner of vessel.
Mohawk.....	KXE	300,550,600	PG-X	New England S. S. Co.....	I. R. T. Co.
Mohegan.....	KXM	300,550,600	PG-N	do.....	Do.
Mohinkis.....	KUKP	300,450,600	PG-X	U. S. S. B.....	Do.
Mojave.....	WJEA	300,600	PG-X	do.....	Do.
Moline.....	KEXN	300,600	PG-X	do.....	I. W. T. Co.
Momus.....	KKM	300,450,600	PG-N	Southern Pacific Co.....	Owner of vessel.
Monana.....	KFEQ	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Monasses.....	KILX	300,600	PG-X	do.....	I. W. T. Co.
Monolia.....	WVN	300,600	PG-N	Atlantic Transport Co.....	Do.
Monmouth.....	WXUO	300,600	PG-N	U. S. S. B.....	Do.
Monomac.....	KORP	300,600	PG-X	do.....	S. O. R. S.
Monroe.....	KOSF	300,600	PG-N	do.....	I. W. T. Co.
Montague.....	KOMV	300,600	PG-X	do.....	Do.
Montana.....	KOJF	300,600	PG-N	American Transportation Co..	Do.
Montauk.....	KIXV	300,600	PG-N	Atlantic Transport Co.....	Do.
Montclair.....	KVII	300,600	PG-N	U. S. S. B.....	Do.
Montebello.....	KDPR	300,600	PG-X	Union Oil Co.....	R. C. of A.
Monterey.....	KWY	300,450,600	PG-N	N. Y. & Cuba Mail S. S. Co..	I. W. T. Co.
Montfaucou.....	KUQZ	300,600	PG-X	Independent S. S. Co.....	Do.
Montgomery.....	KIJP	300,600	PG-X	U. S. S. B.....	R. C. of A.
Montgomery City.....	KDJZ	300,450,600	PG-X	U. S. Steel Products Co.....	Do.
Monticello.....	WLJ	300,600	PG-N	U. S. S. B.....	Do.
Montpelier.....	WLZ	300,600	PG-N	do.....	Do.
Montrolite.....	WEQ	300,600	PG-X	Standard Oil Co. of N. J.....	Do.
Moonlite.....	KPL	300,450,600	PG-X	do.....	Do.
Moosabee.....	KIKP	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Mooshausic.....	KOGD	300,600	PG-X	do.....	I. W. T. Co.
Moositauke.....	KOKG	300,600	PG-X	do.....	R. C. of A.
Mopang.....	KOPX	300,600	PG-X	do.....	I. W. T. Co.
Moravia Bridge.....	KOZG	300,600	PG-X	do.....	S. O. R. S.
Morristown.....	WGAI	300,600	PG-N	do.....	Do.
Morro Castle.....	KWC	300,450,600	PG-N	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Mosella.....	KDCQ	300,600,1800	PG-X	U. S. S. B.....	S. O. R. S.
Moshico.....	KOBX	300,600	PG-X	do.....	R. C. of A.
Moss Point.....	KETJ	300,600	PG-X	do.....	Do.
Mount Baker.....	KYD	300,600	PG-X	Gaston, Williams & Wignore S. S. Corp.....	Do.
Mount Carroll.....	KDQT	300,600	PG-N	Shawmut S. S. Co.....	Owner of vessel.
Mount Cay.....	KDBX	300,450,600, 1800	PG-X	Amer. S. & Com. Nav. Corp..	Do.
Mount Clinton.....	KDRV	300,600	PG-N	Shawmut S. S. Co.....	Do.
Mount Evans.....	KIMT	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Mount Hope.....	KOL	300	P-X	Prov., Fall River & Newpt. S. Co	Owner of vessel.
Mount Rainier.....	WSOE	300,600	PG-X	Gatn., Wms. & Wignre. S. S. Co.	R. C. of A.
Mount Seward.....	WJC	300,600	PG-X	Kerr Navigation Corp.....	Do.
Mount Shasta.....	WHH	300,450,600	PG-X	U. S. S. B.....	I. W. T. Co.
Mount Sidney.....	KQP	300,600	PG-X	Amer. S. & Com. Nav. Corp..	Do.
Mount Sterling.....	WGW	300,600	PG-X	do.....	R. C. of A.
Mount Summit.....	WFPJ	300,600	PG-X	do.....	Do.
Mount Vernon.....	KDCZ	300,600	PG-N	U. S. S. B.....	Do.
Mt. Vernon Bridge.	KWA	300,600	PG-X	do.....	I. W. T. Co.
Mulpua.....	KIDJ	300,600	PG-X	do.....	S. O. R. S.
Multnomah.....	WMA	300,600	PG-N	Multnomah S. S. Co.....	R. C. of A.
Munaires.....	WJN	300,600	PG-X	Munson S. S. Line.....	Do.
Munalbro.....	KUX	300,600	PG-X	do.....	Do.
Munamar.....	KUI	300,450,600	PG-N	do.....	Do.
Mundale.....	KUJ.....	300,450,600	PG-X	do.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Mundelta.....	KUF	300, 450, 600	PG-X	Munson S. S. Line.....	R. C. of A.
Munindies.....	KVE	300, 600	PG-X	do.....	Do.
Munisla.....	KJO	300, 450, 600	PG-X	Munisla S. S. Corp.....	Do.
Munplace.....	KUG	300, 450, 600	PG-X	Munson S. S. Line.....	Do.
Munric.....	KVD	300, 600	PG-X	do.....	Do.
Munsomo.....	KUK	300, 600	PG-X	do.....	Do.
Munwood.....	KUH	300, 600	PG-X	do.....	Do.
Mur.el.....	KDMO	300, 600	PG-X	Muriel Motorship Corp.....	
Mursa.....	KDFT	300, 600	PG-N	U. S. S. B.....	
Muscatine.....	KJII	300, 600	PG-N	do.....	I. W. T. Co.
Muskegon.....	KDGP	300, 600	PG-X	American Transatlantic Co.....	Owner of vessel.
Muskogee.....	KIB	390, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Mystic.....	KHZ	300, 600	PG-X	Shawmut S. S. Co.....	Owner of vessel.
Namhok.....	KDNE	300, 600, 1800	PG-X	U. S. S. B.....	S. O. R. S.
Nacata.....	KDMM	300, 600, 1800	PG-X	do.....	Do.
Nacogdoches.....	KKIU	300, 600	PG-N	do.....	
Nacoochee.....	KFP	300, 450, 600	PG-N	Ocean S. S. Co.....	R. C. of A.
Naiwa.....	WCIU	300, 450, 600	PG-X	U. S. S. B.....	Do.
Namasket.....	KDMI	300, 600	PG-X	do.....	
Namesug.....	KITN	300, 600	PG-X	do.....	
Nanking.....	KKEE	300, 450, 600	PG-N	China Mail S. S. Co.....	Do.
Nansemond.....	WQR	300, 450, 600	PG-N	U. S. S. B.....	I. W. T. Co.
Nantahala.....	WGIE	300, 600	PG-N	do.....	Do.
Nantasket.....	WLIO	300, 600	PG-X	do.....	Do.
Nantucket.....	KQN	300, 450, 600	PG-N	Merchants & Miners Trans. Co.....	Do.
Narbo.....	KDIG	300, 600	PG-X	U. S. S. B.....	
Narcissus.....	KDIH	300, 600	PG-X	do.....	
Nashaba.....	KDSM	300, 600	PG-X	do.....	
Natchez.....	KDJY	300, 600	PG-X	Charles Ward Engrng. Works.....	
National Bridge.....	KIBG	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Natrar.....	KDKM	300, 450, 600, 1800	PG-X	do.....	
Naugus.....	KUPS	300, 450, 600	PG-X	do.....	R. C. of A.
Nawitka.....	KELZ	300, 600	PG-X	do.....	
Neabscoc.....	KEKV	300, 450, 600	PG-X	Nacirema S. S. Corp.....	
Nedmac.....	KIQM	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Nelson.....	KNL	300, 450, 600	PG-X	Cuba Distilling Co.....	R. C. of A.
Nemaha.....	KUSR	300, 600	PG-X	U. S. S. B.....	Do.
Neponset.....	WQIO	300, 600	PG-N	do.....	
Neptune.....	KUN	300, 600	PG-X	do.....	
Nesco.....	KEBT	300, 600	PG-X	do.....	S. O. R. S.
Neshaminy.....	KILN	300, 600	PG-N	do.....	I. W. T. Co.
Neshobee.....	KUNK	300, 450, 600	PG-X	do.....	Do.
Newburgh.....	WZUE	300, 600	PG-X	do.....	
Neuse.....	WLT	300, 450, 600	PG-N	do.....	R. C. of A.
New Britain.....	KIRG	300, 450, 600	PG-X	Gr. Northwestern Ship. Corp.....	Do.
New England.....	KUCB	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
New Hampshire.....	KXF	300, 550, 600	PG-N	New England S. S. Co.....	I. R. T. Co.
New Haven.....	KXN	300, 550, 600	PG-X	do.....	Do.
New Orleans.....	KDFB	300, 450, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Newport.....	WVH	300, 600	PG-N	Pacific Mail S. S. Co.....	F. T. Co.
Newton.....	KZZ	300, 450, 600	PG-X	New England Fuel & Trans. Co.....	R. C. of A.
New Windsor.....	KGAE	300, 600	PG-X	U. S. S. B.....	Do.
New York.....	KSN	300, 600	PG-N	Inter. Mercantile Marine Co.....	I. W. T. Co.
New York.....	KUW	300, 450, 600	PG-X	Texas Co.....	Do.
Nika.....	KOPM	300, 600	PG-X	Hodge Ship Co.....	Do.
Nile.....	KOSD	300, 600	PG-X	U. S. S. B.....	Do.
Niobe.....	KDGB	300, 600	PG-X	do.....	R. C. of A.
Nipmuc.....	KQJX	300, 600	PG-N	do.....	I. W. T. Co.
Nipsic.....	KDJJ	300, 600	PG-X	Madrigal & Co.....	
Nishmaha.....	KEVM	300, 600	PG-X	U. S. S. B.....	Do.
Nobles.....	KODB	300, 600	PG-X	do.....	R. C. of A.
Noccalula.....	KORF	300, 600	PG-N	do.....	I. W. T. Co.
Nockum.....	KOGJ	300, 600	PG-X	do.....	S. O. R. S.
Noddle Island.....	KUKK	300, 600	PG-X	do.....	Do.
Nokatay.....	KOCF	300, 600	PG-X	do.....	R. C. of A.
Noma.....	KYO	300, 450, 600	PG-X	Rodman Wanamaker.....	Owner of vessel.
Nonantum.....	KIXP	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Nora.....	KDGG	300, 600	PG-X	Grace S. S. Co.....	R. C. of A.
Norfolk.....	WZUA	300, 600	PG-X	Coastwise Trans. Co.....	Do.
Norlina.....	KJE	300, 600	PG-X	Garland S. S. Corp.....	Do.
Norma.....	KEKC	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Norman Bridge.....	WIG	300, 450, 600	PG-X	Pan-Amer. Petr. & Trans. Co.....	R. C. of A.
North American.....	WEN	300, 600	PG-N	Chi., Dul. & Georg. Bay S. S. Co.....	I. W. T. Co.
Northern Star.....	KOKC	300, 600	PG-X	U. S. S. B.....	R. C. of A.
North Land.....	KJD	300, 600	PG-N	Eastern S. S. Lines.....	Do.
Northland.....	WGJ	300, 450, 600	PG-X	Atlas S. S. Co.....	S. O. R. S.
North Pines.....	WZEU	300, 600	PG-X	North Pines S. S. Co.....	

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
North Pole	KELB	300, 600	PG-N	U. S. S. B.	S. O. R. S.
Northwestern	WAN	300, 440, 525, 600	PG-N	Alaska S. S. Co.	Do.
Northwestern Bridge.	KONK	300, 600	PG-X	U. S. S. B.	R. C. of A.
North Wind	KYB	300, 600	P-X	Frank W. Frueauff.	Owner of vessel.
Norumbega	KOZX	300, 450, 600	PG-N	U. S. S. B.	I. W. T. Co.
Norwood	WSG	300, 450	PG-X	Pacific American Fisheries	S. O. R. S.
Nourmahal	KDTH	525, 600	PG-X	Vincent Astor.	Do.
Nueces	KEH	300, 600	PG-X	Mallory S. S. Co.	I. W. T. Co.
Nushagak	WNE	300, 600	PG & PR-N & X	Alaska Packers Association	Owner of vessel.
Nyanza	WJO	300, 600	PG-X	U. S. S. B.	Moore & McCormack.
O. A. Hermanson	WRA	300, 600	PG-X	Southern Oil & Transp. Corp.	Do.
Oakland	KMOO	300, 600	PG-N	U. S. S. B.	I. W. T. Co.
Occidental	KUSJ	300, 600	PG-X	Texas S. S. Co.	Do.
Oconee	KJC	300, 600	PG-X	Oconee S. S. Co.	Do.
Ogontz	KINB	300, 600	PG-X	U. S. S. B.	Do.
Ohioan	WKQ	300, 600	PG-X	American-Hawaiian S. S. Co.	Owner of vessel.
Ohonkara	KURV	300, 600	PG-X	Carl Tucker	Do.
Oklahoma City	KUML	300, 600	PG-X	U. S. S. B.	I. W. T. Co.
Oldham	KDQG	300, 600	PG-X	do.	Do.
Old North State	KDHF	300, 450, 600	PG-N	do.	R. C. of A.
Olen	KINR	300, 450, 600	PG-X	do.	Do.
Oleum	WTD	300, 600, 1800	PG-X	Union Oil Co.	F. T. Co.
Oneco	KZUI	300, 600	PG-N	U. S. S. B.	Do.
Oneida	KDJO	300, 600	PG-X	Independent S. S. Co.	Do.
Oneida	KYP	300, 600	P-X	E. C. Benedict	Owner of vessel.
Onekama	KEDK	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Oneonta	WPX	300, 450, 600	PG-X	Port of Portland, Oreg.	Do.
Onondaga	KDJR	300, 600	PG-X	Independent S. S. Co.	Do.
Ontario	KQO	300, 450, 600	PG-N	Merchants & Miners Trans. Co.	I. W. T. Co.
Opelika	KECL	300, 600	PG-X	U. S. S. B.	R. C. of A.
Opequan	KIBK	300, 600	PG-X	do.	I. W. T. Co.
Ophis	KODZ	300, 600	PG-X	do.	R. C. of A.
Orani	KOBD	300, 600	PG-X	do.	Do.
Orcus	KISC	300, 600	PG-X	do.	Do.
Oregon	WGD	300, 600	PG-X	Alaska-Pacific Navigation Co.	Do.
Oregonian	WKO	300, 600	PG-X	American-Hawaiian S. S. Co.	Owner of vessel.
Orient	KOLC	300, 450, 600	PG-X	Orient S. S. Corp.	R. C. of A.
Orinoco	KIMX	300, 600	PG-X	Orinoco S. S. Co.	Do.
Orion	WLO	300, 450, 600	PG-N	U. S. S. B.	S. O. R. S.
Orizaba	KMEI	300, 600	PG-N	N. Y. & P. R. Mail S. S. Co.	I. W. T. Co.
Orleans	KIDZ	300, 450, 600	PG-X	Orleans S. S. Corp.	R. C. of A.
Oronoke	KUNL	300, 600	PG-X	U. S. S. B.	Do.
Ossage	WJU	300, 450, 600	PG-X	do.	Moore & McCormack.
Osakis	WFOI	300, 600	PG-X	do.	R. C. of A.
Osaqumsick	KEVN	300, 600	PG-X	do.	S. O. R. S.
Oswatomie	KEVB	300, 600	PG-X	do.	Do.
Oscar D. Bennett	WIV	300, 450, 600	PG-X	Pan-Amer. Pet. & Trans. Co.	R. C. of A.
Oscoda	KEKT	300, 600	PG-X	U. S. S. B.	I. W. T. Co.
Oshkosh	WFUU	300, 600	PG-X	do.	S. O. R. S.
Oskaloosa	WHH	300, 600	PG-X	do.	I. W. T. Co.
Oskawa	WGUA	300, 600	PG-N	do.	Do.
Ossa	KUFZ	300, 450, 600	PG-X	do.	S. O. R. S.
Ossineke	WTW	300, 600	PG-N	do.	Do.
Ossining	KEFR	300, 600	PG-X	do.	R. C. of A.
Oswego	KRK	300, 450, 600	PG-X	Union Petroleum S. S. Co.	Do.
Otho	KULX	300, 450, 600	PG-X	U. S. S. B.	Do.
Otsego	WDG	200, 450, 600	PG-N	do.	S. O. R. S.
Otto M. Reiss	WNG	300, 450, 600	PG-X	Reiss S. S. Co.	R. C. of A.
O. T. Waring	KJW	300, 450, 600	PG-X	Standard Oil Co. of N. J.	Do.
Ourcq	KDMF	300, 600	PG-N	U. S. S. B.	Do.
Outagamie	KULS	300, 600	PG-X	Standard Oil Co.	Do.
Overbrook	KLAE	300, 600	PG-X	U. S. S. B.	Do.
Owego	KFQ	300, 450, 600	PG-X	Winett Operating Co.	Do.
Oyaka	KELX	300, 600	PG-X	U. S. S. B.	I. W. T. Co.
Ozama	WRX	300, 600	PG-X	Atl., Gulf & West Ind. S. S. Co.	Do.
Ozaukee	WXAA	300, 600	PG-N	U. S. S. B.	S. O. R. S.
Ozette	KEVP	300, 600	PG-X	do.	I. W. T. Co.
Ozmo	KUJL	300, 600	PG-X	Northern Commercial Co.	Owner of vessel.
Pachet	KDCH	300, 600	PG-N	U. S. S. B.	S. O. R. S.
Padnsay	KUQG	300, 600	PG-X	do.	Do.
Pagasset	KDHG	300, 600	PG-N	do.	Do.
Palisades	KOLV	300, 600	PG-N	do.	R. C. of A.
Pallas	KUTJ	300, 450, 600	PG-X	do.	I. W. T. Co.
Palo Alto	KDCT	300, 450, 600	PG-X	do.	R. C. of A.



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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Panama.....	KMH	300, 450, 600	PG-N	Panama R. R. Co.....	Owner of vessel.
Panaman.....	WKR	300, 600	PG-X	American-Hawaiian S. S. Co.....	Do.
Pan-American.....	KUT	300, 450, 600	PG-X	Texas S. S. Co.....	R. C. of A.
Panay.....	KEMJ	300, 450, 525, 600	PG-N	Madrigal & Co.....	
Panhandle State.....	KDAR	300, 450, 600	PG-N	U. S. S. B.....	S. O. R. S.
Panoli.....	KUQC	300, 600	PG-X	Pan-Amer. Pet. & Trans. Co.....	R. C. of A.
Panola.....	WMUO	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Pansa.....	KUZN	300, 600	PG-X	do.....	
Panuco.....	KMM	300, 600	PG-X	Sinclair Navigation Co.....	R. C. of A.
Panuco.....	KWM	300, 450, 600	PG-X	N. Y. & Cuba Mail S. S. Co.....	I. W. T. Co.
Paraguay.....	KTT	300, 600	PG-X	San Co.....	R. C. of A.
Paraiso.....	WRI	300, 600	PG-X	Oliver J. Olsen.....	Owner of vessel.
Parismina.....	KDG	300, 600	PG-X	United Fruit Co.....	T. R. T. Co.
Parksville.....	KIZG	300, 600	PG-X	U. S. S. B.....	
Parthian.....	WGE	300, 600	PG-X	Olympia Shipping Corp.....	Owner of vessel.
Pasadena.....	KMEU	300, 450, 600	PG-N	U. S. S. B.....	I. W. T. Co.
Passaic Bridge.....	KIBJ	300, 600	PG-X	do.....	
Pastores.....	KLA	300, 600	PG-N	United Fruit Co.....	T. R. T. Co.
Patrick Henry.....	KUPM	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
Patrol.....	KIN	300, 400, 600	PG-N	City of N. Y., Police Dept.....	Owner of vessel.
Paul H. Harwood.....	KJIO	300, 600	PG-X	Pan-Amer. Pet. & Trans. Co.....	R. C. of A.
Paulsboro.....	KRS	300, 450, 600	PG-X	Vacuum Oil Co.....	Do.
Pawlet.....	KUBL	300, 600	PG-X	U. S. S. B.....	Do.
Pawnee.....	KDGC	300, 600	PG-X	do.....	I. W. T. Co.
Pawnee.....	WLU	300, 450, 600	PG-N	do.....	R. C. of A.
Pawtucket.....	KINZ	300, 600	PG-X	do.....	S. O. R. S.
Peacock.....	KDKY	300, 600	PG-X	do.....	Do.
Pearlton.....	KDLC	300, 600	PG-X	U. S.-Mex. Oil Corp.....	
Pearl Shell.....	WIC	300, 450, 600	PG-X	Pearl Shell S. S. Co.....	R. C. of A.
Peconic.....	KDAF	300, 450, 600	PG-X	C. E. Davis Packing Co.....	Owner of vessel.
Peekskill.....	KOMX	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Pennant.....	KMF	300, 450, 600	PG-X	Pierce Oil Corp.....	R. C. of A.
Pennsylvania.....	KUP	300, 450, 600	PG-X	Texas S. S. Co.....	I. W. T. Co.
Pennsylvanian.....	WKP	300, 600	PG-X	American-Hawaiian S. S. Co.....	Owner of vessel.
Pequonnock.....	KXP	300, 550, 600	PG-N	New England S. S. Co.....	I. R. T. Co.
Pequot.....	WLX	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Peralta.....	KDMJ	300, 600	PG-X	do.....	
Pere Marquette.....	KIDA	300, 600	PG-X	Pere Marquette R. R. Co.....	Do.
Pere Marquette 8.....	KINL	300, 600	PG-X	do.....	Do.
Pere Marquette 17.....	WDC	300, 600	PG-X	do.....	Do.
Pere Marquette 18.....	WDD	300, 600	PG-X	do.....	Do.
Pere Marquette 19.....	WDB	300, 600	PG-X	do.....	Do.
Pere Marquette 20.....	WDE	300, 600	PG-X	do.....	Do.
Perfection.....	KIX	300, 600	PG-X	Standard Oil Co. of N. Y.....	Do.
Persian.....	KQX	300, 450, 600	PG-N	Mer. & Miners Trans. Co.....	I. W. T. Co.
Peter H. Crowell.....	KEXX	300, 476, 600	PG-X	Crowell & Thurlow S. S. Co.....	
Peter Reiss.....	WNX	300, 600	PG-X	North American S. S. Co.....	R. C. of A.
Petoskey.....	WDH	300, 600	PG-X	Chicago & S. Haven S. S. Co.....	Do.
Philadelphia.....	KDA	300, 450, 600	PG-N	Atl. & Car. Steam Nav. Co.....	Do.
Philadelphia.....	KSM	300, 600	PG-N	Intl. Mercantile Marine Co.....	I. W. T. Co.
Philippines.....	WAV	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
Phillip Publicker.....	KDEW	300, 600	PG-X	Publicker Shipping Co.....	R. C. of A.
Phoenix.....	WJEO	300, 600	PG-X	U. S. S. B.....	
Phoenix Bridge.....	WFOU	300, 600	PG-X	do.....	Do.
Phyllis.....	KEA	300, 600	PG-X	W. R. Chamberlain.....	Do.
Pilgrim.....	KURS	300, 600	PG-N	Chic. Racine & Mil. S. S. Co.....	
Pinellas.....	KULB	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Pinthis.....	KUPC	300, 450, 600	PG-X	Sugar Products Co.....	C. & W.
Pioneer.....	KIG	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Pioneer.....	KUL	300, 600	PG-X	Mutual Packing Co.....	Owner of vessel.
Pioneer.....	WPN	300, 600	PG-X	Puget Sound Tug Boat Co.....	Do.
Pipestone County.....	KIMZ	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Pisco.....	KEQV	300, 600	PG-X	do.....	
Pittsburgh Bridge.....	KUKL	300, 600	PG-X	do.....	R. C. of A.
P. J. Reilly.....	KDMY	300, 450, 600	PG-X	National Oil and Trans. Co.....	C. & W.
Plainfield.....	WJET	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Plays.....	KDTE	300, 600	PG-X	Union Oil Co.....	
Plejadias.....	WNP	300, 450, 600	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Plow City.....	KUCC	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Plymouth.....	KND	300, 450, 600	PG-X	Green Star S. S. Corp.....	R. C. of A.
Plymouth.....	KXH	300, 550, 600	PG-N	New England S. S. Co.....	I. R. T. Co.
Pocahontas.....	KDOX	300, 450, 600	PG-N	U. S. Mail S. S. Co.....	R. C. of A.
Point Adams.....	WES	300, 600	PG-X	Pacific Mail S. S. Co.....	F. T. Co.
Point Arena.....	WHP	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Point Bonita.....	WMT	300, 600	PG-X	Pacific Mail S. S. Co.....	F. T. Co.
Point Judith.....	KPAA	300, 600	PG-X	do.....	Do.
Point Lobos.....	KJUI	300, 600	PG-X	do.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Point Loma.....	WAU	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Polar Bear.....	WGOE	300, 600	PG-N	do.....	I. W. T. Co.
Polarine.....	KOI	300, 450, 600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Polar Sea.....	KSOA	300, 600	PG-N	U. S. S. B.....	Do.
Polar Star.....	KELC	300, 600	PG-N	do.....	Do.
Polybius.....	KIGL	300, 600	PG-N	do.....	I. W. T. Co.
Pomona.....	KDAT	300, 450, 600	PG-X	do.....	R. C. of A.
Ponce.....	KGP	300, 450, 600	PG-X	N. Y. & Porto Rico S. S. Co.	I. W. T. Co.
Pontchartrain.....	KIMP	300, 600	PG-X	U. S. S. B.....	Do.
Pontia.....	KIPC	300, 600	PG-X	do.....	Do.
Portola Plumas.....	KUMN	300, 450, 600	PG-X	do.....	R. C. of A.
Porto Rico.....	WJG	300, 600	PG-N	do.....	I. W. T. Co.
Portsmouth.....	KOJV	300, 600	PG-N	do.....	R. C. of A.
Potomac.....	KOKN	300, 450, 600	PG-N	do.....	R. C. of A.
Potter.....	KDFC	300, 600	PG-X	do.....	Do.
Poughkeepsie.....	KZZZ	300, 600	PG-X	do.....	Do.
Poznam.....	WLY	300, 450, 600	PG-N	Polish-American Navgn. Corp.	R. C. of A.
President.....	WGP	300, 450, 600	PG-N	Pacific S. S. Co.....	Do.
Princess Matoika.....	WLS	300, 450, 600	PG-N	U. S. S. B.....	Do.
Princeton.....	KST	300, 450, 600	PG-X	Standard Oil Co. of N. J.	Do.
Priscilla.....	KXI	300, 550, 600	PG-N	New England S. S. Co.	I. R. T. Co.
Proctor.....	KEPQ	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Providence.....	KXJ	300, 550, 600	PG-N	New England S. S. Co.	I. R. T. Co.
Provincetown.....	KDFE	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
Prusa.....	KELQ	300, 600	PG-X	do.....	I. W. T. Co.
Puente.....	KDSS	300, 600	PG-X	Union Oil Co.	Do.
Puget Sound.....	WER	300, 600	PG-N	U. S. S. B.....	Do.
Pulaski.....	KUQL	300, 600	PG-X	do.....	R. C. of A.
Puritan.....	WDU	300, 600	PG-X	Chi., Rac. & Mil. Line.....	Do.
Putnam.....	KIXQ	300, 600	PG-X	U. S. S. B.....	Do.
Pylos.....	KULQ	300, 450, 600	PG-X	do.....	Do.
Pyramus.....	KIPL	300, 600	PG-X	do.....	Do.
Python.....	WNIO	300, 600	PG-X	do.....	Do.
Quaker City.....	KOZL	300, 600	PG-X	do.....	S. O. R. S.
Quabbin.....	KQJZ	300, 450, 600	PG-X	do.....	R. C. of A.
Quantic.....	KQQ	300, 450, 600	PG-X	Mer. & Min. Transp. Co.	I. W. T. Co.
Queen.....	WGX	300, 450, 600	PG-N	Pacific S. S. Co.	R. C. of A.
Queen II.....	WOY	400	P-X	Central Ill. Pub. Serv. Co.	Owner of vessel.
Quillwark.....	KUZM	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Quinault.....	KDND	300, 600	PG-X	W. H. Wood.....	Do.
Quinnipiac.....	KOQT	300, 600	PG-X	U. S. S. B.....	Do.
Quistconck.....	WREI	300, 600	PG-X	do.....	I. W. T. Co.
Quittacas.....	WRUO	300, 600	PG-X	do.....	S. O. R. S.
Radiant.....	KTR	300, 450, 600	PG-X	Standard Oil Co. of N. Y.	R. C. of A.
Radnor.....	KJUE	300, 600	PG-N	U. S. S. B.....	Do.
Rainier.....	WRZ	300, 600	PG-X	Atlas S. S. Co.....	S. O. R. S.
Rajah.....	WAO	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Ransom B. Fuller.....	KRF	300, 600	PG-X	Eastern S. S. Lines.....	Do.
Rapidan.....	KOSG	300, 600	PG-X	U. S. S. B.....	Do.
Rappahannock.....	WQQ	300, 600	PG-N	do.....	Do.
Rayo.....	KTL	300, 450, 600	PG-X	Standard Oil Co. of N. Y.	Do.
Reaper.....	KDLG	300, 600	PG-X	Texas S. S. Co.....	I. W. T. Co.
Red Cloud.....	WJEE	300, 600	PG-X	Red Cloud S. S. Co.	R. C. of A.
Red Hook.....	KDDA	300, 450, 525, 600	PR-X	Todd Shipbuilding Co.	S. O. R. S.
Red Mountain.....	KOTQ	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
Redondo.....	KYT	300, 475, 600	PG-N	Redondo S. S. Co.	Owner of vessel.
Redondo.....	WBM	300, 600	PG-X	Alaska S. S. Co.	R. C. of A.
Redwood.....	WSD	300, 450, 525, 600	PG-N	Pacific American Fisheries Co.	S. O. R. S.
Relay.....	KVZ	300, 600	P-X	Mexican Telegraph Co.	Owner of vessel.
Relief.....	KRJ	300, 450, 600	PG-X	M. & C. Der. & Wreck. Co.	S. O. R. S.
Remlik III.....	KZR	300, 600	PG-X	Willis S. Kilmer.....	Owner of vessel.
Remus.....	KEBX	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Republic.....	WSU	300, 600	PG-X	Chile S. S. Co.....	C. & W.
Rescue.....	KRP	300, 450, 600	PG-X	M. & C. Der. & Wreck. Co.	S. O. R. S.
Resolute.....	KRM	300, 600	PG-X	do.....	Owner of vessel.
Restorer.....	WIU	300, 450, 600	P-N	Commercial Pacific Cable Co.	R. C. of A.
Reuce.....	WSR	300, 525, 600	PG-X	Columbia River Packers Ass'n.	Owner of vessel.
Richard J. Reiss.....	WNK	300, 450, 600	PG-X	Reiss S. S. Co.	R. C. of A.
Richard Peck.....	KXR	300, 450, 600	PG-X	New England S. S. Co.	I. R. T. Co.
Richconcal.....	KUTX	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Richmond.....	KDOQ	300, 450, 600	PG-X	Aiken Towboat Co.	S. O. R. S.
Richmond.....	WTR	300, 600	PG-X	Standard Oil Co. of Calif.	R. C. of A.
Rio Grande.....	KEG	300, 600	PG-X	Mallory S. S. Co.	I. W. T. Co.
Ripon.....	KUGM	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Riverside Bridge.....	KUCD	300, 600	PG-X	do.....	I. W. T. Co.
R. J. Hanna.....	KDRD	300, 600	PG-X	Standard Oil Co. of Calif.	R. C. of A.
Roanoke.....	KOXV	300, 600	PG-X	Texas S. S. Co.....	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Robert C. Sudden.	KDQR	300, 600	PG-X	Thomas Crowley	
Robert M. Thompson.	KNW	300, 600	PG-X	American Transportation Co.	
Robert P. Clark.	KTH	300, 450, 600	PG-X	Gulf Refining Co.	I. W. T. Co.
Robin Adair.	KOVM	300, 440, 525, 600	PG-X	Seas Shipping Co.	S. O. R. S.
Robin Goodfellow.	KUBN	300, 440, 525, 600	PG-X	Robbin S. S. Line.	Do.
Robin Gray.	KOXT	300, 440, 525, 600	PG-X	do.	Do.
Robin Hood.	KOTM	300, 440, 525, 600	PG-X	Seas Shipping Co.	Do.
Rochester.	KUTZ	300, 600	PG-X	Vacuum Oil Co.	R. C. of A.
Rockaway Park.	KIZZ	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Rock Island.	KIND	300, 600	PG-X	do.	R. C. of A.
Rockport.	KOZD	300, 450, 600	PG-X	do.	S. O. R. S.
Rodman Swift.	KDKQ	200, 300, 600	PR-X	Submarine Signal Co.	Owner of vessel.
Romagne.	KDJX	300, 600	PG-X	Independent S. S. Co.	Do.
Romulus.	KIDR	300, 600	PG-X	U. S. S. B.	
Rose City.	WWR	300, 600	PG-N	San Francisco & Portland S. S. Co.	R. C. of A.
Rose Mahoney.	KSAE	300, 600	PG-X	Andrew F. Mahoney.	
Rotarian.	KDCF	300, 600	PG-X	U. S. S. B.	Do.
Royal Arrow.	KSW	300, 450, 600	PG-X	Standard Transportation Co.	Do.
Ruby.	KOBC	300, 600	PG-X	American Transportation Co.	
Rush.	WNR	300, 440, 525, 600	PG-X	Bering Sea Packing Co.	Owner of vessel.
Rushville.	KUDS	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Ruth.	KZC	300, 600	PG-X	A. H. Bull S. S. Co.	I. W. T. Co.
Ruth E. Merrill.	KQU	300, 450, 600	PG-X	Olympia Shipping Corp.	R. C. of A.
Sabine.	KEB	300, 450, 600	PG-N	Mallory S. S. Co.	I. W. T. Co.
Sabine Sun.	WLQ	300, 450, 600	PG-X	Sun Co.	R. C. of A.
Sabotawan.	KHJ	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Sacandaga.	KESC	300, 600	PG-X	do.	R. C. of A.
Sacacappa.	WGOI	300, 600	PG-X	do.	I. W. T. Co.
Sac City.	KEFB	300, 600	PG-X	do.	
Saco.	KEPT	300, 600	PG-X	do.	S. O. R. S.
Sacramento.	KWV	300, 600	PG-X	Sacramento S. S. Co.	
Sagadahoc.	KTUO	300, 600	PG-X	U. S. S. B.	R. C. of A.
Sagaporesck.	KZIU	300, 600	PG-X	do.	I. W. T. Co.
Sag Harbor.	WFAE	300, 600	PG-X	do.	S. O. R. S.
Sagua.	KVO	300, 600	PG-N	Atlantic Fruit Co.	I. W. T. Co.
Saguache.	KEKL	300, 600	PG-X	U. S. S. B.	R. C. of A.
Sahale.	KEPR	300, 600	PG-X	do.	Do.
Salaam.	KURP	300, 600	PG-X	do.	I. W. T. Co.
Salaverry.	KEQX	300, 600	PG-X	do.	
Salem County.	KODR	300, 450, 600	PG-X	do.	R. C. of A.
Salina.	KUZQ	300, 450, 600	PG-X	do.	S. O. R. S.
Salmon.	KPOU	300, 600	PG-X	do.	
Saluda.	KEGQ	300, 600	PG-X	do.	I. W. T. Co.
Salvation Lass.	KIMN	300, 600	PG-X	do.	
Samuel L. Fuller.	KDMS	300, 600	PG-X	Sinclair Navigation Corp.	R. C. of A.
Samuel Mitchell.	WEJ	300, 600	PG-X	Huron Transportation Co.	Do.
San Antonio.	KOMN	300, 600	PG-X	Adolfo Stahl.	Owner of vessel.
San Diego.	KUBF	300, 600	PG-X	W. H. Wood.	Do.
San Francisco.	KRT	300, 450, 600	PG-X	U. S. Steel Products Co.	R. C. of A.
Sangamon.	WJAA	300, 600	PG-X	U. S. S. B.	Do.
San Jacinto.	KES	300, 450, 600	PG-N	Mallory S. S. Co.	I. W. T. Co.
San Jose.	KDJ	300, 450, 600	PG-X	United Fruit Co.	T. R. T. Co.
San Jose.	WWL	300, 600	PG-N	Pacific Mail S. S. Co.	F. T. Co.
San Juan.	KGJ	300, 450, 600	PG-N	N. Y. & P. R. S. S. Co.	I. W. T. Co.
San Juan.	KULV	300, 450, 600	PG-N & X	Libby, McNeill & Libby.	Owner of vessel.
San Juan.	WWM	300, 600	PG-N	Pacific Mail S. S. Co.	F. T. Co.
San Lorenzo.	KEZ	300, 450, 600	PG-N	N. Y. & P. R. S. S. Co.	I. W. T. Co.
San Marcos.	KEK	300, 600	PG-X	Mallory S. S. Co.	Do.
San Mateo.	KLV	300, 600	PG-X	United Fruit Co.	T. R. T. Co.
San Pasqual.	KUXC	300, 600	PG-X	U. S. S. B.	
San Ramon.	WNW	300, 600	PG-X	Mexican Fruit & S. S. Corp.	Wireless Serv. Co.
Santa Alicia.	WSJ	300, 450, 600	PG-X	Grace S. S. Co.	R. C. of A.
Santa Ana.	WAL	300, 600	PG-N & X	Alaska S. S. Co.	S. O. R. S.
Santa Ana.	WBX	300, 450, 600	PG-N	Grace S. S. Co.	R. C. of A.
Santa Barbara.	WBJ	300, 450, 600	PG-X	do.	Do.
Santa Cecilia.	WBB	300, 450, 600	PG-X	Green Star S. S. Corp.	Do.
Santa Clara.	WBA	300, 600	PG-X	Atlantic & Pacific S. S. Co.	Do.
Santa Cruz.	WBD	300, 600	PG-N	do.	Do.
Santa Elisa.	KIGQ	300, 450, 600	PG-N	Grace S. S. Co.	Do.
Santa Eulalia.	KDDY	300, 450, 600	PG-X	American & Cuban S. S. Line.	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Santa Flavia.....	KRUI.....	300,450,600	PG-X	Grace S. S. Co.....	R. C. of A.
Santa Inez.....	WSI.....	300,600	PG-X	do.....	Do.
Santa Isabel.....	KDBV.....	300,450,600	PG-X	American & Cuban S. S. Line.	Do.
Santa Leonora.....	KIML.....	300,450,600	PG-N	U. S. S. B.....	Do.
Santa Luisa.....	KJEU.....	300,450,600	PG-N	Grace S. S. Co.....	Do.
Santa Malta.....	KIBN.....	300,600	PG-X	Atlantic & Pacific S. S. Co.....	Do.
Santa Marta.....	KLG.....	300,600	PG-N	United Fruit Co.....	T. R. T. Co.
Santanta.....	KZS.....	300,600	PG-X	Osborne Howes.....	Owner of vessel.
Santa Olivia.....	KQII.....	300,600	PG-X	Atlantic & Pacific S. S. Co.....	R. C. of A.
Santa Paula.....	WBQ.....	300,450,600	PG-X	Grace S. S. Co.....	Do.
Santa Rita.....	WBR.....	300,450,600	PG-X	do.....	Do.
Santa Rita.....	WTG.....	300,450,600	PG-X	Amer. Fuel Oil & Trans. Co.....	Do.
Santa Rosa.....	WBO.....	300,500,600	PG-X	Grace S. S. Co.....	Do.
Santa Rosalia.....	KLO.....	300,600	PG-X	U. S. Steel Products Co.....	Do.
Santa Tecla.....	KNEE.....	300,600	PG-X	Grace S. S. Co.....	Do.
Santa Teresa.....	WLIA.....	300,600	PG-N	do.....	Do.
Santa Veronica.....	KDHT.....	300,600	PG-X	Amer. & Cuban S. S. Line.....	Do.
Santiago.....	KWE.....	300,450,600	PG-N	N. Y. & Cuba Mail S. S. Co.....	I. W. T. Co.
Santore.....	KDQ.....	300,600	PG-X	Guaranty Trust Co.....	R. C. of A.
Sapinero.....	KESG.....	300,600	PG-X	U. S. S. B.....	Do.
Sapulpa.....	KDCB.....	300,600	PG-X	do.....	Do.
Sarah Weems.....	WQJ.....	300,600	PG-X	Baltimore & Carolina S. S. Co.....	Do.
Saramacca.....	KLH.....	300,600	PG-N	United Fruit Co.....	T. R. T. Co.
Sarcocixie.....	WLAA.....	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Sartatia.....	KIDC.....	300,600	PG-X	do.....	R. C. of A.
Satsuma.....	KJI.....	300,600	PG-N	Barber & Co.....	Do.
Saucon.....	WBK.....	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Saugerties.....	WAB.....	300,600	PG-X	do.....	S. O. R. S.
Saugus.....	KIBQ.....	300,600	PG-X	do.....	I. W. T. Co.
Sawokla.....	KDBW.....	300,450,600	PG-X	do.....	Do.
Saxon.....	WZEA.....	300,600	PG-X	Clinchfield Navigation Co.....	R. C. of A.
S. B. Hunt.....	KIPR.....	300,600	PG-X	Standard Oil Co. of N. J.....	Do.
Scantic.....	KILR.....	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Schenectady.....	WJIU.....	300,600	PG-X	do.....	R. C. of A.
Schodack.....	KEVT.....	300,600	PG-X	do.....	Do.
Schoharie.....	KEVV.....	300,600	PG-X	do.....	S. O. R. S.
Schoodic.....	KIDQ.....	300,600	PG-X	do.....	I. W. T. Co.
Schroon.....	KIJM.....	300,600	PG-X	do.....	Do.
Schuylkill Bridge.....	KUKC.....	300,600	PG-X	do.....	S. O. R. S.
Scottsburg.....	KOMM.....	300,600	PG-X	do.....	I. W. T. Co.
S. C. T. Dodd.....	KDML.....	300,600	PG-X	Standard Oil Co. of Calif.....	R. C. of A.
Seafarer.....	WPL.....			R. Bean.....	Do.
Sea Lion.....	KDOJ.....	300,600	PG-X	Ship Ow'rs. & Merchts. Tb Co.....	S. O. R. S.
Sea Monarch.....	KDQU.....	300,600	PG-X	do.....	Owner of vessel.
Sea Ranger.....	KDSQ.....	300,600	PG-X	do.....	Do.
Sea Scout.....	KDSY.....	300,600	PG-X	do.....	Do.
Seattle Spirit.....	KISD.....	300,600	PG-X	U. S. S. B.....	Do.
Sebonac.....	KUVF.....	300,450,600	PG-X	Thos. A. Howell.....	I. W. T. Co.
Security.....	KSJ.....	300,600	PG-X	Standard Transportation Co.....	R. C. of A.
Seandbee.....	WFS.....	300,600	PG-X	Cleveland & Buffalo T. Co.....	Do.
Seekonk.....	KIGF.....	300,450,600	PG-X	U. S. S. B.....	Do.
Selma.....	KUKQ.....	300,600	PG-X	do.....	Do.
Selma City.....	KDRJ.....	300,450,600	PG-X	U. S. Steel Products Co.....	Do.
Semunole.....	KUGP.....	300,600	PG-X	U. S. S. B.....	Do.
Senator.....	WGS.....	300,600	PG-N	Pacific S. S. Co.....	Do.
Senator Bailey.....	KGS.....	300,600	PG-X	Gulf Refining Co.....	I. W. T. Co.
Seneca.....	KDJW.....	300,600	PG-X	West Indian Navigation Co.....	Owner of vessel.
Severance.....	KXOE.....	300,600	PG-X	Union Sulphur Co.....	Do.
Sewalls Point.....	KGX.....	300,450,600	PG-N	Castner, Curran & Bullitt.....	R. C. of A.
Shannock.....	KOBB.....	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Sharon.....	KIRK.....	300,600	PG-X	do.....	Do.
Shaume.....	KILQ.....	300,600	PG-X	do.....	R. C. of A.
Shenandoah.....	KIBD.....	300,600	PG-X	Texas Co.....	I. W. T. Co.
Shenango.....	KTC.....	300,600	PG-X	Gulf Refining Co.....	Do.
Sherman.....	KMQ.....	300,450,600	PG-X	Sherman S. S. Co.....	R. C. of A.
Shickshinny.....	KIZP.....	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Shipping Board vessels (general call).	KSBV.....			do.....	Do.
Shooters Island.....	KERG.....	300,450,600	PG-X	do.....	R. C. of A.
Shortsville.....	KIKK.....	300,600	PG-X	do.....	Do.
Shreveport.....	WGAO.....	300,600	PG-X	do.....	Do.
Sialia.....	WFY.....	300,450,600	PG-X	Henry Ford.....	Owner of vessel.
Siboney.....	WRN.....	300,600	PG-N	N. Y. & Cuba Mail S. S. Co.....	I. W. T. Co.
Sierra.....	KRW.....	300,600	PR-X	E. K. Wood Lumber Co.....	Owner of vessel.
Siletz.....	KODG.....	300,476,600	PG-X	U. S. S. B.....	I. W. T. Co.
Silverado.....	WRC.....	300,450,600	PG-X	do.....	Do.
Silverbrook.....	KIBC.....	300,600	PG-X	do.....	Do.
Silver Shell.....	WIA.....	300,450,600	PG-X	Silver Shell S. S. Co.....	R. C. of A.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Silver State.....	KDPA	300, 450, 600 1, 800	PG-N	U. S. S. B.....	S. O. R. S
Sinasta.....	KDAC	300, 450, 600	PG-X	do.....	I. W. T. Co.
Sinsinawa.....	KOJD	300, 450, 600	PG-X	do.....	R. C. of A.
Sioux City.....	KUGK	300, 450, 600	PG-X	do.....	S. O. R. S.
Sioux Falls.....	KONN	300, 600	PG-X	do.....	R. C. of A.
Sir Thomas Shan- ghnessy.....	WFW	300, 600	PG-X	Jenkins S. S. Co.....	Do.
Siskiyou.....	KDAS	300, 600	PG-X	E. K. Wood Lumber Co.....	Owner of vessel.
Sixsola.....	KDS	300, 600, 1800	PG-N	United Fruit Co.....	T. R. T. Co.
Skagway.....	WAT	300, 600	PG-X	Alaska S. S. Co.....	Owner of vessel.
S. M. Fischer.....	WPH	300, 600	PG-X	Reid Towing & Wrecking Co.	R. C. of A.
S. M. Spalding.....	WKG	300, 450, 600	PG-X	Pan-Amer. Pet. & Transp. Co	Do.
Snoqualmie.....	KDBO	300, 600	PG-X	U. S. S. B.....	Do.
S. O. Co. No. 91.....	WTU	300, 600	PG-X	Standard Oil Co. of Calif.....	Do.
S. O. Co. No. 93.....	WTY	300, 600	PG-X	do.....	Do.
S. O. Co. No. 95.....	WTZ	300, 450, 600	PG-X	do.....	Do.
Socony.....	KTX	300, 450, 600	PG-X	Standard Oil Co. of N. Y.....	Do.
Socony 82.....	KVAI	300, 450, 600	PG-X	do.....	Do.
Socony 83.....	KVAO	300, 450, 600	PG-X	do.....	Do.
Socony 84.....	WCOE	300, 450, 600	PG-X	do.....	Do.
Socony 85.....	WKAE	300, 450, 600	PG-X	Standard Oil Co. of N. Y.....	Do.
Socony 88.....	KRUU	300, 450, 600	PG-X	do.....	Do.
Socony 89.....	KSAA	300, 450, 600	PG-X	do.....	Do.
Socony 90.....	WTHI	300, 450, 600	PG-X	do.....	Do.
Socony 92.....	WCOI	300, 450, 600	PG-X	do.....	Do.
Socony 94.....	WTIO	300, 450, 600	PG-X	do.....	Do.
Solana.....	KDQJ	300, 600	PG-X	Pacific Mail S. S. Co.....	F. T. Co.
Solitaire.....	KUMT	300, 600	PG-X	Texas S. S. Co.....	I. W. T. Co.
Somerset.....	KSU	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Somme.....	KDKZ	300, 600	PG-N	U. S. S. B.....	Do.
Sonoma.....	WHM	300, 600, 1800	PG-N	Oceanic S. S. Co.....	F. T. Co.
South American.....	WEO	300, 600	PG-N	Chi. Du. & Georgian Bay S.S.Co.	I. W. T. Co.
South Bend.....	KEXQ	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
South Pole.....	W DIA	300, 600	PG-N	do.....	I. W. T. Co.
Spokane.....	WGE	300, 450, 600	PG-N	Pacific S. S. Co.....	R. C. of A.
Springfield.....	KUTR	300, 600	PG-X	U. S. S. B.....	Do.
St. Anthony.....	KUBM	300, 600	PG-X	do.....	S. O. R. S.
St. Augustine.....	KIKJ	300, 600	PG-X	do.....	R. C. of A.
St. Charles.....	KOK	300, 600	PG-X	Maru Navigation Co.....	Do.
St. Johns County.....	KIKG	300, 600	PG-X	U. S. S. B.....	Do.
St. Louis.....	KDQX	300, 600	PG-N	Marietta Manufacturing Co.....	Do.
St. Mihiel.....	KDHW	300, 600	PG-N	U. S. S. B.....	Do.
St. Nicholas.....	WSS	300, 525, 600	PG-X	Col. River Packers Ass'n.....	Owner of vessel.
St. Paul.....	KSO	300, 600	PG-N	International Mer. Marine Co.....	I. W. T. Co.
Standard.....	KIC	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Standard.....	KXOI	300, 450, 600	PG-X	Standard Transportation Co	Do.
Standard II.....	KSA	300, 600	PG-X	do.....	Do.
Standard Arrow.....	KSV	300, 450, 600	PG-X	do.....	Do.
Standard Oil Co. (general call for vessels).	KSOC				
Standtow No. 1.....	KPO	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	Do.
Standtow No. 2.....	KPK	300, 450, 600	PG-X	do.....	Do.
Standtug No. 1.....	KQOM	300, 450, 600	PG-X	do.....	Do.
Stanley.....	KISJ	300, 600	PG-X	do.....	S. O. R. S.
Stanley Dollar.....	WHS	300, 450, 600	PG-X	Dollar S. S. Line.....	I. W. T. Co.
Stanwood.....	KHD	300, 600	PG-X	W. R. Chamberlin.....	Do.
Star I.....	WRIO	300, 600	PG-X	United States Whaling Co.....	Owner of vessel.
Star of Greenland.....	KERF	300, 400, 600	PG-X	Alaska Packers Assn.....	Do.
Star of Holland.....	KUGQ	300, 600	PG-X	do.....	Do.
Star of Lapland.....	KXOA	300, 600	PG-X	do.....	Do.
Starr.....	WPS	300, 600	PG-X	San Juan Fish. & Pack'g Co.	S. O. R. S.
State of Ohio.....	WFR	300, 600	PG-X	Cleveland & Buffalo Tran. Co.	R. C. of A.
Steadfast.....	WDEO	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Steel Age.....	KOXZ	300, 450, 600	PG-X	U. S. Steel Products Co.....	R. C. of A.
Steel Engineer.....	KDCX	300, 600	PG-N	do.....	Do.
Steel Exporter.....	KDDN	300, 600	PG-N	do.....	Do.
Steel Inventor.....	KDJL	300, 600	PG-N	do.....	Do.
Steelmaker.....	KOXX	300, 450, 600	PG-X	do.....	Do.
Steel Mariner.....	KUVK	300, 600	PG-N	do.....	Do.
Steel Ranger.....	KDGL	300, 450, 600	PG-X	do.....	Do.
Steel Trader.....	KUVL	300, 450, 600	PG-N	do.....	Do.
Steel Voyager.....	KUFN	300, 450, 600	PG-X	do.....	C. & W.
Steel Worker.....	KDBJ	300, 450, 600	PG-X	do.....	R. C. of A.
Stephen R. Jones.....	KXX	300, 450, 600	PG-X	Crowell & Thuriow S. S. Co.....	Owner of vessel.
Stockton.....	KDDS	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Stonewall.....	KDOV	300, 600	PG-X	Garland S. S. Corp.....	

