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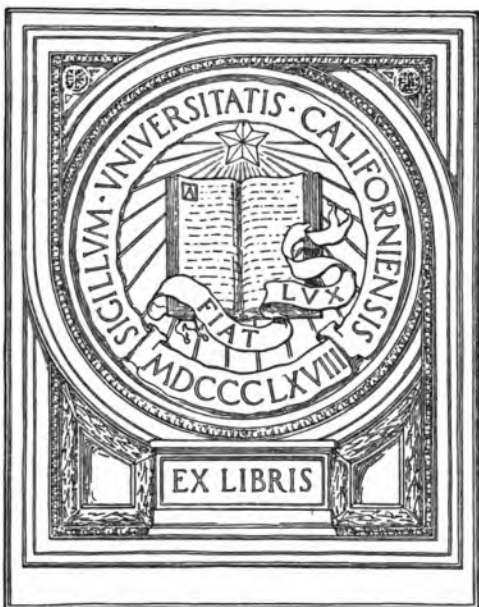
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DOCUMENTS
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U.S. DEPARTMENT OF COMMERCE
" BUREAU OF NAVIGATION
RADIO SERVICE

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

EDITION JUNE 30, 1920



**WASHINGTON
GOVERNMENT PRINTING OFFICE
1920**

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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: 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.

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.

This 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:

A.....	See Note A.	ONA to OTZ..	Belgium and colonies.
B ¹	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...	Curaçao (Dutch).
CLA to CMZ...	Spain.	PJN to PJZ....	Surinam (Dutch).
CNA to CNZ...	Morocco.	PKA to PMZ...	Dutch East Indies.
COÁ to COZ...	Great Britain.	PNA to PPZ...	Brazil.
CPA to CPZ...	Bolivia.	PQA to PQZ...	Portugal.
COA to COZ...	Monaco.	PTA to PVZ...	Brazil.
CRA to CUZ...	Portugal and possessions.	PWA to PZZ...	Netherlands.
CVA to CVZ...	Roumania.	Q.....	Reserved for code abbre- viations.
CWA to CWZ...	Uruguay.	R.....	Russia.
CXA to CXZ...	Spain.	SAA to SMZ...	Sweden.
CYA to CZZ...	Mexico.	SNA to STZ...	Brazil.
D.....	See Note A.	SUA to SUZ...	Egypt.
EAA to EHZ...	Spain and colonies.	SVA to SZZ...	Greece.
EIA to EZZ...	Great Britain.	TAA to TMZ...	See Note A.
F.....	France and colonies.	TNA to TZZ...	See Note A.
G.....	Great Britain.	UAA to UMZ...	France and colonies.
HAA to HFZ...	See Note A.	UNA to UNZ...	Bosnia-Herzegovina.
HGA to HHZ...	Siam.	UOA to UZZ...	See Note A.
HIA to HIZ...	Dominican Republic.	VAA to VGZ...	Canada (British).
HJA to HKZ...	Republic of Colombia.	VHA to VKZ...	Australian Federation (British).
HLA to HNU...	Spain.	VLA to VMZ...	New Zealand (British).
HNV to HNZ...	New Hebrides.	VNA to VNZ...	South African Union (British).
HOA to HZZ...	France and colonies.	VOA to VOZ...	Newfoundland (British).
I.....	Italy and colonies.	VPA to VSZ...	British colonies not au- tonomous.
J.....	Japan and colonies.	VTA to VWZ...	British India.
KAÁ to KCZ...	See Note A.	VXA to VZZ...	Colonies and protectorates of Great Britain.
KDA to KZZ...	United States.	W.....	United States.
LAA to LHZ...	Norway.	XAA to XDZ...	Mexico.
LIA to LRZ...	Argentine Republic.	XEA to XMZ...	Great Britain.
LSA to LUZ...	Great Britain.	XNA to XSZ...	China.
LVA to LVZ...	Guatemala.	XTA to XZZ...	Great Britain.
LWA to LWZ...	Norway.	Y.....	Great Britain.
LXA to LZZ...	See Note A.	Z.....	Great Britain.
M.....	Great Britain.		
N.....	United States.		
OAA to OBZ...	Peru.		
OCA to OFZ...	Great Britain.		
OGA to OMZ...	See Note A.		

¹ The call letters BAA to BVC are no longer assigned to British vessels of war. Accordingly, all the calls from BAA to BVC may be canceled. The call letter BXZ henceforth designates any vessel of the British Navy whatsoever.

NORZ A.—The calls beginning with A, with D, from KAA to KCZ, and from TNA to TZZ were reserved for Germany and possessions and are subject to change involved in results of the Versailles Treaty of Peace. The same applies to calls from HAA to HFC assigned to Hungary, LXA to LZZ to Bulgaria, OGA to OMZ to Austria, TAA to TMZ to Turkey, UOA to UZZ to Austria-Hungary.

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:

EDWIN F. SWEET,
Acting 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 Assn.
Avalon, Calif.....	KUXV				Pacific Telep. & Teleg. Co.
Babylon, N. Y. <i>See</i> New York, N. Y.					
Becharof, Alaska.....	KUDV	150, 300, 600	PR	X	Alaska Packers Assn.
Belmar, N. J. <i>See</i> New Brunswick, N. J.					
Bolinas, Calif.....	KET	6700	PR	N	Radio Corp. of America.
Boston, Mass.....	WBF	300, 600	PG	N	Tropical Radio Teleg. Co.
Bristol Bay, Alaska. <i>See</i> Metha Nelson.					
Brooklyn, N. Y.....	WCG	300, 600	PG	N	International Radio Teleg. Co.
Burrwood, La.....	WBW	300, 600, 2200	PG	X	Tropical Radio Teleg. Co.
Butte, Mont.....	KMN	550, 1700	PR	X	Great Falls Power Co.
Cape Edwards, Alaska.....	KEY	300, 550, 600	PR	X	Deep Sea Salmon Co.
Chatham, Mass. <i>See</i> Marion, Mass.					
Cheboygan, Mich.....	KUXM	300, 450, 600	PR	X	Warren W. Kathan.
Chicago, Ill.....	WGO	300, 600, 2000	PR	(1)	Inter-City Radio Co.
Chichagof, Alaska.....	KWW	300, 550, 600	PR	X	Joseph T. Bauer.
Chignik, Alaska.....	KHC	300, 600, 1610	PR	X	Alaska Packers Assn.
Chisik Island, Alaska.....	KUCP				Surf Packing Co.
Clarks Point, Alaska.....	KHG	300, 400, 500, 600	PR	X	Alaska Packers Assn.
Cleveland, Ohio.....	WCX		PR		Inter-City Radio Co.
Crocker Building. <i>See</i> San Francisco, Calif.					
Dallas, Tex.....	KUXP	300, 425, 600, 1650	PR	N	Continental Radio Teleg. & Telep. Co.
Detroit, Mich.....	WDR		PR		Inter-City Radio Co.
Egegik, Alaska.....	KMF	300, 550, 600	PR	X	Libby, McNeill & Libby.
Ekuk, Alaska.....	KMG	300, 500, 600	PR	X	Libby, McNeill & Libby.
Ensenada, P. R.....	WPR	300, 600, 1610	PG	X	Guanica Centrale.
Fairport, Va.....	KDAH				C. E. Davis Packing Co.
False Pass, Alaska.....	KJL	300, 550, 600, 1700	PR	X	Sockeye Salmon Co.
Funter, Alaska.....	KXK	300, 550, 600	PR	X	Thinket Packing Co.
Great Falls, Mont. (Rainbow)	KLQ	550, 1700	PR	X	Great Falls Power Co.
Hawk Inlet, Alaska.....	KKAI	300, 550, 600	PR	X	P. E. Harris & Co.
Hog Island, Pa.....	KDAB		P	X	American International Shipping Corp.
Ikatan, Alaska.....	KXW	300, 450, 600	PR	X	Pacific American Fisheries.
Johnswood, Mich.....	KUVQ	300, 450, 600	PR	X	Kreetan Co.
Jordan, Mont.....	KUVR	500	PR	(2)	Miles City-Jordan Wireless Co.
Jualin, Alaska.....	KJA	300, 600, 1980	PG	X	Jualin Alaska Mines Co.
Kahuku, Hawaii.....	KIE	9000	PG	N	Radio Corp. of America.
Karluk, Alaska.....	KYK	150, 300, 600	PR	X	Alaska Packers Assn.
Kanakakaj, Hawaii.....	KHO	300, 400, 600	PR	(3)	Mutual Telephone Co.
Kawaihai, Hawaii.....	KHN	300, 500, 600	PR	(4)	Mutual Telephone Co.
King Cove, Alaska.....	KJK	300, 450, 600, 1610	PG	X	Pacific-American Fisheries Co.
Koggiung, Alaska (moored vessel).	KUBX	150, 300, 600	PR	N	Alaska Packers Assn.
Koggiung, Alaska.....	KVV	300, 450, 600, 1610	PR	(5)	Libby, McNeill & Libby.
Koko Head, Hawaii. <i>See</i> Kahuku.					
Kussilof, Alaska.....	KKA O	525, 600, 1610	PR	X	Alaska Packers Assn.
Kvichak, Alaska.....	KHB	300, 400, 500, 600	PR	X	Alaska Packers Assn.
Kwiguk Slough, Alaska.....	KOV	550, 600, 1610	PR		Carlisle Packing Co.
Lahaina, Hawaii.....	KHL	300, 500, 600	PR	(5)	Mutual Telephone Co.
Latouche, Alaska.....	KIM	300, 600, 1650	PG	(6)	Kennecott Copper Corp.

1 Operates from 8.30 a. m. to 5 p. m.
 2 Operates from 8 a. m. to 6 p. m.
 3 Operates from 7 a. m. to 5.30 p. m.
 4 Operates from 7 a. m. to 12 p. m.

5 Operates from 6.30 to 9.30 p. m.
 6 Operates from 1 to 5 p. m. week days; 11 a. m. to 12 noon Sundays.

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

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Lazy Bay, Alaska.....	KEPS	300, 600, 1650	PR	X	Altak Packing Co.
Libbyville, Alaska.....	KMT	300, 600, 1700, 2200	PR	X	Libby, McNeill & Libby.
Lihue, Hawaii.....	KHM	300, 550, 600	PR	(1)	Mutual Telephone Co.
Lockanok, Alaska.....	KML	300, 550, 600, 1650	PR	X	Libby, McNeill & Libby.
Long Beach, Calif.....	KUXT	-----	-----	-----	Pacific Teleg. & Teleg. Co.
Lost Harbor, Alaska.....	KWS	300, 600	PR	X	Alaska Sulphur Co.
Marion, Mass.....	WSO	12000	PR	N	Radio Corp. of America.
Marshall, Alaska.....	KIS	300, 550, 600, 1650	PR	(2)	John C. Currin.
Marshall, Calif. <i>See</i> Bolinas, Calif. Metha Nelson (moored schooner) ..	KMP	250, 300, 525, 600	PR	X	Alaska Packers Assn.
Miles City, Mont.....	KUXN	500	PR	(3)	Miles City-Jordan Wireless Co.
Nakat Inlet, Alaska.....	KDW	300, 525, 600, 1700, 2000	PR	X	G. W. Hume & Co.
Naknek, Alaska.....	KHT	300, 600, 1610	PR	X	Alaska Packers Assn.
Naknek, Alaska.....	KMK	300, 500, 600	PR	X	Naknek Packing Co.
Nelson Lagoon, Alaska.....	KXV	300, 450, 600	PR	X	Pacific American Fisheries Co.
New Brunswick, N. J.....	WII	13600	PR	N	Radio Corp. of America.
New London, Conn.....	WLC	300, 600	PG	N	International Radio Teleg. Co.
New Orleans, La.....	WNU	300, 600, 2200	PG	N	Tropical Radio Teleg. Co.
Newport, R. I.....	WCI	300, 600	PG	X	International Radio Teleg. Co.
New York, N. Y.....	WHB	300, 600	PG	X	E. J. Simon.
New York, N. Y.....	WNY	300, 450, 600	PG	N	Radio Corp. of America.
New York, N. Y.....	WSE	300, 450, 600	PG	N	Independent Wireless Teleg. Co.
New York, N. Y.....	WHI	300, 600, 1700	PR	(4)	John Wanamaker.
Nushagak, Alaska.....	KKA E	-----	-----	-----	Libby, McNeill & Libby.
Ogden, Utah.....	KUPQ	200, 425	PR	X	Ogden - Portland Cement Co.
Philadelphia, Pa.....	WHE	300, 600, 1700	PR	(5)	John Wanamaker.
Pilot Point, Alaska.....	KUDT	150, 300, 600	PR	X	Alaska Packers Assn.
Pirate Cove, Alaska.....	KOXX	300, 600, 1650	PR	(6)	Union Fish Co.
Port Althorp, Alaska.....	ELW	300, 450, 525, 600	PR	X	Deep Sea Salmon Co.
Port Beauchaire, Alaska.....	KWO	300, 550, 600	PR	X	Beauchaire Packing Co.
Port Chatham, Alaska.....	KWH	-----	-----	-----	Alaska Ocean Food Co.
Port Moller, Alaska.....	KWR	300, 450, 600, 1610	PR	(7)	Pacific American Fisheries Co.
Port Walter, Alaska.....	KEQ	600, 500, 525, 600	PR	X	Alaska Herring & Sardine Co.
Saltchuck, Alaska.....	KWQ	300, 550, 600	PR	X	Saltchuck Mining Co.
Snag Point, Alaska.....	KHF	300, 400, 500, 600	PR	X	Alaska Packers Assn.
Sulzer, Alaska.....	KKAA	300, 550, 600	PR	X	Charles A. Sulzer.
Teller, Alaska.....	KWT	-----	PR	X	Max R. Hirschberg.
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	8000	PG	N	Radio Corp. of America.
Ugagak, Alaska. <i>See</i> Egegik, Alaska.....	-----	-----	-----	-----	-----
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 Assn.
Wahiawa, Hawaii.....	KHK	300, 550, 600	PG	N	Mutual Telephone Co.
Washington Bay, Alaska.....	KQS	300, 450, 525, 600	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.