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Storm King.....	KDJM	300,600	PG-N	U. S. S. B.....	R. C. of A.
Storm King.....	KOGM	300,600	PG-X	Rolph Navigation & Coal Co.	Owner of vessel.
Suboatco.....	KURZ	300,600	PG-X	Submarine Boat Corp.....	R. C. of A.
Sucrossa.....	KNS	300,450,600	PG-X	Cuba Distilling Co.....	Do.
Sucubaco.....	KDQL	300,600	PG-X	Submarine Boat Corp.....	Transmarine Corp.
Sudawsonco.....	KDFJ	300,450,600	PG-X	.....do.....	R. C. of A.
Sudbury.....	KRZ	300,450,600	PG-X	Shawmut S. S. Co.....	Do.
Suduffco.....	KDDO	300,600	PG-X	Submarine Boat Corp.....	Transmarine Corp.
Suduroco.....	KDEY	300,450,600	PG-X	.....do.....	R. C. of A.
Suedco.....	KUSB	300,600	PG-X	.....do.....	Do.
Suelco.....	KUZJ	300,600	PG-X	.....do.....	Do.
Suffolk.....	WRS	300,450,600	PG-X	Coastwise Transportation Co.	Do.
Sugillenco.....	KDLS	300,600	PG-X	Submarine Boat Corp.....	Transmarine Corp.
Suholco.....	KUZF	300,450,600	PG-X	.....do.....	Do.
Sujameco.....	KDLF	300,600	PG-X	.....do.....	Do.
Su Jerseyco.....	KDNH	300,600	PG-X	.....do.....	Do.
Sulanierco.....	KDFI	300,450,600	PG-X	.....do.....	Do.
Sumanco.....	KDDH	300,600	PG-X	.....do.....	Do.
Summerleaf.....	KUGR	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Sun.....	KTU	300,600	PG-X	Sun Co.....	R. C. of A.
Sunbeam.....	KODC	300,600	PG-X	.....do.....	Do.
Sundance.....	KORD	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Sunelsec.....	KUSC	300,450,600	PG-X	Submarine Boat Corp.....	Transmarine Corp.
Sunewarkco.....	KDNI	300,600	PG-X	.....do.....	Do.
Sunewco.....	KDBR	300,450,600	PG-X	.....do.....	Do.
Sunlite.....	KPQ	300,450,600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Sunoll.....	KWP	300,450,600	PG-X	Sun Co.....	Do.
Sunshine.....	KOFG	300,450,600	PG-X	.....do.....	Do.
Sunugentco.....	KDNX	300,600	PG-X	Submarine Boat Corp.....	Transmarine Corp.
Suphenco.....	KDRP	300,600	PG-X	.....do.....	R. C. of A.
Suportco.....	KUZK	300,600	PG-X	.....do.....	Do.
Suralleco.....	KDBS	300,600	PG-X	.....do.....	Do.
Suremico.....	KDHB	300,600	PG-X	.....do.....	Do.
Surichco.....	KDHA	300,600	PG-X	.....do.....	Do.
Surico.....	KDDP	300,600	PG-X	.....do.....	Do.
Suriname.....	KLI	300,450,600	PG-N	United Fruit Co.....	T. R. T. Co.
Suruga.....	KGD	300,450,600	PG-X	Barber & Co.....	R. C. of A.
Susana.....	KNX	300,600	PG-X	F. I. A. T. Corp.....	Do.
Susana II.....	KEMG	300,450,525, 600	PG-X	Madrigal & Co.....	Owner of vessel.
Suscolanco.....	KDFK	300,450,600	PG-X	Submarine Boat Corp.....	Transmarine Corp.
Susherico.....	KDDQ	300,600	PG-X	.....do.....	Do.
Suspearco.....	KDPC	300,600	PG-X	.....do.....	Do.
Susquehanna.....	KOLN	300,450,600	PG-N	U. S. S. B.....	R. C. of A.
Susquehanna.....	WEM	300,450,600	PG-X	Susquehanna S. S. Co.....	Do.
Sutermco.....	KDDI	300,450,600	PG-X	Submarine Boat Corp.....	Transmarine Corp.
Sutherland.....	WTJ	300,476,600	PG-X	U. S. S. B.....	S. O. R. S.
Sutorpco.....	KDBQ	300,600	PG-X	Submarine Boat Corp.....	Do.
Sutransco.....	KUZG	300,600	PG-X	.....do.....	R. C. of A.
Suwarinco.....	KDLD	300,600	PG-X	.....do.....	Do.
Suwled.....	KOXC	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Suwordenco.....	KDLE	300,600	PG-X	Submarine Boat Corp.....	Do.
S. V. Harkness.....	KEU	300,450,600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Swift Arrow.....	KDOS	300,600	PG-X	U. S. S. B.....	Do.
Swiftteagle.....	KDRK	300,450,600	PG-X	.....do.....	Do.
Swiftlight.....	KDSA	300,450,600	PG-X	.....do.....	Do.
Swift Scout.....	KDQV	300,450,600	PG-X	.....do.....	Do.
Swiftstar.....	KDPF	300,600	PG-X	.....do.....	Do.
Swiftsure.....	KDNG	300,450,600	PG-X	.....do.....	Do.
Swift Wind.....	KDSI	300,600	PG-X	.....do.....	Do.
Sylvan Arrow.....	KSX	300,450,600	PG-X	Standard Transportation Co.	Do.
Syros.....	KDEC	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Tamesl.....	WTE	300,458,600	PG-X	Sinclair Navigation Co.....	R. C. of A.
Tampa.....	KOVX	300,450,600	PG-X	U. S. S. B.....	Do.
Tampico.....	KOXR	300,600	PG-X	Crowell & Thurlow.....	Owner of vessel.
Tanamo.....	KVN	300,450,600	PG-X	Atlantic Fruit Co.....	I. W. T. Co.
Tancarville.....	KUKM	300,600	PG-X	Philippine Vegetable Oil Co.	R. C. of A.
Tartar.....	KEKS	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Tasco.....	KFT	300,600	PG-X	T. A. Scott Co.....	Owner of vessel.
Tashmooc.....	KOXD	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Tatoosh.....	WPE	300,600	PG-X	Henry C. Peterson.....	Owner of vessel.
Tecomate.....	KDST	300,600	PG-X	Kyle & Purdy.....	Do.
Tekoa.....	KOXF	300,600	PG-X	U. S. S. B.....	R. C. of A.
Tenafly.....	KOZF	300,600	PG-N	.....do.....	S. O. R. S.
Teresa.....	WIF	300,450,600	PG-N	.....do.....	Do.
Terre Haute.....	KOPJ	300,600	PG-X	.....do.....	R. C. of A.
Texan.....	WKT	300,600	PG-X	American-Hawaiian S. S. Co.	Owner of vessel.
Texarkana.....	KOCD	300,600	PG-X	U. S. S. B.....	R. C. of A.
Texas.....	KUM	300,450,600	PG-X	Texas Co.....	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Thala.....	KIQQ	300,600	PG-X	U. S. S. B.	
The Angeles.....	KUJD	300,450,600	PG-X	.....do.	R. C. of A.
The Harvester.....	WCR	300,600	PG-X	International Harvester Co.	Do.
The Lambs.....	KEBZ	300,600	PG-N	U. S. S. B.	I. W. T. Co.
The Limit.....	WCV	300,600	PG-X	Whitney Bros. Co.	R. C. of A.
Theodore Roosevelt.	WCT	300,600	PG-X	Cleveland-Erie S. S. Co.	Do.
Theodore F. Reynolds.	KDDG	300,600	PG-X	Steamship Theodore F. Reynolds Corp.	C. & W.
Thomas Crowley.....	KDSD	300,600	PG-X	Andrew F. Mahony	
Thomas H. Wheeler.....	KDOR	300,600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Thorobred.....	KYZ	300,600	PG-X	Dutee W. Flint	
"323".....	KDTH	300,600	PG-X	John B. Paine	
Tidewater.....	KOU	300,450,600	PG-N	Green Star S. S. Corp.	Do.
Tiger.....	KIT	300,450,600	PG-X	Standard Transportation Co.	Do.
Tillamook.....	WMOA	300,600	PG-X	U. S. S. B.	S. O. R. S.
Tionesta.....	WCA	300,600	PG-N	Erie & Western Transp. Co.	R. C. of A.
Tippecanoe.....	KUXL	300,600	PG-N	U. S. S. B.	S. O. R. S.
Tipton.....	WQOA	300,600	PG-X	.....do.	Do.
Tivives.....	KMI	300,600	PG-N	United Fruit Co.	T. R. T. Co.
Toiler.....	WTOO	300,600	PG-X	U. S. S. B.	
Toledo Bridge.....	KOXG	300,600	PG-X	.....do.	I. W. T. Co.
Tollard.....	KEVX	300,600	PG-X	.....do.	Do.
Toledo.....	WQOI	300,600	PG-N	.....do.	
Tolosa.....	KDAY	300,600	PG-X	.....do.	S. O. R. S.
Tomalva.....	KDFH	300,600	PG-X	.....do.	Do.
Tona.....	KOKJ	300,600	PG-X	.....do.	I. W. T. Co.
Tonesit.....	KOKX	300,600	PG-X	.....do.	Do.
Toopi.....	KULP	300,378,450,600	PG-X	.....do.	S. O. R. S.
Topa Topa.....	KDBB	300,600	PG-X	.....do.	Do.
Topila.....	KKE	300,450,600	PG-X	Southern Pacific Co.	Owner of vessel.
Tormentor.....	KFN	300,600	PG-X	Freeport & Tampico Fuel Oil Transportation Co.	R. C. of A.
Torres.....	KKF	300,450,600	PG-X	Southern Pacific Co.	Owner of vessel.
Toteco.....	KDSU	300,600	PG-X	Kyle & Purdy	
Tours.....	KDNB	300,600	PG-N	U. S. S. B.	
Transportation.....	KEJX	300,600	PG-X	Coastwise Transportation Co.	R. C. of A.
Traveller.....	KIVK	300,600	PG-X	U. S. S. B.	
Tri Mountain.....	KQOF	300,600	PG-X	.....do.	S. O. R. S.
Trinidadian.....	KNO	300,600	PG-X	Gulf Refining Co.	I. W. T. Co.
Trinity.....	KDBI	300,600	PG-N	U. S. S. B.	
Tripp.....	KIMC	300,600	PG-X	.....do.	Do.
Triumph.....	KEND	300,600	PG-X	.....do.	Do.
Trontolite.....	KOM	300,600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Tuckahoe.....	KJOU	300,450,600	PG-X	U. S. S. B.	I. W. T. Co.
Tuckanuck.....	KIMB	300,600	PG-X	.....do.	
Tuladi.....	KOXL	300,450,600	PG-X	.....do.	S. O. R. S.
Tulsa.....	KIIX	300,600	PG-X	.....do.	R. C. of A.
Tulisagas.....	KDRZ	300,600	PG-X	.....do.	S. O. R. S.
Tunica.....	WJP	300,600	PG-N	.....do.	R. C. of A.
Turrialba.....	KDT	300,600	PG-N	United Fruit Co.	T. R. T. Co.
Tuscaloosa City.....	KDLO	300,600	PG-X	U. S. Steel Products Co.	R. C. of A.
Tuscan.....	KUDC	300,600	PG-X	Munson S. S. Line	I. W. T. Co.
Tuxpanoil.....	KDPQ	300,600	PG-X	U. S. S. B.	
Tyed.....	WPC	300,600	PG-X	Skinner & Eddy Corp.	
Ulysses.....	KPU	300,600	PG-N	Panama R. R. Co.	Owner of vessel.
Undaunted.....	KDSJ	300,600	PG-X	W. Z. Haskins	
Undaunted.....	KYR	300,600	PG-X	France & Canada S. S. Co.	
Unioncoi.....	KUQP	300,600	PG-X	U. S. S. B.	I. W. T. Co.
Union Liberty.....	KUNG	300,600	PG-X	.....do.	
United States.....	KZU	300,450,600	PG-N	E. H. R. Green	Owner of vessel.
Utarcarbon.....	KUMC	300,450,600	PG-X	U. S. S. B.	R. C. of A.
Utoka.....	KERK	300,600	PG-X	.....do.	S. O. R. S.
Vaba.....	KDIP	300,600	PG-X	.....do.	
Vacuum.....	KUTS	300,450,600	PG-X	Vacuum Oil Co.	R. C. of A.
Valdez.....	WAK	300,600	PG-X	Alaska S. S. Co.	S. O. R. S.
Vallonia.....	KULR	300,600	PG-X	U. S. S. B.	R. C. of A.
Vanada.....	KOBF	300,600	PG-X	.....do.	Do.
Van Camp No. II.....	KDAK	300,600	PG-X	Fish Cannery Co.	S. O. R. S.
Vancollite.....	KDRG	300,450,600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Velerio.....	WHV	300,600	PG-X	G. Allan Hancock	Owner of vessel.
Venetia.....	WOV	300,600	PG-X	John D. Spreckles	Do.
Venezuela.....	WBG	300,600,1800	PG-N	Pacific Mail S. S. Co.	F. T. Co.
Ventura.....	WHL	300,600,1800	PG-N	Oceanic S. S. Co.	Do.
Vesta.....	KTS	300,450,600	PG-X	Standard Oil Co.	R. C. of A.
Vicksburg.....	KDBC	300,600	PG-X	Charles Ward Engineering Wks.	
Victoria.....	WAD	300,450,525,600	PG-N	Alaska S. S. Co.	S. O. R. S.
Victorious.....	WXIA	300,450,600	PG-X	U. S. S. B.	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Vigilant.....	KOZP	300,450,600	PG-X	E. K. Wood Lumber Co.....	Owner of vessel.
Vincennes Bridge.....	KOXM	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Vincent.....	KIZS	300,600	PG-N	do.....	Do.
Vinita.....	KOTL	300,450,600	PG-X	do.....	R. C. of A.
Vinton County.....	KORQ	300,600	PG-X	do.....	I. W. T. Co.
Virginia.....	KUV	300,450,600	PG-X	Texas Co.....	Do.
Virginia Bridge.....	KUCF	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Virginian.....	WKV	300,600	PG-X	American-Italian S. S. Co.....	Owner of vessel.
Vittorio Emmanuele III.	KDJF	300,600	PG-X	U. S. S. B.....	R. C. of A.
Vizcaya.....	WSQ	300,600			
Volant.....	KDON	300,600	PG-X	Davidson Chemical Co.....	Do.
Volunteer.....	WFAO	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Von Steuben.....	KOXP	300,600	PG-X	do.....	Do.
Waban.....	KJT	300,450,600	PG-X	do.....	Do.
Wabash.....	WNC	300,600	PG-X	French-American Line.....	R. C. of A.
Wachusett.....	WJL	300,600	PG-X	U. S. S. B.....	Do.
Waco.....	KIRP	300,600	PG-X	do.....	Do.
Wacosta.....	KDLM	300,450,600,	PG-X	do.....	S. O. R. S.
		1800			
Wahkeena.....	WMS	300,600	PG-X	Wahkeena S. S. Co.....	R. C. of A.
Wakulla.....	KRUO	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Walden.....	KIGG	300,600	PG-X	do.....	R. C. of A.
Wallingford.....	KEPV	300,476,600	PG-X	do.....	Do.
Walkill.....	KIPD	300,600	PG-X	do.....	Do.
Wallowa.....	KQAI	300,600	PG-X	do.....	S. O. R. S.
Wallula.....	WPY	300,450,600	PG-X	Port of Portland, Oreg.....	Do.
Walter A. Luckenbach.	KJIE	300,600	PG-N	Luckenbach S. S. Co.....	Do.
Walter D. Munson.	KVJ	300,450,600	PG-X	Munson S. S. Co.....	R. C. of A.
Walter D. Noyes.....	KDY	300,600	PG-X	Crowell & Thurlow S. S. Co.....	Do.
Walter Hardcastle.....	KQB	300,600	PG-X	Sinclair Gulf Corporation Co.....	Do.
Walter Jennings.....	KDPL	300,450,600	PG-X	Standard Oil Co. of N. J.....	Do.
Wampum.....	KROI	300,450,600	PG-X	U. S. S. B.....	I. W. T. Co.
Wana.....	KYX	300,600	P-X	George C. Sherman.....	Owner of vessel.
Wapama.....	WMG	300,600	PG-N	Wapama S. S. Co.....	R. C. of A.
Warbler.....	KDKR	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Ward.....	KDQB	300,600	PG-X	do.....	I. W. T. Co.
Warszawa.....	WLM	300,600	PG-N	Polish-American Nav. Corp.....	Owner of vessel.
Warwick.....	KESX	300,600	PG-X	U. S. S. B.....	Do.
Washtenaw.....	WPOO	300,600	PG-X	Union Oil S. S. Co.....	F. T. Co.
Wassaic.....	KROO	300,600	PG-X	U. S. S. B.....	Do.
Watauga.....	WQT	300,600	PG-X	do.....	R. C. of A.
Waterbury.....	KUFT	300,450,600	PG-X	do.....	I. W. T. Co.
Watertown.....	KING	300,600	PG-X	do.....	Do.
Wathena.....	WDIE	300,600	PG-X	do.....	S. O. R. S.
Watowat.....	WDII	300,600	PG-X	do.....	Do.
Waubesa.....	WGOO	300,450,600	PG-X	do.....	Do.
Wauconda.....	WREE	300,600	PG-X	do.....	Do.
Waukau.....	KIDV	300,600	PG-N	do.....	I. W. T. Co.
Waukegan.....	KIDX	300,600	PG-X	do.....	S. O. R. S.
Waukesha.....	KKEO	300,450,600	PG-X	do.....	I. W. T. Co.
Wauwatosa.....	KUCK	300,450,600	PG-X	do.....	S. O. R. S.
Wawalona.....	KEXM	300,600	PG-X	do.....	I. W. T. Co.
Waxahatchie.....	KILM	300,600	PG-X	do.....	R. C. of A.
W. B. Keene.....	KWK	300,600	PG-X	Savannah-New York Tran. Co.....	Do.
W. C. Teagle.....	KTY	300,450,600	PG-X	Standard Oil Co. of N. J.....	Do.
Wekiva.....	KIXX	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Wellington.....	KMR	300,450,600	PG-X	Henry W. Cook.....	R. C. of A.
Wenatchee.....	KDOT	300,450,600,	PG-N	U. S. S. B.....	S. O. R. S.
		1800			
West Alcoz.....	KIDD	300,600	PG-X	do.....	I. W. T. Co.
West Alsek.....	KJUO	300,600	PG-N	do.....	Do.
West Amargosa.....	KEJS	300,600	PG-X	do.....	Do.
West Auburn.....	KJUJ	300,600	PG-N	do.....	S. O. R. S.
West Arrow.....	WKS	300,600	PG-X	do.....	Do.
West Ashawa.....	KFH	300,600	PG-X	do.....	Do.
West Avenal.....	KENG	300,450,600	PG-X	do.....	I. W. T. Co.
Westboro.....	KDJH	300,450,600	PG-X	do.....	R. C. of A.
West Bridge.....	KJOO	300,600	PG-X	do.....	S. O. R. S.
Westbrook.....	WLI	300,600	PG-X	do.....	Do.
West Cactus.....	KIVV	300,600	PG-X	do.....	Do.
West Caddoa.....	KODF	300,600	PG-X	do.....	I. W. T. Co.
West Cadron.....	KUDK	300,600	PG-X	do.....	Do.
West Cahokia.....	KUPJ	300,450,600	PG-X	do.....	Do.
West Cajoot.....	KEXX	300,476,600	PG-X	do.....	Do.
West Calera.....	KUMM	300,450,600	PG-X	do.....	Do.
West Calumb.....	KILT	300,600	PG-X	do.....	Do.



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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
West Camak.....	KUST	300,450,600	PG-X	U. S. S. B.....	R. C. of A.
West Camargo.....	KDBL	300,450,600	PG-X	do.....	Do.
West Campgaw.....	KUFR	300,450,600	PG-X	do.....	S. O. R. S.
West Canon.....	KDCV	300,600	PG-X	do.....	Do.
West Cape.....	WXEO	300,600	PG-N	do.....	I. W. T. Co.
West Carmona.....	KDFW	300,600	PG-X	do.....	S. O. R. S.
West Carnifax.....	KEFC	300,450,600	PG-X	do.....	R. C. of A.
West Caruth.....	KESJ	300,600	PG-N	do.....	I. W. T. Co.
West Catanace.....	KEE	300,600	PG-N	Elder Steel S. S. Co.....	S. O. R. S.
West Cavanal.....	KIFD	300,600	PG-X	Imperial Shipping Corp.....	R. C. of A.
West Cawthon.....	KILZ	300,600	PG-N	do.....	Do.
West Cayote.....	KIRF	300,600	PG-N	U. S. S. B.....	Do.
West Celeron.....	KKJ	300,600	PG-X	do.....	I. W. T. Co.
West Celina.....	KEZR	300,450,600	PG-X	do.....	R. C. of A.
West Chatala.....	KIPJ	300,600	PG-N	do.....	S. O. R. S.
West Cherow.....	KJM	300,600	PG-X	do.....	Do.
Westchester.....	WCL	300,475,600	PG-X	do.....	Do.
West Cheswald.....	KIXB	300,600	PG-X	do.....	R. C. of A.
West Chetac.....	KIMG	300,600	PG-N	do.....	I. W. T. Co.
West Coast.....	KRAA	300,600	PG-N	do.....	S. O. R. S.
West Cobalt.....	KEKD	300,600	PG-N	do.....	Do.
West Cobas.....	NKAE	300,600	PG-X	do.....	R. C. of A.
West Compo.....	KENJ	300,600	PG-X	do.....	S. O. R. S.
West Conob.....	KIFP	300,475,600	PG-X	do.....	Do.
West Corum.....	KEVD	300,600	PG-X	do.....	Do.
West Cressy.....	WGOU	300,600	PG-N	do.....	I. W. T. Co.
West Cusseta.....	KDII	300,600	PG-X	do.....	S. O. R. S.
West Durfee.....	KJAI	300,375,600	PG-X	do.....	Do.
West Eagle.....	WQZ	300,600	PG-N	do.....	Do.
West Ekonk.....	KQIU	300,600	PG-X	do.....	I. W. T. Co.
West Elcajon.....	KELK	300,450,600	PG-X	do.....	Do.
West Elcasco.....	WJOA	300,600	PG-N	do.....	S. O. R. S.
West Eldara.....	WJOE	300,600	PG-N	do.....	I. W. T. Co.
Western Ally.....	KEJF	300,600	PG-N	do.....	Do.
Western Belle.....	WKUI	300,600	PG-N	do.....	S. O. R. S.
Western Chief.....	KNAO	300,420,600	PG-X	do.....	Do.
Western City.....	KNAI	300,600	PG-X	do.....	I. W. T. Co.
Western Comet.....	WXEI	300,600	PG-N	do.....	S. O. R. S.
Western Cross.....	KTEE	300,600	PG-N	do.....	R. C. of A.
Westerner.....	KIK	300,600	PG-X	do.....	Do.
Western Front.....	WJQ	300,450,600	PG-X	do.....	S. O. R. S.
Western Glen.....	KEDR	300,375,600	PG-N	do.....	I. W. T. Co.
Western Hero.....	KIU	300,450,600	PG-X	do.....	S. O. R. S.
Western Hope.....	WFIA	300,600	PG-X	do.....	R. C. of A.
Western King.....	WEP	300,500	PG-X	do.....	Do.
Western Knight.....	KEFQ	300,600	PG-X	do.....	S. O. R. S.
Western Light.....	KQOI	300,600	PG-X	do.....	Do.
Western Maid.....	KQOO	300,450,600	PG-N	do.....	R. C. of A.
Western Ocean.....	KJEA	300,600	PG-N	do.....	S. O. R. S.
Western Plains.....	WZIU	300,450,600	PG-N	do.....	Do.
Western Pride.....	WGP	300,600	PG-X	do.....	I. W. T. Co.
Western Queen.....	WWK	300,600	PG-X	do.....	R. C. of A.
Western Scout.....	WXEA	300,600	PG-N	do.....	I. W. T. Co.
Western Sea.....	KNAA	300,600	PG-X	do.....	Do.
Western Spirit.....	KNEA	300,600	PG-X	do.....	Do.
Western Star.....	WEU	300,600	PG-X	do.....	Do.
Western States.....	WED	300,440,500, 600	PG-N	Detroit & Cleveland Navigation Co.	R. C. of A.
Western Wave.....	WWC	300,600	PG-X	U. S. S. B.....	S. O. R. S.
West Erral.....	KERJ	300,600	PG-N	do.....	R. C. of A.
West Faralon.....	KDSX	300,600	PG-X	do.....	Do.
Westfield.....	KXU	300,600	PG-X	do.....	Do.
Westford.....	KNAU	300,600	PG-X	do.....	I. W. T. Co.
West Galeta.....	WFAE	300,600	PG-X	do.....	S. O. R. S.
West Galoc.....	KVEI	300,600	PG-X	do.....	I. W. T. Co.
West Gambo.....	KQUU	300,600	PG-N	do.....	Do.
West Gotomska.....	WET	300,600	PG-N	do.....	S. O. R. S.
West Grama.....	WGIA	300,600	PG-N	do.....	R. C. of A.
West Grove.....	KJAU	300,450,600	PG-X	do.....	Do.
Westhampton.....	WSP	300,375,600	PG-X	do.....	Do.
West Hareuvar.....	KEZM	300,600	PG-X	do.....	S. O. R. S.
West Hardaway.....	KEDX	300,600	PG-X	do.....	I. W. T. Co.
West Hargrave.....	KEDZ	300,600	PG-X	do.....	S. O. R. S.
West Harlan.....	KEFX	300,600	PG-X	do.....	I. W. T. Co.
West Harshaw.....	KEFX	300,450,600	PG-X	do.....	S. O. R. S.
West Hartland.....	KEGS	300,450,600	PG-X	do.....	I. W. T. Co.
West Hartley.....	KEGT	300,600	PG-X	do.....	S. O. R. S.
West Harts.....	KEFZ	300,600	PG-X	do.....	Do.
West Hassayampa.....	KEGX	300,600	PG-X	do.....	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
West Haven.....	KJV	300,450,525, 600	PG-X	U. S. S. B.....	S. O. R. S.
West Helix.....	WSUA	300,600	PG-X	do.....	Do.
West Hematite.....	KEZP	300,600	PG-N	do.....	I. W. T. Co.
West Hembrie.....	KEZN	300,600	PG-N	do.....	R. C. of A.
West Henshaw.....	KEBQ	300,476,600	PG-X	do.....	S. O. R. S.
West Hepburn.....	KINP	300,600	PG-X	do.....	Do.
West Hesselatine.....	KOTN	300,600	PG-X	do.....	Do.
West Hika.....	KOZK	300,600	PG-X	do.....	I. W. T. Co.
West Himrod.....	KUDQ	300,600	PG-X	do.....	S. O. R. S.
West Hixton.....	KUKV	300,600	PG-X	do.....	I. W. T. Co.
West Hobomac.....	WFAI	300,600	PG-X	do.....	S. O. R. S.
West Holbrook.....	KUXB	300,450,600	PG-X	do.....	I. W. T. Co.
West Honaker.....	KDFX	300,600	PG-X	do.....	S. O. R. S.
West Hosokie.....	WFEI	300,600	PG-N	do.....	Do.
West Humhaw.....	WZAE	300,600	PG-N	do.....	R. C. of A.
West Imboden.....	KECX	300,600	PG-X	do.....	Do.
West Indian.....	KJAE	300,600	PG-X	do.....	Do.
West Inskip.....	KITZ	300,600	PG-X	do.....	Do.
West Ira.....	KOGL	300,476,600	PG-X	do.....	Do.
West Irmo.....	KIFB	300,600	PG-X	Imperial Shipping Corp.....	Do.
West Islay.....	EICP	300,600	PG-X	do.....	Do.
West Isleta.....	KICQ	300,600	PG-X	do.....	Do.
West Islip.....	KIKY	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
West Ison.....	KINN	300,600	PG-X	do.....	R. C. of A.
West Ivan.....	KOZS	300,600	PG-X	do.....	Do.
West Ivis.....	KOQQ	300,600	PG-X	do.....	I. W. T. Co.
West Jaffrey.....	KOCK	300,450,600	PG-X	do.....	R. C. of A.
West Jappa.....	KUKJ	300,450,600	PG-X	do.....	I. W. T. Co.
West Jena.....	KOTG	300,450,600	PG-X	do.....	Do.
West Jessup.....	KOXS	300,450,600	PG-X	do.....	R. C. of A.
West Jester.....	KUDG	300,600	PG-X	do.....	I. W. T. Co.
West Kader.....	KOSL	300,600	PG-X	do.....	S. O. R. S.
West Kasson.....	KIKM	300,600	PG-X	do.....	Do.
West Katan.....	KOBK	300,450,600	PG-X	do.....	Do.
West Keats.....	KUQK	300,450,600	PG-X	do.....	Do.
West Kebar.....	KDAN	300,600	PG-N	do.....	Do.
West Kedron.....	KDAP	300,450,600	PG-X	do.....	R. C. of A.
West Keene.....	KISK	300,000	PG-X	do.....	Do.
West Kyska.....	WJOU	300,600	PG-X	do.....	Do.
Westlake.....	WTH	300,600	PG-N	do.....	S. O. R. S.
Westland.....	KDOY	300,450,600	PG-X	Tri-State S. S. Co.....	R. C. of A.
Westland.....	KJX	300,450,600	PG-X	U. S. S. B.....	S. O. R. S.
West Lasbaway.....	WREA	300,600	PG-N	do.....	Do.
West Newark.....	KDSN	300,600	PG-X	do.....	Do.
West Lianga.....	KJAO	300,376,600	PG-X	do.....	I. W. T. Co.
West Loquassuck.....	WJOI	300,600	PG-X	do.....	S. O. R. S.
West Madaket.....	WJOO	300,600	PG-N	do.....	I. W. T. Co.
West Mahomet.....	WTUU	300,600	PG-N	do.....	S. O. R. S.
West Mahwah.....	KUTC	300,450,600	PG-X	do.....	I. W. T. Co.
West Maximums.....	KEDQ	300,600	PG-X	do.....	Do.
Westmead.....	WDIO	300,600	PG-X	do.....	Do.
West Mingo.....	KORB	300,600	PG-X	do.....	Do.
West Modus.....	KENK	300,600	PG-X	do.....	Do.
West Montop.....	KOTR	300,600	PG-X	do.....	S. O. R. S.
Westmoreland.....	KIQC	300,600	PG-N	do.....	I. W. T. Co.
Westmount.....	KDJG	300,600	PG-X	do.....	R. C. of A.
West Munham.....	KEXF	300,600	PG-X	do.....	Do.
West Neris.....	KOTK	300,600	PG-X	do.....	I. W. T. Co.
West Niger.....	KOZJ	300,476,600	PG-X	do.....	Do.
West Nilus.....	KUFJ	300,450,600	PG-X	do.....	R. C. of A.
West Nivaria.....	KUQJ	300,450,600	PG-X	do.....	S. O. R. S.
West Nobno.....	KEXG	300,600	PG-N	do.....	I. W. T. Co.
West Nomentum.....	KUSG	300,600	PG-X	do.....	R. C. of A.
West Norranus.....	KUVZ	300,600	PG-X	do.....	I. W. T. Co.
West Nosska.....	KEDV	300,600	PG-X	do.....	R. C. of A.
West Notus.....	KDAM	300,600	PG-X	do.....	S. O. R. S.
Westoil.....	KIVP	300,600	PG-X	Edward P. Farley Co.....	R. C. of A.
West O'Rowa.....	KDQI	300,600	PG-X	U. S. S. B.....	Do.
West Pocasset.....	KOCK	300,600	PG-X	do.....	S. O. R. S.
West Point.....	KJY	300,450,600	PG-N	Neptune Line.....	R. C. of A.
Westpool.....	WROA	300,450,600	PG-N	U. S. S. B.....	Do.
Westport.....	WFOE	300,450,600	PG-X	do.....	Do.
West Quechee.....	KEDT	300,600	PG-X	do.....	Do.
West Raritans.....	KIXC	300,600	PG-X	do.....	Do.
West Saginaw.....	KOCV	300,600	PG-X	do.....	Do.
West Segovia.....	KIPK	300,600	PG-X	do.....	S. O. R. S.
West Selene.....	KIXZ	300,600	PG-X	do.....	I. W. T. Co.
West Sequana.....	WSOI	300,450,600	PG-X	do.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
West Shore.....	WMD	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
West Tacook.....	KECR	300, 600	PG-X	do.....	I. W. T. Co.
West Togus.....	KEKJ	300, 600	PG-X	do.....	S. O. R. S.
West Totant.....	KEKX	300, 600	PG-X	do.....	I. W. T. Co.
West Vaca.....	KEMX	300, 600	PG-X	do.....	R. C. of A.
West View.....	WDIU	300, 600	PG-N	do.....	S. O. R. S.
Westward Ho.....	WKX	300, 600	PG-X	do.....	R. C. of A.
West Watna.....	WSUE	300, 450, 600	PG-X	do.....	S. O. R. S.
West Wauneke.....	WSUI	300, 600	PG-X	do.....	I. W. T. Co.
Westwego.....	KQE	300, 450, 600	PG-X	Union Petroleum S. S. Co.....	R. C. of A.
West Wind.....	KJH	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Westwood.....	WTF	300, 450, 600	PG-N	do.....	Do.
West Zeda.....	WKUU	300, 600	PG-X	do.....	I. W. T. Co.
West Zucker.....	WJIA	300, 600	PG-X	do.....	S. O. R. S.
West Zula.....	WQEO	300, 600	PG-X	do.....	I. W. T. Co.
W. F. Burrows.....	WHG	300, 450, 550, 600	PG-X	Libby, McNeill & Libby.....	S. O. R. S.
W. F. White.....	WGC	300, 600	PG-X	Limestone Transportation Co.....	R. C. of A.
Wheatland Montana.	KISF	300, 600	PG-X	U. S. S. B.....	Do.
Wheaton.....	WMUA	300, 600	PG-N	do.....	Do.
Wheeling Mold.....	KUNM	300, 450, 600	PG-X	do.....	I. W. T. Co.
Whitemarsh.....	KOMG	300, 600	P-X	E. W. Marland.....	Owner of vessel.
Whittier.....	WHT	300, 600, 1800	PG-X	T. A. Hays.....	F. T. Co.
W. H. Libby.....	KDMP	300, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
W. H. McGean.....	WMIO	300, 600	PG-X	Stadacona S. S. Co.....	Do.
W. H. Tilford.....	KPD	300, 600	PG-X	Standard Oil Co. of N. J.....	Do.
Wicasta.....	KIJG	300, 600	PG-X	U. S. S. B.....	Do.
Wichita.....	KDMU	300, 600	PG-X	do.....	I. W. T. Co.
Wico.....	KNN	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Wildwood.....	KORV	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Wilhelmina.....	WMO	300, 450, 600	PG-N	Matson Navigation Co.....	R. C. of A.
Willamette.....	WSW	300, 600	PG-N	Willamette S. S. Co.....	Do.
Willett.....	KDKS	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Willfaro.....	KITX	300, 600	PG-X	Williams S. S. Co.....	R. C. of A.
Willhilo.....	KUGV	500, 450, 600	PG-X	U. S. S. B.....	Do.
Willsole.....	KUDL	300, 600	PG-X	do.....	Do.
William A. McKenney.	WOM	300, 600	PG-X	Crowell & Thurlow S. S. Co.....	Do.
William A. Reiss.....	WNI	300, 600	PG-X	Reiss S. S. Co.....	Do.
William A. Whitney.	KUSS	300, 600	PG-X	Whitney Bros. Co.....	Do.
William B. Livingston.	KDAQ	300, 600	PG-X	Montreal Transit Co.....	Do.
William G. Mather.....	KKUI	300, 450, 600	PG-X	Cleveland Cliffs Iron Co.....	Do.
William Green.....	WIY	300, 450, 600	PG-X	Pan-Amer. Petro. & Tr. Co.....	Do.
William H. Doheny.....	KDKG	300, 450, 600	PG-X	do.....	Do.
William H. Webb.....	KOZV	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
William Isom.....	KVY	300, 450, 600	PG-X	American-Italian S. S. Co.....	R. C. of A.
William M. Mills.....	KEJT	300, 600	PG-X	William M. Mills.....	Owner of vessel.
William N. Page.....	WFOO	300, 450, 600	PG-X	Castner, Curran & Bullitt.....	R. C. of A.
William Penn.....	KMGV	300, 600	PG-X	U. S. S. B.....	Do.
Willmantic.....	KMIO	300, 600	PG-N	do.....	S. O. R. S.
Willpalo.....	KOBM	300, 600	PG-X	Williams S. S. Co.....	R. C. of A.
Willsox.....	WPO	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Windber.....	WND	300, 450, 600	PG-N	Pacific-American Fisheries.....	R. C. of A.
Winding Gulf.....	WFEF	300, 600	PG-X	Castner, Curran & Bullitt.....	Do.
Winfred.....	KTE	300, 600	PG-X	Gulf Refining Co.....	I. W. T. Co.
Winnabego.....	KTEI	300, 450, 525, 600	PG-X	American Transatlantic Co.....	Owner of vessel.
Winneconne.....	KDPY	300, 600	PG-X	Winneconne S. S. Corp.....	Do.
Winona.....	KUNV	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Winona County.....	KIZR	300, 600	PG-N	do.....	Do.
Winston-Salem.....	KUJS	300, 600	PG-X	do.....	S. O. R. S.
Wlnyah.....	KIMM	300, 450, 600	PG-X	do.....	Do.
Wisconsin Bridge.....	KITB	300, 600	PG-X	American S. S. Corp.....	R. C. of A.
Wisdom II.....	KDNM	300, 600	PG-X	E. A. Salisbury.....	Owner of vessel.
Wishkah.....	KNEU	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Wisla.....	KOTP	300, 450, 600	PG-X	Polish-American Nav. Corp.....	R. C. of A.
W. J. Hanna.....	KDKX	300, 600	PG-X	Standard Oil Co. of N. J.....	Do.
W. L. Steed.....	WSEE	300, 450, 600	PG-X	U. S. S. B.....	Do.
W. M. Boyce Thompson.	KDHS	300, 600	PG-X	do.....	Do.
W. M. Burton.....	KMIU	300, 600	PG-X	Atlantic Refining Co.....	Do.
W. M. F. Herrin.....	KMIU	300, 600, 1800	PG-X	Associated Oil Co.....	F. T. Co.
W. M. G. Warden.....	KNF	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
W. M. Irish.....	KJOE	300, 600	PG-X	Atlantic Refining Co.....	Do.
W. M. Tupper.....	WJR	300, 600	PG-X	Gulf & Southern S. S. Co.....	Do.
Wolverine State.....	KDMQ	300, 450, 600	PG-N	U. S. S. B.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Woodmansie.....	KIPF	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Woonsocket.....	WCW	300, 450, 600	PG-X	do.....	R. C. of A.
Worcester.....	KIKL	300, 600	PG-X	do.....	S. O. R. S.
Wotan.....	KDGE	300, 600	PG-X	do.....	do.
W. S. Miller.....	KDMR	300, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
W. S. Porter.....	WTM	300, 600, 1,800	PG-X	Associated Oil Co.....	F. T. Co.
Wyandotte.....	WCO	300, 600	PG-X	Wyandotte Transp. Co.....	R. C. of A.
Wyandotte.....	WJW	300, 450, 600	PG-X	U. S. S. B.....	S. O. R. S.
Wynooche.....	KFE	300, 600	PG-X	do.....	R. C. of A.
Wytheville.....	KITL	300, 450, 600	PG-N	do.....	Do.
Yadkin.....	KWL	300, 600	PG-X	do.....	Do.
Yaka.....	KDDF	300, 450, 600	PG-X	do.....	I. W. T. Co.
Yaklok.....	KIGX	300, 450, 600	PG-X	do.....	Do.
Yale.....	WRY	300, 600	PG-N	Harvard-Yale Syndicate.....	F. T. Co.
Yalza.....	KDJK	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Yamhill.....	WVIE	300, 600	PG-N	do.....	I. W. T. Co.
Yankee Arrow.....	KDTG	300, 600	PG-X	Standard Transportation Co.....	do.
Yapalaga.....	KDHK	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
Yaquina.....	KENF	300, 450, 600	PG-N	do.....	I. W. T. Co.
Yesoking.....	KERQ	300, 600	PG-X	do.....	S. O. R. S.
Yomachichi.....	WPAI	300, 600	PG-X	do.....	Do.
York Harbor.....	KOJB	300, 600	PG-X	do.....	I. W. T. Co.
Yosemite.....	KYS	300, 476, 600	PG-X	do.....	R. C. of A.
Yorba Linda.....	KDNS	300, 600	PG-X	General Petroleum Corp.....	I. W. T. Co.
Youngstown.....	KIFX	300, 600	PG-N	U. S. S. B.....	S. O. R. S.
Yucatan.....	WLG	300, 450, 600	PG-N	N. Y. & Cuba Mail S. S. Co.....	I. W. T. Co.
Yuca.....	KWJ	300, 600	PG-X	U. S. S. B.....	S. O. R. S.
Yukon.....	WXEU	300, 600	PG-N	do.....	R. C. of A.
Yuma.....	WJAI	300, 600	PG-X	Tropical Fruit Co.....	I. W. T. Co.
Zacapa.....	KLE	300, 450, 600	PG-N	United Fruit Co.....	T. R. T. Co.
Zapora.....	WPQ	300, 600	PG-X	Booth Fisheries Co.....	S. O. R. S.
Zarembo.....	KICS	300, 600	PG-X	Nacirema S. S. Corp.....	I. W. T. Co.
Zayalla.....	KEVC	300, 450, 600	PG-X	do.....	do.
Zirkel.....	WREO	300, 600	PG-X	U. S. S. B.....	Do.
Zulia.....	KDZ	300, 450, 600	PG-N	Atlantic & Caribbean Nav. Co.....	R. C. of A.