1 Operates from 7 a. m. to 5.30 p. m.

2 Operates from 9 a. m. to 7 p. m.

3 Operates from 8 a. m. to 6 p. m.

4 Operates from 9 a. m. to 5 p. m.

5 Operates from 9 to 11 a. m. and 6 to 12 p. m.

6 Operates from 6.30 to 9.30 p. m.

COMMERCIAL SHIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS.

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Abangarez.....	KDI	300, 600	PG	United Fruit Co.....	T. R. T. Co.
Abbeville.....	KLN	300, 600	PG	U. S. S. B.....	S. O. R. S.
Abercos.....	KOVR	300, 600	PG	do.....	Do.
Aberdeen.....	WXIU	300, 600	PG	do.....	Do.
Ablanset.....	KIXF	300, 600	PG	do.....	I. W. T. Co.
Abner Coburn.....	WHR	300, 450, 600, 1,800	PG	Libby, McNeill & Libby.	S. O. R. S.
Abraham Lincoln.....	KIXS	300, 600	PG	U. S. S. B.....	Do.
Abron.....	KEBD	300, 600	PG	do.....	R. C. of A.
Absaroka.....	WKW	300, 600	PG	do.....	Do.
Absecon.....	KSEA	300, 600	PG	do.....	I. W. T. Co.
A. C. Bedford.....	KNZ	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Accomac.....	KMOE	300, 600	PG	U. S. S. B.....	S. O. R. S.
Achilles.....	KPT	300, 450, 600	PG	Panama R. R. Co.....	Owner of vessel.
Acme.....	KIJ	300, 600	PG	Standard Transporta- tion Co.	R. C. of A.
Acrema.....	KEDD	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Aculeo.....	KEQQ	300, 600	PG	do.....	S. O. R. S.
Addison.....	WBAU	300, 600	PG	do.....	Do.
Admiral Dewey.....	WAY	300, 600	PG	Pacific S. S. Co.....	Do.
Admiral Evans.....	KICZ	300, 600	PG	do.....	Do.
Admiral Farragut.....	WAF	300, 450, 515, 600	PG	do.....	Do.
Admiral Goodrich.....	WRJ	300, 440, 520, 600	PG	do.....	Do.
Admiral Mayo.....	WZIO	300, 440, 525, 600	PG	Pacific-Alaska Naviga- tion Co.	Owner of vessel.
Admiral Nicholson.....	KMAA	300, 450, 600	PG	Pacific S. S. Co.....	S. O. R. S.
Admiral Rodman.....	WOA	300, 600	PG	do.....	R. C. of A.
Admiral Schley.....	WAZ	300, 600	PG	do.....	S. O. R. S.
Admiral Sebree.....	WAG	300, 600	PG	Pacific-Alaska Naviga- tion Co.	Do.
Admiral Sims.....	KXUO	300, 440, 525, 600	PG	do.....	Owner of vessel.
Admiral Wainwright.....	WSF	300, 450, 600	PG	Pacific S. S. Co.....	S. O. R. S.
Admiral Watson.....	WAW	300, 450, 525, 600	PG	do.....	Do.
Adria.....	KUSZ	300, 450, 600	PG	U. S. S. B.....	U. S. S. B.
Advance.....	KMV	300, 450, 600	PG	Panama R. R. Co.....	Owner of vessel.
Adway.....	WBEA	300, 600	PG	U. S. S. B.....	R. C. of A.
Aeolus.....	KOZC	300, 600	PG	do.....	Do.
A. E. R. Schneider.....	WFUI	300, 450, 600	PG	Morrow S. S. Co.....	C. & W. R. C.
Afalkey.....	WBE	300, 600	PG	U. S. S. B.....	R. C. of A.
Afel.....	KISQ	300, 600	PG	do.....	Do.
Afoundria.....	KOMQ	300, 600	PG	do.....	S. O. R. S.
Afrania.....	KLAI	300, 600	PG	do.....	R. C. of A.
Agarista.....	KLUU	300, 600	PG	do.....	I. W. T. Co.
Agawam.....	WNJE	300, 600	PG	do.....	Do.
Agemennon.....	KOXQ	300, 600	PG	do.....	Do.
Agria.....	WQAI	300, 600	PG	do.....	S. O. R. S.
Agron.....	KUVJ	300, 600	PG	do.....	Do.
Agwidale.....	WDOA	300, 600	PG	Mallory S. S. Co.....	I. W. T. Co.
Agwistar.....	KEPG	300, 600	PG	do.....	Do.
Agwisun.....	KDAD	300, 600	PG	Atlantic, Gulf & West Indies S. S. Co.	Do.
Agylla.....	KUXS	300, 420, 600	PG	National Oil Trans- port Co.	S. O. R. S.
Ahala.....	KECZ	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Aiken.....	WMUU	300, 600	PG	do.....	R. C. of A.
Aimwell.....	WYUO	300, 600	PG	do.....	S. O. R. S.
Airle.....	WBEI	300, 600	PG	Nacirema S. S. Corp.	R. C. of A.
Alax.....	KOI	300, 600	PG	Alessandro Fabbri	Do.
Alabama.....	WFB	300, 600	PG	Goodrich Transit Co.	Do.
Alabama.....	WRAE	300, 600	PG	Texas Co.....	I. W. T. Co.
Alabat.....	WSAO	300, 600	PG	U. S. S. B.....	S. O. R. S.
Alameda.....	WAA	300, 600	PG	Alaska S. S. Co.....	Do.
Alameda.....	KOBN	300, 600	PG	U. S. S. B.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Alamo.....	KEJ	300,450,600	PG	Mallory S. S. Co.....	R. C. of A.
Alamosa.....	WLUI	300,600	PG	U. S. S. B.....	Do.
Alanthus.....	WVEE	300,600	PG	.....do.....	Do.
Alapaha.....	WZAI	300,600	PG	.....do.....	Do.
Alaska.....	WWS	300,435,510, 600	PG	Alaska S. S. Co.....	S. O. R. S.
Alaskan.....	WKA	300,600	PG	American-Hawaiian S. S. Co.....	Owner of vessel.
Albatross.....	KELD	300,600	PR	Albatross Co.....	Do.
Alberta.....	KZA	300,600,1,800	PG	Fred G. Bourne.....	R. C. of A.
Alcis.....	KEPX	300,600	PG	U. S. S. B.....	S. O. R. S.
Alcona.....	WLUO	300,600	PG	.....do.....	Do.
Alderman.....	KIFF	300,600	PG	.....do.....	R. C. of A.
Alector.....	KEPZ	300,600	PG	.....do.....	I. W. T. Co.
Aledo.....	KEPL	300,600	PG	.....do.....	S. O. R. S.
Algonquin.....	KIZT	300,450,600	PG	Clyde S. S. Co.....	I. W. T. Co.
Alicia.....	KZB	300,600	PG	Alfred I. Du Pont.....	Owner of vessel.
Allagunash.....	KVX	300,450,525, 600	PG	American-Trans- atlantic Co.....	S. O. R. S.
Allanhurst.....	WNOA	300,600	PG	U. S. S. B.....	Do.
Allegheny.....	WRAI	300,600	PG	Great Lakes Transit Corp.....	Do.
Allentown.....	KVIU	300,600	PG	U. S. S. B.....	Do.
Alliance.....	KMA	300,450,600	PG	Panama R. R. Co.....	Owner of vessel.
Alliance.....	WRV	300,600	PG	Gulf Mail S. S. Co.....	R. C. of A.
Allies.....	KQUA	300,600	PG	U. S. S. B.....	Do.
Allison.....	WTOA	300,600	PG	.....do.....	S. O. R. S.
Alloway.....	KTAA	300,600	PG	.....do.....	Do.
Aloha.....	KYH	300,450,600	PG	Arthur C. James.....	Owner of vessel.
Alpaco.....	WBII	300,600	PG	U. S. S. B.....	I. W. T. Co.
Alpena.....	WCS	300,500,600	PG	Wyandotte Trans- portation Co.....	R. C. of A.
Alta.....	KICX	300,450,600	PG	U. S. S. B.....	Do.
Alvada.....	WGEE	300,450,600	PG	.....do.....	S. O. R. S.
Ambridge.....	KIKQ	300,600	PG	.....do.....	I. W. T. Co.
A. M. Byers.....	WMY	300,600	PG	North American S. S. Co.....	R. C. of A.
Ameross.....	KOVF	300,600	PG	U. S. S. B.....	Do.
Amelia.....	WRF	300,600	PG	Atlantic Fruit Co.....	Do.
American.....	WKF	300,600	PG	American-Hawaiian S. S. Co.....	Owner of vessel.
American Press.....	KUDN	300,600	PG	U. S. S. B.....	R. C. of A.
American Star.....	KIPP	300,600	PG	.....do.....	Do.
Amolco.....	KMB	300,450,600	PG	Boston Molasses Co.....	Owner of vessel.
Amoron.....	WTOE	300,600	PG	U. S. S. B.....	I. W. T. Co.
Ampetco.....	KMAU	300,450,600	PG	Standard Oil Co. of N. J.....	R. C. of A.
Amphion.....	WJS	300,600	PG	U. S. S. B.....	Do.
Anaconda.....	KOFD	300,450,600	PG	.....do.....	S. O. R. S.
Anacortes.....	KQOA	300,600	PG	.....do.....	I. W. T. Co.
Anahuac.....	KUZL	300,600	PG	.....do.....	Do.
Ancon.....	KMS	300,450,600	PG	Panama R. R. Co.....	Owner of vessel.
Andalusia.....	WJA	300,600	PG	U. S. S. B.....	Do.
Andra.....	WDEE	300,600	PG	.....do.....	S. O. R. S.
Andrea F. Luckenbach.....	KIPV	300,600	PG	Luckenbach S. S. Co.....	Do.
Andrew Jackson.....	KONQ	300,600	PG	U. S. S. B.....	Do.
Angeles.....	KUJB	300,450,600	PG	.....do.....	R. C. of A.
Angelina.....	KIFT	300,600	PG	.....do.....	Do.
Aniwa.....	KROE	300,600	PG	.....do.....	I. W. T. Co.
Anna E. Morse.....	KUTD	300,600	PG	.....do.....	Do.
Ann Arbor No. 3.....	WDN	300,600	PG	Ann Arbor R. R. Co.....	R. C. of A.
Ann Arbor No. 4.....	WDO	300,600	PG	.....do.....	Do.
Ann Arbor No. 5.....	WDP	300,600	PG	Empire Trust Co.....	Do.
Ann Arbor No. 6.....	WDQ	300,600	PG	Ann Arbor Boat Co.....	Do.
Annetta.....	WRG	300,600	PG	Atlantic Fruit Co.....	Do.
Annette Rolph.....	KETZ	300,600	PG	Rolph Navigation & Coal Co.....	Owner of vessel.
Anniston.....	KIDM	300,600	PG	U. S. S. B.....	I. W. T. Co.
Anoka.....	KQEE	300,600	PG	.....do.....	Do.
Anthera.....	WNUA	300,600	PG	.....do.....	R. C. of A.
Anthracite Bridge.....	KUKG	300,600	PG	.....do.....	Do.
Antieta.....	KONR	300,600	PG	.....do.....	Do.
Antilla.....	KWD	300,450,600	PG	New York & Cuba Mail S. S. Co.....	I. W. T. Co.
Antonia.....	KOLD	300,600	PG	Madrigal & Co.....	Do.
Anyox.....	WCJ	300,600	PG	Coastwise S. S. & Barge Co.....	S. O. R. S.
Aowa.....	WRIA	300,600	PG	U. S. S. B.....	R. C. of A.
Apache.....	KVA	300,450,600	PG	Clyde S. S. Co.....	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Apache.....	KYY			Robert F. Herrick.....	
Apalachee.....	WSAE	300,600	PG	U. S. S. B.....	I. W. T. Co.
Apex.....	KGUI	300,675,600	PG	Wilson Fisheries Co....	Owner of vessel.
Aquackanock.....	KSAU				
Aquarius.....	KUSN	300,600	PG	Nafra Co.....	
Aquilo.....	KOCJ	300,425,600	P	H. F. Alexander.....	Do.
Arado.....	WVUI	300,600	PG	U. S. S. B.....	I. W. T. Co.
Aragon.....	KUKB	300,600	PG	The Aragon (Inc.).....	C. & W. R. C.
Arambi.....	KEBF	300,600	PG	U. S. S. B.....	S. O. R. S.
Aramis.....	WDZ	300,450,600	P	A. H. Marks.....	Owner of vessel.
Arapahoe.....	KVB	300,450,600	PG	Clyde S. S. Co.....	I. W. T. Co.
Arcadia.....	WWD	300,600	PG	U. S. S. B.....	S. O. R. S.
Archer.....	KXG	300,600	PG	do.....	R. C. of A.
Arcturus.....	KURD	300,600	PG	do.....	I. W. T. Co.
Ardena.....	KBEU	300,600	PG	do.....	Do.
Ardmore.....	KIA	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Arenas.....	KTRM	300,600	PG	U. S. S. B.....	
Argenta.....	KIKS	300,600	PG	do.....	Do.
Argon.....	KUDD	300,600	PG	Standard Transportation Co.	Do.
Argonne.....	KSIO	300,450,600	PG	Argonne S. S. Co.....	Do.
Argus.....	KUVD	300,600	PG	Nafra Co.....	
Argyll.....	WTB	300,600,1800	PG	Union S. S. Co.....	F. T. Co.
Aro.....	KULM	300,450,600	PG	Standard Transportation Co.	R. C. of A.
Arizona.....	WFG	300,600	PG	Goodrich Transit Co..	Do.
Arizona.....	WKB	300,600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Arizpa.....	KULN	300,600	PG	U. S. S. B.....	I. W. T. Co.
Arlington.....	KZY	300,600	PG	New England Fuel & Transportation Co.	R. C. of A.
Armenia.....	KYM	300,600	PG	U. S. S. B.....	I. W. T. Co.
Artemis.....	WQS	300,600	PG	do.....	Do.
Artigas.....	KURG	300,600	PG	do.....	Do.
Artisan.....	KBOE	300,600	PG	do.....	Do.
Arundel.....	KETQ	300,600	PG	do.....	S. O. R. S.
Arvonnia.....	WMOE	300,600	PG	do.....	
Aryan.....	KOLB	300,600	PG	do.....	I. W. T. Co.
Asabeth.....	KIXG	300,600	PG	do.....	Do.
Ascuteley.....	KYV	300,600	PG	do.....	R. C. of A.
Ashbee.....	KIGZ	300,600	PG	do.....	I. W. T. Co.
Ashburn.....	WBEO	300,600	PG	do.....	R. C. of A.
Ashland County.....	KOMR	300,450,600	PG	do.....	S. O. R. S.
Ashabula.....	WEZ	300,600	PG	Pennsylvania & Ontario Navigation Co.	R. C. of A.
Askawake.....	KETM	300,450,600	PG	U. S. S. B.....	S. O. R. S.
Asotin.....	KILD	300,600	PG	do.....	R. C. of A.
Aspenhill.....	KETR	300,600	PG	do.....	S. O. R. S.
Asquam.....	KISV	300,600	PG	do.....	R. C. of A.
Assunippi.....	KIPB	300,600	PG	do.....	S. O. R. S.
Astmahco III.....	WGB	300,600	PG	Astmahco No. 3 (Inc.)	Do.
Astmahco IV.....	WDF	300,600	PG	Astmahco 4 (Inc.)	Do.
Astoria.....	KRIE	300,600	PG	U. S. S. B.....	Do.
Astral.....	KRIE	300,450,600	PG	Standard Transportation Co.	R. C. of A.
Asuncion.....	WTX	300,600	PG	Standard Oil Co. of Calif.	Do.
Atenas.....	KDK	300,600	PG	United Fruit Co.....	T. R. T. Co.
Atlantic Sun.....	KUMS	300,600	PG	Sun Oil Co.....	R. C. of A.
Atlantis.....	KIGN	300,600	PG	U. S. S. B.....	I. W. T. Co.
Atlas.....	WTT	300,450,600	PG	Standard Oil Co. of Calif.	R. C. of A.
Auburn.....	WDOE	300,450,600	PG	U. S. S. B.....	Do.
Auditor.....	KOFF	300,600	PG	do.....	S. O. R. S.
Aurora.....	WJAU	300,600	PG	do.....	R. C. of A.
Ausable.....	WWP	300,600	PG	American Transatlantic Co.	S. O. R. S.
Avalon.....	KIZL	300,600	PG	W. H. Wood.....	Owner of vessel.
Avalon.....	WFH	300,600	PG	William Wrigley, jr...	R. C. of A.
Avondale.....	KKAU	300,600	PG	U. S. S. B.....	S. O. R. S.
Awensdaw.....	KEMC	300,600	PG	do.....	Do.
Aztec.....	KZC	300,600	PG	A. C. Burrage.....	R. C. of A.
Bahboosic.....	KITC	300,600	PG	U. S. S. B.....	Do.
Babinda.....	KODP	300,600	PG	J. E. Chilberg.....	
Baccarat.....	KUSX	300,600	PG	Independent S. S. Co.	
Bacoi.....	KJU	300,450,600	PG	Standard Oil Co. of N. J.	Do.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Baddacock	KUJD	300,600	PG	U. S. S. B.	
Baganito	KGB	300,600	PG	do	S. O. R. S.
Bagoso	WSAU	300,600	PG	do	Do.
Bakersfield	KIZC	300,600	PG	do	I. W. T. Co.
Baladan	KVEU	300,475,600	PG	do	R. C. of A.
Balboa	WHU	300,600	PG	Columbian Maritime Co.	Do.
Balcatta	KOLM	300,600	PG	Pacific Motorship Co.	
Baldbutte	KISM	300,600	PG	U. S. S. B.	I. W. T. Co.
Baldhill	KOBV	300,600	PG	do	S. O. R. S.
Baldridge	KEQJ	300,600	PG	do	R. C. of A.
Baldrock	KEQJ	300,600	PG	do	S. O. R. S.
Balino	WKUO	300,600	PG	do	Do.
Ballcamp	KENV	300,450,600	PG	do	R. C. of A.
Ballenas	KEMZ	300,600	PG	do	S. O. R. S.
Ballow	KENQ	300,600	PG	do	Do.
Balliett	KVIA	300,478,600	PG	do	R. C. of A.
Balosoaro	KEDB	300,600	PG	do	I. W. T. Co.
Balsam	KIJJ	300,600	PG	do	Do.
Balsto	WPAA	300,600	PG	do	Do.
Banago	WVEO	300,600	PG	do	Do.
Banaran	KENZ	300,600	PG	do	S. O. R. S.
Bancroft	KNOI	300,600	PG	do	I. W. T. Co.
Banicaa	KEQF	300,600	PG	do	Do.
Bannaek	KIZQ	300,600	PG	do	Do.
Bantu	KLM	300,600	PG	U. S. Steel Products Co.	R. C. of A.
Barabos	KPUU	300,600	PG	U. S. S. B.	S. O. R. S.
Bar Harbor	KEFD	300,600	PG	do	I. W. T. Co.
Barbas	KERB	300,600	PG	do	Do.
Barkhamstead	WLOU	300,600	PG	do	S. O. R. S.
Barlow	WLAE	300,600	PG	do	Do.
Barrallton	KIDT	300,600	PG	do	I. W. T. Co.
Barranca	KIFR	300,600	PG	do	S. O. R. S.
Barrenfark	KIJD	300,600	PG	do	R. C. of A.
Barrington	KJIA	300,600	PG	do	Do.
Barryton	KIJF	300,600	PG	do	S. O. R. S.
Barstow	KIJR	300,600	PG	do	I. W. T. Co.
Barthey	KIZD	300,600	PG	do	R. C. of A.
Bartholomew	KOMF	300,600	PG	do	Do.
Bartolome	KOBS	300,450,600	PG	do	Do.
Barugo	KEQC	300,600	PG	do	Do.
Barwick	KOBR	300,600	PG	do	Do.
Bassan	WRAA	300,600	PG	do	S. O. R. S.
Basco	WVEI	300,600	PG	do	Do.
Bascobel	KOFS	300,600	PG	do	Do.
Basford	KOFR	300,600	PG	do	R. C. of A.
Basswood	KOQL	300,600	PG	do	Do.
Bastrop	KOQM	300,600	PG	do	Do.
Batanes	KEKX	300,600	PG	do	I. W. T. Co.
Bathalum	KIQT	300,600	PG	do	U. S. S. B.
Bathgate	KIQS	300,600	PG	do	Do.
Batino	KERC	300,600	PG	do	Do.
Baton Rouge	KSG	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Battahatchee	WCOA	300,600	PG	U. S. S. B.	Do.
Battonville	KIGV	300,600	PG	do	I. W. T. Co.
Bavington	KOPC	300,450,600	PG	do	R. C. of A.
Baxley	WBIO	300,600	PG	do	Do.
Bayamo	WDEU	300,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Bay Head	KINT	300,600	PG	U. S. S. B.	R. C. of A.
Bayou Teche	WXUU	300,600	PG	do	Do.
Bayport	KUJC	300,600	PG	do	Do.
Bayway	KSR	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Bearport	KUBK	300,450,600	PG	U. S. S. B.	S. O. R. S.
Beatrice	KLJ	300,600	PG	A. H. Bull S. S. Co.	I. W. T. Co.
Beaumont	WXUA	300,600	PG	U. S. S. B.	R. C. of A.
Bedminster	WQIE	300,600	PG	do	S. O. R. S.
Belair	WTOI	300,600	PG	do	Do.
Belding	KPUE	300,600	PG	do	R. C. of A.
Belfast	KRD	300,600	PG	Eastern S. S. Lines	Do.
Belfort	KIQB	300,600	PG	U. S. S. B.	S. O. R. S.
Belgrade	WROU	300,600	PG	do	Do.
Bell Brook	KQEI	300,600	PG	do	R. C. of A.
Bellbuckle	KTKK	300,600	PG	do	Do.
Bellemina	KODS	300,600	PG	do	I. W. T. Co.
Belleplaine	KOKF	300,450,600	PG	do	S. O. R. S.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Bellerose.....	KOKD	300,450,600	PG	U. S. S. B.....	R. C. of A.
Bellflower.....	KOPQ	300,600	PG	do.....	I. W. T. Co.
Bellhaven.....	KQFC	300,600	PG	do.....	S. O. R. S.
Bellingham.....	WCIA	300,600	PG	do.....	I. W. T. Co.
Bellota.....	KVEA	300,600	PG	do.....	S. O. R. S.
Beloit.....	KNIO	300,600	PG	do.....	R. C. of A.
Belvidera.....	KEQK	300,600	PG	do.....	S. O. R. S.
Benjamin Brewster.....	KPS	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Benj. F. Packard.....	WLA	300,450,600	PG	Booth Fisheries Co.....	S. O. R. S.
Benoni.....	KERR	300,600	PG	U. S. S. B.....	I. W. T. Co.
Benowa.....	KOTZ	300,600	PG	J. E. Chilberg.....	Do
Bensalem.....	KOFT	300,600	PG	U. S. S. B.....	R. C. of A.
Benzonia.....	KPUO	300,600	PG	do.....	Do
Berea.....	KEJL	300,600	PG	do.....	Do
Berela.....	KEKF	300,600	PG	do.....	Do
Berlin.....	WRB	300,600	PG	Alaska-Portland Packers Assn.	Owner of vessel.
Bessemer.....	KIGT	300,600	PG	U. S. S. B.....	R. C. of A.
Bethelridge.....	KERT	300,600	PG	do.....	I. W. T. Co.
Bethlehem Bridge.....	KIJV	300,600	PG	do.....	S. O. R. S.
Bethnor.....	KOKT	300,600	PG	do.....	R. C. of A.
Betsy Bell.....	KITM	300,600	PG	do.....	I. W. T. Co.
Betterton.....	KUBG	300,600	PG	do.....	S. O. R. S.
Bidwell.....	KESQ				
Riloxi.....	KPAI	300,600	PG	U. S. S. B.....	Do
Biran.....	KKOA	300,600	PG	do.....	I. W. T. Co.
Birchleaf.....	KEMD	300,600	PG	Nacirema S. S. Corp.	R. C. of A.
Bird City.....	KOBP	300,600	PG	U. S. S. B.....	I. W. T. Co.
Birmingham City.....	KUTT	300,450,600	PG	U. S. Steel Products Co.	R. C. of A.
Black Arrow.....	WLN	300,600	PG	U. S. S. B.....	S. O. R. S.
Blair.....	KIGR	300,600	PG	do.....	I. W. T. Co.
Blakeley.....	WNUE	300,600	PG	do.....	R. C. of A.
Blandon.....	KPAU	300,600	PG	do.....	I. W. T. Co.
Bloomington.....	WFIO	300,600	PG	do.....	S. O. R. S.
Blue Eagle.....	KPOA	300,600	PG	do.....	R. C. of A.
Blue Triangle.....	KUGS	300,600	PG	do.....	I. W. T. Co.
Bluffton.....	KEKZ	300,600	PG	do.....	Do
Blythedale.....	KROA	300,600	PG	do.....	S. O. R. S.
Bobring.....	WCAA	300,600	PG	Pacific American Fisheries.	
Bockonoff.....	WNUI	300,600	PG	U. S. S. B.....	R. C. of A.
Boilston.....	KPEA	300,600	PG	do.....	S. O. R. S.
Bolikow.....	KQED	300,600	PG	do.....	Do
Bologan.....	WLIU	300,600	PG	do.....	Do
Bonham.....	WKIE	300,600	PG	do.....	Do
Bonifay.....	KPOO	300,600	PG	do.....	Do
Bonnafon.....	KNOU	300,600	PG	do.....	R. C. of A.
Bonneteere.....	KETL	300,600	PG	do.....	S. O. R. S.
Bon Secour.....	KIKV	300,600	PG	do.....	Do
Boobyalla.....	KUGC	300,600	PG	J. E. Chilberg.....	Do
Boone.....	KENL	300,600	PG	U. S. S. B.....	Do
Boonsborough.....	KELL	300,600	PG	do.....	Do
Borad.....	KIDK	300,600	PG	do.....	I. W. T. Co.
Rorata.....	WXUE	300,600	PG	Petroleum Transport Service Corp.	S. O. R. S.
Borinquen.....	KFV	300,600	PG	Battery S. S. Corp.....	R. C. of A.
Boston.....	KXA	300,550,600	PG	New England S. S. Co.	I. R. T. Co.
Boston.....	KXS	300,476,600	PG	U. S. S. B.....	Do
Boston Bridge.....	KINS	300,450,600	PG	do.....	R. C. of A.
Bosworth.....	KQOU	300,600	PG	do.....	Do
Botsford.....	WZAO	300,600	PG	do.....	I. W. T. Co.
Bottineau.....	WCAE	300,600	PG	do.....	R. C. of A.
Boughton.....	WCAI				
Boulton.....	KNOE	300,600	PG	U. S. S. B.....	S. O. R. S.
Bound Brook.....	KIFQ	300,600	PG	do.....	Do
Bournville.....	KTEU				
Bowesmont.....	KTIA				
Boxbutte.....	KETS	300,600	PG	U. S. S. B.....	I. W. T. Co.
Boxley.....	KNUU	300,600	PG	do.....	S. O. R. S.
Boykin.....	KETT	300,600	PG	do.....	Do
Boynton.....	KUGF	300,600	PG	do.....	I. W. T. Co.
Brahant.....	KUU	300,450,600	PG	Texas Co.....	Do
Bradford.....	KNG	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Braeburn.....	WMOI	300,600	PG	U. S. S. B.....	Do
Bramell Point.....	KRO	300,450,600	PG	Vacuum Oil Co.....	Do
Brandon.....	KZZ	300,600	PG	New England Fuel & Transportation Co.	Do