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

Call signal.	Station.	Call signal.	Station.		
KDA	Philadelphia.....	b	KDCX	Steel Engineer.....	b
KDAB	Hog Island, Pa.....	c	KDCY	Elmac.....	b
KDAC	Sinasta.....	b	KDCZ	Mount Veronon.....	b
KDAD	Agwiston.....	b	KDD	Cartago.....	b
KDAF	Peconic.....	b	KDDA	Red Hook.....	b
KDAG	M. M. Davis.....	b	KDDB	I. C. White.....	b
KDAH	Fairport, Va.....	c	KDDC	Algic.....	b
KDAK	Van Camp No. 11.....	b	KDDE	Lorraine Cross.....	b
KDAL	Broxton.....	b	KDDF	Yaka.....	b
KDAM	West Notus.....	b	KDDG	Theodore F. Reynolds.....	b
KDAN	West Kebar.....	b	KDDH	Sumanco.....	b
KDAP	West Kedron.....	b	KDDI	Sutermco.....	b
KDAQ	William B. Livingstone.....	b	KDDJ	John English.....	b
KDAR	Panhandle State.....	b	KDDK	Carlton.....	b
KDAS	Siskiyou.....	b	KDDL	Hastings.....	b
KDAT	Pomona.....	b	KDDM	Carenco.....	b
KDAV	Dartford.....	b	KDDN	Steel Exporter.....	b
KDAW	City of Fort Worth.....	b	KDDO	Suduffco.....	b
KDAX	Antinous.....	b	KDDP	Surico.....	b
KDAY	Tolosa.....	b	KDDQ	Susherico.....	b
KDAZ	Eastern Exporter.....	b	KDDR	Halsey.....	b
KDB	Caracas.....	b	KDDS	Stockton.....	b
KDBA	Depere.....	b	KDDT	Derblay.....	b
KDBB	Topa Topa.....	b	KDDU	Heber.....	b
KDBC	Agwimoon.....	b	KDDV	Culberson.....	b
KDBD	Gold Star.....	b	KDDW	Bayspring.....	b
KDBF	Eagle.....	b	KDDX	Bayside.....	b
KDBG	Edris.....	b	KDDY	Santa Eulalia.....	b
KDBH	Forest King.....	b	KDDZ	Cassimir.....	b
KDBI	Trinity.....	b	KDE	Carrillo.....	b
KDBJ	Steel Worker.....	b	KDEA	Lake Fernwood.....	b
KDBK	Maude F.....	b	KDEB	Gulfstar.....	b
KDBL	West Camargo.....	b	KDEC	Syros.....	b
KDBM	Meton.....	b	KDED	Eastern Soldier.....	b
KDBN	Cananova.....	b	KDEM	Baytown.....	b
KDBO	Snoqualmie.....	b	KDEN	Dearborn, Mich.....	c
KDBP	Chester Kiwanis.....	b	KDEP	Northville, Mich.....	c
KDBQ	Sutorpco.....	b	KDEQ	Hoboken.....	b
KDBR	Sunewco.....	b	KDER	Carrabulle.....	b
KDBS	Suralco.....	b	KDES	Carplaka.....	b
KDBT	Durango.....	b	KDET	Geo. L. Harvey.....	b
KDBU	Haymon.....	b	KDEV	Gladysbe.....	b
KDBV	Santa Isabel.....	b	KDEFW	Philip Publicker.....	b
KDBW	Sawokla.....	b	KDEX	Cody.....	b
KDBX	Mount Clay.....	b	KDEY	Suduroco.....	b
KDBY	Eastern Importer.....	b	KDGA	Hera.....	b
KDBZ	Apus.....	b	KDGB	Niobe.....	b
KDCA	Hybert.....	b	KDGC	Pawnee.....	b
KDCB	Sapulpa.....	b	KDGD	Loki.....	b
KDCD	James Otis.....	b	KDGE	Wotan.....	b
KDCE	Mobile City.....	b	KDEZ	Eastern Temple.....	b
KDCF	Rotarian.....	b	KDF	Coppename.....	b
KDCG	Independence Hall.....	b	KDFA	Hyder, Alaska.....	c
KDCH	Pachet.....	b	KDFB	New Orleans.....	b
KDCI	Hudson.....	b	KDFC	Potter.....	b
KDCJ	Egerla.....	b	KDFD	Gateway City.....	b
KDCK	Delivery No. 5.....	b	KDFE	Provincetown.....	b
KDCL	George Washington.....	b	KDFF	Castana.....	b
KDCM	Golden State.....	b	KDFG	Catahoulia.....	b
KDCN	Atlanta of Texas.....	b	KDFH	Tomalva.....	b
KDCO	Houston.....	b	KDFI	Sulanero.....	b
KDCP	Halo.....	b	KDFJ	Sudawsonco.....	b
KDCQ	Mosella.....	b	KDFK	Suscolanco.....	b
KDCR	Haynie.....	b	KDFM	Manatawny.....	b
KDCS	Hollywood.....	b	KDFN	Griffo.....	b
KDCT	Palo Alto.....	b	KDFO	Cantigny.....	b
KDCU	Mevania.....	b	KDFP	Glenora.....	b
KDCV	West Canon.....	b	KDFQ	Halway.....	b
KDCW	Jalapa.....	b	KDFR	Hannawa.....	b

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

Call signal.	Station.	Call signal.	Station.
KDFS	Janelaw.....b	KDJI	Chetopa.....b
KDFT	Mursa.....b	KDJJ	Nipsic.....b
KDFU	Jeptha.....b	KDKJ	Yalza.....b
KDFV	Lavada.....b	KDJL	Steel Inventor.....b
KDFW	West Carmona.....b	KDJM	Storm King.....b
KDFX	West Honaker.....b	KDJN	Cambrai.....b
KDFY	Winneconne.....b	KDJO	Onaida.....b
KDFZ	East Hampton.....b	KDJP	Klowa.....b
KDG	Parismina.....b	KDJQ	Cayuga.....b
KDGK	Bayou Chico.....b	KDJR	Onondaga.....b
KDGL	Steel Ranger.....b	KDJS	Chippewa.....b
KDGM	John Stevens.....b	KDJT	Daly, Alaska.....c
KDGN	Donna Lane.....b	KDJU	Warren, Alaska.....c
KDGO	Clement Smith.....b	KDJV	Joseph Seep.....b
KDGP	Muskegon.....b	KDJW	Seneca.....b
KDGG	Elisha Walker.....b	KDJX	Romagne.....b
KDGR	Lake Gano.....b	KDJY	Natchez.....b
KDGS	City of Rayville.....b	KDJZ	Montgomery City.....b
KDGT	Tulsa, Okla.....c	KDK	Atenas.....b
KDGU	Quincy, Mass.....c	KDKA	East Pittsburgh, Pa.....c
KDGV	William Penn.....b	KDKB	Eastern Sword.....b
KDGW	China Arrow.....b	KDKC	Hopatcong.....b
KDGX	Bonnie Brook.....b	KDKD	Emergency Aid.....b
KDGY	Kekoskee.....b	KDKE	Chateau Thierry.....b
KDGG	Nora.....b	KDKF	New York, N. Y.....c
KDH	Heredia.....b	KDKG	William H. Doheny.....b
KDHA	Suricho.....b	KDKH	Algonquin.....b
KDHB	Suremico.....b	KDKK	Minnekahda.....b
KDHC	Harvester.....b	KDKL	Camden.....b
KDHD	Edgar F. Conev.....b	KDKM	Natirar.....b
KDHF	Old North State.....b	KDKN	Dinsmore.....b
KDHG	Pagasset.....b	KDKO	Maracay.....b
KDHH	Charles H. Cramp.....b	KDKP	Lake Gatun.....b
KDHI	Intrepid.....b	KDKQ	Rodman Swift.....b
KDHJ	Bibhco.....b	KDKR	Warbler.....b
KDHK	Yapalaga.....b	KDKS	Willett.....b
KDHL	Argosy.....b	KDKT	El Estero.....b
KDHO	Japan Arrow.....b	KDKU	Dan F. Hanlon.....b
KDHP	India Arrow.....b	KDKW	Argonne.....b
KDHQ	Java Arrow.....b	KDKX	W. J. Hanna.....b
KDHR	J. Fletcher Farrell.....b	KDKY	Peacock.....b
KDHS	Wm. Royce Thompson.....b	KDKZ	Somme.....b
KDHT	Santa Veronica.....b	KDL	Levisa.....b
KDHU	Lilmae.....b	KDLA	Charlie Watson.....b
KDHW	Brush.....b	KDLB	Creole State.....b
KDHW	St. Mihiel.....b	KDLC	Pearldon.....b
KDHX	A. A. Daugherty.....b	KDLD	Suwarinco.....b
KDIY	Eastern Leader.....b	KDLE	Suwordenco.....b
KDHZ	Dawn.....b	KDLF	Sujameco.....b
KDI	Abangarez.....b	KDLG	Reaper.....b
KDIB	Rawlins, Wyo.....c	KDLH	Franklin K. Lane.....b
KDIC	Ferris Oil Field, Wyo.....c	KDLI	Chanmont.....b
KDID	Medon.....b	KDLJ	Artemis.....b
KDIF	Hanley.....b	KDLK	Cuba.....b
KDIG	Narbo.....b	KDLL	A. L. Kent.....b
KDIH	Narcissus.....b	KDLM	Wacosta.....b
KDIJ	Cuprum.....b	KDLN	Henry S. Grove.....b
KDIK	West Cussetta.....b	KDLO	Tuscaloosa City.....b
KDIL	Griifu.....b	KDLP	Malita, P. I.....c
KDIM	George E. Weed.....b	KDLQ	Culion, P. I.....c
KDIN	Colin H. Livingstone.....b	KDLR	San Francisco, P. I.....c
KDIP	Vaba.....b	KDLS	Sugillenco.....b
KDIQ	Cedarhurst.....b	KDLT	George Pierce.....b
KDIR	Lake Ontario.....b	KDLU	Blue Point.....b
KDIS	Lake Bridge.....b	KDLV	Marne.....b
KDIT	Lake Superior.....b	KDLW	Herman Frasch.....b
KDIV	Lakeshore.....b	KDLX	Mary Luckenbach.....b
KDIW	Lake Weir.....b	KDLY	Sugarland, Tex.....c
KDIX	Lakeview.....b	KDLZ	Galveston, Tex.....c
KDIY	Lake Dunmore.....b	KDM	Maracaibo.....b
KDIZ	Lake George.....b	KDMA	Eugene V. R. Thayer.....b
KDJ	San Jose.....b	KDMB	Agwisea.....b
KDJB	Fort George.....b	KDMC	Agwimars.....b
KDJC	Lakewood.....b	KDMD	Agwiworld.....b
KDJD	Lake Traverse.....b	KDME	Moffitt.....b
KDJE	Lake Stirling.....b	KDMF	Oureq.....b
KDJF	Vittorie Emmanuele III.....b	KDMG	Estrada Palma.....b
KDJG	Westmount.....b	KDMH	Memnon.....b
KDJH	Westboro.....b	KDMI	Namasket.....b

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

Call signal.	Station.	Call signal.	Station.		
KDMJ	Peralta.....	b	KDPR	Montebello.....	b
KDMK	Fort Worth, Tex.....	c	KDPS	Baytown, Tex.....	c
KDML	S. C. T. Dodd.....	b	KDPT	San Diego, Calif.....	c
KDMM	Nacata.....	b	KDPU	Cascada, Calif.....	c
KDMN	John Worthington.....	b	KDPV	Camp 60, Calif.....	c
KDMO	Muriel.....	b	KDPW	Camp 61, Calif.....	c
KDMP	W. H. Libby.....	b	KDPX	La Placencia.....	b
KDMQ	Wolverine State.....	b	KDPY	Fairfield City.....	b
KDMR	W. S. Miller.....	b	KDPZ	Gold Star.....	b
KDMS	Samuel L. Fuller.....	b	KDQ	Santore.....	b
KDMT	Joseph M. Cudahy.....	b	KDQB	Ward.....	b
KDMU	Wichita.....	b	KDQB	E. R. Kemp.....	b
KDMV	City of Elwood.....	b	KDQE	Galveston.....	b
KDMX	Port Lebak, P. I.....	b	KDQF	Jeff Davis.....	b
KDMY	P. J. Reilly.....	b	KDQG	Oldham.....	b
KDMZ	District of Columbia.....	b	KDQH	Meanticut.....	b
KDNA	El Isleo.....	b	KDQI	West O'Rowa.....	b
KDNB	Tours.....	b	KDQJ	Solana.....	b
KDNC	Aisne.....	b	KDQL	Sucubaco.....	b
KDND	Quinault.....	b	KDQM	Aladdin.....	b
KDNE	Naambok.....	b	KDQN	Fall River Valley, Calif.....	c
KDNF	Dewey.....	b	KDQO	San Francisco, Calif.....	c
KDNG	Swiftsure.....	b	KDQQ	Cigarette.....	b
KDNH	Sujerseyco.....	b	KDQR	Robert C. Sudden.....	b
KDNI	Sunewarkeo.....	b	KDQS	Carro-Ebano.....	b
KDNJ	Kingfisher.....	b	KDQT	Mount Carroll.....	b
KDNK	M. F. Elliott.....	b	KDQU	Sea Monarch.....	b
KDNL	Durham.....	b	KDQV	Swift Scout.....	b
KDNM	Wisdom II.....	b	KDQW	Cairo.....	b
KDNN	Agwilake.....	b	KDQX	St. Louis.....	b
KDNO	Gulfking.....	b	KDQY	Cerro-Azul.....	b
KDNP	City of Dalhart.....	b	KDQZ	Frank G. Drum.....	b
KDNQ	City of Brunswick.....	b	KDR	Limon.....	b
KDNR	Lake Miraflores.....	b	KDRA	Fearless.....	b
KDNS	Yorba Linda.....	b	KDRB	Gulf Prince.....	b
KDNT	Bakersfield, Calif.....	c	KDRC	Agwismith.....	b
KDNU	Fresno, Calif.....	c	KDRD	R. J. Hanna.....	b
KDNV	Hawkeye State.....	b	KDRE	K. R. Kingsbury.....	b
KDNW	El Lago.....	b	KDRF	Amuguls, P. I.....	c
KDNX	Sunugentco.....	b	KDRG	Vancolte.....	b
KDNY	Favorite.....	b	KDRH	Ruby (permanently moored scow).....	c
KDNZ	Gorgona.....	b	KDRI	Acropolis.....	b
KDO	Esparta.....	b	KDRJ	Selma City.....	b
KDOB	Ala.....	b	KDRK	Swiftteagle.....	b
KDOC	Cebu.....	b	KDRL	Centennial State.....	b
KDOD	Livingstone Roe.....	b	KDRM	Henry D. Whiton.....	b
KDOF	Bessemer City.....	b	KDRN	E. W. Sinclair.....	b
KDOH	Crampton Anderson.....	b	KDRO	San Francisco, Calif.....	c
KDOI	Consort.....	b	KDRP	Suphenco.....	b
KDOJ	Sea Lion.....	b	KDRQ	Manulan.....	b
KDOK	Albert E. Watts.....	b	KDRR	Delphine.....	b
KDOL	F. C. Latrobe.....	b	KDRS	Mindoro.....	b
KDOM	Annapolis.....	b	KDRT	Cuba.....	b
KDON	Volant.....	b	KDRU	Luzon.....	b
KDOP	Astrea.....	b	KDRV	Mount Clinton.....	b
KDOQ	Richmond.....	b	KDRW	Buckeye State.....	b
KDOR	Thomas H. Wheeler.....	b	KDRX	Agwihavre.....	b
KDOS	Swift Arrow.....	b	KDRY	Nixon Fork, Alaska.....	c
KDOT	Wenatchee.....	b	KDRZ	Tulsagas.....	b
KDOV	Stonewall.....	b	KDS	Sixaola.....	b
KDOW	America.....	b	KDSA	Swiftlight.....	b
KDOX	Pochontas.....	b	KDSB	E. T. Bedford.....	b
KDOY	Westland.....	b	KDSC	Vicksburg.....	b
KDOZ	Granite State.....	b	KDSD	Thomas Crowley.....	b
KDPA	Silver State.....	b	KDSE	Astra.....	b
KDPC	Suspearco.....	b	KDSF	Manukai.....	b
KDPD	Mauna Kea.....	b	KDSG	Anniston City.....	b
KDPE	Gargoyle.....	b	KDSH	Hambro.....	b
KDPF	Swiftstar.....	b	KDSI	Swift Wind.....	b
KDPG	Liebre.....	b	KDSJ	Undaunted.....	b
KDPH	Detroit, Mich.....	c	KDSK	Gloria West.....	b
KDPI	Superior, Mich.....	c	KDSL	Keystone State.....	b
KDPJ	Port Huron, Mich.....	c	KDSM	Nashaba.....	b
KDPK	Franklin.....	b	KDSN	West Newark.....	b
KDPL	Walter Jennings.....	b	KDSO	Lio.....	b
KDPM	Cleveland, Ohio.....	c	KDSP	Dixiano.....	b
KDPN	Arden.....	b	KDSQ	Sea Ranger.....	b
KDPO	Agwistone.....	ff	KDSR	Agwibay.....	b
KDPP	Kennecott.....	b	KDSS	Puente.....	b
KDPQ	Tuxpanoil.....	b	KDST	Tecomate.....	b

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

Call signal.	Station.	Call signal.	Station.
KDSU	Toteco.....b	KEGG	Chamblee.....b
KDSV	Empire State.....b	KEGJ	Chaparel.....b
KDSW	Atlanta City.....b	KEGK	Chantier.....b
KDSX	West Faralon.....b	KEGL	Lake Foxcraft.....b
KDSY	Sea Scout.....b	KEGM	Dirigo.....b
KDSZ	Illinois.....b	KEGN	Lake Frolono.....b
KDT	Turrialba.....b	KEGP	Lake Frugality.....b
KDTA	Liberator.....b	KEGQ	Saluda.....b
KDTB	Bohemian Club.....b	KEGR	Lake Frohna.....b
KDTC	Blue Hen State.....b	KEGS	West Hartland.....b
KDTD	David McKelvy.....b	KEGT	West Hartley.....b
KDTE	Playa.....b	KEGX	West Hassayampa.....b
KDTF	Betty R.....b	KEH	Nucees.....b
KDTG	Yankee Arrow.....b	KEI	Medina.....b
KDTH	"323".....b	KEJ	Alamo.....b
KDTI	Nourmahal.....b	KEJD	Easterling.....b
KDTJ	Hammac.....b	KEJF	Western Ally.....b
KDV	Libby Maine.....b	KEJG	Lake Fraichur.....b
KDW	Nakat Inlet, Alaska.....c	KEJJ	Lake Fraily.....b
KDX	Firmore.....b	KEJK	Lake Grainger.....b
KDY	Walter D. Noyes.....b	KEJL	Lake Grama.....b
KDZ	Zulia.....b	KEJN	Lake Fanbush.....b
KEA	Phyllis.....b	KEJP	Lake Faulk.....b
KEB	Sabine.....b	KEJQ	Cabcong.....b
KEBD	Abron.....b	KEJS	West Amargosa.....b
KEBF	Edgefield.....b	KEJT	William M. Mills.....b
KEBM	Lake Giltedge.....b	KEJV	Faraby.....b
KEBN	Lake Girth.....b	KEJX	Transportation.....b
KEBP	Lake Farabee.....b	KEK	San Marcos.....b
KEBQ	West Henshaw.....b	KEKB	East Wind.....b
KEBR	Lake Strabo.....b	KEKC	Norma.....b
KEBS	Jekyl.....b	KEKD	West Cobalt.....b
KEBT	Nesco.....b	KEKG	Lake Gramplan.....b
KEBV	Lake Flushing.....b	KEKH	Lake Grampus.....b
KEBX	Remus.....b	KEKL	Saguache.....b
KEBZ	The Lambs.....b	KEKM	Lake Fansdale.....b
KEC	Concho.....b	KEKN	Lake Fanquier.....b
KECB	Edenton.....b	KEKP	Lake Furlough.....b
KECG	Chicago Bridge.....b	KEKQ	Castle Wood.....b
KECJ	Decatur Bridge.....b	KEKR	Homestead.....b
KECK	Hico.....b	KEKS	Tartar.....b
KECL	Opelika.....b	KEKT	Oscoda.....b
KECM	Lake Gitano.....b	KEKV	Neabsco.....b
KECN	Lake Fannin.....b	KEKX	Batanes.....b
KECR	West Tacook.....b	KEKZ	Bluffton.....b
KECS	Duquesne.....b	KEL	Isonomia.....b
KECV	Lake Flynus.....b	KELB	North Pole.....b
KECX	West Imboden.....b	KELC	Polar Star.....b
KECG	Kamesit.....b	KELG	Buckhannon.....b
KEDJ	Marne.....b	KELK	West Elcajon.....b
KEDK	Onokama.....b	KELM	Lake Fernando.....b
KEDM	Lake Faribault.....b	KELN	Lake Feronna.....b
KEDN	Lake Fariston.....b	KELQ	Prusa.....b
KEDP	Lake Farley.....b	KELR	Cochin.....b
KEDQ	West Maximus.....b	KELS	Damacan.....b
KEDR	Western Glen.....b	KELX	Oyaka.....b
KEDT	West Quechee.....b	KELZ	Nawitka.....b
KEDV	West Nosska.....b	KEM	Comal.....b
KEDX	West Hardaway.....b	KEMD	Birchleaf.....b
KEDZ	West Hargrave.....b	KEMG	Susana II.....b
KEE	West Catanace.....b	KEMJ	Panay.....b
KEF	Henry R. Mallory.....b	KEMK	Hoxie.....b
KEFB	Sac City.....b	KEML	Jacox.....b
KEFC	West Carnifax.....b	KEMM	Covalt.....b
KEFD	Bar Harbor.....b	KEMN	Covedale.....b
KEFJ	Copalgrove.....b	KEMP	Covena.....b
KEFK	Cerro Gardo.....b	KEMX	West Vaca.....b
KEFL	Chamberino.....b	KEMZ	Ballenas.....b
KEFM	Lake Inaha.....b	KEN	H. F. Dimock.....b
KEFN	Lake Friar.....b	KENC	East Cape.....b
KEFP	Lake Frio.....b	KEND	Triumph.....b
KEFQ	Western Knight.....b	KENF	Yaquina.....b
KEFR	Ossining.....b	KENG	West Avenal.....b
KEFS	West Harlan.....b	KENJ	West Compo.....b
KEFT	City of Eureka.....b	KENK	West Modus.....b
KEFX	West Harshaw.....b	KENN	Coverun.....b
KEFZ	West Harts.....b	KENP	Cowan.....b
KEG	Rio Grande.....b	KENQ	Lake Elkwood.....b
KEGC	Bristol.....b	KENR	Ballew.....b
KEGF	Eclipse.....b		Itompa.....b



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

Call signal.	Station.	Call signal.	Station.
KENS	Cabrille.....	KEVM	Nishmaha.....
KENV	Ballcamp.....	KEVN	Osaquamsick.....
KENX	Clincho.....	KEVP	Ozette.....
KENZ	Banaran.....	KEVR	Hartwood.....
KEP	Lampasas.....	KEVS	Chappell.....
KEPD	Diablo.....	KEVT	Schodack.....
KEPF	Mercer.....	KEVV	Schoharie.....
KEPG	Agwistar.....	KEVZ	Tollard.....
KEPJ	Brevard.....	KEVZ	Lake Farceman.....
KEPK	Briarcliff.....	KEX	Josiah Macy.....
KEPL	Aledo.....	KEXB	McKeesport.....
KEPN	Lake Elkwater.....	KEXF	West Munham.....
KEPN	Lake Ellendale.....	KEXG	West Nohno.....
KEPP	Lake Ellenorah.....	KEXJ	West Togus.....
KEPQ	Proctor.....	KEXK	West Totant.....
KEPR	Sahale.....	KEXL	Lake Folcroft.....
KEPS	Lazy Bay, Alaska.....	KEXM	Wawalona.....
KEPT	Saco.....	KEXN	Moline.....
KEPV	Wallingford.....	KEXQ	South Bend.....
KEQ	Port Walter, Alaska.....	KEXR	Grand Haven.....
KEQB	Dallas.....	KEXS	Milwaukee.....
KEQC	Barugo.....	KEXT	Peter H. Crowell.....
KEQD	Bolkow.....	KEXV	Hoven.....
KEQG	Baldrige.....	KEXX	West Cajoot.....
KEQJ	Baldrock.....	KEXZ	Glymont.....
KEQK	Belvidere.....	KEY	Cape Edwards, Alaska.....
KEQM	Lake Ellerslie.....	KEZ	San Lorenzo.....
KEQN	Lake Ellicott.....	KEZB	Lake Sapor.....
KEQP	Lake Festina.....	KEZC	Lake Fonda.....
KEQR	Galahad.....	KEZD	Lake Fontana.....
KEQS	Callao.....	KEZF	Lake Fontanet.....
KEQV	Pisco.....	KEZJ	Lake Gilboa.....
KEQX	Salaverry.....	KEZK	Lake Gilpen.....
KER	H. M. Flagler.....	KEZL	Lake Gilta.....
KERC	Batino.....	KEZM	West Harcuvar.....
KERF	Star of Greenland.....	KEZN	West Hembrle.....
KERG	Shooters Island.....	KEZP	West Hematite.....
KERJ	West Erral.....	KEZQ	Glyndon.....
KERK	Utoka.....	KEZR	West Celina.....
KERL	Ganerl.....	KEZZ	Poughkeepsie.....
KERM	Lake Festus.....	KFA	City of Columbus.....
KERN	Lake Fibre.....	KFAI	Glendola.....
KERP	Lake Fielding.....	KFAO	Glendoyle.....
KERQ	Yesodng.....	KFB	City of Atlanta.....
KERR	Benoni.....	KFD	Lake Janet.....
KERT	Bethelridge.....	KFE	Wynooche.....
KERX	Miller County.....	KFEO	Monana.....
KERZ	Cecil County.....	KFF	Frieda.....
KES	San Jacinto.....	KFG	Feltore.....
KESB	Lake Foxboro.....	KFH	West Ashawa.....
KESC	Sacandaga.....	KFI	I. D. Fletcher.....
KESD	Castle Point.....	KFJ	City of Augusta.....
KESG	Sapinero.....	KFK	City of Savannah.....
KESJ	West Caruth.....	KFN	Tormentor.....
KESK	Lake Flovilla.....	KFO	Buccaneer.....
KESL	Cowardin.....	KFP	Nacoochee.....
KESM	Lake Fife.....	KFQ	Owego.....
KESN	Lake Figart.....	KFS	San Francisco, Calif.....
KESP	Lake Fighting.....	KFT	Tasco.....
KESQ	Bldwell.....	KFW	Freedom.....
KESR	Hampton Roads.....	KFX	City of St. Louis.....
KESV	City of Freeport.....	KFY	City of Montgomery.....
KESX	Warwick.....	KGA	Coamo.....
KESZ	Henry Clay.....	KGAE	New Windsor.....
KET	(Bolinas, Calif. (transmitting)) (Marshall, Calif. (receiving)).....	KGD	Suruga.....
KETG	Braddock.....	KGE	Westwego.....
KETJ	Moss Point.....	KGH	Hillsboro, Oreg.....
KETM	Askawake.....	KGJ	San Juan.....
KETN	Edgchill.....	KGK	Edgar F. Luckenbach.....
KETP	Edgemont.....	KGL	Dochra.....
KETX	Georgina Rolph.....	KGM	Mexicano.....
KETZ	Annette Rolph.....	KGOE	Lake Harney.....
KEU	S. V. Harkness.....	KGP	Ponce.....
KEVB	Oswatomie.....	KGQ	Edward Luckenbach.....
KEVC	Zavalla.....	KGR	Cambridge.....
KEVD	West Corum.....	KGS	Senator Bailey.....
KEVF	Edgemoor.....	KGT	J. L. Luckenbach.....
KEVG	Eldena.....	KGUE	Caribbean.....
KEVJ	Fort Seward.....	KGVI	Aper.....
		KGV	Fred'k Luckenbach.....

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

Call signal.	Station.	Call signal.	Station.
KGX	Sewalls.....b	KIFX	Youngstown.....b
KGZ	Julia Luckenbach.....b	KIFZ	Lorain.....b
KHA	Uyak, Alaska.....c	KIG	Pioneer.....b
KHB	Kvichak, Alaska.....c	KIGB	Lake Glencoe.....b
KHC	Chignik, Alaska.....c	KIGC	Humaconna.....b
KHD	Stanwood.....b	KIGD	Hulver.....b
KHE	Lake Silver.....b	KIGF	Seekonk.....b
KHF	Snag Point, Alaska.....c	KIGG	Walden.....b
KHG	Clarks Point, Alaska.....c	KIGJ	Director.....b
KHH	San Francisco, Calif.....c	KIGK	Intan.....b
KHI	Isabela de Basilan, P. I.....c	KIGL	Polybius.....b
KHK	Wahaiwa, Hawaii.....c	KIGM	Lake Farlin.....b
KHL	Lahaina, Hawaii.....c	KIGP	Gratia.....b
KHM	Lihue, Hawaii.....c	KIGQ	Santa Elisa.....b
KHN	Kawaihae, Hawaii.....c	KIGR	Blair.....b
KHO	Kaunakakai, Hawaii.....c	KIGS	Harry Luckenbach.....b
KHP	Mangora.....b	KIGT	Bessemer.....b
KHR	J. W. VanDyke.....b	KIGX	Yaklok.....b
KHS	H. C. Folger.....b	KIGZ	Ashbee.....b
KHT	Naknek, Alaska.....b	KIH	Corning.....b
KHU	Lake Ogdén.....b	KIJ	Acme.....b
KHV	Lake Jessup.....b	KIJB	Lake Candelaria.....b
KHW	Lake Charles.....b	KIJC	Balsam.....b
KHY	K. I. Luckenbach.....b	KIJD	Barrenfark.....b
KHZ	Mystic.....b	KIJE	Barryton.....b
KIA	Ardmore.....b	KIJG	Wicasta.....b
KIB	Muskogee.....b	KIJJ	Sabotawan.....b
KIBB	Lake Glebe.....b	KIJK	Kisnop.....b
KIBC	Silverbrook.....b	KIJL	Edellyn.....b
KIBD	Shenandoah.....b	KIJM	Schroon.....b
KIBF	Milwaukee Bridge.....b	KIJN	Knoxville.....b
KIBG	National Bridge.....b	KIJP	Montgomery.....b
KIBJ	Passaic Bridge.....b	KIJQ	Hoxbar.....b
KIBK	Opequan.....b	KIJR	Barstow.....b
KIBL	Masca.....b	KIJS	Butterfield.....b
KIBM	Wisconsin Bridge.....b	KIJT	Buttercup.....b
KIBN	Santa Malta.....b	KIJV	Bethlehem Bridge.....b
KIBQ	Saugus.....b	KIJX	Brasher.....b
KIBR	Craftsman.....b	KIJZ	Dade County.....b
KIBZ	Byfield.....b	KIK	Westerner.....b
KIC	Standard.....b	KIKB	Hillsborough County.....b
KICM	Edgewood.....b	KIKC	Jackson.....b
KICN	Eldridge.....b	KIKD	Johnson City.....b
KICP	West Islay.....b	KIKF	Jefferson County.....b
KICQ	West Isleta.....b	KIKG	St. Johns County.....b
KICR	Gaffney.....b	KIKJ	St. Augustine.....b
KICS	Zarebo.....b	KIKK	Shortsville.....b
KICV	Gunston Hall.....b	KIKL	Worcester.....b
KICZ	Admiral Evans.....b	KIKM	West Kasson.....b
KID	Matincock.....b	KIKP	Moosabee.....b
KIDB	Lake Granby.....b	KIKQ	Ambridge.....b
KIDC	Satartia.....b	KIKR	Clairton.....b
KIDD	West Alcoz.....b	KIKS	Argenta.....b
KIDF	Hegira.....b	KIKT	Evansville.....b
KIDJ	Mulpua.....b	KIKX	West Islip.....b
KIDL	Genesee.....b	KILF	Elmsport.....b
KIDM	Anniston.....b	KILG	Edisto.....b
KIDN	Chatanooga.....b	KILJ	Edmore.....b
KIDP	Louisville Bridge.....b	KILK	Colorado Springs.....b
KIDQ	Schoodic.....b	KILL	City of Spokane.....b
KIDR	Romulus.....b	KILM	Waxahachie.....b
KIDS	Lake Canaveral.....b	KILN	Neshaminy.....b
KIDT	Barrallton.....b	KILP	Meriden.....b
KIDV	Waukau.....b	KILQ	Shaume.....b
KIDX	Waukegan.....b	KILR	Scantic.....b
KIDZ	Orleans.....b	KILT	West Calumb.....b
KIE	{Kahuku, Hawaii (transmitting).....c	KILV	Ipswich.....b
	{Koko Head, Hawaii (receiving).....c	KILX	Monasses.....b
KIFB	West Irmo.....b	KILZ	West Cawthon.....b
KIFC	Hukey.....b	KIM	Latouche, Alaska.....c
KIFD	West Cavanal.....b	KIMB	Tuckanuck.....b
KIFG	Favorite.....b	KIMC	Tripp.....b
KIFJ	Kishacoquillas.....b	KIMD	Deerlodge.....b
KIFK	Chautauqua.....b	KIME	West Chetac.....b
KIFL	Delphne.....b	KIMJ	Cushnoc.....b
KIFN	Humrick.....b	KIML	Santa Leonora.....b
KIFP	West Conob.....b	KIMM	Winyah.....b
KIFQ	Bound Brook.....b	KIMN	Salvation Lass.....b
KIFR	Barranca.....b	KIMP	Fontchartrain.....b
KIFV	Andrea F. Luckenbach.....b	KIMQ	East Side.....b

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

Call signal.	Station.	Call signal.	Station.		
KIMR	Dochet.....	b	KISJ	Stanley.....	b
KIMS	Burnwell.....	b	KISK	West Keene.....	b
KIMT	Mount Evans.....	b	KISM	Baldbutte.....	b
KIMV	Lake Cannonsburg.....	b	KISN	Lake Fagundus.....	b
KIMX	Orinoco.....	b	KISP	Lake Fairlie.....	b
KIMZ	Pipestone County.....	b	KISQ	Afel.....	b
KIN	Patrol.....	b	KISR	City of Fairbury.....	b
KINB	Ogontz.....	b	KISS	Liberty Land.....	b
KINC	Hyannis.....	b	KIST	Laborer.....	b
KIND	Rock Island.....	b	KISV	Asquan.....	b
KINF	Costigan.....	b	KISX	Lake Farrar.....	b
KING	Watertown.....	b	KIT	Tiger.....	b
KINJ	Lake Fabyan.....	b	KITB	Lake Falama.....	b
KINK	Lake Glasco.....	b	KITC	Babboisic.....	b
KINL	Pere Marquette 8.....	b	KITF	Pirthcliffe.....	b
KINM	Lehigh.....	b	KITG	Kittegaun.....	b
KINN	West Ison.....	b	KITJ	Innoko.....	b
KINP	West Hepburn.....	b	KITK	Bellbuckle.....	b
KINQ	Eelbeck.....	b	KITL	Wytheville.....	b
KINR	Olen.....	b	KITM	Betsy Bell.....	b
KINS	Boston Bridge.....	b	KITN	Nameaug.....	b
KINT	Bay Head.....	b	KITP	Lake Gadsden.....	b
KINV	Calno.....	b	KITQ	Lake Singara.....	b
KINX	Davidson County.....	b	KITR	Keshena.....	b
KINZ	Pawtucket.....	b	KITS	Kiokee.....	b
KIO	Brynhylda.....	b	KITT	Kiron.....	b
KIP	General W. C. Gorgas.....	b	KITV	Kitchi.....	b
KIPB	Assinippi.....	b	KITX	Willfaro.....	b
KIPC	Pontia.....	b	KITZ	West Inskip.....	b
KIPD	Walkill.....	b	KIU	Western Hero.....	b
KIPF	Woodmansie.....	b	KIVB	Minnequa.....	b
KIPG	Doylestown.....	b	KIVC	Kewancee.....	b
KIPJ	West Chatala.....	b	KIVD	Marina.....	b
KIPK	West Segovia.....	b	KIVF	Lightburne.....	b
KIPL	Pyramus.....	b	KIVG	Mercer Victory.....	b
KIPN	Lake Gazette.....	b	KIVJ	Hatchie.....	b
KIPP	American Star.....	b	KIVK	Traveller.....	b
KIPQ	Lake Fablus.....	b	KIVM	Lake Fear.....	b
KIPR	S. B. Hunt.....	b	KIVN	Explorer.....	b
KIPS	Geo. H. Jones.....	b	KIVP	Westoil.....	b
KIPV	Luxpallie.....	b	KIVQ	Huguenot.....	b
KIPX	Maiden Creek.....	b	KIVR	Devolente.....	b
KIPZ	Lake Farmingdale.....	b	KIVS	Delfina.....	b
KIQ	Astral.....	b	KIVT	Dellisle.....	b
KIQB	Belfort.....	b	KIVV	West Cactus.....	b
KIQC	Westmoreland.....	b	KIVX	Gaurdsman.....	b
KIQD	Cansumset.....	b	KIVZ	Custodian.....	b
KIQF	Cotati.....	b	KIXB	West Cheswald.....	b
KIQJ	Fort Logan.....	b	KIXC	West Raritan.....	b
KIQK	Cold Spring.....	b	KIXD	Lackawanna Valley.....	b
KIQM	Nedmac.....	b	KIXF	Ablanset.....	b
KIQN	Lake Farragut.....	b	KIXG	Asabeth.....	b
KIQP	Lake Fackier.....	b	KIXJ	Fourth Alabama.....	b
KIQQ	Thala.....	b	KIXK	Lafomo.....	b
KIQR	Hugoton.....	b	KIXL	Lebanon.....	b
KIQS	Bathgate.....	b	KIXM	Lockport.....	b
KIQT	Bathalum.....	b	KIXN	Lordship Manor.....	b
KIQV	Corson.....	b	KIXP	Nonantum.....	b
KIQX	Flour Spar.....	b	KIXQ	Putnam.....	b
KIR	Eagle.....	b	KIXR	Tulsa.....	b
KIRB	Lake Farber.....	b	KIXS	Abraham Lincoln.....	b
KIRF	West Cayote.....	b	KIXT	Lake Flagon.....	b
KIRG	New Britain.....	b	KIXV	Montauk.....	b
KIRJ	Lake Frumet.....	b	KIXX	Wekika.....	b
KIRK	Sharon.....	b	KIXZ	West Selene.....	b
KIRM	Aronas.....	b	KIZB	Delco.....	b
KIRN	Haddon.....	b	KIZC	Bakersfield.....	b
KIRP	Waco.....	b	KIZD	Barthney.....	b
KIRQ	Delavan.....	b	KIZF	Buffalo Bridge.....	b
KIRE	Cambridge.....	b	KIZG	Parksville.....	b
KIRS	John Ena.....	b	KIZJ	Dauperata.....	b
KIRV	Derbyline.....	b	KIZK	Katherine.....	b
KIRY	Lake Fairfax.....	b	KIZL	Avalon.....	b
KIRZ	Casper.....	b	KIZM	Lake Flagstaff.....	b
KIS	Glen Ridge.....	b	KIZN	Lake Flambeau.....	b
KISC	Marshall, Alaska.....	c	KIZP	Shickshinny.....	b
KISD	Orcus.....	b	KIZQ	Bannack.....	b
KISE	Seattle Spirit.....	b	KIZR	Winona County.....	b
KISF	Wheatland Montana.....	b	KIZS	Vincent.....	b
KISG	Elkridge.....	b	KIZT	Algonquin.....	b

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

Call signal.	Station.	Call signal.	Station.		
KIZV	Imlay.....	b	KKY	E. Dia.....	b
KIZX	Labette.....	b	KKZ	El Rio.....	b
KIZZ	Rockaway Park.....	b	KLA	Pastores.....	b
KJA	Jualin, Alaska.....	c	KLAA	Luella.....	b
KJAA	Chebaulip.....	b	KLAE	Overbrook.....	b
KJAE	West Indian.....	b	KLAO	Lake Crystal.....	b
KJAI	West Durfee.....	b	KLAU	Lake Winona.....	b
KJAO	West Lianga.....	b	KLC	Calamares.....	b
KJAU	West Grove.....	b	KLD	Fort Worth.....	b
KJC	Ocoee.....	b	KLE	Zacapa.....	b
KJD	North Land.....	b	KLEA	Lake Maurepas.....	b
KJE	Norlina.....	b	KLEE	Lake St. Regis.....	b
KJEA	Western Ocean.....	b	KLEI	Lake Allen.....	b
KJEI	John M. Connelly.....	b	KLEO	Lake Clear.....	b
KJEU	Santa Luisa.....	b	KLEU	Lake Pewaukee.....	b
KJF	Carolinian.....	b	KLF	Metapan.....	b
KJG	Eurana.....	b	KLG	Santa Marta.....	b
KJH	West Wind.....	b	KLH	Saramacca.....	b
KJI	Satsuma.....	b	KLI	Suriname.....	b
KJIE	Walter A. Luckenbach.....	b	KLIA	Lake Otisco.....	b
KJII	Muscatine.....	b	KLIE	Lake Como.....	b
KJIO	Paul H. Harwood.....	b	KLIU	Lake Sunapee.....	b
KJIU	Carib.....	b	KLJ	Beatrice.....	b
KJK	King Cove, Alaska.....	c	KLK	Crafter Hall.....	b
KJL	False Pass, Alaska.....	c	KLL	Thompson Falls, Mont.....	c
KLM	West Cherow.....	b	KLM	Bantu.....	b
KJN	J. A. Bostwick.....	b	KLO	Santa Rosalia.....	b
KJO	Munisia.....	b	KLOE	Lake Hemlock.....	b
KJOA	Faith.....	b	KLOI	Lakehurst.....	b
KJOE	W. M. Irish.....	b	KLOO	Lake Lida.....	b
KJOO	West Bridge.....	b	KLOU	Lake Shawano.....	b
KJOU	Tuckahoe.....	b	KLQ	Rainbow, Mont. (near Great Falls).....	c
KJJP	Joseph R. Parrott.....	b	KLR	Crofton Hall.....	b
KJT	Waban.....	b	KLT	Howick Hall.....	b
KJU	Bacoli.....	b	KLU	Charlton Hall.....	b
KJUA	Ice King.....	b	KLUA	Lake Capens.....	b
KJUE	Radnor.....	b	KLUE	Lake Sebago.....	b
KJUI	Point Lobos.....	b	KLUI	Lake Cayuga.....	b
KJUO	West Aisek.....	b	KLUI	Lake Ennis.....	b
KJUU	West Apaum.....	b	KLUV	Agarista.....	b
KJV	West Haven.....	b	KLW	San Mateo.....	b
KJW	O. T. Waring.....	b	KLW	Fort Althorp, Alaska.....	c
KJX	Westland.....	b	KLX	Kermanshah.....	b
KJY	West Point.....	b	KLY	Deepwater.....	b
KJZ	Chincha.....	b	KMA	Allianza.....	b
KKA	Yakutat, Alaska.....	c	KMAA	Admiral Nicholson.....	b
KKAA	Sulzer, Alaska.....	c	KMAI	Catherine D.....	b
KKAE	Nushagak, Alaska.....	c	KMAU	Ampetco.....	b
KKAI	Hawk Inlet, Alaska.....	c	KMB	Amolco.....	b
KKAO	Kussilof, Alaska.....	c	KMD	Cristobal.....	b
KKAU	Avondale.....	b	KME	Fennant.....	b
KKB	El Sol.....	b	KMEI	Orizaba.....	b
KKC	Chalmetta.....	b	KMEO	Cletus Schneider.....	b
KKD	Comus.....	b	KMEU	Pasadena.....	b
KKE	Topila.....	b	KMF	Egegik, Alaska.....	c
KKEE	Nanking.....	b	KMG	Kruk, Alaska.....	c
KKEI	City of Sydney.....	b	KMH	Panama.....	b
KKEO	Waukesha.....	b	KMI	Tivives.....	b
KKEU	Mariners Harbor.....	b	KMIE	Cape Henry.....	b
KKF	Torres.....	b	KMII	Masuda.....	b
KKG	El Almirante.....	b	KMIO	Williamantic.....	b
KKH	El Capitan.....	b	KMIU	W. M. Burton.....	b
KKI	Kilkenny.....	b	KMK	Naknek, Alaska.....	c
KKIU	Nacoodoches.....	b	KML	Lockanok, Alaska.....	c
KKJ	West Celeron.....	b	KMM	Panuco.....	b
KKL	El Alba.....	b	KMN	Butte, Mont.....	c
KKM	Momus.....	b	KMOE	Accomac.....	b
KKN	El Norte.....	b	KMOI	Eldorado.....	b
KKO	Excelsior.....	b	KMOO	Oakland.....	b
KKOA	Biran.....	b	KMOU	Edward Pierce.....	b
KKOE	Lake Annette.....	b	KMP	Metha Nelson (moored schooner).....	c
KKP	Mahana.....	b	KMPQ	Sherman.....	b
KKQ	El Sud.....	b	KMR	Wellington.....	b
KKR	Creole.....	b	KMS	Ancon.....	b
KKS	El Siglo.....	b	KMT	Libbyville, Alaska.....	c
KKT	El Cid.....	b	KMU	Ugashik, Alaska.....	c
KKU	El Mundo.....	b	KMUA	Lake Lasang.....	b
KKUI	William G. Mather.....	b	KMUE	Lake Larga.....	b
KKV	El Oriente.....	b	KMUI	George W. Barnes.....	b
KKW	El Valle.....	b	KMUU	Lake Flume.....	b
KKX	El Occidente.....	b	KMV	Advance.....	b

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

Call signal.	Station.	Call signal.	Station.
KMW	Akutan, Alaska.....	KODP	Babinda.....
KMX	Colon.....	KODQ	Hulaco.....
KMY	Holden Evans.....	KODR	Salem County.....
KMZ	General G. W. Goethals.....	KODS	Bellemina.....
KNA	Dorothy Bradford.....	KODT	Dewey.....
KNAA	Western Sea.....	KODV	Hog Island.....
KNAE	West Cohas.....	KODX	Dillwyn.....
KNAI	Western City.....	KODZ	Ophis.....
KNAO	Western Chief.....	KOE	Communipaw.....
KNAU	Westford.....	KOF	Castle Town.....
KNB	Lexington.....	KOFC	Bellhaven.....
KNC	Concord.....	KOFD	Anaconda.....
KND	Plymouth.....	KOFF	Auditor.....
KNE	Clare.....	KOFG	Sunshine.....
KNEA	Western Spirit.....	KOFJ	H. F. Morse.....
KNEE	Santa Tecla.....	KOFK	Elkton.....
KNEU	Wishkah.....	KOFL	Chepadoa.....
KNF	Wm. G. Warden.....	KOFM	Lake Ellithorpe.....
KNG	Bradford.....	KOFN	Cockaponset.....
KNH	Brockton.....	KOFP	Lake Elisbury.....
KNI	De Soto.....	KOFQ	Lake Elmhurst.....
KNK	Marica.....	KOFR	Basford.....
KNL	Nelson.....	KOFS	Bascobel.....
KNM	Millnocket.....	KOFT	Bensalem.....
KNN	Wico.....	KOFV	Lake Elpueblo.....
KNO	Trinidadian.....	KOFX	Cook.....
KNP	Dayton.....	KOFZ	Coquitt.....
KNQ	F. Q. Barstow.....	KOGB	Independent Bridge.....
KNS	Sucrosa.....	KOGC	Lackawanna Bridge.....
KNU	Currier.....	KOGD	Moosehauc.....
KNUO	Mazama.....	KOGF	Kootenai.....
KNW	Robert M. Thompson.....	KOGJ	Noekum.....
KNX	Susana.....	KOGK	Escambia.....
KNY	Fred W. Weller.....	KOGL	West Ira.....
KNZ	A. C. Bedford.....	KOGM	Storm King.....
KOBB	Shannock.....	KOGN	Brave Coeur.....
KOBC	Ruby.....	KOGP	Hadnot.....
KOBD	Orani.....	KOGQ	Irrington.....
KOBF	Vanada.....	KOGR	Lake Fairport.....
KOBG	Editor.....	KOGS	Lake Flatonia.....
KOBI	Deroche.....	KOGT	Lake Flanders.....
KOBK	West Katan.....	KOGV	Lake Gebhart.....
KOBL	Lake Ellijay.....	KOGX	Merry Mount.....
KOBM	Willpolo.....	KOGZ	Commissioner.....
KOBN	Alameda.....	KOH	Glenpool.....
KOBF	Bird City.....	KOI	Polarine.....
KOBQ	Gonzalis.....	KOJ	Ajax.....
KOBR	Barwick.....	KOJB	York Harbor.....
KOBS	Bartolome.....	KOJD	Sinsinawa.....
KOBT	Lake Inglenook.....	KOJF	Montana.....
KOBV	Baldhill.....	KOJG	Jacksonville.....
KOBX	Moshico.....	KOJJ	Lake Galata.....
KOBZ	Lake Elon.....	KOJK	Hanover.....
KOC	Jamestown.....	KOJL	Cripple Creek.....
KOCB	Lake Savus.....	KOJM	Lake Onawa.....
KOCC	Epitaco Pessoa.....	KOJP	Lake Favonia.....
KOCD	Texarkana.....	KOJQ	Lake Fitch.....
KOCF	Nokatay.....	KOJR	Chickasaw.....
KOCG	Lake Fiscus.....	KOJS	Magneric.....
KOCJ	Aguilo.....	KOJT	Lake Gallen.....
KOCK	West Pocasset.....	KOJV	Portsmouth.....
KOCL	Elkhorn.....	KOJX	Lake Galewood.....
KOCM	Marsodak.....	KOJZ	Lake Galthier.....
KOCN	Federal Bridge.....	KOK	St. Charles.....
KOCP	Clark Mills.....	KOKC	Northern Star.....
KOCQ	John W. Wells.....	KOKD	Bellerose.....
KOCR	Lake Girardeau.....	KOKF	Bellepline.....
KOCS	Hercules.....	KOKG	Moositauke.....
KOCT	West Sagnaw.....	KOKK	Iceland.....
KOCV	West Jaffrey.....	KOKL	Kaweah.....
KOCX	Lake Ellsworth.....	KOKM	Daniel Webster.....
KOCZ	Jefferson.....	KOKN	Potomac.....
KOD	Nobles.....	KOKP	Crsfield.....
KODB	Sunbeam.....	KOKR	Lake Elrio.....
KODC	Lake Fisher.....	KOKS	Inspector.....
KODD	West Caddoa.....	KOKT	Lake Gera.....
KODF	Sletz.....	KOKV	Bethnor.....
KODG	Hathaway.....	KOKW	Kaleen.....
KODK	Menominee.....	KOKX	Kolda.....
KODL	Endicott.....	KOKZ	Lake Fithian.....
KODN		KOL	Mount Hope.....

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

Call signal.	Station.	Call signal.	Station.		
KOLB	Aryan.....	b	KOQT	Quinnlpiac.....	b
KOLC	Orient.....	b	KOQV	Caldas.....	b
KOLD	Antonia.....	b	KOQX	Nipmuc.....	b
KOLJ	Lake Faxon.....	b	KOQZ	Kayseeke.....	b
KOLK	Lake Felden.....	b	KORB	West Mingo.....	b
KOLL	Clavarack.....	b	KORC	Macomet.....	b
KOLM	Balcatta.....	b	KORD	Sundance.....	b
KOLN	Susquehanna.....	b	KORF	Noccalula.....	b
KOLP	Cathlamet.....	b	KORG	Cethana.....	b
KOLR	Lake Elmdale.....	b	KORJ	Challamba.....	b
KOLS	Chicomico.....	b	KORK	Dryden.....	b
KOLT	Effingham.....	b	KORL	Haleakala.....	b
KOLV	Palisades.....	b	KORM	Jadden.....	b
KOLX	Cranford.....	b	KORP	Monomac.....	b
KOLZ	Lake Getaway.....	b	KORQ	Vinton County.....	b
KOM	Trontolite.....	b	KORS	Manham.....	b
KOMB	Lake Gert.....	b	KORT	Hancock County.....	b
KOMC	Lake Flatlery.....	b	KORV	Wildwood.....	b
KOMD	Deuel.....	b	KORX	Cliffwood.....	b
KOMF	Bartholomew.....	b	KOS	Lake Saba.....	b
KOMG	Whitemarsh.....	b	KOSC	Tenakee, Alaska.....	c
KOMK	Lycoming.....	b	KOSD	Nile.....	b
KOML	J. R. Gordon.....	b	KOSF	Monroe.....	b
KOMM	Scottsburg.....	b	KOSG	Rapidan.....	b
KOMN	San Antonio.....	b	KOSJ	Danville.....	b
KOMP	Coahoma County.....	b	KOSL	West Kader.....	b
KOMQ	Afoundria.....	b	KOSM	City of St. Joseph.....	b
KOMR	Ashland County.....	b	KOSN	John Roach.....	b
KOMS	Henry County.....	b	KOSQ	Lake Treba.....	b
KOMT	Effna.....	b	KOSR	Lake Elsah.....	b
KOMV	Montague.....	b	KOSS	John Adams.....	b
KOMX	Peckskill.....	b	KOST	Chester Valley.....	b
KOMZ	Coskata.....	b	KOSV	Kenowis.....	b
KONB	Cushnet.....	b	KOSX	Hartford.....	b
KONC	Cuttyhunk.....	b	KOT	Kanak.....	b
KOND	Indiana Bridge.....	b	KOTB	Lake Falun.....	b
KONG	Margus.....	b	KOTD	Cross Keys.....	b
KONJ	Massillon Bridge.....	b	KOTF	Mitchell.....	b
KONK	Northwestern Bridge.....	b	KOTG	West Jena.....	b
KONL	Fargo.....	b	KOTJ	Lake Slavi.....	b
KONM	La Crosse.....	b	KOTK	West Neris.....	b
KONN	Sioux Falls.....	b	KOTL	Vinita.....	b
KONP	Lansdowne.....	b	KOTM	Robin Hood.....	b
KONQ	Andrew Jackson.....	b	KOTN	West Hesseltine.....	b
KONR	Antietam.....	b	KOTP	Wisla.....	b
KONS	Lake Strymon.....	b	KOTQ	Red Mountain.....	b
KONT	Lake Elsmere.....	b	KOTR	West Montop.....	b
KONV	Lake Filbert.....	b	KOTV	Lake Fenn.....	b
KONX	Detroit-Wayne.....	b	KOTW	Franklin County.....	b
KONZ	City of Alton.....	b	KOTX	Delanson.....	b
KOPB	Lake Fernalda.....	b	KOTZ	Benowa.....	b
KOPC	Bavington.....	b	KOU	Tidewater.....	b
KOPD	Dannedaikc.....	b	KOV	Kwiguk Slough, Alaska.....	c
KOPF	Massick.....	b	KOVB	Gulftrade.....	b
KOPG	Minnewawa.....	b	KOVC	Lake Tippah.....	b
KOPJ	Terre Haute.....	b	KOVD	Maquan.....	b
KOPK	Circinus.....	b	KOVF	Amcross.....	b
KOPL	Corvus.....	b	KOVG	Lake Elmsford.....	b
KOPM	Nika.....	b	KOVJ	Dilworth.....	b
KOPP	Eastern Breeze.....	b	KOVL	Lake Fandango.....	b
KOPQ	Bellflower.....	b	KOVM	Robin Adair.....	b
KOPR	Kearny.....	b	KOVN	E. A. Morse.....	b
KOPS	Coolcha.....	b	KOVP	Clarksburg.....	b
KOPT	Eglantine.....	b	KOVQ	Elfay.....	b
KOEV	Lake Fillion.....	b	KOVR	Abercos.....	b
KOFX	Mopang.....	b	KOVS	Lake Fandon.....	b
KOPZ	Centaurus.....	b	KOVT	Coeur D'Alene.....	b
KOQ	Manos.....	b	KOVV	Coelleda.....	b
KOQB	Clauseus.....	b	KOVX	Tampa.....	b
KOQC	Hagan.....	b	KOVZ	I. J. Merritt.....	b
KOQD	Hagood.....	b	KOW	Mascotte.....	b
KOQE	Tri Mountain.....	b	KOX	Henry M. Flagler.....	b
KOQG	Lake Elmout.....	b	KOXB	Haslehurst.....	b
KOQH	Casey.....	b	KOXC	Suwied.....	b
KOQJ	Coldbrook.....	b	KOXD	Tashmoo.....	b
KOQK	George C. Greer.....	b	KOXP	Tekoa.....	b
KOQL	Stand tug No. 1.....	b	KOXG	Toledo Bridge.....	b
KOQM	McCreary County.....	b	KOXJ	Tona.....	b
KOQP	West Ivis.....	b	KOXK	Tonesit.....	b
KOQQ	Egremont.....	b	KOXL	Tuladi.....	b

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

Call signal.	Station.	Call signal.	Station.
KOXM	Vincennes Bridge..... b	KQUE	Lancaster..... b
KOXN	Pirate Cove, Alaska..... c	KQUO	Lake Chelan..... b
KOXP	Von Steuben..... b	KQUU	West Gambo..... b
KOXQ	Agemennon..... b	KQX	Persian..... b
KOXR	Tampico..... b	KQY	Edward J. Lawrence..... b
KOXS	West Jessup..... b	KQZ	City of Rome..... b
KOXT	Robin Gray..... b	KBA	Freeport Sulphur No. 1..... b
KOXV	Roanoke..... b	KRAA	West Coast..... b
KOXX	Steelmaker..... b	KRAE	Mauban..... b
KOXZ	Steel Age..... b	KRB	Governor Cobb..... b
KOY	Herbert L. Pratt..... b	KRC	Camden..... b
KOZ	Miami..... b	KRD	Belfast..... b
KOZB	City of Omaha..... b	KREA	Cape Roman..... b
KOZC	Aeolus..... b	KREE	Gulport..... b
KOZD	Rockport..... b	KREI	Lake Washburn..... b
KOZF	Tanafly..... b	KREO	Lake Mary..... b
KOZG	Moravia Bridge..... b	KRF	Ransom B. Fuller..... b
KOZJ	West Niger..... b	KRG	Freeport Sulphur No. 2..... b
KOZK	West Hika..... b	KRH	City of Bangor..... b
KOZL	Quaker City..... b	KRI	City of Rockland..... b
KOZM	Miskianza..... b	KRIA	Lake Daraga..... b
KOZN	Minooka..... b	KRII	Lake Elsinore..... b
KOZP	Vigilant..... b	KRIU	Liberator..... b
KOZQ	City of Berkeley..... b	KRJ	Relief..... b
KOZR	Culburra..... b	KRK	Oswego..... b
KOZS	West Ivan..... b	KRL	Kiowa..... b
KOZT	Lake Elmwood..... b	KRM	Resolute..... b
KOZV	William H. Webb..... b	KRN	Calvin Austin..... b
KOZX	Norumbega..... b	KRO	Brammell Point..... b
KOZZ	Collamer..... b	KROE	Aniwa..... b
KPA	Seattle, Wash..... c	KROI	Wampum..... b
KPAA	Point Judith..... b	KROO	Wassaic..... b
KPAI	Blford..... b	KROU	Garibaldi..... b
KPD	W. H. Tiltford..... b	KRP	Rescue..... b
KPE	Seattle, Wash..... c	KRQ	Manitowoc..... b
KPF	General O. H. Ernst..... b	KRR	C. A. Snider..... b
KPG	General H. F. Hodges..... b	KRS	Paulsboro..... b
KPH	Bollnas, Calif..... c	KRT	San Francisco..... b
KPK	Standtow No. 2..... b	KRU	Fordonian..... b
KPL	Moonlite..... b	KRUI	Santa Flavia..... b
KPO	Standtow No. 1..... b	KRUO	Wakulla..... b
KPOU	Salmon..... b	KRUU	Socony 88..... b
KPP	Dawnlite..... b	KRV	Governor Dingley..... b
KPQ	Sunlite..... b	KRW	Sierra..... b
KPR	Daylite..... b	KRZ	Sudbury..... b
KPS	Benjamin Brewster..... b	KSA	Standard II..... b
KPT	Achilles..... b	KSAA	Socony 89..... b
KPU	Ulysses..... b	KSAE	Rose Mahoney..... b
KQA	Harry Farnum..... b	KSAI	Capines..... b
KQAI	Wallowa..... b	KSAO	Lake Conesus..... b
KQB	Walter Hardcastle..... b	KSB	J. E. O'Neill..... b
KQC	Cretan..... b	KSBV	Shipping Board (general call for all ves-
KQD	Dorchester..... b		sels).
KQE	Essex..... b	KSC	Chinampa..... b
KQEE	Anoka..... b	KSEA	Absecon..... b
KQEO	Lake Charlotte..... b	KSEE	Mineola..... b
KQF	Gene Crawley..... b	KSEI	Eastern Chief..... b
KQG	Gloucester..... b	KSEU	Jonancy..... b
KQH	Howard..... b	KSF	Finland..... b
KQI	Keresaspa..... b	KSG	Baton Rouge..... b
KQIE	Farnam..... b	KSH	Kroonland..... b
KQII	Santa Olivia..... b	KSI	H. H. Rogers..... b
KQIO	Deranof..... b	KSIE	Glen White..... b
KQIU	West Ekonk..... b	KSII	Lake Catherine..... b
KQJ	Junjata..... b	KSIO	Argonne..... b
KQK	Kershaw..... b	KSIU	Lake Benton..... b
KQM	Merrimack..... b	KSJ	Security..... b
KQN	Nantucket..... b	KSK	Caddo..... b
KQO	Ontario..... b	KSM	Philadelphia..... b
KQOa	..... b	KSN	New York..... b
KQOA	Anacortes..... b	KSO	St. Paul..... b
KQOE	Delight..... b	KSOA	Polar Sea..... b
KQOI	Western Light..... b	KSOC	Standard Oil Co. (general call for all ves-
KQOO	Western Maid..... b		sels).
KQP	Mount Sidney..... b	KSOE	Lake Eckhart..... b
KQQ	Quantico..... b	KSOI	Lake Wimico..... b
KQR	Greclan..... b	KSOO	Lake Duncan..... b
KQS	Washington Bay, Alaska..... c	KSOU	Bylayl..... b
KQU	Ruth E. Merrill..... b	KSP	Caloria..... b
KQUA	Allies..... b		

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

Call signal.	Station.	Call signal.	Station.
KSQ	Charles Prat.....	KUCK	Wauwatosa.....
KSR	Bayway.....	KUCL	Hudsonian.....
KST	Princeton.....	KUCM	Lake Ikatan.....
KSU	Somerset.....	KUCN	Eastern Guide.....
KSU A	F. D. Asche.....	KUCP	Chisik Island, Alaska.....
KSV	Standard Arrow.....	KUCQ	City of Alameda.....
KSW	Royal Arrow.....	KUCR	Lake Giddings.....
KSX	Sylvan Arrow.....	KUCS	City of Sherman.....
KSY	Broad Arrow.....	KUCV	City of Flint.....
KSZ	Cora F. Cressy.....	KUCX	Coldwater.....
KTAA	Alloway.....	KUCZ	Lake Fillmore.....
KTAI	Lake Eliko.....	KUD	Gulfland.....
KTAO	Lake Frances.....	KUDC	Tuscan.....
KTAU	Eastern Star.....	KUDD	Argon.....
KTB	Gulstream.....	KUDG	West Jester.....
KTC	Shenango.....	KUDJ	Mehanno.....
KTD	Ligonier.....	KUDK	West Cadron.....
KTE	Winifred.....	KUDL	Willsolo.....
KTEA	Eastern Sea.....	KUDM	Lake Elwin.....
KTEE	Western Cross.....	KUDN	American Press.....
KTEI	Winnebago.....	KUDP	Clontarf.....
KTF	J. M. Guffey.....	KUDQ	West Himrod.....
KTG	Gulfoil.....	KUDR	Davenport.....
KTH	Robert P. Clark.....	KUDS	Rushville.....
KTI	Brilliant.....	KUDT	Pilot Point, Alaska.....
KTIE	Eastern Sun.....	KUDV	Becharof, Alaska.....
KTIO	Fresno.....	KUDX	Eastern Moon.....
KTIU	Lake Blanchester.....	KUDZ	Eastern Gale.....
KTJ	Comet.....	KUE	Gulfoast.....
KTL	Rayo.....	KUF	Mundelta.....
KTM	Eocene.....	KUFB	Eastern Knight.....
KTN	Perfection.....	KUFC	Lake Floravista.....
KTO	John D. Rockefeller.....	KUFD	Lake Florian.....
KTOA	Lake Narka.....	KUFF	Lake Floris.....
KTOE	Mary.....	KUFG	Lake Flournoy.....
KTOI	Catherine.....	KUFJ	West Nilus.....
KTOO	Lake Yemassee.....	KUFK	Great Falls.....
KTOU	Lake Markham.....	KUFN	Steel Voyager.....
KTP	James McGee.....	KUFP	Bethlehem Shipbuilding Corp. (special).....
KTQ	City of Everett.....	KUFR	West Campgaw.....
KTR	Radiant.....	KUFZ	Ossa.....
KTS	Vesta.....	KUG	Munplace.....
KTT	Paraguay.....	KUGB	Eastern Mariner.....
KTU	Sun.....	KUGC	Boobyalla.....
KTUA	Lake Ledan.....	KUGD	Clearwater.....
KTUE	Lake Bledsoe.....	KUGG	Clemence C. Morse.....
KTUI	Lake Pepin.....	KUGK	Sioux City.....
KTUO	Sagadahoc.....	KUGL	Lake Galisteo.....
KTUU	Lake Pachuta.....	KUGM	Ripon.....
KTV	Dulcino.....	KUGN	Lake Haresti.....
KTX	Socony.....	KUGP	Seminole.....
KTY	W. C. Teagle.....	KUGQ	Star of Holland.....
KTZ	Brindilla.....	KUGR	Summerleaf.....
KUA	Gulflight.....	KUGS	Blue Triangle.....
KUB	Gulfmaid.....	KUGT	Jomar.....
KUBB	Cold Harbor.....	KUGV	Willhilo.....
KUBC	Laramie.....	KUGX	Mason City.....
KUBD	Claremont.....	KUGZ	Maddequet.....
KUBF	San Diego.....	KUH	Munwood.....
KUBG	Betterton.....	KUI	Munamar.....
KUBJ	Liberty Minquas.....	KUIJ	Mundale.....
KUBK	Bearport.....	KUIB	The Angeles.....
KUBL	Pawlet.....	KUIC	Bayport.....
KUBM	St. Anthony.....	KUID	Baddacock.....
KUBN	Robin Goodfellow.....	KUIF	Kerhonkson.....
KUBP	City of Alma.....	KUIJ	Havilah.....
KUBR	Lake Elva.....	KUIK	Ozmo.....
KUBS	Indiana Harbor.....	KUIJL	Hutchinson.....
KUBT	Lake Feodora.....	KUIP	Ethan Allen.....
KUBV	Higo.....	KUIQ	City of Joliet.....
KUBX	Kogtjung (permanently moored scow).....	KUIR	Winston-Salem.....
KUBZ	Dellwood.....	KUIJ	Eastern Belle.....
KUC	Gulf of Mexico.....	KUIV	Eastern Crag.....
KUCB	New England.....	KUIX	Liberty Bell.....
KUCC	Plow City.....	KUIZ	Quabbin.....
KUCD	Riverside Bridge.....	KUK	Munsomo.....
KUCF	Virginia Bridge.....	KUKB	Aragon.....
KUCG	Des Moines Bridge.....	KUKC	Schuylkill Bridge.....
KUCJ	Holyoke Bridge.....		



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

Call signal.	Station.	Call signal.	Station.		
KUKD	East Chicago.....	b	KUPP	Cubore.....	b
KUKF	Fort Armstrong.....	b	KUPO	Ogden, Utah.....	c
KUKG	Anthracte Bridge.....	b	KUPS	Naugus.....	b
KUKJ	West Jappa.....	b	KUPT	Waterbury.....	b
KUKK	Noddle Island.....	b	KUPV	Kehuku.....	b
KUKL	Pittsburgh Bridge.....	b	KUPX	Hawarden.....	b
KUKM	Tancarville.....	b	KUQ	Maine.....	b
KUKN	Louise.....	b	KUQB	Fueloil.....	b
KUKP	Mohinkis.....	b	KUQC	Pancoil.....	b
KUKQ	Selma.....	b	KUQD	Crudoil.....	b
KUKR	Latham.....	b	KUQF	Martha Washington.....	b
KUKS	Eastern Merchant.....	b	KUQG	Padnsay.....	b
KUKT	Conejos.....	b	KUQJ	West Nivaria.....	b
KUKV	West Hlxton.....	b	KUQK	West Keats.....	b
KUKX	Collingsworth.....	b	KUQL	Pulaski.....	b
KUL	Louisiana.....	b	KUQM	Las Vegas.....	b
KULB	Pinellas.....	b	KUQN	J. F. Fenrose.....	b
KULC	Chickamauga.....	b	KUQP	Unicoi.....	b
KULD	Lake Geyser.....	b	KUQQ	Conehatta.....	b
KULF	Fishkill.....	b	KUQR	Everett.....	b
KULG	Darien.....	b	KUQS	Margaret.....	b
KULJ	Eastern Pilot.....	b	KUQT	Eastern Dawn.....	b
KULK	Eastern Trader.....	b	KUQU	Juvigny.....	b
KULL	Donalk McKay.....	b	KUQZ	Montfaucon.....	b
KULM	Ario.....	b	KUR	Georgia.....	b
KULN	Arizpa.....	b	KURB	Hinckley.....	b
KULP	Toopi.....	b	KURC	Cathwood.....	b
KULQ	Fylos.....	b	KURD	Arcturus.....	b
KULR	Vallonia.....	b	KURF	Chappaqua.....	b
KULS	Outagamie.....	b	KURG	Artigas.....	b
KULT	Commack.....	b	KURJ	J. L. Reiss.....	b
KULV	San Juan.....	b	KURK	Fleetco.....	b
KULX	Otho.....	b	KURL	John R. Gibbons.....	b
KULZ	Lyndonias.....	b	KURM	Eastern Admiral.....	b
KUM	Texas.....	b	KURN	Manatee.....	b
KUMB	Lake Ganado.....	b	KURP	Salaam.....	b
KUMC	Utacarbon.....	b	KURR	Henry Steers.....	b
KUMF	Dunsyre.....	b	KURS	Pilgrim.....	b
KUMG	Homer.....	b	KURT	Brookline.....	b
KUMK	Freeport Sulphur No. 5.....	b	KURV	Ohonkara.....	b
KUML	Oklahoma City.....	b	KURX	Eastern Coast.....	b
KUMN	West Calera.....	b	KURZ	Suboatco.....	b
KUMM	Portola Plumas.....	b	KUS	Florida.....	b
KUMQ	Commerant.....	b	KUSB	Suedco.....	b
KUMR	Colthrops.....	b	KUSC	Sunelseco.....	b
KUMS	Atlantic Sun.....	b	KUSD	Huron.....	b
KUMT	Solitaire.....	b	KUSF	Capital of Nebraska.....	b
KUMV	Lake Glaucus.....	b	KUSG	West Nomentum.....	b
KUMX	Lake Flag.....	b	KUSJ	Occidental.....	b
KUMZ	Lake Hector.....	b	KUSK	City of Reno.....	b
KUN	Neptune.....	b	KUSL	Pioneer.....	b
KUNB	Lake Harminia.....	b	KUSM	John F. Hylan.....	b
KUNC	Lake Gunn.....	b	KUSN	Aquarius.....	b
KUND	Eastern Glade.....	b	KUSP	Crown City.....	b
KUNF	Eastern Ocean.....	b	KUSQ	Eastern Cloud.....	b
KUNG	Union Liberty.....	b	KUSR	Nemaha.....	b
KUNJ	Evergreen City.....	b	KUSS	William A. Whitney.....	b
KUNK	Neshobee.....	b	KUST	West Camak.....	b
KUNL	Oronoke.....	b	KUSV	Mattole.....	b
KUNM	Wheeling Mold.....	b	KUSX	Baccarat.....	b
KUNN	Jennie R. Morse.....	b	KUSZ	Adria.....	b
KUNP	Freeport Sulphur No. 6.....	b	KUT	Pan-American.....	b
KUNQ	Eastern Crown.....	b	KUTB	Haxtum.....	b
KUNR	Eastern Victor.....	b	KUTC	West Mahwah.....	b
KUNS	City of Vernon.....	b	KUTD	Anna E. Morse.....	b
KUNT	George B. MacKenzie.....	b	KUTF	Eastern Maid.....	b
KUNV	Winona.....	b	KUTG	Delrosa.....	b
KUNZ	Chickasaw City.....	b	KUTJ	Pallas.....	b
KUP	Pennsylvania.....	b	KUTK	City of Lordsburg.....	b
KUPB	Italia.....	b	KUTM	John P. Reiss.....	b
KUPC	Pinthis.....	b	KUTN	Christabel.....	b
KUPD	Eastern Planet.....	b	KUTP	Canco.....	b
KUPF	Hahatonka.....	b	KUTQ	Iroquois.....	b
KUPG	Greenland.....	b	KUTR	Springfield.....	b
KUPJ	West Cahokia.....	b	KUTS	Vacuum.....	b
KUPK	Darden.....	b	KUTT	Birmingham City.....	b
KUPL	Conness Peak.....	b	KUTV	Lake Furnas.....	b
KUPM	Patrick Henry.....	b	KUTX	Richconcal.....	b
KUPN	Capillo.....	b	KUTZ	Rochester.....	b

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

Call signal.	Station.	Call signal.	Station.		
KUU	Brabant.....	b	Sagua.....	b	
KUV	Virginia.....	b	KVOE	Lake Garza.....	b
KUVB	Eastern Glen.....	b	KVOI	Lake Gaspar.....	b
KUVC	City of Weatherford.....	b	KVOO	Lake Yelverton.....	b
KUVD	Argus.....	b	KVOU	Lake Gakona.....	b
KUVF	Sebonac.....	b	KVP	Charles Braley.....	b
KUVG	Eastern Tempest.....	b	KVR	Elinor.....	b
KUVJ	Agron.....	b	KVS	Gulf Queen.....	b
KUVK	Steel Mariner.....	b	KVUA	Lake Ormoc.....	b
KUVL	Steel Trader.....	b	KVUE	Lake Akkra.....	b
KUVM	Iloilo, P. I.....	c	KVUO	Lake Gedney.....	b
KVVP	Hastnal.....	b	KVUU	Lake Hewes.....	b
KUVQ	Johnswood, Mich.....	c	KVV	Koggiung, Alaska.....	c
KUVR	Jordan, Mont.....	c	KVX	Allaguash.....	b
KUVT	Jolee.....	b	KVY	William Isom.....	b
KUVV	Cardonia.....	b	KVZ	Relay.....	b
KUVX	Half Moon.....	b	KWA	Mt. Vernon Bridge.....	b
KUVZ	West Norranus.....	b	KWB	Fort Pitt Bridge.....	b
KUW	New York.....	b	KWC	Morro Castle.....	b
KUX	Munalbro.....	b	KWD	Antilla.....	b
KUXB	West Holbrook.....	b	KWE	Santiago.....	b
KUXC	San Pasqual.....	b	KWF	Cauto.....	b
KUXD	Cuyamaca.....	b	KWH	Port Chatham, Alaska.....	c
KUXF	Loretta.....	b	KWI	Camaguey.....	b
KUXG	Malangas, P. I.....	c	KWJ	Yucca.....	b
KUXJ	Cebu, P. I.....	c	KWK	W. B. Keene.....	b
KUXK	Batangas, P. I.....	c	KWL	Yadkin.....	b
KUXL	Tippecanoe.....	b	KWM	Panuco.....	b
KUXM	Cheboygan, Mich.....	c	KWN	Guantanamo.....	b
KUXN	Miles City, Mont.....	c	KWO	Port Beauclaire, Alaska.....	c
KUXP	Dallas, Tex.....	c	KWP	Sunoil.....	b
KUXQ	Wichita Falls, Tex.....	e	KWQ	Saltchuck, Alaska.....	c
KUXR	John Jay.....	b	KWR	Port Moller, Alaska.....	b
KUXS	Agylla.....	b	KWS	Lost Harbor, Alaska.....	c
KUXT	Long Beach, Calif.....	c	KWT	Palo Alto, Calif.....	b
KUXV	Pedroctas, Calif.....	c	KWU	Katrina Luckenbach.....	b
KUXZ	Honnedaga.....	b	KWV	Sacramento.....	b
KUZ	Coastwise.....	b	KWW	Radioville, Alaska.....	c
KUZB	Cristina.....	b	KWX	Mexico.....	b
KUZC	Hahira.....	b	KWY	Monterey.....	b
KUZD	Jim Sid.....	b	KWZ	Esperanza.....	b
KUZF	Suholco.....	b	KXA	Boston.....	b
KUZG	Sutransco.....	b	KXAA	Lake Alvada.....	b
KUZJ	Suelco.....	b	KXAE	Lake Delancy.....	b
KUZK	Suportco.....	b	KXAI	Lake Galera.....	b
KUZL	Anahuac.....	b	KXAO	Lake Otsquago.....	b
KUZM	Quillwark.....	b	KXAU	Lake Harris.....	b
KUZN	Pansa.....	b	KXB	City of Lowell.....	b
KUZP	Hayden.....	b	KXC	Commonwealth.....	b
KUZQ	Salina.....	b	KXE	Mohawk.....	b
KUZR	Capulin.....	b	KXEA	Lake Pleasant.....	b
KUZS	Ensley City.....	b	KXEE	Lake Marion.....	b
KUZT	Eastern Sailor.....	b	KXEI	Lake Sanford.....	b
KUZV	Dungannon.....	b	KXEO	Lake Gardner.....	b
KUZX	Carib.....	b	KXEU	Lakeville.....	b
KUZZ	Cayo Mambi.....	b	KXF	New Hampshire.....	b
KVA	Apache.....	b	KXG	Archer.....	b
KVAA	Lake Osweya.....	b	KXH	Plymouth.....	b
KVAE	Lake Benbow.....	b	KXI	Priscilla.....	b
KVAI	Socony 82.....	b	KXIE	Calaveras.....	b
KVAO	Socony 83.....	b	KXII	Calico rock.....	b
KVB	Arapahoe.....	b	KXIO	Calispell.....	b
KVC	Comanche.....	b	KXIU	Lake Calistoga.....	b
KVD	Murrino.....	b	KXJ	Providence.....	b
KVE	Munindies.....	b	KXK	Funter, Alaska.....	c
KVEA	Bellota.....	b	KXL	City of Taunton.....	b
KVEI	West Galoc.....	b	KXM	Mohegan.....	b
KVF	Iroquois.....	b	KXN	New Haven.....	b
KVG	Chestnut Hill.....	b	KXO	City of Brockton.....	b
KVH	Huron.....	b	KXOA	Star of Lapland.....	b
KVII	Montclair.....	b	KXOE	Severance.....	b
KVII	Lake Pearl.....	b	KXOI	Standard.....	b
KVIU	Allentown.....	b	KXOU	Lake Lesa.....	b
KVI	Unga Island, Alaska.....	c	KXP	Pequonnock.....	b
KVJ	Walter D. Munson.....	b	KXQ	Chester W. Chapin.....	b
KVK	Cherokee.....	b	KXR	Richard Peck.....	b
KVL	Lenape.....	b	KXS	Boston.....	b
KVM	Mohawk.....	b	KXT	Fairmont.....	b
KVN	Tanamo.....	b	KXU	Westfield.....	b

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

Call signal.	Station.	Call signal.	Station.
KXUA	Lake Geneva.....	WAJ	Jefferson.....
KXUE	Eastern Queen.....	WAK	Valdez.....
KXUI	Lake Lillian.....	WAL	Santa Ana.....
KXUO	Admiral Sims.....	WAM	Juneau.....
KXUU	Coyote.....	WAN	Northwestern.....
KXV	Nelson Lagoon, Alaska.....	WAO	Rajah.....
KXW	Ikatan, Alaska.....	WAP	Lake Crescent.....
KXX	Stephen R. Jones.....	WAQ	Democracy.....
KXY	Lewis K. Thurlow.....	WAR	Cordova.....
KXZ	Felix Taussig.....	WAS	Chester Sun.....
KYA	Kanawha.....	WAT	Skagway.....
KYB	North Wind.....	WAU	Point Loma.....
KYC	Corsair.....	WAV	Philippines.....
KYD	Mount Baker.....	WAW	Admiral Watson.....
KYE	Casiana.....	WAX	Bella.....
KYF	McClellan.....	WAY	Admiral Dewey.....
KYH	Aloha.....	WAZ	Admiral Schley.....
KYK	Karluk, Alaska.....	WBA	Santa Clara.....
KYL	Alitak, Alaska.....	WBAI	Heffron.....
KYM	Armenia.....	WBB	Santa Cecilia.....
KYO	Noma.....	WBC	East Moriches, N. Y.....
KYP	Oneida.....	WBD	Santa Cruz.....
KYR	Undaunted.....	WBE	Cacique.....
KYS	Yosemite.....	WBEI	Airlie.....
KYT	Redondo.....	WBF	Boston, Mass.....
KYU	Mohawk.....	WBG	Venezuela.....
KYV	Ascutey.....	WBH	Colombia.....
KYX	Wana.....	WBI	Chipchung.....
KYZ	Thorobred.....	WBJ	Santa Barbara.....
KZA	Alberta.....	WBK	Saucon.....
KZAA	Middlebury.....	WBM	Redondo.....
KZAE	Lake Linden.....	WBN	Ecuador.....
KZAI	Lake Winthrop.....	WBO	Santa Rosa.....
KZAO	Lake Wilson.....	WBP	Hermosa.....
KZAU	Lake Yahara.....	WBP	Santa Paula.....
KZB	Alicia.....	WBR	Santa Rita.....
KZD	Cornelia.....	WBU	Lake Gravity.....
KZEA	Keketicut.....	WBUE	Lake Greenbrier.....
KZEE	Lake Berdan.....	WBUI	Lake Gretna.....
KZEI	Lake Dyer.....	WBUE	Lake Grogan.....
KZEO	Lake Dancy.....	WBUU	Lake Forney.....
KZEU	Lake Agomak.....	WBV	Cabrillo.....
KZF	Edith.....	WBW	Burrwood, La.....
KZG	Carolyn.....	WBX	Santa Ana.....
KZH	Helen.....	WCA	Tionesta.....
KZIA	Lake Aurice.....	WCB	Juniaata.....
KZIE	Lake Winooski.....	WCC	Chatham, Mass.....
KZII	Lake Belzona.....	WCE	Parthian.....
KZIO	Lake Lilicusun.....	WCEE	Kuwa.....
KZIU	Sagaporack.....	WCF	Favorite.....
KZJ	Jean.....	WCG	Brooklyn, N. Y.....
KZK	Hilton.....	WCH	Huron.....
KZL	Halcyon.....	WCI	Newport, R. I.....
KZO	Margaret.....	WCIA	Bellingham.....
KZOA	Lake Medford.....	WCIE	Eastport.....
KZOE	Lake Arline.....	WCII	Invincible.....
KZOI	Lake Helen.....	WCIO	Lake Lemando.....
KZOO	Lake Indian.....	WCIU	Naiwa.....
KZOU	Lake Orange.....	WCL	Westchester.....
KZP	Evelyn.....	WCO	Wyandotte.....
KZQ	Ruth.....	WCOE	Socony 84.....
KZR	Remlik III.....	WCOI	Socony 92.....
KZS	Santanta.....	WCOO	Liberty.....
KZT	Everett.....	WCOU	Lake Kyttle.....
KZU	United States.....	WCP	Casco.....
KZUI	Oneco.....	WCR	The Harvester.....
KZUE	Kosciuszko.....	WCS	Alpena.....
KZUU	Lake Louise.....	WCT	Theodore Roosevelt.....
KZV	Malden.....	WCU	Conneaut.....
KZW	Melrose.....	WCUA	Lake Forsby.....
KZX	Newton.....	WCUE	Lake Fossil.....
WAA	Alameda.....	WCUO	Lake Franconia.....
WAB	Sangerties.....	WCUU	Lake Fray.....
WAC	Chicago.....	WCV	The Limit.....
WAD	Victoria.....	WCW	Woonsocket.....
WAE	Ketchikan.....	WCX	Cleveland, Ohio.....
WAF	Admiral Farragut.....	WCY	Cape May, N. J.....
WAG	Admiral Sebree.....	WCZ	Illinois.....
WAH	Dora.....	WDA	Pere Marquette.....
WAI	Latouche.....	WDAO	Herman Winter.....