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Brandywine.....	WGUI	300,600	PG	U. S. S. B.....	I. W. T. Co.
Brant.....	KUDB	300,600	PG	East Coast Fisheries Co.	Owner of vessel.
Brasher.....	KIJX	300,600	PG	U. S. S. B.....	R. C. of A.
Brave Coeur.....	KOGN	300,476,600	PG	do.....	Do.
Braxton.....	KIBS	300,600	PG	do.....	I. W. T. Co.
Brazos.....	KEZ	300,450,600	PG	New York & Porto Rico S. S. Co.	Do.
Bremerton.....	WSZ	300,600	PG	U. S. S. B.....	
Brentwood.....	KIBV	300,600	PG	do.....	S. O. R. S.
Brevard.....	KEPJ	300,600	PG	do.....	
Briarcliffe.....	KEPK	300,600	PG	do.....	
Brilliant.....	KTI	300,450,600	PG	Standard Oil Co. of N. Y.	R. C. of A.
Brindilla.....	KTZ	300,450,600	PG	do.....	Do.
Bristol.....	KEGC	300,600	PG	Coastwise Trade Co...	Do.
Broad Arrow.....	KSY	300,450,600	PG	Standard Transportation Co.	Do.
Brockton.....	KNH	300,600	PG	Colonial Navigation Co.	I. R. T. Co.
Bromela.....	KRAI	300,600	PG	U. S. S. B.....	R. C. of A.
Brompton.....	KRAO	300,600	PG	do.....	Do.
Broncho.....	KRAU	300,600	PG	do.....	Do.
Brookdale.....	WNUO	300,600	PG	do.....	S. O. R. S.
Brookline.....	KURT	300,600	PG	do.....	Do.
Brookside.....	KEZS	300,600	PG	do.....	Do.
Brookwood.....	KRUE	300,600	PG	do.....	R. C. of A.
Broxton.....	KDAL	300,600	PG	do.....	
Brynhillida.....	KIO	300,450,600	PG	Cosmopolitan Shipping Co.	Do.
Buccaneer.....	KFO	300,600	PG	Freeport & Tampico Fuel Oil Transport C.	Do.
Buckhannon.....	KELG	300,600	PG	Robinson Shipping Co.	I. W. T. Co.
Buckhorn.....	WXIO	300,600	PG	U. S. S. B.....	Do.
Buffalo Bridge.....	KIZF	300,600	PG	do.....	Do.
Bugaya.....	WQOU	300,600	PG	do.....	R. C. of A.
Buhisan.....	WVII	300,600	PG	do.....	S. O. R. S.
Bulana.....	WJUJ	300,600	PG	do.....	Do.
Burmont.....	WZIE				
Burnham.....	WZIH				
Burnside.....	WGII	300,600	PG	U. S. S. B.....	R. C. of A.
Burnwell.....	KIMS	300,600	PG	do.....	Do.
Burnwood.....	KEPC				
Bushong.....	KJB	300,600	PG	U. S. S. B.....	I. W. T. Co.
Bushrod.....	KICB	300,600	PG	do.....	S. O. R. S.
Butte.....	KICC	300,600	PG	do.....	Do.
Buttercup.....	KIJT	300,600	PG	do.....	I. W. T. Co.
Butterfield.....	KIJS	300,600	PG	do.....	S. O. R. S.
Buttonwood.....	KLB	300,600	PG	do.....	R. C. of A.
Byfield.....	KIBZ	300,600	PG	do.....	S. O. R. S.
Bylail.....	KSOU	300,600	PG	Pocahontas Fuel Co.	R. C. of A.
Cabegon.....	KEJQ	300,600	PG	U. S. S. B.....	I. W. T. Co.
Cabeza.....	KKEA	300,600	PG	do.....	R. C. of A.
Cabrille.....	KENS	300,450,600	PG	do.....	Do.
Cabrillo.....	WBV	300,600	PG	Wilmington Transportation Co.	Do.
Cabura.....	KQAA	300,600	PG	U. S. S. B.....	S. O. R. S.
C. A. Canfield.....	WIH	300,450,600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
Cacique.....	WBE	300,450,600	PG	Grace S. S. Co.....	Do.
Cadaretta.....	WLOO	300,600	PG	U. S. S. B.....	S. O. R. S.
Caddo.....	KSK	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Caddopeak.....	WPUE	300,600	PG	U. S. S. B.....	I. W. T. Co.
Cajacet.....	KUDL	300,600	PG	do.....	Do.
Calala.....	KQAO	300,600	PG	do.....	Do.
Calamares.....	KLK	300,600	PG	United Fruit Co.....	T. R. T. Co.
Calaveras.....	KXIE	300,600	PG	U. S. S. B.....	I. W. T. Co.
Caldas.....	KQOV	300,600	PG	Caribbean S. S. Co.....	R. C. of A.
Calicorock.....	KXII	300,600	PG	U. S. S. B.....	I. W. T. Co.
California.....	KYQ	300,600	PG	Clara B. Stocker.....	
Calispell.....	KXIO	300,600	PG	U. S. S. B.....	R. C. of A.
Callabahas.....	WPUI	300,600	PG	Callabahas S. S. Corp.	I. W. T. Co.
Callao.....	WHF	300,600	PG	Bark Callao Corp.....	Owner of vessel.
Callao.....	KEQS	300,600	PG	U. S. S. B.....	R. C. of A.
Callooh.....	KPEE	300,600	PG	do.....	Do.
Calno.....	KINV	300,600	PG	do.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Caloria.....	KSP	300, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Calvert.....	WTUI	300, 600	PG	U. S. S. B.	Do.
Calvin Austin.....	KRN	300, 600	PG	Eastern S. S. Lines	Do.
Camaguey.....	KWI	300, 450, 600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Cambridge.....	KGR	300, 550, 600	PG	New York & New Orleans S. S. Co.	I. R. T. Co.
Cambridge.....	KIRR	300, 600	PG	U. S. S. B.	R. C. of A.
Camden.....	KRC	300, 600	PG	Eastern S. S. Lines	Do.
Campello.....	WTAU	300, 600	PG	Robinson Shipping Co.	I. W. T. Co.
Canaveral.....	WTEA			U. S. S. B.	
Canco.....	KUTP	300, 600	P	American Can Co.	Owner of vessel.
Canibas.....	WQEU	300, 450, 600	PG	U. S. S. B.	R. C. of A.
Canoga.....	WKZ	300, 600	PG	do.	S. O. R. S.
Canumset.....	KIQD	300, 600	PG	do.	Do.
Cape Cod.....	KPW	300, 600	PG	Whitehall Transportation Co.	R. C. of A.
Cape Henry.....	KMIE	300, 600	PG	U. S. S. B.	S. O. R. S.
Cape May.....	WDOI	300, 600	PG	do.	I. W. T. Co.
Cape Romain.....	KREA	300, 600	PG	do.	Do.
Capillo.....	KUPN	300, 600	PG	do.	Do.
Capines.....	KSAI	300, 600	PG	do.	Do.
Capital of Nebraska.....	KUSF	300, 600	PG	do.	Do.
Caponka.....	WCAO	300, 600	PG	do.	S. O. R. S.
Captain A. F. Lucas.....	WTV	300, 450, 600	PG	Standard Oil Co. of Calif.	R. C. of A.
Capulin.....	KUZR	300, 600	PG	U. S. S. B.	S. O. R. S.
Caracas.....	KDB	300, 450, 600	PG	Atlantic & Caribbean Steam Navigation Co.	R. C. of A.
Cardonia.....	KUVV	300, 600	PG	U. S. S. B.	S. O. R. S.
Carib.....	KJJU	300, 600	PG	Atlantic, Gulf & West Indies S. S. Lines.	
Carib.....	KMIA	300, 600	PG	Carib S. S. Co.	R. C. of A.
Carib.....	KUZX	300, 600	PG	Carib Trading Co.	S. O. R. S.
Caribbean.....	KGUE	300, 600	PG	Panama R. R. Co.	Owner of vessel.
Caribou.....	WSIA	300, 600	PG	U. S. S. B.	I. W. T. Co.
Carl D. Bradley.....	WGN	300, 600	PG	Bradley Transportation Co.	R. C. of A.
Carolina.....	WFE	300, 600	PG	Goodrich Transit Co.	Do.
Carolinian.....	KJF	300, 600	PG	Garland S. S. Corp.	Do.
Carolyn.....	KZG	300, 600	PG	A. H. Bull S. S. Co.	I. W. T. Co.
Carrillo.....	KDE	300, 600	PG	United Fruit Co.	T. R. T. Co.
Cartago.....	KDD	300, 600	PG	do.	Do.
Cartona.....	KUFL	300, 450, 600	PG	U. S. S. B.	S. O. R. S.
Cascade.....	WPUCO	300, 600	PG	do.	I. W. T. Co.
Casco.....	WCP	300, 600	PG	do.	Do.
Casey.....	KOQJ	300, 600	PG	do.	Do.
Casiana.....	KYE	300, 600	PG	Edward L. Doheny	R. C. of A.
Casmalia.....	WSII	300, 600	PG	U. S. S. B.	S. O. R. S.
C. A. Smith.....	WEL	300, 600	PG	Coos Bay Lumber Co.	Owner of vessel.
C. A. Snider.....	KRR	300, 450, 600	PG	Vacuum Oil Co.	S. O. R. S.
Casper.....	KIRX	300, 600	PG	U. S. S. B.	R. C. of A.
Castle Point.....	KESD	300, 600	PG	do.	I. W. T. Co.
Castle Town.....	KOF	300, 600	PG	do.	R. C. of A.
Castle Wood.....	KEKQ	300, 600	PG	do.	I. W. T. Co.
Catawba.....	KVEE	300, 600	PG	do.	R. C. of A.
Catherine D.....	KMAI	300, 450, 550, 600	PG	Pacific American Fisheries.	S. O. R. S.
Cathlamet.....	KOLP	300, 600	PG	U. S. S. B.	I. W. T. Co.
Cathwood.....	KURC	300, 450, 600	PG	do.	Do.
Cauto.....	KWF	300, 450, 600	PG	New York & Cuba Mail S. S. Co.	Do.
Cawker.....	KECF	300, 600	PG	U. S. S. B.	R. C. of A.
Cayo Mambi.....	KUZZ				
Cecil County.....	KERZ	300, 600	PG	Baltimore Dry Dock & S. B. Co.	
Cedar Spring.....	WTEE	300, 450, 600	PG	U. S. S. B.	Do.
Cello.....	WMF	300, 600	PG	Cello S. S. Co.	Do.
Centaurus.....	KOPZ	300, 600	PG	Nafra Co.	Do.
Central American.....	WKOU	300, 600	PG	Texas Co.	Do.
Centralia.....	WSN	300, 600	PG	Gulf Mail S. S. Co.	Do.
Ceralvo.....	WTEI	300, 600	PG	U. S. S. B.	S. O. R. S.
Cerosco.....	WTEO	300, 600	PG	do.	R. C. of A.
Cerro Gardo.....	KEFK	300, 450, 600	PG	do.	S. O. R. S.
Cethana.....	KORG	300, 440, 520, 600	PG	J. E. Chilberg	Do.
Challamba.....	KORJ	300, 600	PG	do.	