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

Call signal.	Station.	Call signal.	Station.		
WDB	Pere Marquette 19.....	b	WFN	Lake Butler.....	b
WDC	Pere Marquette 17.....	b	WFOA	Hickman.....	b
WDD	Pere Marquette 18.....	b	WFOE	Lewis Luckenbach.....	b
WDE	Pere Marquette 20.....	b	WFOI	Osakis.....	b
WDEI	Crawl Keys.....	b	WFOO	William N. Page.....	b
WDEO	Steadfast.....	b	WFOU	Phoenix Bridge.....	b
WDEU	Bayamo.....	b	WFP	City of Erie.....	b
WDF	Astmahco IV.....	b	WFAQ	City of Buffalo.....	b
WDG	Otsogo.....	b	WFR	State of Ohio.....	b
WDH	Petoskey.....	b	WFS	Seandbee.....	b
WDI	City of Miami.....	b	WFT	Charles O. Jenkins.....	b
WDIA	South Pole.....	b	WFU	F. B. Squire.....	b
WDIE	Wathena.....	b	WFUA	Lake Freezout.....	b
WDIH	Watowan.....	b	WFUE	Lake Frenchton.....	b
WDIO	Westmead.....	b	WFUI	A. E. R. Schneider.....	b
WDIU	West View.....	b	WFUU	Oshkosh.....	b
WDJ	Fall River Mills, Calif.....	c	WFW	Sir Thomas Shaughnessy.....	b
WDK	Susanville, Calif.....	c	WFW	Manitou.....	b
WDL	Lakeland.....	b	WFX	Missouri.....	b
WDN	Ann Arbor No. 3.....	b	WFY	Sialia.....	b
WDO	Ann Arbor No. 4.....	b	WFZ	Coronado.....	b
WDOA	Agwidale.....	b	WGA	City of Seattle.....	b
WDOI	Auburn.....	b	WGAA	Englewood.....	b
WDOI	Cape May.....	b	WGAE	Galesburg.....	b
WDOO	Federal.....	b	WGAI	Morristown.....	b
WDOU	Fort Wayne.....	b	WGAO	Shreveport.....	b
WDP	Ann Arbor No. 5.....	b	WGB	Astmahco III.....	b
WDQ	Ann Arbor No. 6.....	b	WGC	W. F. White.....	b
WDR	Detroit, Mich.....	c	WGD	Oregon.....	b
WDS	City of Grand Rapids.....	b	WGE	Spokane.....	b
WDU	Puritan.....	b	WGEA	Easterner.....	b
WDUA	Lake Frazee.....	b	WGEI	East Indian.....	b
WDUI	Lake Freeborn.....	b	WGG	Tuckerton, N. J.....	c
WDUO	Lake Freed.....	b	WGIA	West Grama.....	b
WDUU	Lake Freeland.....	b	WGIE	Nantahala.....	b
WDV	City of Benton Harbor.....	b	WGJ	Northland.....	b
WDX	Lake Tulara.....	b	WGK	Curacao.....	b
WEA	City of Cleveland III.....	b	WGN	Carl D. Bradley.....	b
WEB	City of Mackinac II.....	b	WGO	Chicago, Ill.....	c
WEC	City of Detroit II.....	b	WGOE	Polar Bear.....	b
WED	Western States.....	b	WGOI	Saccarappa.....	b
WEE	Eastern States.....	b	WGOO	Waubesa.....	b
WEF	City of Detroit III.....	b	WGPU	West Cressy.....	b
WEG	City of St. Ignace.....	b	WGP	President.....	b
WEH	City of Alpena II.....	b	WQQ	City of Puebla.....	b
WEI	E. J. Earling.....	b	WGS	Senator.....	b
WEJ	Samuel Mitchell.....	b	WGT	Western Pride.....	b
WEK	Minnesota.....	b	WGU A	Oskawa.....	b
WEL	C. A. Smith.....	b	WGUI	Brandywine.....	b
WEM	Susquehanna.....	b	WGW	Mount Sterling.....	b
WEN	North American.....	b	WGX	Queen.....	b
WEO	South American.....	b	WGX	Guardian.....	b
WEP	Western King.....	b	WHB	New York, N. Y.....	c
WEQ	Montrolite.....	b	WHC	Columbia.....	b
WER	Puget Sound.....	b	WHE	Philadelphia, Pa.....	c
WES	Point Adams.....	b	WHF	Callao.....	b
WET	West Gotomska.....	b	WHG	W. F. Burrows.....	b
WEU	Western Star.....	b	WHH	Mount Shasta.....	b
WEX	Marquette & Bessemer No. 2.....	b	WHI	New York, N. Y.....	c
WEZ	Ashtabula.....	b	WHJ	Gdansk.....	b
WFA	Georgia.....	b	WHL	Ventura.....	b
WFAE	West Galeta.....	b	WHM	Sonoma.....	b
WFAI	West Hobomac.....	b	WHP	Point Arena.....	b
WFAO	Volunteer.....	b	WHR	Abner Coburn.....	b
WFB	Alabama.....	b	WHS	Stanley Dollar.....	b
WFC	Indiana.....	b	WHT	Whittier.....	b
WFE	Carolina.....	b	WHV	Velero.....	b
WFEA	Eastern King.....	b	WHX	Humboldt.....	b
WFEE	Winding Gulf.....	b	WHZ	Johanna Smith.....	b
WFEI	West Hosokie.....	b	WIA	Silver Shell.....	b
WFEO	Westport.....	b	WIB	Gold Shell.....	b
WFEU	Matanzas.....	b	WIC	Pearl Shell.....	b
WFF	Franklin.....	b	WID	Charles E. Harwood.....	b
WFG	Arizona.....	b	WIE	Edward L. Doheny.....	b
WFH	Avalon.....	b	WIF	Herbert G. Wylie.....	b
WFIA	Western Hope.....	b	WIG	Norman Bridge.....	b
WFII	Major Wheeler.....	b	WIH	C. A. Canfield.....	b
WFJ	Christopher Columbus.....	b	WII	(New Brunswick, N. J. (transmitting)).....	c
WFL	Lake Arthur.....	b		(Belmar, N. J. (receiving)).....	c

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

Call signal.	Station.	Call signal.	Station.
WIJ	Edward L. Doheny, jr.	WKUI	Western Belle
WIN	Colusa	WKUU	West Zeda
WIQ	Frederic R. Kellogg	WKV	Virginian
WIS	E. R. Sterling	WKX	Westward Ho
WIT	George G. Henry	WKW	Abсарока
WIU	Restorer	WKZ	Canoca
WIV	Oscar D. Bennett	WLA	Benj. F. Packard
WIW	J. M. Danziger	WLAA	Sarcoxie
WIX	Harold Walker	WLAE	Barlow
WIY	William Green	WLAI	Lake Grandon
WJA	Andalusia	WLAU	Lake Fluvanna
WJAA	Sangamon	WLC	New London, Conn.
WJAI	Yuma	WLE	Maitland No. 1
WJAO	M. J. Scanlon	WLEA	Lake Farge
WJB	Kermoor	WLEE	Lake Faristell
WJC	Mount Seward	WLEI	Lake Forkville
WJEA	Mojave	WLEO	Lake Catboon
WJEE	Red Cloud	WLFU	Lake Fugard
WJEI	Plainfield	WLF	Coosa
WJEO	Phoenix	WLG	Yucatan
WJF	Teresa	WLH	Fort Brage
WJG	Porto Rico	WLJ	Westbrook
WJIA	West Zucker	WLIA	Santa Teresa
WJIE	Guimba	WLII	Goree
WJII	Oskaloosa	WLIO	Nantasket
WJIO	Independence	WLJ	Monticello
WJIU	Schenectady	WLL	Greenwood
WJJ	Florida	WLM	Warszawa
WJL	Wachusett	WLN	Black Arrow
WJM	J. C. Donnell	WLO	Orion
WJN	Munaires	WLOO	Cadaretta
WJO	Nyanza	WLOU	Barkhamstead
WJOA	West Eicasco	WLQ	Sab'ne Sun
WJOE	West Eldara	WLR	Floridian
WJOI	West Loquassuck	WLS	Princess Matoika
WJOO	West Madaket	WLT	Neuse
WJOU	West Kyska	WLU	Pawnee
WJP	Tunica	WLUI	Alamosa
WJQ	Western Front	WLUO	Alcona
WJR	W. M. Tupper	WLUU	Ingold
WJS	Amphion	WLX	Ida
WJU	Osage	WLX	Pequot
WJUI	Cohasset	WLY	Poznam
WJUU	Magunkook	WIZ	Montpelier
WJV	Guaro	WMA	Multnomah
WJW	Wyandotte	WMAA	Lake Furley
WJZ	Newark, N. J.	WMAE	Cowanshannock
WKA	Alaskan	WMAI	Cowboy
WKAE	Socony 85	WMAO	Cowee
WKAI	Lake Zaliski	WMD	West Shore
WKAU	Lake Pickaway	WMEA	Costilla
WKAU	Lake Copley	WME	Cote Blanche
WKB	Arizonan	WMEI	Cotopaxi
WKD	Dakotan	WMEQ	Cottonplant
WKE	Kentuckian	WMEU	Cottonwood
WKEA	Lake Deval	WMF	Celilo
WKEE	Lake Cahoon	WMG	Wapama
WKEI	Lake Ypsilanti	WMI	Minnesota
WKEO	Goodspeed	WMIO	W. H. McGean
WKF	American	WMIU	Charles L. Hutchinson
WKG	S. M. Spalding	WMJ	Ernest H. Meyer
WKH	Hollywood	WMK	Hyades
WKII	Eastern Light	WML	Lurline
WKIO	Eastern Shore	WMM	Freeman
WKIU	Eastern Cross	WMN	Enterprise
WKJ	Iowan	WMO	Wihelmina
WKK	Isaac L. Rice	WMOA	Tillamook
WKL	Mexican	WMP	Matsonia
WKM	Minnesotan	WMQ	Manoa
WKO	Oregonian	WMR	Maui
WKOQ	Connersville	WMS	Wahkeena
WKOU	Central American	WMT	Point Bonita
WKP	Pennsylvanian	WMUA	Wheaton
WKP	Ohioan	WMUE	Cokato
WKR	Panaman	WMUI	Charlot
WKS	West Arrow	WMUO	Panola
WKT	Texan	WMV	Kermit
WKU	Hawaiian	WMY	A. M. Byers

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

Call signal.	Station.	Call signal.	Station.
WMZ	Honolulu.....	WQD	Hisko.....
WNAA	Craincreek.....	WQE	Harvey H. Brown.....
WNAE	Cranenest.....	WQEA	Lithopolis.....
WNAI	Craycroft.....	WQEE	Everglades.....
WNAO	Lake Callicoon.....	WQEO	West Zula.....
WNAU	Lake Fresco.....	WQEU	Canibas.....
WNB	El Capitan.....	WQF	Harry W. Croft.....
WNC	Wabash.....	WQG	Fayette Brown.....
WND	Windber.....	WQH	M. A. Bradley.....
WNE	Nushagak.....	WQI	Costa Rica.....
WNEA	Lake Charlottesville.....	WQIA	Mexoll.....
WNEO	Dio.....	WQII	Holbrook.....
WNF	Hattie Luckenbach.....	WQIO	Neponset.....
WNG	Otto M. Reiss.....	WQJ	Sarah Weems.....
WNH	Clemens A. Reiss.....	WQOA	Tipton.....
WNI	William A. Reiss.....	WQOE	Garfield.....
WNIE	Agawam.....	WQOI	Tolo.....
WNII	Challenger.....	WQOT	Rappahannock.....
WNIO	Fython.....	WQR	Nansemond.....
WNIU	Cornucopia.....	WQS	Artemis.....
WNK	Richard J. Reiss.....	WQT	Watauga.....
WNL	Lake St. Clair.....	WQU	Cuba.....
WNM	Florence Luckenbach.....	WQUA	Cokesbit.....
WNN	Belfast, Me.....	WQUE	Edgecombe.....
WNP	Platades.....	WQUO	Iconium.....
WNQ	Frederic Ewing.....	WQUU	Jacoma.....
WNR	Rush.....	WQW	Jaannette Skinner.....
WNS	Kvichak.....	WQZ	West Eagle.....
WNU	New Orleans, La.....	WRA	O. A. Hermanson.....
WNUO	Brookdale.....	WRAE	Alabama.....
WNV	Hatteras.....	WRAI	Allegheny.....
WNW	San Ramon.....	WRB	Berlin.....
WNX	Peter Reiss.....	WRC	Silverado.....
WNY	New Brunswick, N. J.....	WRD	D. G. Scofield.....
WNZ	F. J. Luckenbach.....	WRE	J. A. Moffett.....
WOA	Admiral Rodman.....	WREA	West Lashaway.....
WOD	Beaumont, Tex.....	WREE	Wauconda.....
WOF	Horace X. Baxter.....	WREI	Quistconck.....
WOG	Fred Baxter.....	WREO	Zirkel.....
WOJ	Iris.....	WREU	Governor John Lind.....
WOL	Los Angeles.....	WRF	Amelia.....
WOM	William A. McKenney.....	WRG	Annetta.....
WON	La Brea.....	WRH	Harvard.....
WOP	Lake Elizabeth.....	WRI	Paraiso.....
WOT	Coalinga.....	WRIE	Lake Gorin.....
WOV	Venetia.....	WRIO	Star 1.....
WOW	Henry J. Biddle.....	WRJ	Admiral Goodrich.....
WOX	Levi G. Burgess.....	WRN	Siboney.....
WOY	Queen II.....	WRO	Middlesex.....
WPAE	Sag Harbor.....	WROA	Westpool.....
WPAI	Yomachichi.....	WROE	Indianapolis.....
WPAO	Wilsox.....	WROI	Lydia.....
WPC	Tyee.....	WROO	E. L. Doheny, 3rd.....
WPE	Tatoosh.....	WRS	Suffolk.....
WPH	S. M. Fischer.....	WRUO	Quittacas.....
WPI	Independent.....	WRV	Alliance.....
WPIE	Corrales.....	WRX	Ozama.....
WPII	Corsicana.....	WRY	Yale.....
WPIO	Lake Fostoria.....	WRZ	Rainier.....
WPIU	Lake Fouché.....	WSA	East Hampton, N. Y.....
WPJ	Mount Summit.....	WSAE	Apalachee.....
WPK	Florence Olson.....	WSAO	Alabat.....
WPL	Seafarer.....	WSC	Siasconset, Mass.....
WPN	Pioneer.....	WSD	Redwood.....
WPOO	Washtenaw.....	WSE	New York, N. Y. (see Babylon).....
WPOU	Charles M. Everest.....	WSEA	Defiance.....
WPQ	Zapora.....	WSEE	W. L. Steed.....
WPR	Ensenada, P. R.....	WSEI	Cricket.....
WPS	Starr.....	WSEO	Lake Fondulac.....
WPUE	Caddopeak.....	WSEU	Lake Buckeye.....
WPUI	Callabastas.....	WSF	Admiral Wainwright.....
WPUO	Cascade.....	WSG	Norwood.....
WPUU	Coaxet.....	WSI	Santa Inez.....
WPV	H. M. Whitney.....	WSJ	Santa Alicia.....
WPW	James S. Whitney.....	WSK	New York, N. Y.....
WPX	Oneonta.....	WSM	Fair Oaks.....
WPY	Wailula.....	WSO	Marion, Mass. (transmitting); Chatham, Mass. (receiving).....
WQAU	Hoosac.....		

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

Call signal.	Station.	Call signal.	Station.		
WSOE	Mount Rainier.....	b	WVEU	Isanti.....	b
WSOI	West Sequana.....	b	WVIA	Lake Gormanla.....	b
WSOO	Crathorne.....	b	WVIE	Yamhill.....	b
WSP	Westhampton.....	b	WVIU	Lake Govan.....	b
WSQ	Vizcaya.....	b	WVO	Davao, P. I.....	c
WSR	Reuce.....	b	WVOE	Couparle.....	b
WSS	St. Nicholas.....	b	WVOI	Courtois.....	b
WST	Rockland, Me.....	c	WVOO	Coushatta.....	b
WSU	Republic.....	b	WVOU	Coutolene.....	b
WSUA	West Helix.....	b	WVS	Jolo, P. I.....	c
WSUE	West Wauna.....	b	WVT	Malabang, P. I.....	c
WSUI	West Waunake.....	b	WVUA	Courageous.....	b
WSUU	Lake Gradan.....	b	WVUE	J. B. Stetson.....	b
WSW	Willamette.....	b	WVV	Puerto Princesa Paragua, P. I.....	c
WSZ	Bremerton.....	b	WVW	Zamboanga, P. I.....	c
WTAA	Lake Beacon.....	b	WVX	Cuyo, P. I.....	c
WTAE	Lake Desha.....	b	WVY	San Jose, P. I.....	c
WTAI	Lake Mattato.....	b	WVA	China.....	b
WTAO	Lake Licoco.....	b	WVC	Western Wave.....	b
WTC	Lansing.....	b	WVD	Arcadia.....	b
WTD	Oleum.....	b	WVE	Manchuria.....	b
WTE	Tamesi.....	b	WVF	City of Para.....	b
WTEE	Cedar Spring.....	b	WVH	Newport.....	b
WTEI	Ceralvo.....	b	WVK	Western Queen.....	b
WTEO	Cerosco.....	b	WVL	San Jose.....	b
WTEU	Coperas.....	b	WVM	San Juan.....	b
WTF	Westwood.....	b	WVN	Mongolia.....	b
WTG	Santa Rita.....	b	WVP	Ausable.....	b
WTH	Westlake.....	b	WWR	Rose City.....	b
WTH	Socony 90.....	b	WWS	Alaska.....	b
WTIO	Socony 94.....	b	WXAA	Ozaukee.....	b
WTIU	Deerfield.....	b	WXAO	Danebrog.....	b
WTJ	Sutherland.....	b	WXAU	Keota.....	b
WTL	Lyman Stewart.....	b	WXEA	Western Scout.....	b
WTM	W. S. Porter.....	b	WXEI	Western Comet.....	b
WTN	Wm. F. Herrin.....	b	WXEO	West Cape.....	b
WTO	Frank H. Buck.....	b	WXEU	Yukon.....	b
WTOI	Belair.....	b	WXIA	Victorious.....	b
WTOO	Toiler.....	b	WXOA	Cowiche.....	b
WTOU	Coulee.....	b	WXOE	Crabtree.....	b
WTQ	El Segundo.....	b	WXOI	Craigownie.....	b
WTR	Richmond.....	b	WXOO	Craigsmere.....	b
WTS	Col. E. L. Drake.....	b	WXUA	Beaumont.....	b
WTT	Atlas.....	b	WXUI	Hampden.....	b
WTU	S. O. Co. No. 91.....	b	WXUO	Monmouth.....	b
WTUE	Laurel.....	b	WZAA	L. J. Drake.....	b
WTUI	Calvert.....	b	WZAE	West Humhaw.....	b
WTUO	Houma.....	b	WZAU	E. C. Pope.....	b
WTUU	West Mahomet.....	b	WZEA	Saxon.....	b
WTV	Captain A. F. Lucas.....	b	WZEU	Maruba.....	b
WTW	Ossineke.....	b	WZIU	North Pines.....	b
WTX	Asuncion.....	b	WZIO	Admiral Mayo.....	b
WTY	S. O. Co. No. 93.....	b	WZIU	Western Plains.....	b
WTZ	S. O. Co. No. 95.....	b	WZOA	Lake Graphite.....	b
WVAA	Coquina.....	b	WZOE	Lake Gratts.....	b
WVAE	Corapeak.....	b	WZOI	Lake Grattan.....	b
WVAI	Corcoran.....	b	WZOO	Lake Gravella.....	b
WVAO	Conotton.....	b	WZOU	Lake Gravett.....	b
WVAU	Contoocook.....	b	WZUA	Norfolk.....	b
WVEI	Basco.....	b	WZUE	Newburgh.....	b

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

[This table includes all Government land radio stations of the United States. Wave lengths in *italics* (in this table only) are used for "listening in."]

Station.	Call signal.	Wave lengths.	Serv-ice.	Station controlled by—
Alpena, Mich.....	NSM	600, 1200	PG	U. S. Navy.
Ambrose Channel Light Vessel.....	NALS	600	O	Do.
Anacostia, D. C.....	NSF	<i>507, 800, 2250</i>	O	Do.
Annapolis, Md.....	NSS	17145	O	Do.
Astoria, Oreg.....	NUZ	<i>4525, 5000</i>	O	Do.
Atka Island, Alaska.....	WJI	900	O	U. S. Department of Interior.
Balboa, C. Z.....	NBA	<i>600, 975, 2250, 2400, 3960, 10110</i>	PG	U. S. Navy.
Baltimore, Md.....	NBZ	600, 700	PG	Do.
Bar Harbor, Me.....	NBD	<i>600, 975, 2400, 2750, 3700, 3860</i>	PG	Do.
Bellefonte, Pa.....	WWQ	3450, 3800	O	Post Office Department.
Blunts Reef Light Vessel.....	NACT	600	O	U. S. Navy.
Boston, Mass.....	NAD	<i>600, 975, 2250, 3860, 5000</i>	O	Do.
Boston Light Vessel.....	NADX	600	O	Do.
Boston, Mass.....	WZAA	.....	O	U. S. Army.
Brenton Reef Light Vessel.....	NASB	600	O	U. S. Navy.
Brunswick Light Vessel.....	NABX	600	O	Do.
Buffalo, N. Y.....	NNZ	600, 1200	PG	Do.
Calumet, Mich.....	NUG	600, 1200	PG	Do.
Camp Alfred Vail, N. J.....	WUBA	.....	O	U. S. Army.
Camp John Hay, P. I.....	WUCB	.....	O	Do.
Camp Stotsenburg, P. I.....	WUCA	.....	O	Do.
Cape Charles Light Vessel.....	NAJV	600	O	U. S. Navy.
Cape Hatteras, N. C.....	NDW	<i>600, 975, 1620</i>	PG	Do.
Cape Lookout Shoals Light Vessel.....	NABV	600	O	Do.
Cape Mala, Panama.....	NNT	600, 1908	PG	Do.
Cape May, N. J.....	NSD	<i>507, 600, 975, 1688, 2750</i>	O	Do.
Cavite, P. I.....	NPO	<i>600, 975, 2400, 2700, 3960, 5200, 12100</i>	PG	Do.
Cayey, P. R.....	NZR	10510	O	Do.
Charleston, S. C.....	NAO	<i>600, 975, 2250, 2400, 3960, 4800</i>	PG	Do.
Charleston Light Vessel.....	NAZJ	600	O	Do.
Chatham, Mass.....	NXA	<i>507, 600, 975, 1988</i>	O	Do.
Cheyenne, Wyo.....	KDEG	2900, 3800	O	Post Office Department.
Chicago, Ill.....	NUR	600, 1200	PG	U. S. Navy.
Chicago, Ill.....	KDQA	.....	O	Post Office Department.
Cincinnati, Ohio.....	KDQC	3600, 3800	O	Do.
Circle City, Alaska.....	WVA	1280	O	U. S. Army.
Cleveland, Ohio.....	NRH	<i>600, 1080, 2400, 3250</i>	PG	U. S. Navy.
Cleveland, Ohio.....	WWO	.....	O	Post Office Department.
Coco Solo, C. Z.....	NNL	<i>507, 800, 2750</i>	O	U. S. Navy.
College Park, Md.....	WWX	3650, 3800	O	Post Office Department.
Colon, C. Z.....	NAX	<i>600, 975, 1620</i>	PG	U. S. Navy.
Columbia River Light Vessel.....	NAJT	600	O	Do.
Cordova, Alaska.....	NPA	<i>600, 975, 2400, 2700, 3960, 5850, 7500</i>	PG	Do.
Cornfield Point Light Vessel.....	NASC	600	O	Do.
Craig, Alaska.....	WXO	600	O	U. S. Army.
Cross Rip Light Vessel.....	NAQB	600	O	U. S. Navy.
Detroit, Mich.....	NRQ	600, 1430	O	Do.
Diamond Shoals Light Vessel.....	NITQ	600	O	Do.
Duluth, Minn.....	NUX	600, 1200	PG	Do.
Dutch Harbor, Alaska.....	NPR	<i>600, 975, 2250</i>	PG	Do.
Elko, Nev.....	KDEJ	2200, 3400	O	Post Office Department.
Eureka, Calif.....	NPW	<i>600, 975, 2400, 2650</i>	PG	U. S. Navy.
Fairbanks, Alaska.....	WVB	1500	O	U. S. Army.
Farallons, Calif.....	NPI	<i>600, 975, 1620</i>	O	U. S. Navy.
Fenwick Island Shoal Light Vessel.....	NAJS	600	O	Do.
Fire Island Light Vessel.....	NLS	600	O	Do.
Five Fathom Bank Light Vessel.....	NADV	600	O	Do.
Fort Adams, R. I.....	WUU	100-4400	O	U. S. Army.



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

Station.	Call signal.	Wave lengths.	Ser-vice.	Station controlled by—
Fort Andrews, Mass.....	WUA	1100	O	U. S. Army.
Fort Barrancas, Fla.....	WZD	600, 800, 1000, 1150, 1230	O	Do.
Fort Benjamin Harrison, Ind.....	WZAE		O	Do.
Fort Bliss, Tex.....	WZO	3100, 6000, 7000, 8000, 10000	O	Do.
Fort Brown, Tex.....	WUZ	1350, 1700, 2100, 2700, 3100, 4700, 6300, 7000	O	Do.
Fort Casey, Wash.....	WZJ	500	O	Do.
Fort Caswell, N. C.....	WUT	825	O	Do.
Fort Constitution, N. H.....	WZE	300, 400, 500, 600, 700, 800, 900, 1000	O	Do.
Fort Crockett, Tex.....	WUX	500, 900	O	Do.
Fort Dade, Fla.....	WZK	825	O	Do.
Fort Drum, P. I.....	WVP	430	O	Do.
Fort DuPont, Del.....	WZN		O	Do.
Fort Egbert, Alaska.....	WVC	1500	O	Do.
Fort Frank, P. I.....	WVL		O	Do.
Fort Gibbon, Alaska.....	WVD	2000	O	Do.
Fort Hancock, N. J.....	WUB	1200	O	Do.
Fort H. G. Wright.....	WUC	600	O	Do.
Fort Howard, Md.....	WZAC		O	Do.
Fort Howard, Md.....	WZB	600, 825, 1200	O	Do.
Fort Huachuca, Ariz.....	WZP	2300, 2750	O	Do.
Fort Leavenworth, Kans.....	WUD	1800	O	Do.
Fort Levett, Me.....	WUE	300-1300	O	Do.
Fort Mason, Calif.....	WZAH		O	Do.
Fort McIntosh, Tex.....	WUH	1350, 1665, 1975, 2275, 2550, 3050	O	
Fort McPherson, Ga.....	WZAD		O	Do.
Fort Mills, P. I.....	WVN	300, 600, 825, 1200	O	Do.
Fort Mills, P. I.....	WVZ	600	O	Do.
Fort Monroe, Va.....	WUF	400, 600, 825, 1100	O	Do.
Fort Monroe, Va.....	WUG	600, 825	O	Do.
Fort Moultrie, S. C.....	WZF	600, 825	O	Do.
Fort Omaha, Nebr.....	WZAG		O	Do.
Fort Riley, Kans.....	WUI	1200	O	Do.
Fort St. Philip, La.....	WXQ	450, 600, 1100	O	Do.
Fort Sam Houston Tex.....	WUJ	3100, 4700, 6300, 7500, 9500	O	Do.
Fort San Jacinto, Tex.....	WUY	300, 1200	O	Do.
Fort Screven, Ga.....	WZA	825	O	Do.
Fort Sheridan, Ill.....	WZAF		O	Do.
Fort Stevens, Oreg.....	WUK	1100	O	Do.
Fort St. Michael, Alaska.....	WVE	600, 900	O	Do.
Fort Morgan, Ala.....	WUR	600, 1200	O	Do.
Fort Rosecrans, Calif.....	WUS	300, 575	O	Do.
Fort Sill, Okla.....	WUBD		O	Do.
Fort Story, Va.....	WXZ	360, 525, 825, 1100	O	Do.
Fort Terry, N. Y.....	WUW	200-1050	O	Do.
Fort Totten, N. Y.....	WUL	600, 800, 1100, 1200	O	Do.
Fort Travis, Tex.....	WXP	600, 900	O	Do.
Fort Washington, Md.....	WXG	825, 1200	O	Do.
Fort Whitman, Wash.....	WZC	400, 1100	O	Do.
Fort Winfield Scott, Calif.....	WUO	1100	O	Do.
Fort Wint, P. I.....	WVR	1200	O	Do.
Fort Wood, N. Y.....	WZAB		O	Do.
Fort Worden, Wash.....	WUN	1200	O	Do.
Fort Yukon, Alaska.....	WXX	600	O	Do.
Frying Pan Shoals Light Vessel.....	NLC	600	O	U. S. Navy.
Galveston, Tex.....	NKB	600, 975, 1813	PG	Do.
Great Lakes, Ill.....	NAJ	607, 600, 1988, 4900, 5960	O	Do.
Great Round Shoals Light Vessel.....	NABJ	600	O	Do.
Guam, Guam.....	NPN	600, 975, 2250, 2400, 3960, 5950, 9145	PG	Do.
Guantanamo, Cuba.....	NAW	160, 607, 600, 975, 2400, 2750, 3960, 4525	PG	Do.

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

Station.	Call signal.	Wave lengths.	Serv-ice.	Station controlled by—
Handkerchief Light Vessel.....	NAQS	600	O	U. S. Navy.
Heald Bank Light Vessel.....	NLP	600	O	Do.
Hedge Fence Light Vessel.....	NATD	600	O	Do.
Heeia Point, Hawaii.....	NPM	8875	O	Do.
Hen and Chickens Light Vessel.....	NAPP	600	O	Do.
Holy Cross, Alaska.....	WVK	600	O	U. S. Army.
Honolulu, Hawaii.....	NPM	507, 600, 975, 2250, 2400, 2650, 3950, 4800	O	U. S. Navy.
Iditarod, Alaska.....	WXL	300, 500, 600, 1650	O	U. S. Army.
Indian Head, Md.....	NBG			
Juneau, Alaska.....	NVD	600, 975, 2250	PG	U. S. Navy.
Jupiter, Fla.....	NAQ	600, 975, 1688	PG	Do.
Kanakanak, Alaska.....	KGU		O	U. S. Department of Interior.
Ketchikan, Alaska.....	NVH	800, 875, 2400, 650, 4525, 5000	PG	U. S. Navy.
Key West, Fla.....	NAR	800, 975, 1988, 2400, 3950, 5700	PG	Do.
Kodiak, Alaska.....	NPS	600, 975, 1688	PG	Do.
Kotlik, Alaska.....	WVF	600, 800	O	U. S. Army.
Lakehurst, N. J.....	NEL	507	O	U. S. Navy.
La Palma, Panama.....	NNW	600, 1815	O	Do.
Livengood, Alaska.....	WUV	300, 600	O	U. S. Army.
Mackinac Island, Mich.....	NUD	600, 975	O	U. S. Navy.
Managua, Nicaragua.....	NAZ	600, 975, 1832	O	Do.
Manati, Cuba.....	NMB			
Manila, P. I.....	WVU	600	O	U. S. Army.
Manistique, Mich.....	NUB	600, 1200	PG	U. S. Navy.
Marshfield, Oreg.....	NPF	600, 975, 1948	PG	Do.
Martin's Industry Light Vessel.....	NART	600	O	Do.
McGrath, Alaska.....	WXV		O	U. S. Army.
Miami, Fla.....	NGE	600, 975, 1620	PG	U. S. Navy.
Milwaukee, Wis.....	NUK	600, 975	PG	Do.
Minneapolis, Minn.....	KDPB			Post Office Department.
Mobile, Ala.....	NGT	600, 975, 1654	O	U. S. Navy.
Moorehead City, N. C.....	NAN	600, 975, 1654	O	Do.
Nantucket Shoals Light Vessel.....	NLA	600	O	Do.
Naval Academy, Annapolis, Md.....	NAK	600, 975, 1620	O	Do.
Navassa Island, W. I.....	NKC	365, 600	O	Do.
Newark, N. J.....	WWU		O	Post Office Department.
New Orleans, La.....	NAT	600, 975, 1832, 2400, 3950, 4650	O	U. S. Navy.
Newport, R. I.....	NAF	150, 600, 975, 1908	O	Do.
New York, N. Y.....	NAH	150, 600, 975, 1832, 2400	O	Do.
New York, N. Y.....	KUVS	300, 400, 600	O	Police Department of New York, N. Y.
Nome, Alaska.....	WVG	600, 2000, 2500, 3000	O	U. S. Army.
Norfolk, Va.....	NAM	150, 600, 975, 1851, 2400, 2950, 3950, 5450	O	U. S. Navy.
Northeast End Light Vessel.....	NARS	600	O	Do.
North Head, Wash.....	NPE	600, 975, 2400, 2700	PG	Do.
North Platte, Nebr.....	KDHM	2900, 3400	O	Post Office Department.
Nulato, Alaska.....	WVH	1400	O	U. S. Army.
Olongapo, P. I.....	NPT	600, 975, 1908	O	U. S. Navy.
Omaha, Nebr.....	KDEF	1050, 2900	O	Post Office Department.
Overfalls Light Vessel.....	NAKT	600	O	U. S. Navy.
Parris Island, S. C.....	NAV	365, 600, 975	O	Do.
Pearl Harbor, Hawaii.....	NPM	11500	O	Do.
Peking, China.....	NPP	975, 1908, 3950, 4525	O	Do.
Pensacola, Fla.....	NAS	507, 600, 975, 2250	PG	Do.
Petersburg, Alaska.....	WVI	500	O	U. S. Army.
Philadelphia, Pa.....	NAI	600, 975, 1948	O	U. S. Navy.
Point Arguello, Calif.....	NPK	600, 975, 1688	PG	Do.
Point Isabel, Tex.....	NAY	600, 975, 2250, 2400, 3950, 5000	PG	Do.
Pollock Rip Shue Light Vessel.....	NAFT	600	O	Do.
Pollock Rip Light Vessel.....	NANS	600	O	Do.
Port Arthur, Tex.....	NJY	600, 975, 1620	PG	Do.
Port au Prince, Haiti.....	NSC	600, 975, 2250, 2400, 3825, 3950	PG	Do.

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

Station.	Call Signal.	Wave lengths.	Service.	Station controlled by—
Port Eads, La.....	WZH	.....	O	U. S. Army.
Portland Light Vessel.....	NAMS	600	O	U. S. Navy.
Portsmouth, N. H.....	NAC	600, 975, 1813	O	Do.
Puerto Obaldia, Panama.....	NRK	600, 1988	O	Do.
Puget Sound, Wash.....	NPZ	600, 975, 1988, 3950, 5450, 7100	PG	Do.
Quantico, Va.....	NFV	507, 600, 975	O	Do.
Ram Island Reef Light Vessel.....	NARX	600	O	Do.
Reno, Nev.....	KDEK	2200, 2800	O	Post Office Department.
Rockaway Beach, N. Y.....	NBT	607, 2250	O	U. S. Navy.
Rock Springs, Wyo.....	KDHN	2300, 3200	O	Post Office Department.
Salt Lake City, Utah.....	KDEH	2200, 3600	O	Do.
San Diego, Calif.....	NPL	507, 600, 975, 1988, 2400, 3950, 5200, 9800	PG	U. S. Navy.
San Domingo City, D. R.....	NJG	.....	.....	.....
San Francisco, Calif.....	NPG	150, 600, 975, 1908, 2250, 2400, 2750, 3950, 4650, 7900	O	Do.
San Francisco, Calif., Light Vessel.....	NAKS	600	O	Do.
San Juan, P. R.....	NAU	3950, 5200, 600, 975, 2400, 2750	PG	Do.
San Pedro, Calif.....	NPX	150, 600, 975, 1851, 2400, 2750, 3250, 3950	PG	Do.
Savannah, Ga.....	NEV	600, 975, 1813	PG	Do.
Sayville, N. Y.....	NDD	7800, 9800	O	Do.
Scotland Light Vessel.....	NARV	600	O	Do.
Seattle, Wash.....	NVL	600, 700	PG	Do.
Seward, Alaska.....	NPV	600, 1908	PG	Do.
Shanghai, China.....	WZI	.....	O	War Department.
Sitka, Alaska.....	NPB	600, 975, 2400, 2850, 3950, 4800	PG	U. S. Navy.
South Pass Light Vessel.....	NAGT	600	O	Do.
St. Augustine, Fla.....	NAP	600, 975, 1851	PG	Do.
St. Croix, V. I.....	NNI	450, 600	PG	Do.
St. George, Alaska.....	NPY	600, 675	PG	Do.
St. Louis, Mo.....	KDEL	3750, 3800	O	Post Office Department.
St. Paul, Alaska.....	NPQ	600, 975, 2650, 3950, 5700	PG	U. S. Navy.
St. Petersburg, Fla.....	NGL	600, 2400, 2700	PG	Do.
St. Thomas, V. I.....	NBB	600, 975, 1688	PG	Do.
Stone Horse Shoal Light Vessel.....	NANT	600	O	Do.
Swiftsure Bank Light Vessel.....	NABT	600	O	Do.
Tail of Horseshoe Light Vessel.....	NAZR	600	O	Do.
Tatoosh, Wash.....	NPD	600, 700	PG	Do.
Tongshan, China.....	WJD	.....	O	War Department.
Tien-Tsin, China.....	WYX	.....	O	Do.
Tutuila, Samoa.....	NPU	600, 975, 2400, 2250, 3950, 4525	PG	U. S. Navy.
Umatilla Reef Light Vessel.....	NACV	600	O	Do.
Vineyard Sound Light Vessel.....	NACX	600	O	Do.
Virginia Beach, Va.....	NCZ	507	O	Do.
Vladivostok, Siberia.....	NPH	3950, variable	O	Do.
Washington, D. C. (Arlington).....	NAA	600, 975, 2850, 3950, 5950	PG	Do.
Washington, D. C. (Navy Yard).....	NAL	600, 975, 2250, 2650, 3950, 5950	O	Do.
Washington, D. C. (Signal Corps laboratory).....	WUP	.....	O	U. S. Army.
Washington, D. C. (Bureau of Standards).....	WUQ	.....	O	Do.
Washington, D. C. (Bureau of Standards).....	WWV	.....	O	Department of Commerce.
Washington, D. C. (Signal Corps laboratory).....	WXY	.....	O	U. S. Army.
Whitefish Point, Mich.....	NZT	600, 800	O	U. S. Navy.
Winter Quarter Shoals Light Vessel.....	NADT	600	O	Do.
Wrangell, Alaska.....	WVJ	475	O	U. S. Army.

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

[All naval stations are open to general public service and maintain a continuous service. The normal wave length is 600 meters, but all vessels are equipped to transmit and receive on a wave length of 300 meters.]

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Aaron Ward	NELX	Borie	NULL	Cincinnati	NISN
Abarenda	NOB	Boston	NGC	Claxton	NEQZ
Abbot	NEZS	Bothwell (C. G. C.)	NEKD	Clemson	NEZT
Acushnet (C. G. C.)	NRU	Boyce (C. G. C.)	NISD	Cleveland	NDM
Ajax	NAKD	Branch	NEML	Coast Torpedo Boat	
Alameda	NUGJ	Brant	NAFF	No. 6	NIFT
Albany	NBJ	Brazos	NIFK	Coghlan	NUPK
Albatross	NQY	Breck	NULZ	Cole	NEST
Alden	NULK	Breckinridge	NERZ	Colhoun	NAJL
Alert	NBL	Breese	NESM	Colonel George Armistead	WYG
Algonquin (C. G. C.)	NRA	Bridge	NOI	Colorado	NECR
Algora	NEVP	Bridgeport	NGR	Columbia	NGA
Allen	NJD	Brooklyn	NFA	Columbine (L. H. T.)	NLL
Amaranth	NAPT	Brooks	NEZX	Comanche (C. G. C.)	NRW
Ammen	NBP	Broome	NEPF	Comfort	NDO
Androscoggin (C. G. C.)	NRD	Bruce	NUPS	Concord	NIKV
Anemone (L. H. T.)	NABP	Brutus	NNA	Connecticut	NDRQ
Annapolis	NBR	Buchanan	NEQS	Conner	NSN
Anthony	NEVS	Buffalo	NCU	Constellation	NEDF
Apache	NACB	Buford	WXA	Constellation (Old)	NEY
Aramis	NARP	Bulmer	NUPN	Constitution	NEBF
Arapaho	NSP	Burns	NAFS	Constitution (Old)	NLZ
Arbutus (L. H. T.)	NAGM	Burnside	WXR	Contook	NELR
Arcata (C. G. C.)	NADD	Burrows	NCV	Converse	NAPM
Arcthusa	NBU	Bush	NETT	Conyngham	NJE
Arizona	NBW	Bushnell	NZC	Cook (C. G. C.)	NIGT
Arkansas	NBV	C-1	NXX	Cormorant	NIKV
Aroostook	NMK	C-2	NXL	Corry	NUOZ
Asheville	NELV	C-3	NXM	Cowell	NETV
Atlantic	NENN	C-4	NXN	Erane	NIFB
Auk	NIJT	C-5	NXO	Craven	NERJ
Audick	NERG	Cadmus	WUAB	Crook	WXB
Avocet	NADP	Caesar	NCY	Crosby	NESZ
Aylwin	NIH	Caldwell	NSI	Crownshield	NADF
Azalea (L. H. T.)	NXU	California	NDF	Eulgoa	NDU
B-1	NXH	Camden	NAPR	Cumberland	NSZ
B-2	NXI	Camandaigua	NCR	Cummings	NIL
B-3	NXJ	Captain A. M. Wetherill	WYT	Curacoa	NAGQ
Babbitt	NEPX	Captain Charles W. Rowell	WYI	Curlew	NIJB
Bache (C. & G. S.)	NLK	Captain Gregory Barrett	WYP	Cushing	NIM
Badger	NEPT	Captain James Forrance	WYM	Cuyama	NOD
Badger, George E.	NUJG	Captain T. M. Morrison	WYZ	Cyan	NIFV
Badger, George E.	NUJG	Cardinal	NAFN	Cygan (C. G. C.)	NICP
Badger, George E.	NUJG	Carr (C. G. C.)	NEXP	Cypress (L. H. T.)	NLM
Badger, George E.	NUJG	Carrabasset	NEVQ	D-1	NXP
Bailey	NVU	Case	NUNX	D-2	NXQ
Bailey	NCF	Cassin	NIK	D-3	NXR
Bainbridge	NUQL	Cayuga	NAFP	Dahlgren	NVZ
Balch	NIJ	Cedar (L. H. T.)	NLW	Dale	NUND
Ballard	NIGN	Celtic	NDB	Dallas	NENM
Baltimore	NCH	Champlin	NEKQ	Davis	NJF
Bancroft	NAJQ	Chandler	NAGL	Decatur	NUQV
Barker	NUJK	Charles Ausburne	NUPR	Delaware	NEK
Barney	NVV	Charles S. Osborne	NABG	De Long	NWB
Barry	NUQP	Charleston	NFE	Delphy	NEZQ
Bath	NHY	Charlotte	NMN	Dent	NEGF
Beale	NCL	Chase, U. S. S.	NUMK	Denver	NEM
Bear (C. G. C.)	NRB	Chattanooga	NGI	Des Moines	NEN
Beaufort	NGP	Chauncey	NIFF	Despatch	NIDF
Beaver	NEQQ	Chemung	NARG	Detroit	NISP
Belknap	NEZZ	Chester	NDG	Dickerson	NAFC
Bell	NATG	Chew	NEMZ	Dix	WXC
Benham	NIJ	Chewink	NIJV	Dixie	NEP
Bernadou	NESS	Cheyenne	NDH	Dobbin	NUNR
Biddle	NVV	Chicago	NDI	Dolphin	NEQ
Billingsley	NUPQ	Childs	NULN	Dorsey	NELG
Birmingham	NCN			Downes	NIN
Bittern	NIJR			Doyen	NIJS
Black Hawk	NAJD			Drayton	NET
Blakely	NVX			Dreadnaught	NCX
Bobolink	NIJJ				
Boggs	NAMT				

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Dubuque.....	NEU	Flamingo.....	NIJN	Hatfield.....	NEZV
Duncan.....	NIR	Florida.....	NFR	Hazelwood.....	NENS
Dupont.....	NWC	Flusser.....	NUNF	Heather (L. H. T.).....	NAKL
Dyer.....	NACN	Foote.....	NWF	Helena.....	NGY
E-1.....	NXS	Ford.....	NUOJ	Henderson.....	NOH
E-2.....	NXT	Fortune.....	NEGS	Henley.....	NHA
Eagle 1.....	NEJB	Fox.....	NWJ	Henry Wilson.....	WZS
Eagle 2.....	NEJC	Frederick.....	NJS	Henshaw.....	NUOJ
Eagle 3.....	NEJD	Fuller.....	NIFG	Herbert.....	NEMJ
Eagle 4.....	NEJF	Fulton.....	NZD	Hercules.....	NEKR
Eagle 5.....	NEJG	G-2.....	NXZ	Herndon.....	NENJ
Eagle 6.....	NEJJ	G-3.....	NYA	Heron.....	NENL
Eagle 7.....	NEJK	G-4.....	NYB	Hibiscus (L. H. T.).....	NAKN
Eagle 8.....	NEJL	Galveston.....	NGD	Hogan.....	NEXT
Eagle 9.....	NEJM	Gamble.....	NEZR	Holland.....	NIRM
Eagle 10.....	NEJN	Gannet.....	NIJX	Hopewell.....	NEXX
Eagle 11.....	NEJP	Gen. Alava.....	NAMG	Hopkins.....	NUQM
Eagle 12.....	NEJQ	Gen. A. M. Randal.....	WYJ	Housatonic.....	NFY
Eagle 13.....	NEJR	Gen. E. O. C. Ord.....	WYF	Houston.....	NGZ
Eagle 14.....	NEJS	Gen. George H. Weeks.....	WZT	Hovey.....	NFPB
Eagle 15.....	NEJT	Gen. G. W. Getty.....	WYS	Howard.....	NIFM
Eagle 17.....	NEJX	Gen. Harvey Brown.....	WYK	Hulbert.....	NUKD
Eagle 18.....	NEJZ	Gen. Henry J. Hunt.....	WYD	Hull.....	NUQT
Eagle 19.....	NEKB	Gen. Henry Knox.....	WYE	Humphreys.....	NURX
Eagle 23.....	NEKG	Gen. J. M. Brannan.....	WZV	Hunt.....	NUJF
Eagle 24.....	NEKJ	Gen. John M. Schofield.....	WXW	Huntington.....	NWV
Eagle 26.....	NEXF	Gen. Miffin.....	WZX	Huron.....	NSX
Eagle 27.....	NEXG	Gen. Nathaniel Green.....	WZR	Hyacinth (L. H. T.).....	NAGV
Eagle 28.....	NEXM	Gen. R. B. Ayres.....	WYL	Idaho.....	NHN
Eagle 29.....	NEXN	Gen. R. H. Jackson.....	WYW	Illinois.....	NHO
Eagle 31.....	NEZG	Gen. Richard Arnold.....	WYY	Indiana.....	NIRS
Eagle 32.....	NEZJ	Gen. R. N. Batchelder.....	WZW	Ingraham.....	NENX
Eagle 33.....	NIBB	Gen. Robert Anderson.....	WYH	Ingram, Osmond.....	NIGF
Eagle 34.....	NIBD	Gen. Robert W. Swart- out.....	WYU	Intrepid.....	NFY
Eagle 35.....	NIBG	Gen. Royal T. Frank.....	WYA	Iowa.....	NIRP
Eagle 36.....	NIBK	Gen. S. B. Holabird.....	WYV	Iris (L. H. T.).....	NALL
Eagle 37.....	NIBM	Gen. S. M. Mills.....	WYB	Iroquois.....	NHV
Eagle 38.....	NIBN	Gen. Timothy Pick- ering.....	WZQ	Isherwood.....	NUNV
Eagle 39.....	NIBF	Georgia.....	NWJ	Israel.....	NENG
Eagle 40.....	NIBJ	Gillis.....	NERR	Itasca.....	NRI
Eagle 41.....	NIBL	Glimmer.....	NERB	Iuka.....	NEVR
Eagle 42.....	NIBP	Glacier.....	NOH	Ivy (L. H. T.).....	NAKV
Eagle 43.....	NIBQ	Goff.....	NUQF	Jacob Jones.....	NEPZ
Eagle 44.....	NIBR	Goldsborough.....	NGJ	Jarvis.....	NIB
Eagle 45.....	NIBS	Gorgona.....	NDJ	Jason.....	NNB
Eagle 46.....	NIBT	Graham.....	NAGJ	Jenkins.....	NID
Eagle 47.....	NIBV	Great Northern.....	NAXL	J. Fred Talbott.....	NIGR
Eagle 48.....	NIBX	Grebe.....	NIKX	Johansson (C. G. C.).....	NICP
Eagle 49.....	NIBZ	Greene.....	NIGM	John D. Edwards.....	NUPC
Eagle 50.....	NICB	Gregory.....	NERT	John Frances Burnes.....	NIGQ
Eagle 51.....	NICD	Gresham (C. G. C.).....	NAJR	Joseph Henry.....	WXT
Eagle 52.....	NICF	Gridley.....	NRG	Jouett.....	NIE
Eagle 53.....	NICG	Gulfport.....	NHM	K-1.....	NYF
Eagle 54.....	NICJ	Gwalia.....	WUAD	K-2.....	NYG
Eagle 57.....	NICK	Gwin.....	NAGX	K-3.....	NYH
Eagle 58.....	NICL	Gypsum Prince.....	WUAC	K-4.....	NYI
Eagle 59.....	NICM	H-2.....	NYD	K-5.....	NYJ
Eagle 60.....	NICN	H-3.....	NYE	K-6.....	NYK
Earp (C. G. C.).....	NEKF	H-4.....	NEQM	K-7.....	NYL
Edsall.....	NEPM	H-5.....	NETG	K-8.....	NYM
Edwards.....	NICL	H-6.....	NEFC	Kalk.....	NIGD
Eider.....	NIKR	H-7.....	NESJ	Kalmia.....	NAZS
El Cano.....	NFD	H-8.....	NELN	Kanawha.....	NND
Elliot.....	NERV	H-9.....	NEBV	Kame.....	NULM
Ellis.....	NIFD	Hale.....	NACL	Kankakee (C. G. C.).....	NUMZ
Ericsson.....	NIS	Hamilton.....	NIFL	Kansas.....	NIO
Evans.....	NEMS	Hancock.....	NHI	Kaweah.....	NUGK
Explorer (C. & G. S.).....	NAVW	Hannibal.....	NGU	Kearsarge.....	NIP
F-2.....	NXV	Haradon.....	NEXZ	Kennedy.....	NAZM
F-3.....	NXW	Harbor tug No. 61.....	NUMX	Kennison.....	NEQX
Fairfax.....	NTN	Harbor tug No. 63.....	NULD	Kentucky.....	NIO
Falcon.....	NEKN	Harbor tug No. 64.....	NUMT	Keosauqua.....	NEXC
Fanning.....	NFM	Harbor tug No. 67.....	NULG	Kewadin.....	NAXN
Farenholt.....	NECK	Harbor tug No. 68.....	NUMR	Kidder.....	NUJX
Farquhar.....	NANZ	Harbor tug No. 74.....	NEKP	Kilkenny.....	KKI
Farragut.....	NVS	Harding.....	NEMV	Kilty.....	NAKX
Fathomer (C. & G. S.).....	NESR	Hart.....	NEMV	Kimberly.....	NADL
Fern (L. H. T.).....	NAFV	Hartford.....	NGV	King.....	NULP
Finch.....	NAJP			Kingfisher.....	NALP
				Kittery.....	NHW
				Klingelhoefer.....	NISC

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Knudsen (C. G. C.)	NEXL	Maury	NEPG	Nicholas	NUNZ
Koka	NETZ	Mayflower (L. H. T.)	NZQ	Nicholson	NIU
Kukul (L. H. T.)	NLF	Mayflower (President's yacht)	NJV	Nitro	NELL
L-1	NYN	Mayrant	NJU	Noa	NUKF
L-2	NYO	McCall	NJW	North Carolina	NISK
L-3	NYP	McCalla	NIGC	North Dakota	NMO
L-4	NYQ	McCawley	NULS	Northern Pacific	WIM
L-5	NYR	McCook	NIGB	0-1	NEXJ
L-6	NYS	McCormick	NUPZ	0-2	NETJ
L-7	NYT	McDermut	NIGG	0-3	NAMR
L-8	NYU	McDougal	NIT	0-4	NAMX
L-9	NYV	McFarland	NETB	0-5	NAMZ
L-10	NYW	McGourty (C. G. C.)	NETV	0-6	NANB
L-11	NYX	McKean	NEMT	0-7	NANC
Lamberton	NAZL	McKee	NACQ	0-8	NAND
Lamson	NUNC	McLanahan	NIGK	0-9	NAGB
Langley	NNC	Meade	NEBJ	0-10	NAXT
Lansdale	NERL	Melusa	NEMC	0-11	NETK
Lapwing	NALC	Mehalatos (C. G. C.)	NIDL	0-12	NETL
Laramie	NUGL	Melville	NKA	0-13	NEZN
Lardner	NUPF	Melvin	NURC	0-14	NEVD
Lark	NIJK	Memphis	NISS	0-15	NAXS
Larkspur (L. H. T.)	NAMB	Mercy	NKK	0-16	NASM
Larsen (C. G. C.)	NITK	Meredith	NETS	O'Bannon	NEXS
Laub	NIQJ	Merritt	WXI	O'Brien	NIV
Laurel (L. H. T.)	NALV	Mervize	NUMJ	Ohio	NMW
La Vallette	NUIT	Mexican	NAMC	Oil Barge No. 9	NEQL
Lawrence	NUQQ	Meyer	NUJR	Oklahoma	NCB
Lea	NETF	Michigan	NJZ	Olympia	NGG
Leary	NAFL	Milwaukee	NISM	Omaha	NISL
Lebanon	NIZ	Minneapolis	NGB	Onondaga (C. G. C.)	NRO
Leonidas	NNH	Minnesota	NKD	Ontario	NTA
Lexington	NEDB	Mississippi	NKE	Orchid (L. H. T.)	NLT
Lieut. Geo. M. Harris	WYR	Missoula	NKM	Oregon	NMZ
Lilac (L. H. T.)	NUCF	Missouri	NKF	Ortolo	NEVM
Liscum	WXE	Mohave	NTO	Orion	NOC
Litchfield	NUMM	Mohawk	NUB	Ortolan	NIKC
Little	NRT	Mohican	NZA	Osborne	NUQC
Logan	WXF	Monadnock	NHD	Osceola	NOA
Long, J. D.	NEPD	Monaghan	NKL	Osprey	NIJL
Long Beach	NEFZ	Monocacy	NQQ	Ossipee (C. G. C.)	NRJ
Louisiana	NJB	Montana	NISJ	Overton	NIJN
Luce	NEG D	Montcalm	NEQF	Oveson (C. G. C.)	NIZD
Ludlow	NENZ	Monterey	NKN	Owl	NACS
Lydonia (C. & G. S.)	NDR	Montgomery	NAXJ	Ozark	NHH
Lykens	NALK	Moody	NULT	Ozette	NEDN
M-1	NYU	Morrill (C. G. C.)	NRC	Paducah	NOG
MacDonough	NUQR	Morris	NWS	Palmer	NECV
Machias	NQL	Mugford	NEXR	Palos	NQS
Mackenzie	NEVX	Mullany	NUML	Pamlico (C. G. C.)	NRR
Mackinac	NUGD	Murray	NAXK	Pampanga	NQT
MacLeish	NUPT	N-1	NZE	Panther	NOJ
Maddox	NETX	N-2	NZF	Parker	NIX
Madrono (L. H. T.)	NAMV	N-3	NZG	Parrott	NUPD
Magnolia (L. H. T.)	NAPS	N-4	NZH	Partridge	NIJG
Mahan	NEQK	N-5	NZI	Patapsco	NOL
Mahanna	NURB	N-6	NZJ	Pathfinder (C. & G. S.)	NLJ
Mahopac	NETD	N-7	NZK	Patoka	NUGN
Maine	NJL	Nansemond	NITL	Patterson	NOK
Major Albert G. Forse	WYQ	Nanshan	NNK	Patuxent	NOM
Major Evan Thomas	WYO	Nantucket	NFU	Paulding	NON
Major Guy Howard	WZY	Napa	NEVC	Paulding, James K.	NIJM
Major Samuel Ringgold	WYC	Narragansett	NAMN	Paul Hamilton	NAQN
Mallard	NIKB	Natoma (C. & G. S.)	NUGG	Paul Jones	NUGN
Mangrove (L. H. T.)	NANV	Navajo	NKV	Pawnee	NUH
Manhattan (C. G. C.)	NEKZ	Navesink	WXU	Pawtucket	NUJ
Manley	NSH	Nebraska	NFXA	Peacock	NIKD
Manning (C. G. C.)	NRN	Neches	NIFP	Peary	NUQD
mansfield	NUMV	Neptune	NMS	Pecos	NIFQ
Manzanita (L. H. T.)	NLU	Nereus	NNF	Pelican	NEFK
Maple (L. H. T.)	NAPV	Nero	NEDX	Penguin	NECT
Marblehead	NIRR	Nevada	NCA	Pennsylvania	NCE
Marcus	NUMG	New Hampshire	NME	Penobscot	NOE
Marigold (L. H. T.)	NAQV	New Jersey	NMF	Pensacola	NGN
Mars	NJR	New Mexico	NQW	Pentucket	NUL
Maryland	NARC	New Orleans	NMG	Peoria	NOW
Mason	NAGG	Newport	NMH	Pequot (C. G. C.)	NIJF
Massachusetts	NIRQ	Newport News	NEZ	Perkins	NOX
Mattole	NUMG	New York	NCC	Perry	NUQS
Maumee	NNE	Niagara	NABC	Philp	NEDG

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Pigeon.....	NIKF	Rodgers.....	NWT	Seagull.....	NIJM
Pillsbury.....	NUQG	Roa.....	NTZ	Seattle.....	NAFG
Pinola.....	NEVL	Roper.....	NERX	Sebago.....	NUV
Piscataqua.....	NAQC	Rose (L. H. T.).....	NASD	Selfridge.....	NUJZ
Pittsburgh.....	NOT	Rowan.....	NKR	Seminole (C. G. C.).....	NRS
Pompey.....	NQF	S-1.....	NIMG	Semmes.....	NAFZ
Pope.....	NUQB	S-2.....	NIMJ	Seneca (C. G. C.).....	NRE
Porter.....	NOO	S-3.....	NIMK	Sepulga.....	NUGT
Potomac.....	NQK	S-4.....	NIML	Sequoia (L. H. T.).....	NLV
Prairie.....	NQM	S-5.....	NIMM	Sharkey.....	NULV
Preble.....	NUNG	S-6.....	NIMN	Shaw.....	NKU
Preston.....	NUNJ	S-7.....	NIMP	Shawmut.....	NML
Prometheus.....	NQR	S-8.....	NIMQ	Shoridan.....	WXJ
Proteus.....	NNG	S-9.....	NIMR	Sherman.....	WXX
Fruitt.....	NUPV	S-10.....	NIMS	Shirk.....	NUJV
Pueblo.....	NDN	S-11.....	NIMT	Shubrick.....	NWU
Putnam.....	NUPG	S-12.....	NIMV	Sicard.....	NUPL
Pyro.....	NELK	S-13.....	NIMX	Sigourney.....	NAJB
Quail.....	NIKQ	S-14.....	NIMZ	Simpson.....	NUFX
Quigley (C. G. C.).....	NIDB	S-15.....	NINB	Sinclair.....	NULR
Quincy.....	NGQ	S-16.....	NINC	Sloat.....	NUMD
Quiros.....	NQZ	S-17.....	NIND	Slocum.....	WVY
R-1.....	NILC	S-18.....	NINF	Smith (C. G. C.).....	NIXG
R-2.....	NILD	S-19.....	NING	Smith, Robert.....	NUKB
R-3.....	NILF	S-20.....	NINJ	Snohomish (C. G. C.).....	NRF
R-4.....	NILG	S-21.....	NINK	Solace.....	NST
R-5.....	NILJ	S-22.....	NINL	Somers.....	NWV
R-6.....	NILK	S-23.....	NINM	Sonoma.....	NTG
R-7.....	NILL	S-24.....	NINN	Sotoyomo.....	NECZ
R-8.....	NILM	S-25.....	NINP	Southard.....	NAJK
R-9.....	NILN	S-26.....	NINQ	South Bend.....	KEXQ
R-10.....	NILP	S-27.....	NINR	South Carolina.....	NSW
R-11.....	NILQ	S-28.....	NINS	South Dakota.....	NISG
R-12.....	NILR	S-29.....	NINT	S. P. 43 (Daraga).....	NUBB
R-13.....	NILS	S-30.....	NINV	S. P. 54 (Patrol No. 6).....	NUBK
R-14.....	NILT	S-31.....	NINX	S. P. 164 (May).....	NALQ
R-15.....	NASV	S-32.....	NINZ	S. P. 179 (Privateer).....	NUDF
R-16.....	NASX	S-33.....	NIPB	S. P. 181 (Helori).....	NEFS
R-17.....	NAFX	S-34.....	NIPC	S. P. 185 (Clarinda).....	NUFZ
R-18.....	NEGC	S-35.....	NIPD	S. P. 214 (Edithia).....	NUCX
R-19.....	NEGK	S-36.....	NIPF	S. P. 249 (Hauoli).....	NUCZ
R-20.....	NARZ	S-37.....	NIPG	S. P. 265 (Pocomoke).....	NUCT
R-21.....	NILV	S-38.....	NIPJ	S. P. 399 (Legonia).....	NUFG
R-22.....	NILX	S-39.....	NIPK	S. P. 493 (Cahill).....	NDV
R-23.....	NILZ	S-40.....	NIPL	S. P. 521 (Isabel).....	NHF
R-24.....	NIMB	S-41.....	NIPM	S. P. 522 (Chas. Mann).....	NUBT
R-25.....	NIMC	S-42.....	NIPN	S. P. 524 (Margaret).....	NQP
R-26.....	NIMD	S-43.....	NIPP	S. P. 573 (Easthampton).....	NUCG
R-27.....	NIMF	S-44.....	NIPQ	S. P. 642 (Felicia).....	NUCS
Radford.....	NEXB	S-45.....	NIPR	S. P. 680 (Ardent).....	NUCR
Rail.....	NAQJ	S-46.....	NIPS	S. P. 681 (Breakwater).....	NUMS
Rainbow.....	NFZ	S-47.....	NIPT	S. P. 707 (Endion).....	NUDR
Raleigh.....	NIRT	S-48.....	NIPV	S. P. 714 (Galatea).....	NKP
Ramapo.....	NUGP	S-49.....	NIPX	S. P. 724 (Fearless).....	NEKM
Ramsay.....	NIFC	S-50.....	NIPZ	S. P. 726 (Orca).....	NUBS
Ranger.....	NELF	S-51.....	NIQK	S. P. 765 (Adelante).....	NUCK
Ranger (C. & G. S.).....	NUDG	Sacramento.....	NQV	S. P. 813 (Corona).....	NNQ
Rapidan.....	NUQG	Sagamore.....	NANX	S. P. 838 (Lawrence, John L.).....	NUFL
Rappahannock.....	NJO	Saint Louis.....	NTF	S. P. 909 (Eaglet).....	NUBC
Rathburne.....	NACR	Salem.....	NTP	S. P. 951 (Utowanah).....	NJI
Raven.....	NIKZ	Salinas.....	NUGR	S. P. 1014 (Sea Rover).....	NEX
Redwing.....	NIKG	Samoset.....	NUU	S. P. 1015 (Challenge).....	NEKS
Reid.....	NUNK	Sampson.....	NKS	S. P. 1116 (Genesee).....	NKG
Relief (Hosp. Ship No. 1).....	NEPQ	Sanderling.....	NJIS	S. P. 1121 (Osborne).....	NESN
Reno.....	NAMD	Sandpiper.....	NIKK	S. P. 1149 (Barnett).....	NUFN
Reno.....	WYN	Sands.....	NULQ	S. P. 1161 (Francis B. Hackett).....	NTD
Renshaw.....	NEVZ	San Francisco.....	NTQ	S. P. 1213 (Montauk).....	NARN
Reuben James.....	NUNT	San Pedro.....	WZZ	S. P. 1232 (Barnegat).....	NADQ
Rhode Island.....	NTX	Santa Leonora.....	KIML	S. P. 1234 (Cigarette).....	NUCJ
Richards (C. G. C.).....	NIDG	Seapelo.....	NUGS	S. P. 1250 (Nahant).....	NQE
Richmond.....	NISQ	Sara Thompson.....	NEMD	S. P. 2047 (Moosehead).....	NAQM
Ringgold.....	NALT	Saratoga.....	NELB	S. P. 2225 (Navigator).....	NECD
Rizal.....	NEVV	Satterlee.....	NAGC	S. P. 2373 (Herreshoff Hull No. 322).....	NUDK
Roanoke.....	NHU	Saturn.....	NNM	S. P. 3218 (Resolute).....	NUGB
Robert L. Barnes.....	NAZZ	Savannah.....	NGS	S. P. 3297 (Winthrop).....	NUBR
Robin.....	NANQ	Scally (C. G. C.).....	NEKC	S. P. Lee.....	NESB
Robinson.....	NAJX	Schenck.....	NEMG		
Rochester.....	NTR	Schley.....	NKT		
Rocket.....	NUT	Sciots.....	NEVK		
		Scorpion.....	NTT		

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Sprigg Carroll.....	WZU	Sub. chaser No. 409...	NOZD	Umpqua.....	NATS
Sproston.....	NEVT	Sub. chaser No. 412...	NOZJ	Unadilla.....	NEFT
Stansbury.....	NEXV	Sub. chaser No. 413...	NOZK	Unalga (C. G. C.).....	NRX
Stellenwert.....	NIDC	Sub. chaser No. 419...	NOZR	Uncas.....	NVF
Sterrett.....	NTB	Sub. chaser No. 424...	NOZZ	Undaunted.....	NNX
Stevens.....	NAPK	Sub. chaser No. 425...	NIQB	United States.....	NUNQ
Stewart.....	NUNN	Sub. chaser No. 426...	NIQC	Upshur.....	NER8
Stockton.....	NEO	Sub. chaser No. 427...	NIQD	Upshur, Abel P.....	NUJD
Stoddert.....	NALZ	Sub. chaser No. 432...	NIQL	Utah.....	NVE
Stribling.....	NAVS	Sub. chaser No. 439...	NIQT	V-1.....	NICQ
Stringham.....	NACP	Sub. chaser No. 440...	NIQV	V-2.....	NICR
Sturtevant.....	NUJP	Sub. chaser No. 441...	NIQX	V-3.....	NICT
Sub. chaser No. 23.....	NOBQ	Sub. chaser No. 443...	NIRB	V-4.....	NICS
Sub. chaser No. 57.....	NODF	Sub. chaser No. 444...	NIRC	V-5.....	NICV
Sub. chaser No. 62.....	NODM	Submac (L. H. T.).....	NASG	V-6.....	NICX
Sub. chaser No. 63.....	NODN	Sunmer.....	NUQX	V-7.....	NICZ
Sub. chaser No. 64.....	NODP	Sunflower (L. H. T.).....	NUFM	V-8.....	NIDD
Sub. chaser No. 69.....	NODR	Sunnadin.....	NEVB	V-9.....	NIDJ
Sub. chaser No. 71.....	NODT	Surveyor (C. & G. S.).....	NQU	Vermont.....	NVDK
Sub. chaser No. 93.....	NOFX	Swallow.....	NEFL	Vestal.....	NMC
Sub. chaser No. 100.....	NOGJ	Swan.....	NIJP	Vesuvius.....	NUBM
Sub. chaser No. 102.....	NOGL	Swasey.....	NIGP	Vicksburg.....	NVN
Sub. chaser No. 104.....	NOGN	Sylph.....	NTL	Villalobos.....	NVP
Sub. chaser No. 106.....	NOGQ	T-1.....	NILB	Vireo.....	NIKL
Sub. chaser No. 119.....	NOJK	T-2.....	NABB	Virginia.....	NVR
Sub. chaser No. 121.....	NOJM	T-3.....	NABZ	Vixen.....	NSU
Sub. chaser No. 143.....	NOKN	Tacoma.....	NUA	Vulcan.....	NVT
Sub. chaser No. 145.....	NOKQ	Tacony.....	WUAE	Wadsworth.....	NKW
Sub. chaser No. 147.....	NOKR	Tadousac.....	NAZQ	Wahneta.....	NVI
Sub. chaser No. 154.....	NOLC	Talbot.....	NAPL	Wainwright.....	NKX
Sub. chaser No. 156.....	NOLF	Tallahassee.....	NUC	Walke.....	NWL
Sub. chaser No. 159.....	NOLK	Tallapoosa (C. G. C.).....	NRV	Walker.....	NESX
Sub. chaser No. 177.....	NOLR	Tanager.....	NABS	Wandank.....	NARF
Sub. chaser No. 185.....	NOMD	Tarbell.....	NEZP	Warbler.....	NIKM
Sub. chaser No. 186.....	NOMF	Tatnuck.....	NETQ	Ward.....	NAGS
Sub. chaser No. 188.....	NOMJ	Tattnall.....	NEPS	Warren.....	WXN
Sub. chaser No. 190.....	NOML	Taylor (C. G. C.).....	NTB	Warrington.....	NWD
Sub. chaser No. 191.....	NOMM	Taylor.....	NALR	Washington.....	NWE
Sub. chaser No. 192.....	NOMN	Teal.....	NAPN	Wasmuth.....	NUKC
Sub. chaser No. 195.....	NOMR	Tennessee.....	NSE	Waters.....	NATT
Sub. chaser No. 210.....	NONN	Tern.....	NIKT	Weiborn C. Wood.....	NULJ
Sub. chaser No. 214.....	NONS	Terry.....	NUI	Welles.....	NAJ
Sub. chaser No. 223.....	NOPF	Texas.....	NCB	Wenonah (C. & GS).....	NJJ
Sub. chaser No. 224.....	NOPG	Thatcher.....	NESV	West Virginia.....	NEDJ
Sub. chaser No. 229.....	NOPN	Thomas.....	NIFN	Wheeling.....	NWH
Sub. chaser No. 231.....	NOPQ	Thomas.....	WXM	Whipple.....	NUNL
Sub. chaser No. 232.....	NOPR	Thompson.....	NAZC	Whippoorwill.....	NIUQ
Sub. chaser No. 237.....	NOPT	Thompson, Smith.....	NUJX	Whitney.....	NIRL
Sub. chaser No. 251.....	NOQQ	Thornton.....	NWX	Wickes.....	NATJ
Sub. chaser No. 252.....	NOQR	Thrush.....	NIKS	Widgeon.....	NAQF
Sub. chaser No. 253.....	NOQS	Tillman.....	NEQT	Wilhelmina.....	NDE
Sub. chaser No. 263.....	NORJ	Tingard (C. G. C.).....	NISB	Wilkes.....	NKQ
Sub. chaser No. 264.....	NORK	Tingey.....	NWY	Willet.....	NIKN
Sub. chaser No. 270.....	NORR	Tippecanoe.....	NUGV	William B. Preston.....	NUMQ
Sub. chaser No. 271.....	NORS	Tonopah.....	NUN	William Jones.....	NARR
Sub. chaser No. 273.....	NORV	Topeka.....	NLY	Williams.....	NENT
Sub. chaser No. 277.....	NOSC	Torpedo Test Barge.....	NIFR	Williamson.....	NUNS
Sub. chaser No. 278.....	NOSD	No. 1.....		Willoughby.....	NJX
Sub. chaser No. 283.....	NOSL	Torpedo Test Barge.....	NIFS	Wilmington.....	NWK
Sub. chaser No. 284.....	NOSM	No. 2.....		Winslow.....	NJA
Sub. chaser No. 287.....	NOSQ	Torpedo Test Barge.....	NIFX	Wisconsin.....	NWM
Sub. chaser No. 294.....	NOTB	No. 3.....		Wolverine.....	NGW
Sub. chaser No. 295.....	NOTC	Torpedo Test Barge.....	NIFZ	Wompatuck.....	NVJ
Sub. chaser No. 298.....	NOTG	No. 4.....		Wood.....	NUMF
Sub. chaser No. 299.....	NOTJ	Toucey.....	NULX	Woodbury.....	NATM
Sub. chaser No. 301.....	NOTL	Tracy.....	NUJL	Woodcock.....	NIKP
Sub. chaser No. 303.....	NOTN	Traffic.....	NVA	Worden.....	NUNM
Sub. chaser No. 305.....	NOTQ	Trenton.....	NISR	Wright.....	NIRN
Sub. chaser No. 306.....	NOTR	Trever.....	NUMP	Wyoming.....	NWQ
Sub. chaser No. 308.....	NOTT	Trinity.....	NUGX	Yacona.....	NJM
Sub. chaser No. 310.....	NOTX	Tripe.....	NUQ	Yamacraw.....	NRY
Sub. chaser No. 320.....	NOVC	Triton.....	NVC	Yarborough.....	NUMC
Sub. chaser No. 326.....	NOVL	Truxton.....	NUOK	Yarnall.....	NIGS
Sub. chaser No. 328.....	NOVN	Tucker.....	NKV	Yocona.....	NUNB
Sub. chaser No. 330.....	NOVQ	Tulip (L. H. T.).....	NXX	Young.....	NESG
Sub. chaser No. 332.....	NOVS	Tulsa.....	NIST	Zane.....	NUMN
Sub. chaser No. 340.....	NOXF	Turkey.....	NIJF	Zeihn.....	NUMB
Sub. chaser No. 341.....	NOXG	Turner.....	NERQ	Zizania (L. H. T.).....	NZZ
Sub. chaser No. 353.....	NOXS	Tuscarora (C. G. C.).....	NRL		
Sub. chaser No. 408.....	NOZC	Twiggs.....	NEPV		



## GOVERNMENT LAND AND SHIP RADIO STATIONS, BY CALL SIGNALS.

Call.	Station.	Call.	Station.
KDEF	Omaha, Nebr. ....c	NDJ	Gorgona. ....b
KDEG	Cheyenne, Wyo. ....c	NDM	Cleveland. ....b
KDEH	Salt Lake City, Utah. ....c	NDN	Pueblo. ....b
KDEJ	Elko, Nev. ....c	NDO	Comfort. ....b
KDEK	Reno, Nev. ....c	NDQ	Connecticut. ....b
KDEL	St. Louis, Mo. ....c	NDR	Lydonia. ....b
KDHM	North Platte, Nebr. ....c	NDU	Culgoa. ....b
KDHN	Rock Springs, Wyo. ....c	NDV	S. P. 493 (Cahill). ....b
KDPB	Minneapolis, Minn. ....c	NDW	Cape Hatteras, N. C. ....b
KDQA	Chicago, Ill. ....c	NEK	Delaware. ....b
KDQC	Cincinnati, Ohio. ....c	NEL	Lakehurst, N. J. ....c
KEXQ	South Bend. ....b	NEM	Denver. ....b
KGU	Kanakanak, Alaska. ....c	NEN	Des Moines. ....b
KIML	Santa Leonora. ....b	NEO	Stockton. ....b
KKI	Kilkenny. ....b	NEP	Dixie. ....b
KUVS	New York, N. Y. ....c	NEQ	Dolphin. ....b
NAA	Washington, D. C. (Arlington). ....c	NEU	Drayton. ....b
NAC	Portsmouth, N. H. ....c	NEU	Dubuque. ....b
NAD	Boston, Mass. ....c	NEV	Savannah, Ga. ....b
NAF	Newport, R. I. ....c	NEX	S. P. 1014 (Sea Rover). ....b
NAH	New York, N. Y.; Fire Island, N. Y. ....c	NEF	Constellation (old). ....b
NAI	Philadelphia, Pa. ....c	NFA	Brooklyn. ....b
NAJ	Great Lakes, Ill. ....c	NFD	El Cano. ....b
NAK	Naval Academy, Annapolis, Md. ....c	NFE	Charleston. ....b
NAL	Washington, D. C. (Navy Yard). ....c	NFM	Fanning. ....b
NAM	Norfolk, Va., Hampton Roads, Va. ....c	NFR	Florida. ....b
NAN.	Morehead City, N. C. ....c	NFU	Nantucket. ....b
NAO	Charleston, S. C. ....c	NFV	Quantico, Va. ....b
NAP	St. Augustine, Fla. ....c	NFX	Housatonic. ....b
NAQ	Jupiter, Fla. ....c	NFY	Intrepid. ....b
NAR	Key West, Fla. ....c	NFZ	Rainbow. ....b
NAS	Pensacola, Fla. ....c	NGA	Columbia. ....b
NAT	New Orleans, La. ....c	NGB	Minneapolis. ....b
NAU	San Juan, P. R. ....c	NGC	Boston. ....b
NAV	Parris Island, S. C. ....c	NGD	Galveston. ....b
NAW	Guantanamo Bay, Cuba. ....c	NGE	Miami, Fla. ....b
NAX	Colon, C. Z. ....c	NGF	Georgia. ....b
NAY	Point Isabel, Tex. ....c	NGG	Olympia. ....b
NAZ	Managua, Nicaragua. ....c	NGH	Glacier. ....b
NBA	Balboa, C. Z. ....c	NGI	Chatanooga. ....b
NBB	St. Thomas, V. I. ....c	NGJ	Goldsborough. ....b
NBD	Bar Harbor, Me. ....c	NGL	St. Petersburg, Fla. ....c
NBG	Indian Head, Md. ....c	NGN	Pensacola. ....b
NBJ	Albany. ....b	NGP	Beaufort. ....b
NBL	Alert. ....b	NGQ	Quincy. ....b
NBP	Ammen. ....b	NGR	Bridgeport. ....b
NBR	Annapolis. ....b	NGS	Savannah. ....b
NBU	Arethusa. ....b	NGT	Mobile, Ala. ....c
NBV	Arkansas. ....b	NGU	Hannibal. ....b
NBW	Arizona. ....b	NGV	Hartford. ....b
NBZ	Baltimore, Md. ....c	NGW	Wolverine. ....b
NCA	Nevada. ....b	NGY	Helena. ....b
NCB	Oklahoma. ....b	NGZ	Houston. ....b
NCC	New York. ....b	NHA	Henley. ....b
NCD	Texas. ....b	NHD	Monadnock. ....b
NCE	Pennsylvania. ....b	NHF	S. P. 521 (Isabel). ....b
NCF	Bailey. ....b	NHH	Ozark. ....b
NCH	Baltimore. ....b	NHI	Hancock. ....b
NCL	Beale. ....b	NHN	Idaho. ....b
NCN	Birmingham. ....b	NHO	Illinois. ....b
NCR	Canandaigua. ....b	NHS	Gulfport. ....b
NCU	Buffalo. ....b	NHU	Roanoke. ....b
NCV	Burrows. ....b	NHV	Iroquois. ....b
NCX	Dreadnaught. ....b	NHW	Kittery. ....b
NCY	Caesar. ....b	NHY	Bath. ....b
NCZ	Virginia Beach, Va. ....c	NHZ	Newport News. ....b
NDB	Celtic. ....b	NIB	Jarvis. ....b
NDD	Sayville, N. Y. ....c	NID	Jenkins. ....b
NDE	Wilhelmina. ....b	NIE	Jouett. ....b
NDF	California. ....b	NIH	Aylwin. ....b
NDG	Chester. ....b	NII	Balch. ....b
NDI	Cheyenne. ....b	NIJ	Benham. ....b
NDI	Chicago. ....b	NIK	Cassin. ....b

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

Call.	Station.	Call.	Station.		
NIL	Cummings	b	NNA	Brutus	b
NIM	Cushing	b	NNB	Jason	b
NIN	Downes	b	NNC	Langley	b
NIO	Kansas	b	NND	Kanawha	b
NIP	Kearsarge	b	NNE	Maumee	b
NIQ	Kentucky	b	NNF	Nereus	b
NIR	Duncan	b	NNG	Proteus	b
NIS	Ericsson	b	NNH	Leonidas	b
NIT	McDougal	b	NNI	St. Croix, V. I.	b
NIU	Nicholson	b	NNK	Nanshan	b
NIV	O'Brien	b	NNL	Coco Solo, C. Z.	b
NIX	Parker	b	NNM	Saturn	b
NIZ	Lebanon	b	NNQ	S. P. 813 (Corona)	b
NJA	Winslow	b	NNT	Cape M'la, R. P.	b
NJB	Louisiana	b	NNW	La Palma, R. P.	b
NJD	Allen	b	NNX	Undaunted	b
NJE	Conyngham	b	NNZ	Buffalo, N. Y.	b
NJF	Davis	b	NOA	Oscola	b
NJG	San Domingo City, D. R.	b	NOB	Abarenda	b
NJI	S. P. 951 (U'towanah)	b	NOC	Orion	b
NJJ	Wenonah	b	NOD	Cuyama	b
NJL	Malne	b	NOE	Penobscot	b
NJM	Yacona	b	NOG	Paducah	b
NJO	Rappahannock	b	NOH	Henderson	b
NJR	Mars	b	NOI	Bridge	b
NJS	Frederick	b	NOJ	Panther	b
NJU	Mayrant	b	NOK	Patterson	b
NJV	Mayflower (President's yacht)	b	NOL	Patapco	b
NJW	McCall	b	NOM	Patuxent	b
NJX	Willoughby	b	NON	Faulding	b
NJY	Port Arthur, Tex.	b	NOO	Porter	b
NJZ	Michican	b	NOT	Pittsburgh	b
NKA	Melville	b	NOW	Peoria	b
NKB	Galveston, Tex.	b	NOX	Perkins	b
NKC	Navassa Island, W. I.	b	NPA	Cordova, Alaska	b
NKD	Minnesota	b	NPB	Sitka, Alaska	b
NKE	Mississippi	b	NPD	Tatoosh, Wash.	b
NKF	Missouri	b	NPE	North Head, Wash.	b
NKG	S. P. 1116 (Genesee)	b	NPF	Marshfield, Oreg.	b
NKK	Mercy	b	NPG	San Francisco, Calif.	b
NKL	Monaghan	b	NPH	Viadivostok, Siberia	b
NKM	Missoula	b	NPI	Farallons, Calif.	b
NKN	Monterey	b	NPK	Point Arguello, Calif.	b
NKP	S. P. 714 (Galatea)	b	NPL	San Diego, Calif.	b
NKQ	Wilkes	b	NPM	(Honolulu, Pearl Harbor, Heeia Point, Hawaii)	b
NKR	Rowan	b	NPN	Guam, Guam	b
NKS	Sampson	b	NPO	Cavite, P. I.	b
NKT	Schley	b	NPP	Peking, China	b
NKU	Shaw	b	NPQ	St. Paul, Alaska	b
NKV	Tucker	b	NPR	Dutch Harbor, Alaska	b
NKW	Wadsworth	b	NPS	Kodiak, Alaska	b
NKX	Wainwright	b	NPT	Olongapo, P. I.	b
NKZ	Navajo	b	NPU	Tutuila, Samoa	b
NLA	Nantucket Shoals L. V. No. 85	b	NPV	Seaward, Alaska	b
NLC	Frying Pan Shoals L. V. No. 94	b	NPW	Eureka, Calif.	b
NLF	Kukul	b	NPX	San Pedro, Calif.	b
NLJ	Pathfinder	b	NPY	St. George, Alaska	b
NLK	Bache	b	NPZ	Puget Sound, Wash.	b
NLL	Columbine	b	NQE	S. P. 1250 (Nahant)	b
NLM	Cypress	b	NQF	Pompey	b
NLP	Head Bank L. V. No. 81	b	NQK	Potomac	b
NLS	Fire Island L. V. No. 68	b	NQL	Machias	b
NLT	Orchid	b	NQM	Prairie	b
NLU	Manzanita	b	NQP	S. P. 524 (Margaret)	b
NLV	Sequoia	b	NQQ	Monocacy	b
NLW	Cedar	b	NQR	Prometheus	b
NLY	Topeka	b	NQS	Palos	b
NLZ	Constitution (old)	b	NQT	Pampanga	b
NMA	Nebraska	b	NQU	Surveyor	b
NMB	Manati, Cuba	b	NQV	Sacramento	b
NMC	Vestal	b	NQW	New Mexico	b
NMD	New Hampshire	b	NQY	Albatross	b
NME	New Jersey	b	NQZ	Quiros	b
NMF	New Jersey	b	NRA	Algonquin	b
NMG	New Orleans	b	NRB	Bear	b
NMH	Newport	b	NRC	Morrill	b
NMK	Aroostook	b	NRD	Androscoogin	b
NML	Shawmut	b	NRE	Seneca	b
NMN	Charlotte	b	NRF	Snohomish	b
NMO	North Dakota	b	NRG	Gresham	b
NMS	Neptune	b			
NMW	Ohio	b			
NMZ	Oregon	b			

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

Call.	Station.	Call.	Station.
NRH	Cleveland, Ohio.....c	NVW	Biddle.....b
NRI	Itasca.....b	NVX	Blakely.....b
NRJ	Ossipee.....b	NVZ	Dahlgren.....b
NRK	Puerto Obaldia, R. P.....c	NWB	De Long.....b
NRL	Tuscarora.....b	NWC	Dupont.....b
NRN	Manning.....b	NWD	Warrington.....b
NRO	Onondaga.....b	NWE	Washington.....b
NRQ	Detroit, Mich.....c	NWF	Foote.....b
NRR	Famlico.....b	NWG	Huntington.....b
NRS	Seminole.....b	NWH	Wheeling.....b
NRT	Little.....b	NWJ	Fox.....b
NRU	Acushnet.....b	NWK	Wilmington.....b
NRV	Tallapoosa.....b	NWL	Walke.....b
NRW	Comanche.....b	NWM	Wisconsin.....b
NRX	Unalga.....b	NWQ	Wyoming.....b
NRY	Yamacraw.....b	NWS	Morris.....b
NSC	Port au Prince, Haiti.....c	NWT	Rodgers.....b
NSD	Cape May, N. J.....c	NWU	Shubrick.....b
NSE	Tennessee.....b	NWV	Somers.....b
NSF	Anacostia, D. C.....c	NWX	Thornton.....b
NSH	Manley.....b	NWY	Tingey.....b
NSI	Caldwell.....b	NXA	Chatham, Mass.....c
NSM	Alpena, Mich.....c	NXH	B-1.....b
NSN	Conner.....b	NXI	B-2.....b
NSP	Arapaho.....b	NXJ	B-3.....b
NSR	Frankfort, Mich.....c	NXK	C-1.....b
NSS	Annapolis, Md.....c	NXL	C-2.....b
NST	Solace.....b	NXM	C-3.....b
NSU	Dixon.....b	NXN	C-4.....b
NSW	South Carolina.....b	NXO	C-5.....b
NSX	Huron.....b	NXP	D-1.....b
NSZ	Cumberland.....b	NXQ	D-2.....b
NTA	Ontario.....b	NXR	D-3.....b
NTB	Sterrett.....b	NXS	E-1.....b
NTD	S. P. 1161 (Francis B. Hackett).....b	NXT	E-2.....b
NTF	St. Louis.....b	NXU	Azalea.....b
NTG	Sonoma.....b	NXV	F-2.....b
NTL	Sylph.....b	NXW	F-3.....b
NTM	Ludington, Mich.....c	NXX	Tulip.....b
NTN	Fairfax.....b	NXZ	G-2.....b
NTO	Mohave.....b	NVA	G-3.....b
NTP	Salem.....b	NYB	G-4.....b
NTQ	San Francisco.....b	NYD	H-2.....b
NTR	Rochester.....b	NYE	H-3.....b
NTT	Scorpion.....b	NYF	K-1.....b
NTX	Rhode Island.....b	NYG	K-2.....b
NTZ	Roe.....b	NYH	K-3.....b
NUA	Tacoma.....b	NYI	K-4.....b
NUB	Manistique, Mich.....c	NYJ	K-5.....b
NUC	Tallahassee.....b	NYK	K-6.....b
NUD	Mackinac Island, Mich.....c	NYL	K-7.....b
NUG	Calumet, Mich.....c	NYM	K-8.....b
NUH	Pawnee.....b	NYN	L-1.....b
NUI	Terry.....b	NYO	L-2.....b
NUJ	Pawtucket.....b	NYP	L-3.....b
NUK	Milwaukee, Wis.....b	NYQ	L-4.....b
NUL	Pentucket.....b	NYR	L-5.....b
NUN	Tonopah.....b	NYS	L-6.....b
NUQ	Trippe.....b	NYT	L-7.....b
NUR	Chicago, Ill.....c	NYU	L-8.....b
NUT	Rocket.....b	NYV	L-9.....b
NUU	Samoset.....b	NYW	L-10.....b
NUV	Sebago.....b	NYX	L-11.....b
NUX	Duluth, Minn.....c	NYZ	M-1.....b
NUZ	Astoria, Oreg.....c	NZA	Mohican.....b
NVA	Traffic.....b	NZC	Bushnell.....b
NVC	Triton.....b	NZD	Fulton.....b
NVD	Juneau, Alaska.....c	NZE	N-1.....b
NVE	Utah.....b	NZF	N-2.....b
NVF	Uncas.....b	NZG	N-3.....b
NVH	Ketchikan, Alaska.....c	NZH	N-4.....b
NVI	Wahneta.....b	NZI	N-5.....b
NVJ	Wompatuck.....b	NZJ	N-6.....b
NVK	Vermont.....b	NZK	N-7.....b
NVL	Seattle, Wash.....c	NZQ	Mayflower (L. H. T.).....b
NVN	Vicksburg.....b	NZR	Cayey, P. R.....c
NVP	Villalobos.....b	NZT	Whitefish Point, Mich.....c
NVR	Virginia.....b	NZU	Detour Point, Mich.....c
NVS	Farragut.....b	NZZ	Zizania.....b
NVT	Vulcan.....b	NABB	T-2.....b
NVU	Bagley.....b	NABC	Niagara.....b
NVV	Barney.....b	NABG	Charles S. Ausburne.....b

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

Call.	Station.	Call.	Station.
NABJ	Light Vessel No. 60.....c	NAMC	Mexican.....b
NABP	Anemone (L. H. T.).....b	NAMD	Reno.....b
NABS	Tanager.....b	NAMG	Gen. Alava.....b
NABT	Switsure Bank L. V. No. 93.....c	NAMN	Narragansett.....b
NABV	Cape Lookout Shoals L. V. No. 80.....c	NAMR	O-3.....b
NABX	Brunswick L. V. No. 84.....c	NAMS	Portland L. V. No. 74.....c
NABZ	T-3.....b	NAMT	Boggs.....b
NACB	Apache.....b	NAMV	Madrono.....b
NACD	Relief L. V. No. 76.....b	NAMX	O-4.....b
NACL	Hale.....c	NAMZ	O-5.....b
NACN	Dyer.....b	NANB	O-6.....b
NACP	Stringham.....b	NANC	O-7.....b
NACQ	McKee.....b	NAND	O-8.....b
NACR	Rapidan.....b	NANJ	Plattsburg.....b
NACS	Owl.....b	NANQ	Robin.....b
NACT	Blunts Reef L. V. No. 83.....c	NANS	Pollock Rip L. V. No. 47.....c
NACV	Umatilla Reef L. V. No. 67.....c	NANT	Stone Horse Shoal L. V. No. 5.....b
NACX	Vineyard Sound L. V. No. 41.....c	NANV	Mangrove.....b
NACZ	Allegheny.....b	NANX	Sagamore.....b
NADB	Relief No. 92.....c	NANZ	Farquhar.....b
NADD	Arcata.....b	NAPG	Seattle.....b
NADF	Crowninshield.....b	NAPK	Stevens.....b
NADL	Kimberly.....b	NAPL	Talbot.....b
NADP	Avocet.....b	NAPM	Converse.....b
NADQ	S. P. 1232 (Barnegat).....b	NAPN	Teal.....b
NADT	Winter Quarter Shoals L. V. No. 91.....c	NAPP	Hen & Chickens L. V. No. 42.....c
NADV	Five Fathom Bank L. V. No. 79.....c	NAPR	Camden.....b
NADX	Boston L. V. No. 54.....c	NAPS	Magnolia.....b
NAFC	Dickerson.....b	NAPT	Amaranth.....b
NAFF	Brant.....b	NAPV	Maple.....b
NAFL	Leary.....b	NAQB	L. V. No. 20.....c
NAFN	Cardinal.....b	NAQC	Piscataqua.....b
NAFP	Cayuga.....b	NAQF	Widgeon.....b
NAFS	Burns.....b	NAQJ	Rail.....b
NAFT	Pollock Rip Slue L. V. No. 73.....c	NAQM	S. P. 2047 (Moosehead).....b
NAFV	Fern.....b	NAQN	Paul Hamilton.....b
NAFX	R-17.....b	NAQS	Handkerchief L. V. No. 3.....c
NAFZ	Semmes.....b	NAQV	Marigold.....b
NAGB	O-9.....b	NARC	Maryland.....b
NAGC	Satterlee.....b	NARF	Wandank.....b
NAGG	Mason.....b	NARG	Chemung.....b
NAGJ	Graham.....b	NARN	S. P. 1213 (Montauk).....b
NAGL	Chandler.....b	NARP	Aramis.....b
NAGM	Arbutus.....b	NARR	William Jones.....b
NAGQ	Curacoa.....b	NARS	Northeast End (N. J.) L. V. No. 44.....c
NAGS	Ward.....b	NART	Martin's Industry (N. C.) L. V. No. 1.....c
NAGT	South Pass (La.) L. V. No. 102.....c	NARV	Scotland (N. Y.) L. V. No. 11.....c
NAGV	Hyacinth.....b	NARX	Ram Island Reef (Conn.) L. V. No. 23.....c
NAGX	Gwin.....b	NARZ	R-20.....b
NAJB	Sigourney.....b	NASB	Brenton Reef (R. I.) L. V. No. 39.....c
NAJC	Relief No. 53.....c	NASC	Cornfield Point (Conn.) L. V. No. 48.....c
NAJD	Black Hawk.....b	NASD	Rose.....b
NAJJ	Relief No. 86.....c	NASG	Sumac.....b
NAJK	Southard.....b	NASK	Relief No. 16.....c
NAJL	Colhoun.....b	NASM	O-16.....b
NAJP	Finch.....b	NASV	R-15.....b
NAJQ	Bancroft.....b	NASX	R-16.....b
NAJR	Gregory.....b	NATD	Hedge Fence (Mass.) L. V. No. 9.....c
NAJS	Fenwick Island Shoals L. V. No. 52.....c	NATG	Bell.....b
NAJT	Columbia River L. V. No. 88.....c	NATJ	Wickes.....b
NAJV	Cape Charles L. V. No. 101.....c	NATM	Woodbury.....b
NAJX	Robinson.....b	NATS	Umpqua.....b
NAJZ	Welles.....b	NATT	Waters.....b
NAKD	Ajax.....b	NAVM	Explorer.....b
NAKL	Heather.....b	NAVS	Stribbing.....b
NAKN	Hibiscus.....b	NAXJ	Montgomery.....b
NAKS	San Francisco L. V. No. 70.....c	NAXK	Murray.....b
NAKT	Overfalls L. V. No. 69.....c	NAXN	Kewaydin.....b
NAKV	Ivy.....b	NAXS	O-15.....b
NAKX	Kilty.....b	NAXT	O-10.....b
NALC	Lapwing.....b	NAZC	Thompson.....b
NALK	Lykens.....b	NAZJ	Charleston (S. C.), L. V. No. 34.....c
NALL	Iris.....b	NAZL	Lamberton.....b
NALP	Kingfisher.....b	NAZM	Kennedy.....b
NALQ	S. P. 164 (May).....b	NAZP	Bagaduce.....b
NALR	Taylor.....b	NAZQ	Tadouac.....b
NALS	Ambrose Channel L. V. No. 87.....c	NAZR	Tail of horseshoe (Va.) L. V. No. 46.....c
NALT	Ringgold.....b	NAZS	Kalmia.....b
NALV	Laurel.....b	NAZV	Relief No. 4.....c
NALZ	Stoddert.....b	NAZZ	Robert L. Barnes.....b
NAMB	Larkspur.....b	NEBF	Constitution.....b