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Challenger.....	WNII	300,600	PG	U. S. S. B.....	I. W. T. Co.
Chalmette.....	KKC	300,450,600	PG	Southern Pacific S. S. Co.	R. C. of A.
Chamberino.....	KEFL	300,600	PG	U. S. S. B.....	S. O. R. S.
Chamblee.....	KEGG	300,600	PG	do.....	Do.
Champion.....	KIXV	300,600	PG	Atlantic Transport Co.	I. W. T. Co.
Chancock.....	KOFJ	300,600	PG	U. S. S. B.....	do.
Chantier.....	KEGK	300,600	PG	do.....	Do.
Chaparel.....	KEGJ	300,600	PG	do.....	R. C. of A.
Chappaqua.....	KURF	300,450,600	PG	do.....	I. W. T. Co.
Chappell.....	KEVS	300,600	PG	do.....	Do.
Charles Braley.....	KVP	300,450,600	PG	Cuba Distilling Co.	R. C. of A.
Charles E. Harwood.....	WID	300,450,600	PG	Pan-American Petroleum & Transport Co.	Do.
Charles M. Everest.....	WPOU	300,600	PG	Vacuum Oil Co.....	Do.
Charles O. Jenkins.....	WFT	300,600	PG	Jenkins S. S. Co.....	Do.
Charles Pratt.....	KSQ	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Charlot.....	WMUI	300,600	PG	U. S. S. B.....	I. W. T. Co.
Charlton Hall.....	KLU	300,600	PG	U. S. Steel Products Co.	R. C. of A.
Chattanooga.....	KIDN	300,600	PG	U. S. S. B.....	Do.
Chautauqua.....	KIFK	300,600	PG	do.....	Do.
Chebaulip.....	KJAA	300,600	PG	do.....	Do.
Chelan.....	WCAU	300,600	PG	do.....	Do.
Chepadoa.....	KOFL	300,600	PG	do.....	Do.
Cherokee.....	KVK	300,450,600	PG	Clyde S. S. Co.....	Do.
Cheron.....	KNII	300,600	PG	U. S. S. B.....	I. W. T. Co.
Chester Sun.....	WAS	300,600	PG	Sun Co.....	R. C. of A.
Chester Valley.....	KOST	300,600	PG	U. S. S. B.....	S. O. R. S.
Chester W. Chapin.....	KXQ	300,550,600	PG	New England S. S. Co.	I. R. T. Co.
Chestnut Hill.....	KVG	300,600	PG	U. S. S. B.....	S. O. R. S.
Chetopa.....	KCAE	300,600	PG	do.....	Do.
Chibiabos.....	WPOE	300,600	PG	do.....	Do.
Chicago.....	WAC	300,600	PG	Booth Fisheries Co.....	Do.
Chicago Bridge.....	KECG	300,600	PG	U. S. S. B.....	Do.
Chickamauga.....	KULC	300,600	PG	do.....	Do.
Chickasaw.....	KOJR	300,600	PG	do.....	R. C. of A.
Chickasaw City.....	KUNZ	300,600	PG	U. S. Steel Products Co.	I. W. T. Co.
Chicomico.....	KOLS	300,600	PG	U. S. S. B.....	R. C. of A.
Chimo.....	KKOO	300,600	PG	do.....	Do.
China.....	WWA	300,450,600	PG	China Mail S. S. Co.	Do.
Chinampa.....	KSC	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Chincha.....	KJZ	300,450,600	PG	Green Star S. S. Corp.	Do.
Chipchung.....	WBIA	300,600	PG	U. S. S. B.....	I. W. T. Co.
Christabel.....	KUTN	300,600	PG	Savannah Bar Pilots.	R. C. of A.
Christopher Columbus.....	WFJ	300,600	PG	Goodrich Transit Co.	Do.
Circinus.....	KOPK	300,600	PG	Nafra Co.....	S. O. R. S.
City of Alameda.....	KUCQ	300,600	PG	U. S. S. B.....	Do.
City of Alma.....	KUBP	300,600	PG	do.....	Do.
City of Alpena II.....	WEH	300,600	PG	Detroit & Cleveland Nav. Co.	R. C. of A.
City of Altou.....	KONZ	300,600	PG	U. S. S. B.....	S. O. R. S.
City of Atlanta.....	KFB	300,450,600	PG	Ocean S. S. Co.....	R. C. of A.
City of Augusta.....	KFJ	300,450,600	PG	do.....	Do.
City of Bangor.....	KRH	300,600	PG	Eastern S. S. Lines.....	Do.
City of Benton Harbor.....	WDV	300,600	PG	Graham & Morton Transp. Co.	Do.
City of Berkeley.....	KOZQ	300,600	PG	U. S. S. B.....	Do.
City of Brockton.....	KXO	300,600	PG	New England S. S. Co.	I. R. T. Co.
City of Buffalo.....	WFG	300,600	PG	Cleveland & Buffalo Transit Co.	R. C. of A.
City of Cleveland III.....	WEA	300,450,600	PG	Detroit & Cleveland Nav. Co.	Do.
City of Columbus.....	KFA	300,450,600	PG	Ocean S. S. Co.....	Do.
City of Detroit II.....	WEC	300,600	PG	Detroit & Cleveland Nav. Co.	Do.
City of Detroit III.....	WEF	300,450,600	PG	do.....	Do.
City of Erie.....	WFP	300,600	PG	Cleveland & Buffalo Transit Co.	Do.
City of Eureka.....	KEFT	300,600	PG	U. S. S. B.....	I. W. T. Co.
City of Everett.....	KTQ	300,600	PG	Standard Oil Co. of N. Y.	Do.
City of Fairbury.....	KISR	300,450,600	PG	U. S. S. B.....	S. O. R. S.
City of Flint.....	KUCV	300,450,600	PG	do.....	Do.
City of Freeport.....	KESV	300,600	PG	do.....	Do.
City of Grand Rapids.....	WDS	300,600	PG	Graham & Morton Transp. Co.	R. C. of A.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
City of Joliet.....	KUJR	300,600	PG	U. S. S. B.....	I. W. T. Co.
City of Lordsburg.....	KUTK	300,600	PG	do.....	do.
City of Lowell.....	KXB	300,550,600	PG	New England S. S. Co.	I. R. T. Co.
City of Mackinac II.....	WEB	300,600	PG	Detroit & Cleveland Nav. Co.	R. C. of A.
City of Miami.....	WDI	300,600	PG	Havana-American S. S. Corp.	S. O. R. S.
City of Montgomery.....	KFY	300,450,600	PG	Ocean S. S. Co.....	R. C. of A.
City of Omaha.....	KOZB	300,600	PG	U. S. S. B.....	I. W. T. Co.
City of Para.....	WFF	300,600	PG	Pacific Mail S. S. Co.	F. T. Co.
City of Puebla.....	WQG	300,600	PG	City of Puebla Corp.	R. C. of A.
City of Reno.....	KUSK	300,600	PG	U. S. S. B.....	S. O. R. S.
City of Rockland.....	KRI	300,600	PG	Eastern S. S. Lines.....	R. C. of A.
City of Rome.....	KQZ	300,450,600	PG	Ocean S. S. Co.....	Do.
City of Savannah.....	KFK	300,450,600	PG	do.....	Do.
City of Seattle.....	WGA	300,600	PG	Pacific Coast Co.....	Do.
City of Sherman.....	KUCS	300,600	PG	Pensacola S. B. Co.....	Do.
City of Spokane.....	KILL	300,600	PG	U. S. S. B.....	S. O. R. S.
City of St. Ignace.....	WEG	300,600	PG	Detroit & Cleveland Nav. Co.	R. C. of A.
City of St. Joseph.....	KOSM	300,600	PG	U. S. S. B.....	I. W. T. Co.
City of St. Louis.....	KFX	300,450,600	PG	Ocean S. S. Co.....	R. C. of A.
City of Sydney.....	KKEI	200,600	PG	L. A. Pederson.....	do.
City of Taunton.....	KXL	300,550,600	PG	New England S. S. Co.	I. R. T. Co.
City of Topeka.....	WGY	300,600	PG	Pacific S. S. Co.....	R. C. of A.
City of Vernon.....	KUNS	300,450,600	PG	U. S. S. B.....	Do.
City of Weatherford.....	KUVC	300,600	PG	do.....	Do.
Clackamas.....	KQEA	300,600	PG	do.....	Do.
Clairton.....	KIKR	300,600	PG	do.....	Do.
Clare.....	KNE	300,600	PG	A. H. Bull S. S. Co.....	I. W. T. Co.
Claremont.....	KUBD	300,600	PG	W. H. Wood.....	Owner of vessel.
Clark Mills.....	KOCQ	300,600	PG	U. S. S. B.....	I. W. T. Co.
Clarksburg.....	KOVF	300,600	PG	Coastwise Transporta- tion Co.	R. C. of A.
Clauseus.....	KOQB	300,600	PG	Green Star S. S. Corp.	Do.
Clavarack.....	KOLL	300,600	PG	U. S. S. B.....	Do.
Clearwater.....	KUGD	300,600	PG	do.....	Do.
Clemence C. Morse.....	KUGG	300,600	PG	do.....	I. W. T. Co.
Clemens A. Reiss.....	WNH	300,600	PG	Reiss S. S. Co.....	R. C. of A.
Cleopatra.....	KIQL	300,600	PG	U. S. S. B.....	Do.
Cletus Schneider.....	KMEO	300,600	PG	Paisley S. S. Co.....	Owner of vessel.
Climwood.....	KORX	300,600	PG	U. S. S. B.....	S. O. R. S.
Clincho.....	KENX	300,600	PG	do.....	R. C. of A.
Clio.....	KIKZ	300,600	PG	Pacific-American Fisheries.	I. W. T. Co.
Clodia.....	KILB	300,378,600	PG	U. S. S. B.....	S. O. R. S.
Clontarf.....	KUDP	300,600	PG	do.....	Do.
Coahoma County.....	KOMP	300,600	PG	do.....	Do.
Coalinga.....	WOT	300,600,1800	PG	Union S. S. Co.....	F. T. Co.
Coamo.....	KGA	300,450,600	PG	New York & Porto Rico S. S. Co.	I. W. T. Co.
Coastwise.....	KUZ	300,600	PG	Neptune Line.....	R. C. of A.
Coaxet.....	WPUU	300,425,600	PG	U. S. S. B.....	I. W. T. Co.
Cochin.....	KFLR	300,600	PG	do.....	do.
Cockaponset.....	KOFN	300,600	PG	do.....	S. O. R. S.
Cocconino.....	WMA	300,600	PG	do.....	R. C. of A.
Coopa.....	WXAI	300,600	PG	do.....	do.
Coquella.....	KOVV	300,600	PG	do.....	Do.
Coeur D'Alene.....	KOVT	300,600	PG	do.....	S. O. R. S.
Cohasset.....	WJUT	300,600	PG	do.....	Do.
Cokea.....	WMUE	300,600	PG	do.....	I. W. T. Co.
Cokesit.....	WQUA	300,600	PG	do.....	Do.