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

Call.	Station.	Call.	Station.		
NEBJ	Meade.....	b	NENV	Hart.....	b
NEBV	H-9.....	b	NENX	Ingraham.....	b
NECD	S. P. 2225 (Navigator).....	b	NENZ	Ludlow.....	b
NECK	Farenholt.....	b	NEPB	Hovey.....	b
NECR	Colorado.....	b	NEPD	Long, J. D.....	b
NECT	Penguin.....	b	NEPF	Broome.....	b
NECV	Palmer.....	b	NEPG	Maury.....	b
NECZ	Sotoyomo.....	b	NEPQ	(Relief) Hospital Ship No. 1.....	b
NEDB	Lexington.....	b	NEPS	Tattnall.....	b
NEDF	Constellation.....	b	NEPT	Badger.....	b
NEDG	Phillip.....	b	NEPV	Twigs.....	b
NEDJ	West Virginia.....	b	NEPX	Babbitt.....	b
NEDN	Ozette.....	b	NEPZ	Jacob Jones.....	b
NEDX	Nero.....	b	NEQF	Montcalm.....	b
NEFC	H-6.....	b	NEQK	Mahan.....	b
NEFK	Pelican.....	b	NEQL	Oil Barge No. 9.....	b
NEFL	Swallow.....	b	NEQM	H-4.....	b
NEFS	S. P. 181 (Helori).....	b	NEQQ	Beaver.....	b
NEFT	Unadilla.....	b	NEYS	Buchanan.....	b
NEFZ	Long Beach.....	b	NEQT	Tillman.....	b
NEGC	R-18.....	b	NEQX	Kennison.....	b
NEGD	Luce.....	b	NEQZ	Claxton.....	b
NEGF	Dent.....	b	NERB	Gilmore.....	b
NEGK	R-19.....	b	NERG	Aulick.....	b
NEGS	Fortune.....	b	NERJ	Craven.....	b
NEJB	Eagle 1.....	b	NERL	Lansdale.....	b
NEJC	Eagle 2.....	b	NERQ	Turner.....	b
NEJD	Eagle 3.....	b	NERR	Gillis.....	b
NEJF	Eagle 4.....	b	NERS	Upshur.....	b
NEJG	Eagle 5.....	b	NERT	Greer.....	b
NEJJ	Eagle 6.....	b	NERV	Elliot.....	b
NEJK	Eagle 7.....	b	NERX	Roper.....	b
NEJL	Eagle 8.....	b	NERZ	Breckinridge.....	b
NEJM	Eagle 9.....	b	NESB	S. P. Lee.....	b
NEJN	Eagle 10.....	b	NESC	Relief L. V. No. 49.....	c
NEJP	Eagle 11.....	b	NESE	Young.....	b
NEJQ	Eagle 12.....	b	NESJ	H-7.....	b
NEJR	Eagle 13.....	b	NESM	Breese.....	b
NEJS	Eagle 14.....	b	NESN	S. P. 1121 (Osborne).....	b
NEJT	Eagle 15.....	b	NESR	Fathomer (C. & G. S.).....	b
NEJV	McGourty.....	b	NESS	Bernadou.....	b
NEJX	Eagle 17.....	b	NEST	Cole.....	b
NEJZ	Eagle 18.....	b	NESV	Thatcher.....	b
NEKB	Eagle 19.....	b	NESX	Walker.....	b
NEKC	Scally.....	b	NESZ	Crosby.....	b
NEKD	Bothwell.....	b	NETB	McFarland.....	b
NEKF	Earp.....	b	NETD	Mahopaz.....	b
NEKG	Eagle 23.....	b	NETF	Lea.....	b
NEKJ	Eagle 24.....	b	NETG	H-5.....	b
NEKM	S. P. 724 (Fearless).....	b	NETJ	O-2.....	b
NEKN	Falcon.....	b	NETK	O-11.....	b
NEKP	Harbor Tug No. 74.....	b	NETL	O-12.....	b
NEKQ	Champlin.....	b	NETQ	Tatnuck.....	b
NEKR	Hercules.....	b	NETS	Meredith.....	b
NEKS	S. P. 1015 (Challenge).....	b	NETT	Bush.....	b
NEKZ	Manhattan.....	b	NETV	Cowell.....	b
NELB	Saratoga.....	b	NETX	Mattox.....	b
NELF	Ranger.....	b	NETZ	Koka.....	b
NELG	Dorsey.....	b	NEVB	Sunnadin.....	b
NELK	Pyro.....	b	NEVC	Napa.....	b
NELL	Nitro.....	b	NEVD	O-14.....	b
NELN	H-8.....	b	NEVK	Sciota.....	b
NELR	Contocook.....	b	NEVL	Pinola.....	b
NELV	Ashville.....	b	NEVM	Ortolo.....	b
NELX	Aaron Ward.....	b	NEVP	Algorna.....	b
NEMC	Medusa.....	b	NEVQ	Carrabasset.....	b
NEMD	Sara Thompson.....	b	NEVR	Iuka.....	b
NEMG	Schenck.....	b	NEVS	Anthony.....	b
NEMJ	Herbert.....	b	NEVT	Sproston.....	b
NEML	Branch.....	b	NEVV	Rizal.....	b
NEMS	Evans.....	b	NEVX	Mackenzie.....	b
NEMT	McKean.....	b	NEVZ	Renshaw.....	b
NEMZ	Harding.....	b	NEXB	Radford.....	b
NEMX	Gridley.....	b	NEXC	Keosanqua.....	b
NENG	Chew.....	b	NEXF	Eagle 26.....	b
NENJ	Israel.....	b	NEXG	Eagle 27.....	b
NENL	Herdon.....	b	NEXI	O-1.....	b
NENM	Heron.....	b	NEXL	Knudson.....	b
NENN	Dallas.....	b	NEXM	Eagle 28.....	b
NENS	Atlantic.....	b	NEXN	Eagle 29.....	b
NENT	Hazelwood.....	b	NEXP	Car.....	b
	Williams.....	b	NEXR	Mugford.....	b

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

Call.	Station.	Call.	Station.	
NEXS	O'Bannon.....	b	NIGJ Laub.....	b
NEXT	Hogan.....	b	NIGK McLanahan.....	b
NEXV	Stansbury.....	b	NIGL Edwards.....	b
NEXX	Hopewell.....	b	NIGM Greene.....	b
NEZX	Haraden.....	b	NIGN Ballard.....	b
NEZG	Eagle 31.....	b	NIGP Swasey.....	b
NEZJ	Eagle 32.....	b	NIGQ John Frances Burnes.....	b
NEZN	O-13.....	b	NIGR J. Fred Talbot.....	b
NEZP	Tarbell.....	b	NIGS Yarnall.....	b
NEZQ	Delphy.....	b	NIGT Cook.....	b
NEZR	Gamble.....	b	NIJB Curlew.....	b
NEZS	Abbot.....	b	NIJF Turkey.....	b
NEZT	Clemson.....	b	NIJG Partridge.....	b
NEZV	Hatfield.....	b	NIJJ Bobolink.....	b
NEZX	Brooks.....	b	NIJK Lark.....	b
NEZZ	Belknap.....	b	NIJL Osprey.....	b
NIBB	Eagle 33.....	b	NIJM Seagull.....	b
NIBC	Eagle 39.....	b	NIJN Flamingo.....	b
NIBD	Eagle 34.....	b	NIJP Swan.....	b
NIBF	Eagle 40.....	b	NIJQ Whippoorwill.....	b
NIBG	Eagle 35.....	b	NIJR Bittern.....	b
NIBJ	Eagle 41.....	b	NIJS Sanderling.....	b
NIBK	Eagle 36.....	b	NIJT Auk.....	b
NIBL	Eagle 42.....	b	NIJV Chewink.....	b
NIBM	Eagle 37.....	b	NIJX Gannet.....	b
NIBN	Eagle 38.....	b	NIKB Mallard.....	b
NIBP	Eagle 43.....	b	NIKC Ortolan.....	b
NIBQ	Eagle 44.....	b	NIKD Peacock.....	b
NIBR	Eagle 45.....	b	NIKF Pigeon.....	b
NIBS	Eagle 46.....	b	NIKG Redwing.....	b
NIBT	Eagle 47.....	b	NIKK Sandpiper.....	b
NIBV	Eagle 48.....	b	NIKL Vireo.....	b
NIBX	Eagle 49.....	b	NIKM Warbler.....	b
NIBZ	Eagle 50.....	b	NIKN Willet.....	b
NICB	Eagle 51.....	b	NIKP Woodcock.....	b
NICC	Eagle 52.....	b	NIKQ Quail.....	b
NICD	Eagle 53.....	b	NIKR Eider.....	b
NICF	Eagle 54.....	b	NIKS Thrush.....	b
NICG	Eagle 55.....	b	NIKT Tern.....	b
NICJ	Eagle 56.....	b	NIKV Cormorant.....	b
NICK	Eagle 57.....	b	NIKX Grebe.....	b
NICL	Eagle 58.....	b	NIKZ Raven.....	b
NICM	Eagle 59.....	b	NILB T-1.....	b
NICN	Eagle 60.....	b	NILC R-1.....	b
NICP	Cygan.....	b	NILD R-2.....	b
NICQ	V-1.....	b	NILF R-3.....	b
NICR	V-2.....	b	NILG R-4.....	b
NICS	V-3.....	b	NILJ R-5.....	b
NICT	V-4.....	b	NILK R-6.....	b
NICV	V-5.....	b	NILL R-7.....	b
NICX	V-6.....	b	NILM R-8.....	b
NICZ	V-7.....	b	NILN R-9.....	b
NIDB	Quigley.....	b	NILP R-10.....	b
NIDC	Stellenwerf.....	b	NILQ R-11.....	b
NIDD	V-8.....	b	NILR R-12.....	b
NIDF	Despatch.....	b	NILS R-13.....	b
NIDG	Richards.....	b	NILT R-14.....	b
NIDJ	V-9.....	b	NILV R-21.....	b
NIDL	Mehalatos.....	b	NILX R-22.....	b
NIFB	Crane.....	b	NILZ R-23.....	b
NIFC	Ramsay.....	b	NIMB R-24.....	b
NIFD	Ellis.....	b	NIMC R-25.....	b
NIFF	Chauncey.....	b	NIMD R-26.....	b
NIFG	Fuller.....	b	NIMF R-27.....	b
NIFJ	Percival.....	b	NIMG S-1.....	b
NIFK	Brazos.....	b	NIMJ S-2.....	b
NIFL	Hamilton.....	b	NIMK S-3.....	b
NIFM	Howard.....	b	NIML S-4.....	b
NIFN	Thomas.....	b	NIMM S-5.....	b
NIFP	Neches.....	b	NIMN S-6.....	b
NIFQ	Pecos.....	b	NIMP S-7.....	b
NIFR	Torpedo Test Barge No. 1.....	b	NIMQ S-8.....	b
NIFS	Torpedo Test Barge No. 2.....	b	NIMR S-9.....	b
NIFT	Coast Torpedo Boat No. 6.....	b	NIMS S-10.....	b
NIFV	Cyan.....	b	NIMT S-11.....	b
NIFX	Torpedo Test Barge No. 3.....	b	NIMV S-12.....	b
NIFZ	Torpedo Test Barge No. 4.....	b	NIMX S-13.....	b
NIGB	McCook.....	b	NIMZ S-14.....	b
NIGC	McCalla.....	b	NINB S-15.....	b
NIGD	Kalk.....	b	NINC S-16.....	b
NIGF	Ingram, Osmond.....	b	NIND S-17.....	b
NIGG	McDermut.....	b	NINF S-18.....	b

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

Call.	Station.	Call.	Station.		
NING	S-19.....	b	NOFX	Sub. chaser No. 93.....	b
NINJ	S-20.....	b	NOGJ	Sub. chaser No. 100.....	b
NINK	S-21.....	b	NOGL	Sub. chaser No. 102.....	b
NINL	S-22.....	b	NOGN	Sub. chaser No. 104.....	b
NIMM	S-23.....	b	NOGQ	Sub. chaser No. 106.....	b
NINN	S-24.....	b	NOJK	Sub. chaser No. 119.....	b
NINP	S-25.....	b	NOJM	Sub. chaser No. 121.....	b
NINQ	S-26.....	b	NOKN	Sub. chaser No. 143.....	b
NINR	S-27.....	b	NOKQ	Sub. chaser No. 145.....	b
NINS	S-28.....	b	NOKR	Sub. chaser No. 147.....	b
NINT	S-29.....	b	NOLC	Sub. chaser No. 154.....	b
NINV	S-30.....	b	NOLF	Sub. chaser No. 156.....	b
NINX	S-31.....	b	NOLK	Sub. chaser No. 159.....	b
NINZ	S-32.....	b	NOLR	Sub. chaser No. 177.....	b
NIPB	S-33.....	b	NOMD	Sub. chaser No. 185.....	b
NIPC	S-34.....	b	NOMF	Sub. chaser No. 186.....	b
NIPD	S-35.....	b	NOMJ	Sub. chaser No. 188.....	b
NIPF	S-36.....	b	NOML	Sub. chaser No. 190.....	b
NIPG	S-37.....	b	NOMM	Sub. chaser No. 191.....	b
NIPJ	S-38.....	b	NOMN	Sub. chaser No. 192.....	b
NIPK	S-39.....	b	NOMR	Sub. chaser No. 195.....	b
NIPL	S-40.....	b	NONN	Sub. chaser No. 210.....	b
NIPM	S-41.....	b	NONS	Sub. chaser No. 214.....	b
NIPN	S-42.....	b	NOPF	Sub. chaser No. 223.....	b
NIPP	S-43.....	b	NOPG	Sub. chaser No. 224.....	b
NIPQ	S-44.....	b	NOPN	Sub. chaser No. 229.....	b
NIPR	S-45.....	b	NOPO	Sub. chaser No. 231.....	b
NIPS	S-46.....	b	NOPR	Sub. chaser No. 232.....	b
NIPT	S-47.....	b	NOFZ	Sub. chaser No. 237.....	b
NIPV	S-48.....	b	NOQQ	Sub. chaser No. 251.....	b
NIPX	S-49.....	b	NOQR	Sub. chaser No. 252.....	b
NIPZ	S-50.....	b	NOQS	Sub. chaser No. 253.....	b
NIQB	Sub. chaser No. 425.....	b	NORJ	Sub. chaser No. 263.....	b
NIQC	Sub. chaser No. 426.....	b	NORK	Sub. chaser No. 264.....	b
NIDQ	Sub. chaser No. 427.....	b	NORR	Sub. chaser No. 270.....	b
NIQK	S-51.....	b	NORS	Sub. chaser No. 271.....	b
NIQL	Sub. chaser No. 432.....	b	NORV	Sub. chaser No. 273.....	b
NIQP	Johansson.....	b	NOSC	Sub. chaser No. 277.....	b
NIQT	Sub. chaser No. 439.....	b	NOSD	Sub. chaser No. 278.....	b
NIQV	Sub. chaser No. 440.....	b	NOSL	Sub. chaser No. 283.....	b
NIQX	Sub. chaser No. 441.....	b	NOSM	Sub. chaser No. 284.....	b
NIRB	Sub. chaser No. 443.....	b	NOSQ	Sub. chaser No. 287.....	b
NIRC	Sub. chaser No. 444.....	b	NOTB	Sub. chaser No. 294.....	b
NIRL	Whitney.....	b	NOTC	Sub. chaser No. 295.....	b
NIRM	Holland.....	b	NOTG	Sub. chaser No. 298.....	b
NIRN	Wright.....	b	NOTJ	Sub. chaser No. 299.....	b
NIRP	Iowa.....	b	NOTL	Sub. chaser No. 301.....	b
NIRQ	Massachusetts.....	b	NOTN	Sub. chaser No. 303.....	b
NIRR	Marblehead.....	b	NOTQ	Sub. chaser No. 305.....	b
NIRS	Indiana.....	b	NOTR	Sub. chaser No. 306.....	b
NIRT	Raleigh.....	b	NOTT	Sub. chaser No. 308.....	b
NIRV	Concord.....	b	NOTX	Sub. chaser No. 310.....	b
NISB	Tingard.....	b	NOVC	Sub. chaser No. 320.....	b
NISC	Klingelhoefer.....	b	NOVL	Sub. chaser No. 326.....	b
NISD	Boyce.....	b	NOVN	Sub. chaser No. 328.....	b
NISG	South Dakota.....	b	NOVQ	Sub. chaser No. 330.....	b
NISJ	Montana.....	b	NOVS	Sub. chaser No. 332.....	b
NISK	North Carolina.....	b	NOXF	Sub. chaser No. 340.....	b
NISL	Omaha.....	b	NOXG	Sub. chaser No. 341.....	b
NISM	Milwaukee.....	b	NOXS	Sub. chaser No. 353.....	b
NISN	Cincinnati.....	b	NOZC	Sub. chaser No. 408.....	b
NISP	Detroit.....	b	NOZD	Sub. chaser No. 409.....	b
NISQ	Richmond.....	b	NOZI	Sub. chaser No. 412.....	b
NISR	Trenton.....	b	NOZK	Sub. chaser No. 413.....	b
NISS	Memphis.....	b	NOZR	Sub. chaser No. 419.....	b
NIST	Tulsa.....	b	NOZZ	Sub. chaser No. 424.....	b
NITB	Taylor.....	b	NUBB	S. P. 43 (Daraga).....	b
NITK	Larsen.....	b	NUBC	S. P. 909 (Eaglet).....	b
NITL	Nansemond.....	b	NUBK	S. P. 54 (Patrol No. 6).....	b
NITQ	Diamond Shoals I. V. No. 72.....	c	NUBM	Vesuvius.....	b
NITR	Relief L. V. No. 78.....	c	NUBR	S. P. 3297 (Winthrop).....	b
NITS	Relief L. V. No. 90.....	c	NUBS	S. P. 726 (Orca).....	b
NIXG	Smith (C. G.).....	b	NUBT	S. P. 522 (Chas. Mann).....	b
NIZD	Oveson (C. G.).....	b	NUCF	Lilac (L. H. T.).....	b
NOBQ	Sub. chaser No. 23.....	b	NUCG	S. P. 573 (Easthampton).....	b
NOBF	Sub. chaser No. 57.....	b	NUCJ	S. P. 1234 (Cigarette).....	b
NODM	Sub. chaser No. 62.....	b	NUCK	S. P. 765 (Adelante).....	b
NODN	Sub. chaser No. 63.....	b	NUCR	S. P. 680 (Ardent).....	b
NODP	Sub. chaser No. 64.....	b	NUCS	S. P. 642 (Felicia).....	b
NODR	Sub. chaser No. 69.....	b	NUCT	S. P. 265 (Pocomoke).....	b
NODT	Sub. chaser No. 71.....	b	NUCX	S. P. 214 (Editha).....	b

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

Call.	Station.	Call.	Station.		
NUCZ	S. P. 249 (Hauoli).....	b	NUNC	Lamson.....	b
NUDF	S. P. 179 (Privateer).....	b	NUND	Dale.....	b
NUDG	Ranger.....	b	NUNF	Flusser.....	b
NUDK	S. P. 2373 (Herreshoff Hull No. 322).....	b	NUNG	Preble.....	b
NUDR	S. P. 707 (Endion).....	b	NUNJ	Preston.....	b
NUFB	Mohawk.....	b	NUNK	Reid.....	b
NUFG	S. P. 399 (Legonia).....	b	NUNL	Whipple.....	b
NUFL	S. P. 838 (Lawrence).....	b	NUNM	Worden.....	b
NUFM	Sunflower.....	b	NUNN	Stewart.....	b
NUFN	S. P. 1149 (Barnett).....	b	NUNQ	United States.....	b
NUFZ	S. P. 185 (Clarinda).....	b	NUNR	Dobbin.....	b
NUGB	S. P. 3218 (Resolute).....	b	NUNS	Williamson.....	b
NUGD	Mackinac.....	b	NUNT	Reuben James.....	b
NUGF	Relief No. 2 (L. V.).....	b	NUNV	Isherwood.....	b
NUGG	Natoma.....	b	NUNX	Case.....	b
NUGJ	Alameda.....	b	NUNZ	Nicolas.....	b
NUGK	Kaweah.....	b	NUPC	John D. Edwards.....	b
NUGL	Laramie.....	b	NUPD	Parrott.....	b
NUGM	Mattole.....	b	NUPF	Lardner.....	b
NUGN	Patoka.....	b	NUPG	Putnam.....	b
NUGP	Ramapo.....	b	NUPJ	Pequot.....	b
NUGQ	Rapidan.....	b	NUPK	Coghlan.....	b
NUGR	Salinas.....	b	NUPL	Sicard.....	b
NUGS	Sapelo.....	b	NUPM	Edsall.....	b
NUGT	Sepulga.....	b	NUPN	Bulmer.....	b
NUGV	Tippecanoe.....	b	NUPQ	Billingsley.....	b
NUGX	Trinity.....	b	NUPR	Ausburne, Charles.....	b
NUJD	Upshur, Abel P.....	b	NUPS	Bruce.....	b
NUJF	Hunt.....	b	NUPT	MacLeish.....	b
NUJG	Badger, George E.....	b	NUPV	Pruitt.....	b
NUJJ	Thompson, Smith.....	b	NUPX	Simpson.....	b
NUJK	Barker.....	b	NUPZ	McCormick.....	b
NUJL	Tracy.....	b	NUQB	Pope.....	b
NUJM	Paulding, James K.....	b	NUQC	Osborne.....	b
NUJN	Overton.....	b	NUQD	Peary.....	b
NUJP	Sturtevant.....	b	NUQE	Goff.....	b
NUJQ	Henshaw.....	b	NUQG	Pillsbury.....	b
NUJR	Meyer.....	b	NUQJ	Ford.....	b
NUJS	Doyen.....	b	NUQK	Truxton.....	b
NUJT	La Vallette.....	b	NUQL	Bainbridge.....	b
NUJV	Shirk.....	b	NUQM	Hopkins.....	b
NUJX	Kidder.....	b	NUQN	Paul Jones.....	b
NUJZ	Selfridge.....	b	NUQP	Barry.....	b
NUKB	Smith, Robert.....	b	NUQQ	Lawrence.....	b
NUKC	Wasmuth.....	b	NUQR	MacDonough.....	b
NUKD	Hulbert.....	b	NUQS	Perry.....	b
NUKF	Noa.....	b	NUQT	Hull.....	b
NUKX	Humphreys.....	b	NUQV	Decatur.....	b
NULD	Harbor tug No. 63.....	b	NUQX	Summer.....	b
NULG	Harbor tug No. 67.....	b	NUQZ	Corry.....	b
NULJ	Welborn C. Wood.....	b	NURB	Mahanna.....	b
NULK	Alden.....	b	NURC	Melvin.....	b
NULL	Borie.....	b	WIM	Northern Pacific.....	b
NULM	Kane.....	b	WIR	Great Northern.....	b
NULN	Childs.....	b	WJD	Tongshan, China.....	c
NULP	King.....	b	WJI	Atka Island, Alaska.....	c
NULQ	Sands.....	b	WUA	Fort Andrews, Mass.....	c
NULR	Sinclair.....	b	WUAB	Cadmus.....	b
NULS	McCawley.....	b	WUAC	Gypsum Prince.....	b
NULT	Moody.....	b	WUAD	Gwalla.....	b
NULV	Sharkey.....	b	WUAE	Tacony.....	b
NULX	Toucey.....	b	WUBA	Camp Alfred Vail, N. J.....	c
NULZ	Breck.....	b	WUBD	Fort Sill, Okla.....	c
NUMB	Zellin.....	b	WUB	Fort Hancock, N. J.....	c
NUMC	Yarborough.....	b	WUC	Fort H. G. Wright, N. J.....	c
NUMD	Sloat.....	b	WUCB	Camp John Hay, P. I.....	c
NUMF	Wood.....	b	WUCA	Camp Stotsenburg, P. I.....	c
NUMG	Marcus.....	b	WUD	Fort Leavenworth, Kans.....	c
NUMJ	Mervine.....	b	WUE	Fort Levett, Me.....	c
NUMK	Chase.....	b	WUF	Fort Monroe, Va.....	c
NUML	Mullany.....	b	WUG	Fort Monroe, Va.....	c
NUMM	Litchfield.....	b	WUH	Fort McIntosh, Tex.....	c
NUMN	Zane.....	b	WUI	Fort Riley, Kans.....	c
NUMP	Trever.....	b	WUJ	Fort Sam Houston, Tex.....	c
NUMQ	William B. Preston.....	b	WUK	Fort Stevens, Ore.....	c
NUMR	Harbor tug No. 68.....	b	WUL	Fort Totten, N. Y.....	c
NUMS	S. P. 681 (Breakwater).....	b	WUN	Fort Worden, Wash.....	c
NUMT	Harbor tug No. 64.....	b	WUO	Fort Winfield Scott, Calif.....	c
NUMV	Mansfield.....	b	WUP	Washington, D. C.....	c
NUMX	Harbor tug No. 61.....	b	WUQ	Washington, D. C.....	c
NUMZ	Kankakee.....	b	WUR	Fort Morgan, Ala.....	c
NUNB	Yocona.....	b	WUS	Fort Rosecrans, Calif.....	c



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

Call.	Station.	Call.	Station.
WUT	Fort Caswell, N. C. ....c	WYC	Major Samuel Ringgold. ....b
WUU	Fort Adams, R. I. ....c	WYD	General Henry J. Hunt. ....b
WUV	Livengood, Alaska. ....c	WYE	General Henry Knox. ....b
WUW	Fort Terry, N. Y. ....c	WYF	General E. O. C. Ord. ....b
WUX	Fort Crockett, Tex. ....c	WYG	Colonel George Armistead. ....b
WUY	Fort San Jacinto, Tex. ....c	WYH	General Robert Anderson. ....b
WUZ	Fort Brown, Tex. ....c	WYI	Captain Charles W. Rowell. ....b
WVA	Circle City, Alaska. ....c	WYJ	General A. M. Randal. ....b
WVB	Fairbanks, Alaska. ....c	WYK	General Harvey Brown. ....b
WVC	Fort Ebert, Alaska. ....c	WYL	General R. B. Ayres. ....b
WVD	Fort Gibbon, Alaska. ....c	WYM	Captain James Fornance. ....b
WVE	Fort St. Michael, Alaska. ....c	WYN	Reno. ....b
WVF	Kotlik, Alaska. ....c	WYO	Major Evan Thomas. ....b
WVG	Nome, Alaska. ....c	WYP	Captain Gregory Barrett. ....b
WVH	Nulato, Alaska. ....c	WYQ	Major Albert G. Forse. ....b
WVI	Petersburg, Alaska. ....c	WYR	Lieut. Geo. M. Harris. ....b
WVJ	Wrangell, Alaska. ....c	WYS	General G. W. Getty. ....b
WVK	Holy Cross, Alaska. ....c	WYT	Captain A. M. Wetherill. ....b
WVL	Fort Frank, P. I. ....c	WYU	General Robert W. Swartout. ....b
WVN	Fort Mills, P. I. ....c	WYV	General S. B. Holabird. ....b
WVP	Fort Drum, P. I. ....c	WYW	General R. H. Jackson. ....b
WVR	Fort Wint, P. I. ....c	WYX	Tientsin, China. ....c
WVU	Manilia, P. I. ....c	WYY	General Richard Arnold. ....b
WVZ	Fort Mills, P. I. ....c	WYZ	Captain T. M. Morrison. ....b
WVO	Cleveland, Ohio. ....c	WZA	Fort Screven, Ga. ....c
WVQ	Bellefonte, Pa. ....c	WZAA	Boston, Mass. ....c
WVU	Newark, N. J. ....c	WZAB	Fort Wood, N. Y. ....c
WVV	Washington, D. C. ....c	WZAC	Fort Howard, Md. ....c
WVX	Washington, D. C. ....c	WZAD	Fort McPherson, Ga. ....c
WVY	Slocum. ....b	WZAE	Fort Benjamin Harrison, Ind. ....c
WXA	Buford. ....b	WZAF	Fort Sheridan, Ill. ....c
WXB	Crook. ....b	WZAG	Fort Omaha, Nebr. ....c
WXC	Dix. ....b	WZAH	Fort Mason, Calif. ....c
WXE	Liscum. ....b	WZB	Fort Howard, Md. ....c
WXF	Logan. ....b	WZC	Fort Whitman, Wash. ....c
WXG	Fort Washington, Md. ....c	WZD	Fort Barrancas, Fla. ....c
WXI	Merritt. ....b	WZE	Fort Constitution, N. H. ....c
WXJ	Sheridan. ....b	WZF	Fort Moultrie, S. C. ....c
WXK	Sherman. ....b	WZH	Fort Eads, La. ....c
WXL	Iditarod, Alaska. ....c	WZI	Shanghai, China. ....c
WXM	Thomas. ....b	WZJ	Fort Casey, Wash. ....c
WXN	Warren. ....b	WZK	Fort Dade, Fla. ....c
WXP	Craig, Alaska. ....c	WZN	Fort Du Pont, Del. ....c
WXX	Fort Travis, Tex. ....c	WZO	Fort Bliss, Tex. ....c
WXQ	Fort St. Philip, La. ....c	WZP	Fort Huachuca, Ariz. ....c
WXR	Burnside. ....b	WZQ	General Timothy Pickering. ....b
WXT	Joseph Henry. ....b	WZR	General Nathaniel Greene. ....b
WXU	Navesink. ....b	WZS	Henry Wilson. ....b
WXV	McGrath, Alaska. ....c	WZT	General George H. Weeks. ....b
WXW	General John M. Schofield. ....b	WZU	Sprigg Carroll. ....b
WXX	Fort Yukon, Alaska. ....c	WZV	General J. M. Brannan. ....b
WXY	Washington, D. C. ....c	WZW	General R. N. Batchelder. ....b
WXZ	Fort Story, Va. ....c	WZX	General Miffin. ....b
WYA	General Royal T. Frank. ....b	WZY	Major Guy Howard. ....b
WYB	General S. M. Mills. ....b	WZZ	San Pedro. ....b

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

[Additions to the List of Radio Stations of the United States, edition of June 15, 1919, only.]

Station.	Call signal.	Wave lengths.	Station controlled by—
Agricultural College, Miss.	5YD	200, 375	Mississippi Agricultural & Mechanical College.
Agricultural College, N. Dak.	8Y G	.....	North Dakota Agricultural College.
Alderson, W. Va.	8Y F	200, 375	Camp Greenbrier.
Alexandria, La.	5Z D	200, 375	Frank B. Beuhler.
Alliance, Ohio.	8Y T	200, 375	Mount Union College.
Ames, Iowa.	9Y I	250, 425	Iowa State College.
Ann Arbor, Mich.	8X A	Variable.	University of Michigan.
Anthony, Kans.	9Z A C	200, 375	Perry E. Thurman.
Asheville, N. C.	4Z D	200, 375	Piedmont Electric Co.
Ashland, Ohio.	8Z N	200, 375	J. W. Kauffman.
Atlanta, Ga.	4X C	200, 375	B. W. Benning.
Atlanta, Ga.	4Y A	200, 375	Georgia School of Technology.
Atlanta, Ga.	4Y J	200, 375	Knights of Columbus School.
Atlanta, Ga.	4Z B	200, 375	Georgia Railway & Power Co.
Auburn, Ala.	5X A	200, 375, 425	Alabama Polytechnic Institute.
Auburn, N. Y.	8Y A	200, 375	Colby's Telegraph School.
Austin, Tex.	5Z A G	200, 375	George E. Endress.
Austin, Tex.	5Z U	200, 375	Wesley H. Tilley.
Avalon, Calif.	6X A D	Variable.	Lawrence Mott.
Bala, Pa.	3Z A	300, 325	Charles A. Service, jr.
Baltimore, Md.	3X D	.....	Johns Hopkins University.
Baltimore, Md.	3X G	Variable.	Johns Hopkins University.
Baltimore, Md.	3Y H	200, 300, 600	Young Men's Christian Association.
Baltimore, Md.	3Z U	200, 300, 375, 600	Southern Wireless Institute.
Baton Rouge, La.	5Z A C	200, 300, 375, 600	Wilmer L. Barrow.
Battle Creek, Mich.	8Y N	200, 375	Battle Creek High School.
Battle Creek, Mich.	8Z C	200, 375	Bert E. Clough.
Baudette, Minn.	9Z C	200, 375	John A. Gjelhaug.
Bear Creek, Mont.	7Z G	.....	Winfred E. Slauson.
Bedford, Iowa.	8X A J	200, 375, 425	Bedford Light, Heat & Power Co.
Belfast, Me.	1X R	300, 400, 600, 700	International Radio Telegraph Co.
Bellefonte, Pa.	.....	1700	.....
Belleville, Ill.	9X X	200, 375	Chas. B. Harrison.
Berkeley, Calif.	6X K	Variable.	Bernard F. McNamee.
Berkeley, Calif.	6X M	Variable.	University of California.
Bethesda, Md.	3Z F	200, 375	John V. Pursell.
Biloxi, Miss.	5Z A H	200, 300, 375, 600	Hubert S. Ogden.
Blacksburg, Va.	3X N	Variable.	Virginia Polytechnic Institute.
Blackwell, Okla.	5Z Z	200, 375	Schonwald Bros.
Bloomington, Ind.	9Y A G	200, 375	Indiana University.
Bloomington, Ill.	9Y S	200, 375	Illinois Wesleyan University.
Boise, Idaho.	7Y A	200, 375	Independent School District of Boise City.
Boston, Mass.	1Y C	.....	Eastern Radio Institute.
Boston, Mass.	1Y S	300, 425, 600	Massachusetts Radio & Training School.
Bozeman, Mont.	7X B	Variable.	Montana State College.
Bozeman, Mont.	7Z D	200, 375	R. Earl Dawes.
Brooklyn, N. Y.	2X T	Variable.	Lowenstein Radio Co.
Buena Vista, Ga.	4X E	200, 375	William B. Short.
Buffalo, N. Y.	8Y Q	200, 300, 375, 600	Independent Wireless Telegr. Co.
Buffalo, N. Y.	8Z M	200, 375	Cyrus H. Fraser.
Burley, Idaho.	7Y F	.....	Burley High School.
Burlingame, Calif.	6Z R	200, 300, 375, 600	Hall Berringer.
Burrwood, La.	5X E	Variable.	Tropical Radio Teleg. Co.
Cambridge, Mass.	1X A B	Variable.	Clapp-Eastham Co.
Cambridge, Mass.	1X J	300, 600, 5000, 10000	Harvard University.
Cambridge, Mass.	1X M	Variable.	Massachusetts Institute of Technology.
Camden, N. J.	3Y Q	200, 300, 375, 600	Federal Institute of Radio Telegraphy.
Camp Dix, N. J.	2Y A	.....	Knights of Columbus.
Canton, Ohio.	8Z V	200, 375	Henry L. Ley.
Casper, Wyo.	7Z O	200, 375	Norman R. Hood.
Charlotte, N. C.	4X D	200, 375	F. M. Laxton.
Chicago, Ill.	9X G	Variable.	Austin A. Howard.

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

Station.	Call signal.	Wave lengths.	Station controlled by—
Chicago, Ill.....	9YE	200, 300, 375, 600	Tilden Technical High School.
Chicago, Ill.....	9YL	200, 300, 375, 600	Armour Institute of Technology.
Chicago, Ill.....	9ZN	200, 300, 375, 600	Ralph H. G. Mathews.
Cincinnati, Ohio.....	8XB	200, 375	Precision Equipment Co.
Cincinnati, Ohio.....	8XY	200, 375, 500	Cino Radio Mfg. Co.
Cincinnati, Ohio.....	8YS	200, 375	University of Cincinnati.
Cincinnati, Ohio.....	8YX	200, 375	University of Cincinnati.
Cincinnati, Ohio.....	8ZH	200, 375	East High School.
Cincinnati, Ohio.....	8ZJ	200, 375	Hughes High School.
Clarinda, Iowa.....	9ZA A	200, 375	Farmers Mutual Telephone Co.
Cleveland, Ohio.....	8XV	250, 300, 600	Frederick S. McCullough.
Cleveland, Ohio.....	8ZP	200, 300, 375, 600	Edward I. Deighan.
Cliffwood, N. J.....	2XF	350, 450	Western Electric Co.
Clifton, N. J.....	2ZM	200, 325, 425	Lester Spangenburg.
Clinton, Md.....	3XE	200, 300, 425	W. W. Conners.
Cochise, Ariz.....	6ZC	200, 375	Dr. J. B. Ellis.
Collegeville, Minn.....	9XT	200, 375	St. Johns University.
College Station, Tex.....	5XB	300, 500, 600	Agricultural & Mechanical College of Texas.
College Station, Tex.....	5YF	200, 375	Do.
Columbia, Mo.....	9YM	200, 375	University of Missouri.
Columbus, Ohio.....	8XI	200, 375	Ohio State University.
Corvallis, Oreg.....	7YJ	200, 375	Oregon Agricultural College.
Culver, Ind.....	9YQ	200, 375	Culver Military Academy.
Dallas, Tex.....	5XG	Variable.	Frank M. Corlett.
Dallas, Tex.....	5ZC	200, 425	Do.
Dallas, Tex.....	5ZG	200, 375	Bennett Emerson, sr.
Davenport, Iowa.....	9XE	Variable.	William H. Kirwan.
Dayton, Ohio.....	8YU	200, 375	Young Men's Christian Association.
Deal Beach, N. J.....	2XJ	300, 600	Western Electric Co.
Dearborn, Mich.....	8XD	200-600	Henry Ford.
Defiance, Ohio.....	8ZY	200, 375	K. A. Duerk.
Delaware, Ohio.....	8YK	200, 375	Ohio Wesleyan University.
Denver, Colo.....	9XAG	200, 375	Harry H. Buckwalter.
Denver, Colo.....	9ZD	200, 375	Edward C. Stockman.
Detroit, Mich.....	8YE	200, 300, 375, 600	Cass Technical High School.
Detroit, Mich.....	8YJ	200, 300, 375, 600	George W. Carter.
Douglas, Ariz.....	6ZZ	200, 375	Harry L. Gooding.
Dover, Ohio.....	8ZX	200, 375	Harry S. Weber.
Dublin, Tex.....	5XJ	Variable.	Guy W. Neel.
Dunmore, Pa.....	8ZQ	200, 375	Roy C. Ehrhardt.
Eagle Pass, Tex.....	5ZN	200, 375	Ed. Nettleton.
East Lansing, Mich.....	8YG	200, 375	Michigan Agricultural College.
Easton, Pa.....	3YO	200, 375	Lafayette College.
Elk, Wyo.....	7ZE	200, 375	Harold P. Sheard.
Ellendale, N. Dak.....	9ZX	200, 375	H. J. Goddard and E. S. Leavenworth.
El Paso, Tex.....	5ZAD	200, 375	A. LeRoy Hill.
Emporia, Kans.....	9YAA	200, 375	College of Emporia.
Eugene, Oreg.....	7YB	200, 300, 375, 600	University of Oregon.
Evanston, Ill.....	9YH	200, 375	Evanston High School.
Evansville, Ind.....	9XAH	200, 250, 375	Ideal Apparatus Co.
Forest Hills, Pa.....	8XZ	150, 200, 400	Harry M. Ryder.
Fort Pierce, Fla.....	4ZN	200, 300, 375, 600	Otis A. Gullledge.
Franklinton, La.....	5ZK	200, 425	Paul E. Greenlaw.
Fresno, Calif.....	6ZU	200, 375	Lloyd E. Martin.
Gainesville, Fla.....	4ZC	200, 375	University of Florida.
Galesburg, Ill.....	9XW	200, 375	Lombard College.
Glenridge, N. J.....	2XV	300, 400, 500, 600	Western Electric Co.
Golden, Colo.....	9XAI	200, 375	Colorado School of Mines.
Granville, Ohio.....	8YM	200, 375	Richard H. Howe.
Green Harbor, Mass.....	1XD	300, 325, 425, 600	Western Electric Co.
Greensboro, N. C.....	4ZA	250	James R. Wilke.
Gunnison, Colo.....	9YAH	200, 375	Colorado State Normal School.
Hagerstown, Md.....	3ZI	200, 375	Roy C. Corderman.
Hampton, N. H.....	1XY	200, 250, 300, 400, 425, 600	DeLancey Felch & Co.
Hanover, N. H.....	1YB	200, 300, 375, 600	Dartmouth College.
Hartford, Conn.....	1XV	200, 300, 375, 425, 600	C. D. Tuska Co.
Highland Park, Mich.....	8ZZ	200, 375	Clyde E. Darr.
Houma, La.....	5ZAB	200, 375	Francis L. Pullen.

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

Station.	Call signal.	Wave lengths.	Station controlled by—
Houston, Tex.	5YI	200, 375	Rice Institute.
Houston, Tex.	5ZAA	200, 375	Francis M. Austin.
Houston, Tex.	5ZE	200, 375	B. J. Still.
Houston, Tex.	5ZO	200, 300, 375, 425, 600	Clifford W. Vick.
Houston, Tex.	5ZT	200, 250, 375, 600	Ingham S. Roberts III.
Houston, Tex.	5ZV	200, 275, 375	Hallet E. Worthington.
Houston, Tex.	5ZX	200, 375	Alfred P. Daniel.
Independence, Mo.	9ZAD	200, 375	George S. Turner.
Independence, Mo.	9ZH	200, 375	Reorganized Church of Christ of Latter Day Saints.
Indianapolis, Ind.	9ZJ	200, 375	Francis F. Hamilton.
Ithaca, N. Y.	8XU	Variable.	Cornell University.
Jackson, Tenn.	5YB	200, 375	Young Men's Christian Association.
Jersey City, N. J.	2XAD	300, 350, 600	Ship Owners Radio Service.
Juliff, Tex.	5ZW	200, 375	Donald H. Graham.
Kansas City, Mo.	9XAB	200, 375	McCreary Radio Supply Co.
Kansas City, Mo.	9ZZ	200, 375	Walter M. Aronson and Albert R. Perkins.
Kearney, Neb.	9ZAB	200, 375	S. L. Keller.
Knoxville, Tenn.	5XK	Variable.	Philip Stout.
Lacey, Wash.	7YS	200, 375	St. Martin's College.
LaCrosse, Wis.	9ZY	200, 375	Ben A. Ott.
"Lancaster" (tugboat)	2XW	300, 350, 600	Pennsylvania R. R. Co.
Lansing, Mich.	8XS	200, 375	Wilcox Laboratories.
Lansing, Mich.	8ZF	200, 375	Maurice H. Pancost.
Le Mars, Iowa.	9YAE	200, 375	Western Union College.
Lewisburg, Pa.	8XJ	Variable.	Bucknell University.
Lexington, Ky.	9XC	200, 375	University of Kentucky.
Lexington, Ky.	9YAI	200, 375	Transylvania University.
Lexington, Va.	3YK	200, 375	Virginia Military Institute.
Lexington, Va.	3ZK	200, 375	Harry M. Quisenberry.
Lihue, Hawaii.	6ZAC	200, 375	Clifford J. Dow.
Lincoln, Neb.	9YY	200, 375	University of Nebraska.
Little Rock, Ark.	5YH	200, 375	U. S. Signal Corps.
Little Rock, Ark.	5ZL	200, 300, 375	John M. Clayton.
Los Altos, Calif.	6XAC	Variable.	Colin B. Kennedy Co.
Los Angeles, Calif.	6XD	250, 300, 550, 600	Western Radio Electric Co.
Los Angeles, Calif.	6XN	Variable.	Arno A. Kluge.
Los Angeles, Calif.	6XQ	200, 300, 375, 600, 1600	Southern California Edison Co.
Los Angeles, Calif.	6YA	200, 300, 375, 600	Young Men's Christian Association.
Los Angeles, Calif.	6ZG	200, 300, 375, 600	Forbes W. Van Why.
Lynn, Mass.	IXL	Variable.	General Electric Co.
Madison, Wis.	9XM	Variable.	University of Wisconsin.
Manhattan, Kans.	9YV	200, 375	Kansas State Agricultural College.
Manitowoc, Wis.	9ZL	200, 375	H. J. Burhop.
Manlius, N. Y.	8YB	200, 375, 1200	St. John's School.
Mansfield, Ohio.	8ZR	200, 300, 375, 600	Radio Club of Mansfield.
Marietta, Ohio.	8ZE	200, 375	Norman A. Thomas & Edward Manley.
Marietta, Ohio.	8ZT	200, 375	George M. Withington, jr.
Marion, Mass.	1ZE	200, 250, 375	Irving Vermilya.
Medford, Mass.	1XE	Variable.	American Radio & Research Corp.
Media, Pa.	3ZM	200, 300, 400, 600	Simon Deltbert, jr.
Memphis, Tenn.	5XL	200, 325	William B. Stieg.
Mesilla Park, N. Mex.	5ZJ	200, 375	R. W. Goddard.
Middletown, Conn.	1XN	Variable.	Walter G. Cady.
Milwaukee, Wis.	9YAD	200, 300, 375, 600	School of Engineering of Milwaukee.
Minneapolis, Minn.	9XI	Variable.	University of Minnesota.
Minneapolis, Minn.	9ZT	200, 375	Minnesota Wireless Association.
Montclair, N. J.	2XS	200, 275, 325, 425	Adams Morgan Co.
Morgantown, W. Va.	8YH	200, 375	West Virginia University.
Moscow, Idaho.	7ZM	200, 375	Jack Woodworth.
Mulga, Ala.	5ZV	200, 375	Thomas D. Sewell.
Muncie, Ind.	9YR	200, 375	Muncie Technical High School.
Napa, Calif.	6ZAD	200, 375	J. J. Mahler, jr.
New Braunfels, Tex.	5YK	200, 375	Edgar A. Sahn.
New Haven, Conn.	1XH	Variable.	Yale University.
New Haven, Conn.	1ZC	300, 600, 2100	A. C. Gilbert Co.
New Orleans, La.	5XH	Variable.	Tropical Radio Telegraph Co.
New Orleans, La.	5YC	200, 375	Nola Radio School.
New Orleans, La.	5YJ	200, 240, 300, 375, 600	Knights of Columbus.*
New Orleans, La.	5ZP	200, 250	Herbert E. DeBen.