Coldbrook.....	KOQK	300,600	PG	do.....	Do.
Cold Harbor.....	KUBB	300,600	PG	do.....	S. O. R. S.
Cold Spring.....	KIQK	300,600	PG	do.....	R. C. of A.
Coldwater.....	KUCX	300,600	PG	do.....	S. O. R. S.
Col. E. L. Drake.....	WTS	300,450,600	PG	Standard Oil Co. of Calif.	R. C. of A.
Colindo.....	KSUI	300,600	PG	U. S. S. B.....	I. W. T. Co.
Collamer.....	KOZZ	300,600	PG	do.....	R. C. of A.
Collingsworth.....	KUKX	300,600	PG	do.....	S. O. R. S.
Coloma.....	KNIU	300,600	PG	do.....	Do.
Columbia.....	WBH	300,600,1800	PG	Pacific Mail S. S. Co.	F. T. Co.
Colona.....	KMX	300,450,600	PG	Panama R. R. Co.....	Owner of vessel.
Colorado Springs.....	KILK	300,600	PG	U. S. S. B.....	I. W. T. Co.
Coltraps.....	KUMR	300,450,600	PG	do.....	Do.
Columbia.....	WHC	300,430,600	PG	New Orleans & South American S. S. Co.	Owner of vessel.
Columbine.....	WLOI	300,600	PG	U. S. S. B.....	S. O. R. S.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Colusa.....	WIN	300, 600	PG	Grace S. S. Co.....	R. C. of A.
Comal.....	KEM	300, 450, 600	PG	Mallory S. S. Co.....	I. W. T. Co.
Comanche.....	KVC	300, 600	PG	Clyde S. S. Co.....	Do.
Comerant.....	KUMQ	300, 600	PG	U. S. S. B.....	S. O. R. S.
Comet.....	RTJ	300, 450, 600	PG	Standard Oil Co. of N. Y.	R. C. of A.
Commack.....	KULT	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Commissioner.....	KOGZ				
Commonwealth.....	KXC	300, 550, 600	PG	New England S. S. Co.	I. R. T. Co.
Communipaw.....	KOE	300, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Comus.....	KKD	300, 450, 600	PG	Southern Pacific Co...	Do.
Concho.....	KEC	300, 450, 600	PG	Mallory S. S. Co.....	I. W. T. Co.
Concord.....	KNC	300, 550, 600	PG	Colonial Navigation Co.	I. R. T. Co.
Conehatta.....	KUQQ	300, 600	PG	U. S. S. B.....	R. C. of A.
Conejos.....	KUKT	300, 450, 600	PG	do.....	Do.
Conewago.....	KISB	300, 600	PG	do.....	Do.
Congaree.....	WVEA	300, 600	PG	do.....	I. W. T. Co.
Conneaut.....	WCU	300, 600	PG	Gulf Refining Co.....	R. C. of A.
Connorsville.....	WKOO	300, 600	PG	U. S. S. B.....	S. O. R. S.
Conness Peak.....	KUPL	300, 450, 600	PG	do.....	I. W. T. Co.
Conotton.....	WVAO	300, 600	PG	do.....	Do.
Conshohocken.....	KUGV	300, 450, 600	PG	do.....	R. C. of A.
Consort.....	KDOI	300, 600	PG	do.....	I. W. T. Co.
Continental Bridge.....	KOCP	300, 600	PG	do.....	R. C. of A.
Contoocook.....	WVAU	300, 600	PG	do.....	Do.
Cook.....	KOFX	300, 600	PG	do.....	Do.
Coolcha.....	KOPS	300, 450, 525, 600	PG	J. E. Chilberg.....	S. O. R. S.
Coosa.....	WLF	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Coot.....	KUJM	300, 600	PG	East Coast Fisheries Co.	
Copalgrove.....	KEFJ	300, 600	PG	U. S. S. B.....	Do.
Coperas.....	WTEU	300, 600	PG	do.....	S. O. R. S.
Coppename.....	KDF	300, 600	PG	United Fruit Co.....	T. R. T. Co.
Coquina.....	WVAA	300, 600	PG	U. S. S. B.....	R. C. of A.
Coquitt.....	KOFZ	300, 600	PG	do.....	I. W. T. Co.
Cora F. Cressy.....	KSZ	300, 450, 600	PG	France & Canada S. S. Co.	R. C. of A.
Corapeake.....	WVAE	300, 600	PG	U. S. S. B.....	Do.
Corcoran.....	WVAI	300, 600	PG	do.....	S. O. R. S.
Cordova.....	WAR	300, 600	PG	Alaska S. S. Co.....	Do.
Cornelia.....	KZD	300, 600	PG	Bull Insular S. S. Co.	I. W. T. Co.
Corning.....	KIH	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Cornucopia.....	WNIU	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Coronado.....	WFZ	300, 600	PG	do.....	R. C. of A.
Corone.....	KUFM	300, 450, 600	PG	do.....	Do.
Corozal.....	KQIA	300, 600	PG	New York & Porto Rico S. S. Co.	I. W. T. Co.
Corrales.....	WPIE	300, 600	PG	U. S. S. B.....	S. O. R. S.
Corsair.....	KYC	300, 440, 600	PG	J. P. Morgan.....	R. C. of A.
Corsicana.....	WPII	300, 600	PG	U. S. S. B.....	Do.
Corson.....	KIQV	300, 600	PG	do.....	Do.
Corvallis.....	KIBT	300, 600	PG	do.....	S. O. R. S.
Corvus.....	KOPL	300, 450, 600	PG	Nafra Co.....	R. C. of A.
Coskata.....	KOMZ	300, 600	PG	U. S. S. B.....	S. O. R. S.
Costa Rica.....	WQI	300, 600	PG	L. A. Pedersen.....	Owner of vessel.
Costigan.....	KINF	300, 600	PG	U. S. S. B.....	S. O. R. S.
Costilla.....	WMEA	300, 600	PG	do.....	I. W. T. Co.
Cotati.....	KIQF	300, 600	PG	do.....	Do.
Cote Blanche.....	WMEE	300, 600	PG	do.....	S. O. R. S.
Cotopaxi.....	WMEI	300, 600	PG	Clinchfield Navigation Co.	R. C. of A.
Cotteral.....	WCEA	300, 600	PG	U. S. S. B.....	S. O. R. S.
Cottonplant.....	WMEO	300, 600	PG	do.....	Do.
Cottonwood.....	WMEU	300, 600	PG	do.....	Do.
Coulee.....	WTOU	300, 600	PG	do.....	I. W. T. Co.
Coulter.....	WQAO	300, 600	PG	do.....	S. O. R. S.
Council Bluffs.....	WVOA	300, 600	PG	do.....	R. C. of A.
Couparle.....	WVOE	300, 600	PG	do.....	Do.
Courageous.....	WVUA	300, 600	PG	do.....	I. W. T. Co.
Courtois.....	WVOI	300, 600	PG	do.....	R. C. of A.
Coushatta.....	WVOO	300, 600	PG	do.....	I. W. T. Co.
Coutolene.....	WVOU	300, 600	PG	do.....	Do.
Covalt.....	KEMM	300, 600	PG	do.....	R. C. of A.
Covedale.....	KEMN	300, 450, 600	PG	do.....	Do.
Cavena.....	KEMP	300, 450, 600	PG	do.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Coverun	KENM	300,600	PG	U. S. S. B.	R. C. of A.
Cowan	KENN	300,600	PG	do.	Do.
Cowanshancock	WMAE	300,450,600	PG	do.	S. O. R. S.
Cowardin	KESL	300,450,600	PG	Nacirema S. S. Corp.	R. C. of A.
Cowboy	WMAI	300,600	PG	U. S. S. B.	S. O. R. S.
Cowee	WMEU	300,450,600	PG	do.	I. W. T. Co.
Coweta	WXOA	300,600	PG	do.	R. C. of A.
Cowiche	WXOA	300,450,600	PG	do.	Do.
Coyote	KXUJ	300,600	PG	American B. S. Corp.	Do.
Crabtree	WXOE	300,600	PG	U. S. S. B.	Do.
Craftsman	KIBR	300,600	PG	do.	do.
Craigrownie	WXOI	300,600	PG	do.	I. W. T. Co.
Craigmere	WXOO	300,600	PG	do.	S. O. R. S.
Craincreek	WNAE	300,600	PG	do.	R. C. of A.
Cranenest	WNAE	300,600	PG	do.	I. W. T. Co.
Cranford	KOLX	300,600	PG	do.	Do.
Crafter Hall	KLK	300,600	PG	U. S. Steel Products Co.	R. C. of A.
Cratborne	WSEO	300,600	PG	U. S. S. B.	I. W. T. Co.
Crawl Keys	WDEI	300,600	PG	do.	R. C. of A.
Craycroft	WNAI	300,600	PG	do.	S. O. R. S.
Creole	KKR	300,450,600	PG	Southern Pacific Co.	R. C. of A.
Cresap	KRUA	300,600	PG	U. S. S. B.	S. O. R. S.
Cretan	KQC	300,450,600	PG	Merchants & Miners Transp. Co.	I. W. T. Co.
Crocket	WSEI	300,450,600	PG	Crocket S. S. Co.	S. O. R. S.
Cripple Creek	KOJL	300,376,600	PG	U. S. S. B.	Do.
Crisfield	KOKP	300,600	PG	do.	I. W. T. Co.
Cristina	KUZB	300,450,600	PG	Vincent Astor	R. C. of A.
Cristobal	KMD	300,450,600	PG	Panama R. R. Co.	Owner of vessel.
Crofton Hall	KLR	300,450,600	PG	U. S. Steel Products Co.	R. C. of A.
Cross Keys	KOTD	300,600	PG	U. S. S. B.	I. W. T. Co.
Crown City	KUSP	300,600	PG	do.	R. C. of A.
Crudoil	KUQD	300,600	PG	Pan-American Petroleum & Transport Co.	Do.
Cruso	WNTA	300,600	PG	U. S. S. B.	I. W. T. Co.
Cuba	WQU	300,600	PG	Pacific Mail S. S. Co.	F. T. Co.
Cubore	KUPP	300,600	PG	Ore S. S. Corporation	R. C. of A.
Culbora	KOZR	300,600	PG	J. E. Chilberg	do.
Cumberland	WKOI	300,600	PG	U. S. S. B.	Do.
Curacao	WKG	300,600	PG	Pacific S. S. Co.	Owner of vessel.
Curlew	KOSZ	300,450,600	PG	Curlew Co.	I. W. T. Co.
Currier	ENU	300,450,600	PG	Gulf Refining Co.	S. O. R. S.
Cushnet	KONB	300,600	PG	U. S. S. B.	R. C. of A.
Cushnoc	KIMJ	300,450,600	PG	do.	I. W. T. Co.
Custodian	KIVZ	300,600	PG	do.	S. O. R. S.
Cuttibunk	KONC	300,600	PG	do.	do.
Cuyamaca	KUXD	300,600	PG	do.	R. C. of A.
Daca	KKIA	300,600	PG	do.	I. W. T. Co.
Dade County	KIJZ	300,600	PG	do.	Owner of vessel.
Dakotan	WKD	300,600	PG	American - Hawaiian S. S. Co.	Nacirema S. S. Corp.
Dalana	KQAU	300,600	PG	U. S. S. B.	S. O. R. S.
Dalgada	KEDC	300,600	PG	do.	R. C. of A.
Dallas	KEQB	300,600	PG	do.	do.