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

Station.	Call signal.	Wave lengths.	Station controlled by—
New Philadelphia, Ohio.....	8ZA	200, 375	Charles J. Murray.
New Rochelle, N. Y.....	2ZK	200, 350, 425	George C. Cannon.
New York, N. Y.....	2XAF	Variable.	International Radio Telegraph Co.
New York, N. Y.....	2XAG	Variable.	Ware Radio Co.
New York, N. Y.....	2XB	Variable.	Western Electric Co.
New York, N. Y.....	2XC	Variable.	Ware Radio Co.
New York, N. Y.....	2XD	Variable.	Ware Radio Co.
New York, N. Y.....	2XG	Variable.	De Forest Radio Telephone & Telegraph Co.
New York, N. Y.....	2XK	Variable.	Superadio Corp.
New York, N. Y.....	2XN	Variable.	College of the City of New York.
New York, N. Y.....	2XNA	300, 350, 600	City College Radio Club.
New York, N. Y.....	2XNB	200, 325, 600	Townsend Harris Hall Radio Club.
New York, N. Y.....	2XO	200, 300, 600, 800	Walter G. Hudson.
New York, N. Y.....	2XU	Variable.	Samuel E. Adair.
New York, N. Y.....	2YZ	Variable.	Fordham University.
New York, N. Y.....	2YB	200, 300, 375, 600	B. B. Brownlee.
New York, N. Y.....	2YM	Variable.	East Side Young Men's Christian Association.
New York, N. Y.....	2YT	250, 300, 600	Marconi Institute.
Noroton Heights, Conn.....	1XAA	Variable.	Percival E. Fansler.
Norristown, Pa.....	3ZV	200, 375	Samuel W. Place.
Northfield, Minn.....	9YAJ	200, 375	St. Olaf College.
Northville, Mich.....	8XL	200, 300, 375, 600	Henry Ford.
Nutley, N. J.....	2ZH	200, 300, 325, 600	Arthur A. Hebert.
Oakland, Calif.....	6XAF	Variable.	Pacific Telephone & Telegraph Co.
Oakland, Calif.....	6XX	Variable.	St. Mary's College.
Oakland, Calif.....	6ZAE	200, 375	Chris F. Eiferle.
Olympia, Wash.....	7ZP	200, 375	Edwin W. Wilson.
Omaha, Nebr.....	9XAA	200, 375	Cramer & Swain.
Omaha, Nebr.....	9YP	200, 375	High School of Commerce.
Ossining, N. Y.....	2XX	Variable.	De Forest Radio Telephone & Telegraph Co.
Ottumwa, Iowa.....	9XAD	200, 375	William W. Harper.
Oxford, Ohio.....	8YR	200, 375	Miami University.
Palo Alto, Calif.....	6XV	Variable.	Federal Telegraph Co.
Parkersburg, Pa.....	3ZO	400	Horace A. Beale, jr.
Pembina, N. Dak.....	9YAF	200, 375	Pembina High School.
Peoria, Ill.....	9XAF	200, 375	Bradley Institute.
Philadelphia, Pa.....	3XC	300, 425, 600	Frank B. Chambers.
Philadelphia, Pa.....	3XI	300, 425, 600	Lester R. Damon.
Philadelphia, Pa.....	3XJ	200, 300, 425, 600	St. Joseph's College.
Philadelphia, Pa.....	3XS	200, 300, 600, 2500	George W. Carns.
Philadelphia, Pa.....	3XV	Variable.	Thomas Appleby.
Philadelphia, Pa.....	3YC	200, 300, 375, 600	North East High School.
Philadelphia, Pa.....	3YF	200, 300, 375, 600	Pennsylvania-Marconi Wireless School.
Philadelphia, Pa.....	3YG	200, 300, 375, 600, 2000, 2700	Philadelphia School of Wireless Telegraphy.
Philadelphia, Pa.....	3YI	200, 250	Knights of Columbus School.
Philadelphia, Pa.....	3ZG	200, 300, 375, 600	Allyn E. Seuffert.
Philadelphia, Pa.....	3ZJ	200, 300, 425, 600	Maj. J. H. Clinton.
Philadelphia, Pa.....	3ZQ	200, 300, 375, 600	Stanley C. Bryce.
Pilot Point, Tex.....	5ZB	200, 375	Clyde S. Mosteller.
Pittsburgh, Pa.....	8XH	200, 375, 425	Parker E. Wiggins.
Pittsburgh, Pa.....	8XK	Variable.	Frank Conrad.
Pittsburgh, Pa.....	8XM	200, 350	Phillips Thomas.
Pittsburgh, Pa.....	8XN	Variable.	Carnegie Institute of Technology Radio Club.
Pittsburgh, Pa.....	8YI	200, 375	University of Pittsburgh.
Pittsburgh, Pa.....	8YZ	200, 375	Peabody High School.
Pittsburgh, Pa.....	8ZD	200, 375	Burton P. Williams.
Pittsburgh, Pa.....	8ZO	200, 250	Frank Moore, jr.
Polytechnic, Mont.....	7XD	250, 350	Billings Polytechnic Institute.
Port Chester, N. Y.....	2ZE	100, 150, 200, 300, 375, 600	Paul F. Godley.
Portland, Oreg.....	7XA	Variable.	Radio Corporation of America.
Portland, Oreg.....	7XF	Variable.	Northwestern Radio Mfg. Co.
Portland, Oreg.....	7YG	200, 300, 375, 600	Young Men's Christian Association.
Portland, Oreg.....	7YH	200, 375	Washington High School.
Portland, Oreg.....	6YK	200, 300, 375, 600	Benson Polytechnic School.
Portland, Oreg.....	7ZB	200, 375	William A. Leidigh, jr.

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

Station.	Call signal.	Wave lengths.	Station controlled by—
Portland, Oreg.....	7ZI	200, 300, 375, 600	Charles L. Austin.
Port Richmond, N. Y.....	2XAA	Variable.	Radio Corporation of America.
Princeton, N. J.....	3XM	200, 375	David Richardson.
Princeton, N. J.....	3XU	Variable.	Walter V. Roberts.
Providence, R. I.....	1XF	Variable.	Electrical Products Mfg. Co.
Providence, R. I.....	1XX	Variable.	Brown University.
Rapid City, S. Dak.....	9YW	200, 375	South Dakota State School of Mines.
Redlands, Calif.....	6ZJ	200, 375	Arthur L. Munzig.
Reno, Nev.....	6ZO	200, 375	Hadley S. Beedle.
Richfield, Utah.....	6ZH	200, 375	Wesley C. Thompson.
Richmond, Ind.....	9ZAE	200, 375	Palladium Printing Co.
Richmond, Va.....	3ZL	200, 300	Clay D. Blair.
Richmond, Va.....	3ZP	200, 375	Ralph R. Chappell.
Richmond Hill, N. Y.....	2XE	300, 600, 2600, 2800	A. H. Grebe & Co.
Richmond Hill, N. Y.....	2ZV	230, 275, 300, 600	Do.
Ridgway, Pa.....	8XO	200, 325, 375	Pittsburgh Wireless Equipment Co.
Rochester, N. Y.....	8ZK	200, 375	Alexander M. Lindsay, jr.
Rock Island, Ill.....	9XAC	Variable.	Karlana Radio Corp.
Rockland, Me.....	1XQ	300, 400, 600, 1700	International Radio Telegraph Co.
Roselle Park, N. J.....	2XR	Variable.	Radio Corporation of America.
Roswell, N. Mex.....	5ZA	200, 275	Louis Falconi.
Salem, Ohio.....	8ZG	200, 375	A. J. Manning.
Salt Lake City, Utah.....	6ZA	200, 200, 375	Ira J. Kaar.
Salt Lake City, Utah.....	6ZM	200, 375	The Desert News.
Salt Lake City, Utah.....	6ZT	200, 375	Art Johnson.
San Antonio, Tex.....	5XP	Variable.	E. M. Baker.
San Antonio, Tex.....	5ZAE	200, 375	Leavell D. Wall.
San Antonio, Tex.....	5ZAI	200, 375	R. C. Walker.
San Antonio, Tex.....	5ZR	200, 375	John C. Rodriguez.
San Diego, Calif.....	6XZ	200, 300, 375, 600	R. O. Shelton, M. D.
San Diego, Calif.....	6ZB	200, 300, 375, 600	Dr. Alfred E. Banks.
Sanford, Fla.....	5ZH	200, 375	Clarence M. Wickes.
San Fernando, Calif.....	6ZN	200, 300, 375, 600	B. H. Dennis & C. A. Taylor.
San Francisco, Calif.....	6XAA	Variable.	Pacific Telephone & Telegraph Co.
San Francisco, Calif.....	6XAB	Variable.	Colin B. Kennedy Co.
San Francisco, Calif.....	6XAE	Variable.	The Radio Telephone Shop.
San Francisco, Calif.....	6XC	Variable.	Luede Forest (Inc.).
San Francisco, Calif.....	6XG	Variable.	Leo J. Meyberg Co.
San Francisco, Calif.....	6XJ	Variable.	Otis B. Moorhead.
San Francisco, Calif.....	6XP	Variable.	Moorhead Laboratories (Inc.).
San Francisco, Calif.....	6XT	Variable.	Baruch Research Laboratories.
San Francisco, Calif.....	6ZAB	200, 375	S. Peterson and Hal Shaw.
San Francisco, Calif.....	6ZE	75, 200, 300, 375, 600	D. B. McGown.
San Gabriel, Calif.....	6XS	200, 300, 375, 600, 1600	R. B. Ashbrook.
San Jose, Calif. (portable).....	6XE	Variable.	Charles D. Herrold.
San Jose, Calif.....	6XF	Variable.	Do.
San Jose, Calif.....	6ZAA	200, 300, 375	E. Garratt Arnold.
Savannah, Ga.....	4XB	200, 300, 375, 600, 1650	Board of Public Education.
Savannah, Ga.....	4YB	200, 300, 375, 600	Knights of Columbus.
Schenectady, N. Y.....	2XA	Variable.	E. M. Kinney.
Schenectady, N. Y.....	2XI	Variable.	General Electric Co.
Schenectady, N. Y.....	2XQ	Variable.	Union College.
Schenectady, N. Y.....	2XY	Variable.	Wallace L. Brooks.
Seattle, Wash.....	7XC	Variable.	Vincent I. Kraft.
Seattle, Wash.....	7XJ	Variable.	Charles W. Peterson.
Seattle, Wash.....	7XK	Variable.	Kilbourne & Clark Mfg. Co.
Seattle, Wash.....	7XZ	Variable.	University of Washington.
Seattle, Wash.....	7YC	200, 300, 375, 600	Young Men's Christian Association.
Seattle, Wash.....	7YD	200, 300, 375, 600	Knights of Columbus.
Seattle, Wash.....	7YE	200, 300, 375, 600	Broadway High School.
Shreveport, La.....	5ZS	210, 300, 425	William E. Antony.
Sioux City, Iowa.....	9ZU	200, 375	Sioux City Radio Laboratory.
Sisco No. 4 (tugboat).....	2XAB	Variable.	Radio Corporation of America.
South Manchester, Conn.....	1XT	200, 300, 375, 600	John L. Reinartz.
South Orange, N. J.....	2ZC	200, 300, 375, 600	Henry L. Leeb.

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

Station.	Call signal.	Wave lengths.	Station controlled by—
South San Antonio, Tex.....	5XI	Variable.	George H. Burgess.
Spokane, Wash.....	7YL	200, 375	North Central High School.
Springfield, Ill.....	9Z8	1700	Illinois Watch Co.
Springfield, Ohio.....	8ZAA	200, 375	J. Warren Wright.
State College, N. Mex.....	5XD	200, 400, 500	New Mexico College, Agriculture and Mechanic Arts.
State College, Pa.....	8XE	Variable.	Pennsylvania State College.
Staunton, Va.....	3YE	425	Staunton Military Academy.
St. David's, Pa.....	3Z8	200, 275, 300, 325, 375, 600	Charles H. Stewart.
St. Louis, Mo.....	9X8	275, 425	Manhattan Electrical Supply Co.
St. Louis, Mo.....	9YAB	200, 375	Washington University.
St. Louis, Mo.....	9YK	200, 375	St. Louis University.
St. Louis, Mo.....	9ZB	200, 375	Lester A. Benson.
St. Louis, Mo.....	9ZV	200, 375	James A. Crowdus.
St. Marys, Ohio.....	8ZL	200, 250, 375	Charles Candler.
Sunnyvale, Calif.....	6XA G	Variable.	The Radio Shop.
Sunnyvale, Calif.....	6ZK	200, 300, 375, 600	Arthur E. Bessey.
Superior, Wis.....	9YAC	200, 300, 375, 600	State Normal School.
Tacoma, Wash.....	7ZL	200, 300, 375, 600	Anton R. Tingstad.
Thibodaux, La.....	5YL	200, 375	Thibodaux High School.
Toledo, Ohio.....	8ZB	200, 300, 375, 600	Earl S. Ensign and William P. Van Behren.
Toledo, Ohio.....	8ZI	200, 375	Adelbert J. Gogel.
University, Va.....	3YV	200, 375	University of Virginia.
University Place, Nebr.....	9YD	200, 375	Nebraska Wesleyan University.
University, Miss.....	5YE	200, 375	University of Mississippi.
Urbana, Ill.....	9XJ	200, 375	University of Illinois.
Urbana, Ill.....	9XZ	200, 375	Paul G. Busey.
Valley Stream, N. Y.....	2ZL	200, 250, 275, 325	J. Owen Smith.
Valparaiso, Ind.....	9XD	Variable.	Dodge's Institute of Telegraphy.
Vancouver, Wash.....	7ZK	200, 300, 375, 600	Vernon J. Bird.
Villanova, Pa.....	3YP	200, 375	Villanova College.
Waco, Tex.....	5ZAF	200, 375	William P. Clarke.
Waco, Tex.....	5ZF	200, 375	Henry M. Harris.
Walnut Grove, Calif.....	6Z X	200, 375	J. V. Wise.
Washington, D. C.....	3XF	Variable.	Francis M. Baer.
Washington, D. C.....	3XH	Variable.	Lester S. Barr.
Washington, D. C.....	3XL	180, 200, 350, 1200	Alfred Crossley.
Washington, D. C.....	3XQ	Variable.	Robert H. Worrall.
Washington, D. C.....	3YA	200, 375	Loomis Radio School.
Washington, D. C.....	3YL	200	Knights of Columbus Service School.
Washington, D. C.....	3ZB	200, 375	A. B. Brown (Bliss Electrical School).
Washington, D. C.....	3ZE	150, 200, 375	Harold A. Snow.
Washington, D. C.....	3ZW	200, 350, 425	Walther A. Parks.
Wayne, Nebr.....	9YT	200, 375	State Normal School.
West Lafayette, Ind.....	9YB	200, 375	Purdue University.
Wheeling, W. Va.....	8ZW	200, 375	John C. Stroebel, jr.
Whitford, Pa.....	3ZT	200, 375	George Thomas.
Wichita, Kans.....	9XAE	200, 375	Cosradio Co.
Wilkes-Barre, Pa.....	8ZS	200, 375	John H. Stenger, jr.
Winfield, N. Y.....	2XP	Variable.	Louis G. Pacent.
Woodmere, N. Y.....	2XH	200, 250, 300, 600	Cutting & Washington Radio Corp.
Woodside, N. Y.....	2XAC	Variable.	Ship Owners Radio Service.
Woodside, N. Y.....	2ZD	190, 200, 260, 300, 350, 600	Do.
Worcester, Mass.....	1XZ	Variable.	Clark University.
Worcester, Mass.....	1YK	200, 375	Worcester Polytechnic Institute.
Yuma, Ariz.....	6ZL	200, 375	Alexander N. Marquis.

## SPECIAL LAND STATIONS GROUPED BY DISTRICTS.

Call signal.	District and station.	Call signal.	District and station.
	<b>First district:</b>		<b>Third district—Continued.</b>
1XAA	Noroton Heights, Conn.	3XE	Clinton, Md.
1XAB	Cambridge, Mass.	3XF	Washington, D. C.
1XD	Green Harbor, Mass.	3XG	Baltimore, Md.
1XE	Medford, Mass.	3XH	Washington, D. C.
1XF	Providence, R. I.	3XI	Philadelphia, Pa.
1XH	New Haven, Conn.	3XJ	Philadelphia, Pa.
1XI	Cambridge, Mass.	3XL	Washington, D. C.
1XL	Lynn, Mass.	3XM	Princeton, N. J.
1XM	Cambridge, Mass.	3XN	Blacksburg, Va.
1XN	Middletown, Conn.	3XO	Washington, D. C.
1XQ	Rockland, Me.	3XS	Philadelphia, Pa.
1XR	Belfast, Me.	3XU	Princeton, N. J.
1XT	South Manchester, Conn.	3XV	Philadelphia, Pa.
1XV	Hartford, Conn.	3YA	Washington, D. C.
1XX	Providence, R. I.	3YC	Philadelphia, Pa.
1XY	Hampton, N. H.	3YE	Stanton, Va.
1XZ	Worcester, Mass.	3YF	Philadelphia, Pa.
1YB	Hanover, N. H.	3YG	Philadelphia, Pa.
1YC	Boston, Mass.	3YH	Baltimore, Md.
1YK	Worcester, Mass.	3YI	Philadelphia, Pa.
1YS	Boston, Mass.	3YK	Lexington, Va.
1ZC	New Haven, Conn.	3YL	Washington, D. C.
1ZE	Marion, Mass.	3YO	Easton, Pa.
	<b>Second district:</b>	3YP	Villanova, Pa.
2XA	Schenectady, N. Y.	3YQ	Camden, N. J.
2XAA	Port Richmond, N. Y.	3YV	University, Va.
2XAB	Sisco No. 4 (tugboat).	3ZA	Bala, Pa.
2XAC	Woodside, N. Y.	3ZB	Washington, D. C.
2XAD	Jersey City, N. J.	3ZE	Washington, D. C.
2XAF	New York, N. Y.	3ZF	Bethesda, Md.
2XAG	New York, N. Y.	3ZG	Philadelphia, Pa.
2XB	New York, N. Y.	3ZI	Hagerstown, Md.
2XC	New York, N. Y.	3ZJ	Philadelphia, Pa.
2XD	New York, N. Y.	3ZL	Richmond, Va.
2XE	Richmond Hill, N. Y.	3ZM	Media, Pa.
2XF	Cliffwood, N. J.	3ZO	Parkersburg, Pa.
2XG	New York, N. Y.	3ZP	Richmond, Va.
2XH	Woodmere, N. Y.	3ZQ	Philadelphia, Pa.
2XI	Schenectady, N. Y.	3ZS	St. Davids, Pa.
2XJ	Deal Beach, N. J.	3ZT	Whitford, Pa.
2XK	New York, N. Y.	3ZU	Baltimore, Md.
2XN	New York, N. Y.	3ZV	Norristown, Pa.
2XNA	New York, N. Y.	3ZW	Washington, D. C.
2XNB	New York, N. Y.	3ZX	Lexington, Va.
2XO	New York, N. Y.		<b>Fourth district:</b>
2XP	Winfield, N. Y.	4XB	Savannah, Ga.
2XQ	Schenectady, N. Y.	4XC	Atlanta, Ga.
2XU	New York, N. Y.	4XD	Charlotte, N. C.
2XR	Roselle Park, N. J.	4XE	Buena Vista, Ga.
2XS	Montclair, N. J.	4YA	Atlanta, Ga.
2XT	Brooklyn, N. Y.	4YB	Savannah, Ga.
2XV	Glenridge, N. J.	4YJ	Atlanta, Ga.
2XW	Lancaster (tugboat).	4ZA	Greensboro, N. C.
2XX	Ossining, N. Y.	4ZB	Atlanta, Ga.
2XY	Schenectady, N. Y.	4ZC	Gainesville, Fla.
2XZ	New York, N. Y.	4ZD	Asheville, N. C.
2YA	Camp Dix, N. J.	4ZN	Fort Pierce, Fla.
2YB	New York, N. Y.		<b>Fifth district:</b>
2YM	New York, N. Y.	5XA	Auburn, Ala.
2YT	New York, N. Y.	5XB	College Station, Tex.
2ZC	South Orange, N. J.	5XD	State College, N. Mex.
2ZD	Woodside, N. Y.	5XE	Burrwood, La.
2ZE	Port Chester, N. Y.	5XG	Dallas, Tex.
2ZH	Nutley, N. J.	5XH	New Orleans, La.
2ZK	New Rochelle, N. Y.	5XI	South San Antonio, Tex.
2ZL	Valley Stream, N. Y.	5XJ	Dublin, Tex.
2ZM	Clifton, N. J.	5XK	Knoxville, Tenn.
2ZV	Richmond Hill, N. Y.	5XL	Memphis, Tenn.
	<b>Third district:</b>	5XP	San Antonio, Tex.
3XC	Philadelphia, Pa.	5YB	Jackson, Tenn.
3XD	Baltimore, Md.	5YC	New Orleans, La.



## SPECIAL LAND STATIONS GROUPED BY DISTRICTS—Continued.

Call signal.	District and station.	• Call signal.	District and station.
	<b>Fifth district—Continued.</b>		<b>Sixth district—Continued.</b>
5YD	Agricultural College, Miss.	6ZN	San Fernando, Calif.
5YE	University, Miss.	6ZO	Reno, Nev.
5YF	College Station, Tex.	6ZR	Burlingame, Calif.
5YH	Little Rock, Ark.	6ZT	Salt Lake City, Utah.
5YI	Houston, Tex.	6ZU	Fresno, Calif.
5YJ	New Orleans, La.	6ZX	Walnut Grove, Calif.
5YK	New Braunfels, Tex.	6ZZ	Douglas, Ariz.
5YL	Thibodaux, La.		<b>Seventh district:</b>
5ZA	Roswell, N. Mex.	7XA	Portland, Oreg.
5ZAA	Houston, Tex.	7XB	Bozeman, Mont.
5ZAB	Houma, La.	7XC	Seattle, Wash.
5ZAC	Baton Rouge, La.	7XD	Polytechnic, Mont.
5ZAD	El Paso, Tex.	7XF	Portland, Oreg.
5ZAE	San Antonio, Tex.	7XF	Seattle, Wash.
5ZAF	Waco, Tex.	7XJ	Seattle, Wash.
5ZAG	Austin, Tex.	7XK	Seattle, Wash.
5ZAH	Biloxi, Miss.	7XT	Seattle, Wash.
5ZAI	San Antonio, Tex.	7YA	Boise, Idaho.
5ZB	Pilot Point, Tex.	7YB	Eugene, Oreg.
5ZC	Dallas, Tex.	7YC	Seattle, Wash.
5ZD	Alexandria, La.	7YD	Seattle, Wash.
5ZE	Houston, Tex.	7YE	Seattle, Wash.
5ZF	Waco, Tex.	7YF	Burley, Idaho.
5ZG	Dallas, Tex.	7YG	Portland, Oreg.
5ZH	Sanford, Fla.	7YH	Portland, Oreg.
5ZJ	Mesilla Park, N. Mex.	7YJ	Corvallis, Oreg.
5ZK	Franklinton, La.	7YK	Portland, Oreg.
5ZL	Little Rock, Ark.	7YL	Spokane, Wash.
5ZN	Eagle Pass, Tex.	7YS	Lacey, Wash.
5ZO	Houston, Tex.	7ZB	Portland, Oreg.
5ZP	New Orleans, La.	7ZD	Bozeman, Mont.
5ZR	San Antonio, Tex.	7ZE	Elk, Wyo.
5ZS	Shreveport, La.	7ZG	Bear Creek, Mont.
5ZT	Houston, Tex.	7ZI	Portland, Oreg.
5ZU	Austin, Tex.	7ZK	Vancouver, Wash.
5ZV	Houston, Tex.	7ZL	Tacoma, Wash.
5ZW	Juliff, Tex.	7ZM	Moscow, Idaho.
5ZX	Houston, Tex.	7ZO	Gasper, Wyo.
5ZY	Mulga, Ala.	7ZP	Olympia, Wash.
5ZZ	Blackwell, Okla.		<b>Eighth district:</b>
6XAA	<b>Sixth district:</b>	8XA	Ann Arbor, Mich.
6XAB	San Francisco, Calif.	8XB	Cincinnati, Ohio.
6XAC	San Francisco, Calif.	8XD	Dearborn, Mich.
6XAD	Los Altos, Calif.	8XE	State College, Pa.
6XAE	Avalon, Calif.	8YF	Alderson, W. Va.
6XAF	San Francisco, Calif.	8XH	Pittsburgh, Pa.
6XAG	Oakland, Calif.	8XI	Columbus, Ohio.
6XC	Sunnyvale, Calif.	8XJ	Lewisburg, Pa.
6XD	San Francisco, Calif.	8XK	Pittsburgh, Pa.
6XE	Los Angeles, Calif.	8XL	Northville, Mich.
6XF	San Jose, Calif. (portable).	8XM	Pittsburgh, Pa.
6XG	San Jose, Calif.	8XN	Pittsburgh, Pa.
6XH	San Francisco, Calif.	8XO	Ridgway, Pa.
6XI	San Francisco, Calif.	8XS	Lansing, Mich.
6XK	Berkeley, Calif.	8XU	Ithaca, N. Y.
6XM	Berkeley, Calif.	8XV	Cleveland, Ohio.
6XN	Los Angeles, Calif.	8XY	Cincinnati, Ohio.
6XP	San Francisco, Calif.	8XZ	Forest Hills, Pa.
6XQ	Los Angeles, Calif.	8YA	Auburn, N. Y.
6XS	San Gabriel, Calif.	8YB	Manlius, N. Y.
6XT	San Francisco, Calif.	8YE	Detroit, Mich.
6XV	Palo Alto, Calif.	8YG	East Lansing, Mich.
6XX	Oakland, Calif.	8YH	Morgantown, W. Va.
6XZ	San Diego, Calif.	8YI	Pittsburgh, Pa.
6YA	Los Angeles, Calif.	8YJ	Detroit, Mich.
6ZA	Salt Lake City, Utah.	8YK	Delaware, Ohio.
6ZB	San Diego, Calif.	8YM	Granville, Ohio.
6ZAB	San Francisco, Calif.	8YN	Battle Creek, Mich.
6ZAC	Lihue, Hawaii.	8YQ	Buffalo, N. Y.
6ZAA	San Jose, Calif.	8YR	Oxford, Ohio.
6ZAD	Napa, Calif.	8YS	Cincinnati, Ohio.
6ZAE	Oakland, Calif.	8YT	Alliance, Ohio.
6ZC	Cochise, Ariz.	8YU	Dayton, Ohio.
6ZE	San Francisco, Calif.	8YX	Cincinnati, Ohio.
6ZG	Los Angeles, Calif.	8YZ	Pittsburgh, Pa.
6ZH	Richfield, Utah.	8ZA	New Philadelphia, Ohio.
6ZJ	Redlands, Calif.	8ZAA	Springfield, Ohio.
6ZK	Sunnyvale, Calif.	8ZB	Toledo, Ohio.
6ZL	Yuma, Ariz.	8ZC	Battle Creek, Mich.
6ZM	Salt Lake City, Utah.	8ZD	Pittsburgh, Pa.
		8ZE	Marietta, Ohio.

SPECIAL LAND STATIONS GROUPED BY DISTRICTS—Continued.

Call signal.	District and station.	Call signal.	District and station.
	<b>Eighth district—Continued.</b>		<b>Ninth district—Continued.</b>
8ZF	Lansing, Mich.	9YAD	Milwaukee, Wis.
8ZG	Salem, Ohio.	9YAE	Le Mars, Iowa.
8ZH	Cincinnati, Ohio.	9YAF	Pembina, N. Dak.
8ZI	Toledo, Ohio.	9YAG	Bloomington, Ind.
8ZJ	Cincinnati, Ohio.	9YAH	Gunnison, Colo.
8ZK	Rochester, N. Y.	9YAI	Lexington, Ky.
8ZL	St. Marys, Ohio.	9YAJ	Northfield, Minn.
8ZM	Buffalo, N. Y.	9YB	West Lafayette, Ind.
8ZN	Ashland, Ohio.	9YC	Lexington, Ky.
8ZO	Pittsburgh, Pa.	9YD	University Place, Nebr.
8ZP	Cleveland, Ohio.	9YE	Chicago, Ill.
8ZQ	Dunmore, Pa.	9YG	Agricultural College, N. Dak.
8ZR	Mansfield, Ohio.	9YH	Evanston, Ill.
8ZS	Wilkes-Barre, Pa.	9YI	Ames, Iowa.
8ZT	Marietta, Ohio.	9YK	St. Louis, Mo.
8ZV	Canton, Ohio.	9YL	Chicago, Ill.
8ZW	Wheeling, W. Va.	9YM	Columbia, Mo.
8ZX	Dover, Ohio.	9YP	Omaha, Nebr.
8ZY	Defiance, Ohio.	9YQ	Culver, Ind.
8ZZ	Highland Park, Mich.	9YR	Muncie, Ind.
	<b>Ninth district:</b>	9YS	Bloomington, Ill.
9XAA	Omaha, Nebr.	9YT	Wayne, Nebr.
9XAB	Kansas City, Mo.	9YV	Manhattan, Kans.
9XAC	Rock Island, Ill.	9YW	Rapid City, S. Dak.
9XAD	Ottumwa, Iowa.	9YY	Lincoln, Nebr.
9XAE	Wichita, Kans.	9ZAA	Clarinda, Iowa.
9XAF	Peoria, Ill.	9ZAB	Kearney, Nebr.
9XAG	Denver, Colo.	9ZAC	Anthony, Kans.
9XAH	Evansville, Ind.	9ZAD	Independence, Mo.
9XAI	Golden, Ohio.	9ZAE	Richmond, Ind.
9XAJ	Bedford, Iowa.	9ZB	St. Louis, Mo.
9XD	Valparaiso, Ind.	9ZC	Baudette, Minn.
9XE	Davenport, Iowa.	9ZD	Denver, Colo.
9XG	Chicago, Ill.	9ZE	Independence, Mo.
9XI	Minneapolis, Minn.	9ZF	Indianapolis, Ind.
9XJ	Urbana, Ill.	9ZG	Manitowoc, Wis.
9XM	Madison, Wis.	9ZH	Chicago, Ill.
9XS	St. Louis, Mo.	9ZI	Springfield, Ill.
9XT	Collegeville, Minn.	9ZJ	Minneapolis, Minn.
9XW	Galesburg, Ill.	9ZK	Sioux City, Iowa.
9XX	Belleville, Ill.	9ZL	St. Louis, Mo.
9XZ	Urbana, Ill.	9ZM	Ellendale, N. Dak.
9YAA	Emporia, Kans.	9ZN	La Crosse, Wis.
9YAB	St. Louis, Mo.	9ZO	Kansas City, Mo.
9YAC	Superior, Wis.	9ZP	
		9ZQ	
		9ZR	
		9ZS	
		9ZT	
		9ZU	
		9ZV	
		9ZW	
		9ZX	
		9ZY	
		9ZZ	

## RADIO COMPASS STATION INSTRUCTIONS.

1. Radio compass stations have been installed on the Atlantic, Gulf, and Pacific coasts for the purpose of supplying vessels with radio bearings. These stations are divided into two classes—those operating independently and others operating as harbor entrance groups—under the control of a central station at the harbor entrance and furnish a set of bearings which provide the fix which will enable vessels to be guided to the entrance buoys. The independent stations have been located with a view of giving radio bearings to ships not over 150 miles distant from the coast and are used, primarily, in coastwise piloting. Harbor entrance radio compass stations differ from those acting independently, in that the individual stations are connected to and controlled by the central control station.
2. The primary object of these stations is to assist in the navigation of vessels during atmosphere of low visibility. There is no charge for the service.
3. All independent and group radio compass stations keep watch on 800 meters, and this wave only should be used to call and work these stations.
4. To obtain a bearing from independent radio compass stations, call the station from which the bearing is desired in the usual manner and request bearings by means of a conventional signal given below. Simultaneous bearings from two or more compass stations can be obtained by making the call include the other compass stations desired.
5. To obtain bearings from harbor-entrance compass stations, carry out the same procedure, with the exception that the compass control station will answer instead of the compass station.
6. When bearings are requested simultaneously from two or more compass stations the compass station which is farthest north will supply the ship with its bearing first; the others will then follow in the order of their north to south, or east to west, geographical location.
7. The following abbreviated signals will be used until further notice:

Signal.	Meaning.
QTE? .....	What is my true bearing?
QTE .....	Your true bearing is ——— degrees from ——— radio compass stat.on.
QTF? .....	What is my position?
QTF .....	Your position is latitude ———, longitude ———.

(a) A ship calling the radio compass station or compass control station should make the abbreviation "QTE," "What is my bearing?" This request will be answered by the radio compass station or control station, and when ready to observe the radio bearing he will send the signal "K," directing the ship to commence testing.

(b) The ship station on 800 meters will repeat its distinguishing signal for a period of 50 seconds and then await results. The signal should be made slowly with the dashes considerably prolonged.

(c) The radio compass station or control station will then reply in geographical order from north to south or east to west, repeating the abbreviation "QTE," "Your bearing from ——— was ——— degrees," following by the time, the degrees being indicated by a group of three figures 000 to 359, indicating the true bearing in degrees from the ship station to the radio compass station. In the case of more than one

radio compass station connected by landline the only one to answer is the station originally called. This station in giving the results combines all the bearings taken by itself and associated stations into one message, each bearing following immediately the name of the station making the observation.

8. Attention is invited to the fact that when a single bearing is furnished there is a possibility of an error of approximately 180 degrees, as the operator at the compass station can not always determine on which side of his station the vessel lies. Certain radio compass stations, particularly those on islands or extended capes, are equipped to furnish two corrected true bearings for any observation. Such bearings when furnished vessels may differ considerably from 180 degrees from each other, and whichever bearing is suitable should be used. Navigators should, therefore, never attempt to correct a bearing furnished by a radio compass station by the application of the 180-degree correction, as such correction does not take into account the deviation at the compass station, which may be of different sign and unequal amount in opposite directions. The error introduced by the use of 180-degree correction may amount to as much as 30 degrees. Vessels receiving bearings requiring approximately 180-degree correction should request the reciprocal bearing from the radio compass station in case the same is not furnished.

9. Subject to the foregoing, bearings should be accurate within 2 degrees of an arc. When bearings from three or more compass stations are not over 2 degrees of an arc in error, but do not meet at a fixed point, the geometrical center of the triangle formed by the bearings can generally be taken as the approximate position of the vessel.

10. In order that the operation of shore radio compass stations may be checked up, it is requested that a brief report be forwarded to the Director Naval Communication, Navy Department, Washington, D. C., containing the following particulars: (a) Name of ship; (b) name of radio compass station; (c) date and G. M. T. at which radio bearing was taken; (d) bearing given by radio compass station; (e) estimated position of ship at above time and dates by methods other than radio; (f) the probable degree of accuracy of the estimated position; (g) weather conditions at above time; (h) remarks, if any; (i) signature of master or responsible navigating officer.

61580<sup>c</sup>-21-7

# RADIO COMPASS STATIONS ON ATLANTIC AND PACIFIC COASTS, ALPHABETICALLY BY NAMES OF STATIONS.

## ATLANTIC COAST.

[Wave length of 800 meters for all compass stations.]

Station.	Call.	Position.
Amagansett, L. I., N. Y.	NBM	Lat. 40-57-52 N., long. 72-07-50 W.
Bar Harbor (Otter Cliffs), Me.	NBD	Lat. 44-18-36 N., long. 69-11-27 W.
Bethany Beach, Del.	NSD	Lat. 38-32-45 N., long. 75-08-23 W.
Burrwood, La.	NBX	Lat. 28-57-27 N., long. 89-23-10 W.
Cape Elizabeth (Portland), Me.	NAB	Lat. 43-33-59 N., long. 70-11-59 W.
Cape Hatteras, N. C.	NDW	Lat. 35-14-22 N., long. 75-31-42 W.
Cape Henlopen, Del.	NSD	Lat. 38-47-35 N., long. 75-05-26 W.
Cape Lookout, N. C.	NAN	Lat. 34-36-11 N., long. 76-32-18 W.
Cape May, N. J.	NSD	Lat. 38-55-53 N., long. 74-54-35 W.
Chatham, Mass.	NXA	Lat. 41-42-48 N., long. 69-57-53 W.
Deer Island, Mass.	NAD	Lat. 42-21-15 N., long. 70-57-30 W.
Fire Island, N. Y.	NAH	Lat. 40-38-07 N., long. 73-12-32 W.
Folly Island, S. C.	NZY	Lat. 32-40-50 N., long. 79-52-27 W.
Fourth Cliff, Mass.	NAD	Lat. 42-09-40 N., long. 70-42-22 W.
Gloucester, Mass.	NLI	Lat. 42-35-19 N., long. 70-41-08 W.
Grand Island, La.	NCZ	Lat. 29-13-52 N., long. 89-59-46 W.
Hog Island, Va.	NAQ	Lat. 37-22-36 N., long. 75-42-37 W.
Jupiter, Fla.	NAR	Lat. 26-56-59 N., long. 80-04-37 W.
Key West, Fla.	NAH	Lat. 24-37-08 N., long. 81-45-18 W.
Mantoloking, N. J.	NAH	Lat. 40-01-30 N., long. 74-03-10 W.
North Island, S. C.	NZW	Lat. 33-13-21 N., long. 79-11-06 W.
Pass A Loutre, La.	NCZ	Lat. 29-11-24 N., long. 89-02-26 W.
Poyners Hill, N. C.	NBF	Lat. 36-17-10 N., long. 75-48-00 W.
Pricea Neck, R. I.	NBT	Lat. 41-27-06 N., long. 71-20-15 W.
Rockaway Beach, N. Y.	NAH	Lat. 40-33-58 N., long. 73-52-31 W.
Sandy Hook, N. J.	NAH	Lat. 40-27-54 N., long. 73-59-50 W.
Surfside (Nantuxet), Mass.	NBS	Lat. 41-14-42 N., long. 70-05-56 W.
Virginia Beach, Va.	NCZ	Lat. 36-51-09 N., long. 75-58-34 W.

## PACIFIC COAST.

Bird Island, Calif.	NLD	Lat. 37-49-25 N., long. 122-32-11 W.
Cape Hinchinbrook, Alaska.	NRM	
Cattle Point, Wash.	NFN	Lat. 48-27-04 N., long. 122-57-45 W.
Empire, Oreg.	NPF	Lat. 43-23-03 N., long. 124-18-58 W.
Eureka, Calif.	NPW	Lat. 40-41-48 N., long. 124-16-34 W.
Farellons Island, Calif.	NPI	Lat. 37-41-55 N., long. 123-00-00 W.
Fort Stevens, Oreg.	NPE	Lat. 46-11-32 N., long. 123-59-15 W.
Imperial Beach, Calif.	NPL	Lat. 32-35-14 N., long. 117-07-54 W.
New Dungeness, Wash.	NFT	Lat. 48-10-36 N., long. 123-07-51 W.
Ocean Park, Wash.	NPE	
Point Arguello, Calif.	NPK	Lat. 34-34-43 N., long. 120-38-51 W.
Point Fermin, Calif.	NPX	Lat. 33-42-19 N., long. 118-17-38 W.
Point Hueneume, Calif.	NMD	Lat. 32-42-21 N., long. 117-15-17 W.
Point Montara, Calif.	NLH	Lat. 37-32-10 N., long. 122-31-00 W.
Point Reyes, Calif.	NLG	Lat. 38-02-30 N., long. 122-59-28 W.
Port Angeles, Calif.	NFT	
Smith Island, Wash.	NFH	Lat. 48-19-05 N., long. 122-50-39 W.
Soapstone Point, Alaska.	NUW	
Tatoosh, Wash.	NPD	Lat. 48-23-41 N., long. 124-44-13 W.

## RADIO COMPASS STATIONS ON ATLANTIC AND PACIFIC COASTS, ALPHABETICALLY BY CALL SIGNALS.

### ATLANTIC COAST.

Call.	Station.	Call.	Station.
NAB	Cape Elizabeth (Portland), Me.	NBT	Rockaway Beach, N. Y.
NAD	Deer Island, Mass.	NBX	Pass A Loutre, La.
NAD	Fourth Cliff, Mass.	NBX	Burrwood, La.
NAD	Gloucester, Mass.	NCZ	Hog Island, Va.
NAF	Prices Neck, R. I.	NCZ	Poyners Hill, N. C.
NAH	Mantoloking, N. J.	NCZ	Virginia Beach, Va.
NAH	Sandy Hook, N. J.	NDW	Cape Hatteras, N. C.
NAH	Fire Island, N. Y.	NLI	Grand Island, La.
NAN	Cape Lookout, N. C.	NSD	Cape May, N. J.
NAQ	Jupiter, Fla.	NSD	Cape Henlopen, Del.
NAR	Key West, Fla.	NSD	Bethany Beach, Del.
NBD	Bar Harbor (Otter Cliffs), Me.	NXA	Chatham, Mass.
NBM	Amagansett, (Long Island), N. Y.	NZV	Folly Island, S. C.
NBS	Surfside (Nantucket), Mass.	NZW	North Island, S. C.

### PACIFIC COAST.

NPH	Smith Island, Wash.	NPF	Empire, Oreg.
NFN	Cattle Point, Wash.	NPI	Farallons Island, Calif.
NFT	Port Angeles, Calif.	NPK	Point Arguello, Calif.
NFT	New Dungeness, Wash.	NPL	Imperial Beach, Calif.
NLD	Bird Island, Calif.	NPL	Point Hueneeme, Calif.
NLG	Point Reyes, Calif.	NPW	Eureka, Calif.
NLH	Point Montara, Calif.	NPX	Point Fermin, Calif.
NPD	Tatoosh, Wash.	NRM	Cape Hinchbrook, Alaska.
NPE	Ocean Park, Wash.	NUW	Soapstone Point, Alaska.
NPE	Fort Stevens, Oreg.		

# APPENDIX.

## INTERNATIONAL MORSE CODE AND CONVENTIONAL SIGNALS.

{To be used for all general public-service radio communication. (1) A dash is equal to three dots; (2) the space between parts of the same letter is equal to one dot; (3) the space between two letters is equal to three dots; (4) the space between two words is equal to five dots.}

A . _ _	Period.....	.. . . .
B _ . . . .	Semicolon.....	— . . . .
C _ _ . . .	Comma.....	— . . . —
D _ _ . .	Colon.....	— — . . .
E .	Interrogation.....	.. — . . .
F . . _ . .	Exclamation point.....	— — . . . —
G _ _ _ . .	Apostrophe.....	. — — — . .
H . . . . .	Hyphen.....	— . . . . —
I . .	Bar indicating fraction.....	— . . . .
J . _ _ _ _	Parenthesis.....	— . . . . —
K _ _ . _	Inverted commas.....	— . . . .
L _ . . . .	Underline.....	.. — — — —
M _ _ _ .	Double dash.....	— . . . . —
N _ _ .	Distress call.....	.. . — — — . . . .
O _ _ _ _	Attention call to precede every transmission..	— . . . . —
P . _ _ . .	General inquiry call.....	— . . . . — . . . . —
Q _ _ _ . _	From (de).....	.. . . .
R _ . . .	Invitation to transmit (go ahead).....	— . . —
S . . . .	Warning—high power.....	— — . . . . —
T _	Question (please repeat after .....)—interrupting long messages.....	.. — . . . .
U . . _ _	Wait.....	.. . . .
V . . . _ _	Break (Bk.) (double dash).....	— . . . . —
W _ _ _ _	Understand.....	.. . . .
X _ . . . .	Error.....	.. . . .
Y _ _ _ _	Received (O. K.).....	.. . .
Z _ _ . . .	Position report (to precede all position messages).....	— . . . .
Ä (German) .. . . .	End of each message (cross).....	.. . . .
Å or Å (Spanish-Scandinavian) .. . . .	Transmission finished (end of work) (conclusion of correspondence).....	.. . . . —
CH (German-Spanish) .. . . .		
É (French) .. . . .		
Ñ (Spanish) .. . . .		
Ö (German) .. . . .		
Ü (German) .. . . .		
1 . . . . .		
2 . . . . .		
3 . . . . .		
4 . . . . .		
5 . . . . .		
6 . . . . .		
7 . . . . .		
8 . . . . .		
9 . . . . .		
0 . . . . .		

## LIST OF ABBREVIATIONS TO BE USED IN RADIO COMMUNICATIONS.<sup>1</sup>

Abbreviation.	Question.	Answer or notice.
C Q	- . . . - . . . -	Signal of inquiry made by a station desiring to communicate.
T R	- . . .	Signal announcing the sending of particulars concerning a station on shipboard (Art. XXII).
(I)	- . . . - . . . -	Signal indicating that a station is about to send at high power.
PRB	Do you wish to communicate by means of the International Signal Code?	I wish to communicate by means of the International Signal Code.
QRA	What ship or coast station is that? .....	This is .....
QRB	What is your distance? .....	My distance is .....
QRC	What is your true bearing? .....	My true bearing is ..... degrees.
QRD	Where are you bound for? .....	I am bound for .....
QRF	Where are you bound from? .....	I am bound from .....
QRG	What line do you belong to? .....	I belong to the ..... Line.
QRH	What is your wave length in meters? .....	My wave length is ..... meters.
QRJ	How many words have you to send? .....	I have ..... words to send.
QRK	How do you receive me? .....	I am receiving well.
QRL	Are you receiving badly? Shall I send 20.....	I am receiving badly. Please send 20.
	. . . - . . . for adjustment?	. . . - . . . for adjustment.
QRM	Are you being interfered with? .....	I am being interfered with.
QRN	Are the atmospherics strong? .....	Atmospherics are very strong.
QRO	Shall I increase power? .....	Increase power.
QRP	Shall I decrease power? .....	Decrease power.
QRQ	Shall I send faster? .....	Send faster.
QRS	Shall I send slower? .....	Send slower.
QRT	Shall I stop sending? .....	Stop sending.
QRU	.....	{ I have nothing to transmit. { I have nothing for you.
QRV	Are you ready? .....	I am ready. All right now.
QRW	Are you busy? .....	I am busy (or, I am busy with ..... Please do not interfere).
QRX	Shall I stand by? .....	Stand by. I will call you when required.
QRY	When will be my turn? .....	Your turn will be No. ....
QRZ	Are my signals weak? .....	Your signals are weak.
QSA	Are my signals strong? .....	Your signals are strong.
QSB	Is my tone bad? .....	The tone is bad.
	Is my spark bad? .....	The spark is bad.
QSC	Is my spacing bad? .....	Your spacing is bad.
QSD	What is your time? .....	My time is .....
QSF	Is transmission to be in alternate order or in series?	Transmission will be in alternate order.
QSG	.....	Transmission will be in series of 5 messages.
QSH	.....	Transmission will be in series of 10 messages.
QBJ	What rate shall I collect for? .....	Collect .....
QSK	Is the last radiogram canceled? .....	The last radiogram is canceled.
QSL	Did you get my receipt? .....	Please acknowledge.

<sup>1</sup> When an abbreviation is followed by a mark of interrogation, it refers to the question indicated for that abbreviation.



LIST OF ABBREVIATIONS TO BE USED IN RADIO COMMUNICATIONS—Continued.

Abbreviation.	Question.	Answer or notice.
QSM	What is your true course?.....	My true course is ..... degrees.
QSN	Are you in communication with land?.....	I am not in communication with land.
QSO	Are you in communication with any ship or station (or: with .....)?	I am in communication with ..... (through .....).
QSP	Shall I inform ..... that you are calling him?.	Inform ..... that I am calling him.
QSQ	Is ..... calling me?.....	You are being called by .....
QSR	Will you forward the radiogram?.....	I will forward the radiogram.
QST	Have you received the general call?.....	General call to all stations.
QSU	Please call me when you have finished (or: at .. o'clock).	Will call when I have finished.
QSV <sup>1</sup>	Is public correspondence being handled?.....	Public correspondence is being handled. Please do not interfere.
QSW	Shall I increase my spark frequency?.....	Increase your spark frequency.
QSX	Shall I decrease my spark frequency?.....	Decrease your spark frequency.
QSY	Shall I send on a wave length of ..... meters?.	Let us change to the wave length of ..... meters.
QSZ	.....	Send each word twice. I have difficulty in receiving you.
QTA	.....	Repeat the last radiogram.
QTC	Have you anything to transmit?.....	I have something to transmit. I have one or more radiograms for .....
QTE	What is my true bearing?.....	Your true bearing is ..... degrees from .....
QTF	What is my position?.....	Your position is ..... latitude ..... longitude.

<sup>1</sup> Public correspondence is any radio work, official or private, handled on commercial wave lengths.









Makers  
Syracuse, N. Y.  
PAT. JAN. 21, 1908