Damacan	KELS	300,600	PG	do.	do.
Damuru	KPEO	300,600	PG	do.	Do.
Dancey	WSAA	300,600	PG	do.	Do.
Danebrog	WXAO	300,600	PG	do.	Do.
Daniel Webster	KOKM	300,600	PG	do.	I. W. T. Co.
Dannedaik	KOPD	300,450,600	PG	do.	R. C. of A.
Danvers	KOSK	300,600	PG	do.	Do.
Danville	KOSJ	300,600	PG	U. S. S. B.	Do.
D'Arbonne	KESX	300,600	PG	do.	Do.
Dardania	KICD	300,600	PG	do.	S. O. R. S.
Darden	KUPK	300,600	PG	do.	Do.
Dardora	KELT	300,600	PG	do.	Do.
Darien	KULG	300,600	PG	Panama R. R. Co.	Owner of vessel.
Darrah	WZIA	300,600	PG	U. S. S. B.	S. O. R. S.
Datis	KICF	300,600	PG	do.	I. W. T. Co.
Dauperata	KIJZ	300,600	PG	do.	R. C. of A.
Davenport	KUDR	300,600	PG	J. O. Davenport	S. O. R. S.
Davidson County	KINX	300,600	PG	U. S. S. B.	R. C. of A.
Dawnlite	KPP	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Daylite	KPR	300,450,600	PG	do.	Do.
Dayton	KNP	300,450,600	PG	do.	Do.
Decatur Bridge	KECJ	300,600	PG	U. S. S. B.	S. O. R. S.
Deepwater	KLY	300,450,600	PG	Castner, Curran & Bullitt.	R. C. of A.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Deerfield.....	WTIU	300,600	PG	U. S. S. B.....	S. O. R. S.
Deer Lodge.....	KIMD	300,600	PG	do.....	I. W. T. Co.
Defiance.....	WSEA	300,600	PG	do.....	R. C. of A.
Delanson.....	KOTX	300,600	PG	do.....	I. W. T. Co.
Delavan.....	KIRQ	300,600	PG	do.....	Do.
Delco.....	KIZB	300,600	PG	Delco S. S. Co.....	Do.
Delfina.....	KIVS	300,600	PG	U. S. S. B.....	R. C. of A.
Delight.....	KQOE	300,600	PG	do.....	S. O. R. S.
Delisle.....	KIVT	300,600	PG	do.....	Do.
Dellwood.....	KUBZ	300,600	PG	do.....	I. W. T. Co.
Delphine.....	KIFL	300,450,600	PG	H. E. Dodge.....	R. C. of A.
Delrosa.....	KUTG	300,600	PG	U. S. S. B.....	Do.
Democracy.....	WAQ	300,600	PG	do.....	S. O. R. S.
Deranof.....	KQIO	300,600	PG	do.....	I. W. T. Co.
Derbyline.....	KIRT	300,600	PG	do.....	R. C. of A.
Deroche.....	KOBJ	300,600	PG	do.....	I. W. T. Co.
Dertona.....	KICG	300,600	PG	do.....	R. C. of A.
Des Moines Bridge.....	KUCG	300,600	PG	do.....	I. W. T. Co.
De Soto.....	KNI	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Detroit-Wayne.....	KONX	300,600	PG	U. S. S. B.....	I. W. T. Co.
Deuel.....	KOMD	300,600	PG	do.....	S. O. R. S.
Deva.....	KICK	300,600	PG	do.....	I. W. T. Co.
Devolente.....	KIVR	300,600	PG	do.....	Do.
Dewey.....	KODT	300,450,600	PG	do.....	Do.
D. G. Scofield.....	WRD	300,450,600, 1,800	PG	Standard Oil Co. of Calif.	R. C. of A.
Diablo.....	KEPD	300,600	PG	U. S. S. B.....	S. O. R. S.
Diana.....	KICJ	300,600	PG	do.....	I. W. T. Co.
Dillwyn.....	KODX	300,600	PG	do.....	R. C. of A.
Dilworth.....	KOVJ	300,450,600	PG	do.....	S. O. R. S.
Dio.....	WNEO	300,600	PG	do.....	I. W. T. Co.
Director.....	KIGJ	300,600	PG	do.....	Do.
Dirigo.....	KEGM	300,600	PG	do.....	Do.
Dochet.....	KIMR	300,600	PG	do.....	S. O. R. S.
Doehra.....	KGL	300,450,600	PG	Barber & Co.....	R. C. of A.
Domingo Nazara 1.....	KUVN	300,600	PG	do.....	do.....
Donald McKay.....	KULL	300,600	PG	U. S. S. B.....	S. O. R. S.
Dora.....	WAH	300,600	PG	N. C. Eggen.....	Owner of vessel.
Dorchester.....	KQD	300,450,600	PG	Merchants & Miners Transpn. Co.	I. W. T. Co.
Dorothy Bradford.....	KNA	300,600	PG	Cape Cod S. S. Co.....	Owner of vessel.
Dorothy Palmer.....	KQW	300,450,600	PG	France & Canada S. S. Corp.	R. C. of A.
Doylestown.....	KIPG	300,600	PG	U. S. S. B.....	S. O. R. S.
Dreadnought.....	WGL	300,600	PG	Hind-Rolph & Co.....	R. C. of A.
Dryden.....	KORK	300,600	PG	U. S. S. B.....	Do.
Dulcino.....	KTV	300,600	PG	American Sugar Refining Co.	Do.
Dungannon.....	KUZV	300,600	PG	U. S. S. B.....	S. O. R. S.
Dungeness.....	WPOI	300,600	PG	do.....	R. C. of A.
Dunsyre.....	KUMF	300,600	PG	Robert Dollar Co.....	do.....
Duqueene.....	KECS	300,600	PG	U. S. S. B.....	S. O. R. S.
Eagle.....	KIR	300,450,600	PG	Standard Transportation Co.	R. C. of A.
E. A. Morse.....	KOVN	300,600	PG	U. S. S. B.....	I. W. T. Co.
East Cape.....	KENC	300,600	PG	do.....	R. C. of A.
East Chicago.....	KUKD	300,600	PG	do.....	S. O. R. S.
East Cliff.....	KSIA	300,600	PG	do.....	do.....
Eastorling.....	KEJD	300,600	PG	do.....	I. W. T. Co.
Eastern Admiral.....	KURN	300,600	PG	do.....	Do.
Eastern Belle.....	KUJT	300,600	PG	do.....	S. O. R. S.
Eastern Breeze.....	KOPP	300,600	PG	do.....	Do.
Eastern Chief.....	KSEI	300,600	PG	do.....	Do.
Eastern Cloud.....	KUSQ	300,450,600	PG	do.....	Do.
Eastern Coast.....	KURX	300,600	PG	do.....	Do.
Eastern Crag.....	KUVJ	300,450,600	PG	do.....	I. W. T. Co.
Eastern Cross.....	WKIU	300,600	PG	do.....	S. O. R. S.
Eastern Crown.....	KUNQ	300,600	PG	do.....	R. C. of A.
Eastern Dawn.....	KUQT	300,450,600	PG	do.....	Do.
Easterner.....	WGEA	300,600	PG	do.....	I. W. T. Co.
Eastern Gale.....	KUDZ	300,600	PG	do.....	S. O. R. S.
Eastern Glade.....	KUND	300,450,600	PG	do.....	R. C. of A.
Eastern Glen.....	KUVB	300,450,600	PG	do.....	I. W. T. Co.
Eastern Guide.....	KUCN	300,450,600	PG	do.....	Do.
Eastern King.....	WFEA	300,600	PG	do.....	R. C. of A.
Eastern Knight.....	KUFB	300,450,600	PG	do.....	I. W. T. Co.
Eastern Light.....	WKII	300,600	PG	do.....	Do.
Eastern Maid.....	KUTF	300,450,600	PG	do.....	R. C. of A.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Eastern Mariner.....	KUGB	300,450,600	PG	U. S. S. B.....	I. W. T. Co.
Eastern Merchant.....	KUKS	300,450,600	PG	do.....	R. C. of A.
Eastern Moon.....	KUDX	300,450,600	PG	do.....	I. W. T. Co.
Eastern Ocean.....	KUNF	300,600	PG	do.....	S. O. R. S.
Eastern Pilot.....	KULJ	300,450,600	PG	do.....	R. C. of A.
Eastern Planet.....	KUPD	300,450,600	PG	do.....	I. W. T. Co.
Eastern Queen.....	KXUE	300,600	PG	do.....	S. O. R. S.
Eastern Sailor.....	KUZT	300,600	PG	do.....	I. W. T. Co.
Eastern Sea.....	KTEA	300,450,600	PG	do.....	Do.
Eastern Shore.....	WKIO	300,600	PG	do.....	R. C. of A.
Eastern Star.....	KTAU	300,600	PG	Standard S. S. Co.....	I. W. T. Co.
Eastern States.....	WEE	300,600	PG	Detroit & Cleveland Nav. Co.	R. C. of A.
Eastern Sun.....	KTIE	300,600	PG	U. S. S. B.....	I. W. T. Co.
Eastern Tempest.....	KUVG	300,450,600	PG	do.....	S. O. R. S.
Eastern Trader.....	KULK	300,450,600	PG	do.....	I. W. T. Co.
Eastern Victor.....	KUNR	300,600	PG	do.....	S. O. R. S.
East Indian.....	WGEI	300,600	PG	do.....	Do.
Eastport.....	WCIE	300,600	PG	do.....	R. C. of A.
East Side.....	KIMQ	300,600	PG	do.....	I. W. T. Co.
East Wind.....	KEKB	300,600	PG	do.....	Do.
Eclipse.....	KEGF	300,600	PG	do.....	S. O. R. S.
E. C. Pope.....	WZAU	300,600	PG	Inter-Coast S. S. Co.....	
Ecuador.....	WBN	300,600,1800	PG	Pacific Mail S. S. Co.....	F. T. Co.
Edellyn.....	KIJL	300,600	PG	U. S. S. B.....	S. O. R. S.
Edenton.....	KECB	300,450,530, 600	PG	do.....	Do.
Edgar F. Luckenbach.....	KGK	300,450,530, 600	PG	Luckenbach Co.....	Do.
Edgecombe.....	WQUE	300,600	PG	U. S. S. B.....	Do.
Edgefield.....	KEBF	300,600	PG	do.....	I. W. T. Co.
Edgehill.....	KETN	300,600	PG	do.....	R. C. of A.
Edgemont.....	KETP	300,600	PG	do.....	Do.
Edgemoor.....	KEVF	300,600	PG	do.....	Do.
Edgewood.....	KICM	300,600	PG	do.....	Do.
Edisto.....	KILG	300,600	PG	do.....	S. O. R. S.
Edith.....	KZF	300,600	PG	A. H. Bull S. S. Co.....	I. W. T. Co.
Editor.....	KOBG	300,600	PG	U. S. S. B.....	S. O. R. S.
Edmore.....	KILJ	300,600	PG	do.....	I. W. T. Co.
Edna.....	KIPT	300,600	PG	Sudden & Christensen. French Overseas Corp.	R. C. of A.
Edward J. Lawrence.....	KQY	300,450,600	PG	Pan-American Petro- leum & Transport Co.	Do.
Edward L. Doheny.....	WIE	300,450,600	PG	do.....	Do.
Edward L. Doheny, Junior.	WIJ	300,450,600	PG	do.....	Do.
Edward Luckenbach.....	KGQ	300,450,525, 600	PG	Luckenbach S. S. Co.....	S. O. R. S.
Edward Pierce.....	KMOU	300,600	PG	Crowell & Thurlow S. S. Co.	
Eelbeck.....	KINQ	300,600	PG	U. S. S. B.....	R. C. of A.
Efingham.....	KOLT	300,600	PG	do.....	Do.
Efna.....	KOMT	300,600	PG	do.....	Do.
E. G. Crosby.....	KURS	300,600	PG	Chicago, Racine & Milwaukee S. S. Co.	Do.
Eglantine.....	KOPT	300,500	PG	U. S. S. B.....	S. O. R. S.
Egremont.....	KOQS	300,600	PG	do.....	I. W. T. Co.
E. J. Earling.....	WEI	300,600	PG	Franklin S. S. Co.....	R. C. of A.
El Alba.....	KKL	300,150,600	PG	Southern Pacific Co.....	Owner of vessel.
El Almirante.....	KKG	300,450,600	PG	do.....	R. C. of A.
El Capitan.....	KKH	300,150,600	PG	do.....	Do.
El Capitan.....	WNB	300,450,600	PG	Standard Oil Co. of N. J.	Do.
El Cid.....	KKT	300,450,600	PG	Southern Pacific Co.....	Do.
Eldena.....	KEVG	300,600	PG	U. S. S. B.....	Do.
El Dia.....	KKY	300,450,600	PG	Southern Pacific Co.....	Owner of vessel.
E. L. Dohney, Third.....	WROO	300,500	PG	U. S. S. B.....	
Eldora.....	KELF	300,600	PG	do.....	
Eldorado.....	KMOI	300,600	PG	Western Transport Co. U. S. S. B.	S. O. R. S.
Eldridge.....	KICN	300,600	PG	Russell A. Alger.....	Do.
Elfay.....	KOVQ	300,450,600	PG	North Pacific Sea Products Co.	
Elihu Thomson.....	KEXD	300,500	PG	do.....	Do.
Elinor.....	KVR	300,500	PG	U. S. S. B.....	Do.
Elkborn.....	KOCL	300,600	PG	do.....	R. C. of A.
Elkridge.....	KISG	300,600	PG	do.....	Do.
Elkton.....	KOFK	300,600	PG	do.....	I. W. T. Co.
Elkwater.....	KILS	300,600	PG	do.....	
Elmsport.....	KILF	300,600	PG	do.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
El Mundo.....	KKU	300,450,600	PG	Southern Pacific Co...	R. C. of A.
El Norte.....	KKN	300,450,600	PG	do.....	Do.
El Occidente.....	KKX	300,600	PG	do.....	I. W. T. Co.
El Oriente.....	KKV	300,450,600	PG	do.....	R. C. of A.
El Rio.....	KKZ	300,450,600	PG	do.....	Do.
El Segundo.....	WTQ	300,600	PG	Standard Oil Co. of Calif.	Do.
El Siglo.....	KKS	300,450,600	PG	Southern Pacific Co...	Owner of vessel.
El Sol.....	KKB	300,450,600	PG	do.....	R. C. of A.
El Sud.....	KKQ	300,450,600	PG	do.....	Do.
El Valle.....	KKW	300,450,600	PG	do.....	Do.
Endicott.....	KODN	300,600	PG	U. S. S. B.....	S. O. R. S.
Englewood.....	WGAA	300,600	PG	do.....	Do.
Ensley City.....	KUZS	300,600	PG	U. S. Steel Products Co.	Do.
Enterprise.....	WMN	300,450,600	PG	Matson Navigation Co.	R. C. of A.
Eocene.....	KTM	300,600	PG	Standard Oil Co. of N. Y.	Owner of vessel.
Epitacio Pessoa.....	KOCC	300,600	PG	U. S. S. B.....	I. W. T. Co.
Ernest H. Meyer.....	WMJ	300,600	PG	Broughton & Wiggins Nav. Co.	R. C. of A.
E. R. Sterling.....	WIS	300,565,600	PG	Sterling Ship Co.....	Owner of vessel.
Escambia.....	KOGK	300,600	PG	U. S. S. B.....	S. O. R. S.
Esopus.....	KETF	300,600	PG	do.....	Do.
Esparta.....	KDO	300,450,600	PG	United Fruit Co.....	T. R. T. Co.
Espananza.....	KWZ	300,450,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Essex.....	KQE	300,150,600	PG	Merchants & Miners Transpn. Co.	Do.
Ethan Allen.....	KUJQ	300,600	PG	U. S. S. B.....	S. O. R. S.
Ethelmutte.....	KEMB	300,600	PG	do.....	Do.
Eurana.....	KJG	300,600	PG	Green Star S. S. Corp.	R. C. of A.
Evangeline.....	KII	300,600	PG	James W. Elwell & Co.	Do.
Evansville.....	KIKT	300,600	PG	U. S. S. B.....	I. W. T. Co.
Evelyn.....	KZP	300,600	PG	A. H. Bull S. S. Co.....	Do.
Everett.....	KZT	300,600	PG	New England Fuel & Transpn. Co.	R. C. of A.
Everett.....	KUQR	300,600	PG	Charles R. McCormick & Co.	Owner of vessel.
Everglades.....	WQEE	300,600	PG	U. S. S. B.....	R. C. of A.
Evergreen City.....	KUNJ	300,600	PG	do.....	I. W. T. Co.
Excelsior.....	KKO	300,450,600	PG	Southern Pacific Co.....	R. C. of A.
Explorer.....	KIVN	300,600	PG	U. S. S. B.....	Do.
Eyota.....	KKII	300,600	PG	do.....	I. W. T. Co.
Fairmont.....	KXT	300,600	PG	Coastwise Transportation Co.	R. C. of A.
Fair Oaks.....	WSM	300,600	PG	Oriental Navigation Corp.	Do.
Faith.....	KJOA	300,600	PG	San Francisco S. B. Co.	Owner of vessel.
Falmouth.....	WKOE	300,600	PG	U. S. S. B.....	I. W. T. Co.
Fame.....	KEDL	300,600	PG	do.....	S. O. R. S.
Faraby.....	KEJV	300,600	PG	do.....	Do.
Fargo.....	KONL	300,600	PG	do.....	R. C. of A.
Farnam.....	KQIE	300,600	PG	do.....	I. W. T. Co.
Fassett.....	KMUO	300,600	PG	do.....	R. C. of A.
Favorite.....	KIFG	300,600	PG	Great Lakes Towing Co.	Do.
Favorite.....	WCF	300,600	PG	U. S. S. B.....	Do.
Fayette Brown.....	WQG	300,600	PG	Harvey H. Brown & Co.	Do.
F. B. Squire.....	WFO	300,600	PG	Jenkins S. S. Co.....	Do.
F. D. Asche.....	KSUA	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Federal.....	WDOO	300,600	PG	U. S. S. B.....	S. O. R. S.
Federal Bridge.....	KOCN	300,450,600	PG	do.....	Do.
Felix Taussig.....	KNZ	300,600	PG	Crowell & Thurlow S. S. Co.	Do.
Feltore.....	KFG	300,450,600	PG	Ore S. S. Corp.....	R. C. of A.
Fernandina.....	WTIA	300,600	PG	U. S. S. B.....	Do.
Finback.....	KEMQ	300,600	PG	American Arctic Corp.	Do.
Finland.....	KSF	300,600	PG	International Mercantile Marine Co.	I. W. T. Co.
Firmore.....	KDN	300,450,600	PG	Ore S. S. Corp.....	R. C. of A.
Firthcliffe.....	KITF	300,600	PG	U. S. S. B.....	S. O. R. S.
Fish Cannerns No. 1.....	KDAK	300,600	PG	Fish Cannerns Co.....	Do.
Fishers Island.....	KUPZ	300,600	PG	U. S. S. B.....	Do.
Fish Hawk.....	WKIA	300,600	PG	Fishhawk Co.....	Owner of vessel.
Fishkill.....	KULF	300,600	PG	U. S. S. B.....	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
F. J. Luckenbach.....	WNZ	300, 450, 525, 600	PG	Luckenbach S. S. Co..	S. O. R. S.
Flavel.....	WQUI	300, 600	PG	U. S. S. B.....	Do.
Florence Luckenbach.....	WNM	300, 600	PG	Luckenbach S. S. Co..	Do.
Florence Olson.....	WPK	300, 600	PG	Oliver J. Olson.....	R. C. of A.
Florida.....	KUS	300, 450, 600	PG	Texas Co.....	Do.
Florida.....	WJJ	300, 600	PG	Goodrich Transit Co..	Do.
Floridian.....	WLR	300, 450, 600	PG	American-Hawaiian S. S. Co.	
Flour Spar.....	KIQX	300, 600	PG	U. S. S. B.....	Do.
Folsom.....	WQOO	300, 600	PG	do.....	Do.
Fonduco.....	KNUA	300, 600	PG	do.....	S. O. R. S.
Fordanian.....	KRU	300, 600	PG	American-Mediterranean S. S. Co.	R. C. of A.
Forster.....	KKIE	300, 600	PG	U. S. S. B.....	S. O. R. S.
Fort Armstrong.....	KUKF	300, 600	PG	do.....	Do.
Fort Bragg.....	WLH	300, 600	PG	Charles H. Higgins.....	
Fort George.....	KBIA	300, 600	PG	U. S. S. B.....	R. C. of A.
Fort Harrison.....	WNOI	300, 600	PG	do.....	
Fort Leavenworth.....	KEFB	300, 600	PG	do.....	I. W. T. Co.
Fort Logan.....	KIQJ	300, 600	PG	do.....	S. O. R. S.
Fort Pierce.....	WJUA	300, 600	PG	do.....	
Fort Pitt Bridge.....	KWB	300, 600	PG	do.....	I. W. T. Co.
Fort Riley.....	WNOE	300, 600	PG	do.....	R. C. of A.
Fort Russell.....	WNOU	300, 600	PG	do.....	S. O. R. S.
Fort Scott.....	KEBJ	300, 600	PG	do.....	R. C. of A.
Fort Seward.....	KEVJ	300, 600	PG	do.....	Do.
Fort Bill.....	KEBL	300, 600	PG	do.....	S. O. R. S.
Fort Smith.....	KEBK	300, 600	PG	do.....	R. C. of A.
Fort Snelling.....	WNOO	300, 600	PG	do.....	S. O. R. S.
Fort Stevens.....	KEBG	300, 600	PG	do.....	R. C. of A.
Fort Wayne.....	WDOU	300, 600	PG	do.....	Do.
Fort Worth.....	KLD	300, 600	PG	do.....	
Fort Wright.....	KTEO	300, 600	PG	do.....	Do.
Fourth Alabama.....	KIXJ	300, 600	PG	do.....	Do.
F. Q. Barstow.....	KNQ	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.
Frank H. Buck.....	WTO	300, 600, 1800	PG	Associated Oil Co.....	F. T. Co.
Franklin.....	WFF	300, 450, 600	PG	Coastwise Transportation Co.	R. C. of A.
Franklin County.....	KOTV	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Fred Baxter.....	WOG	300, 600	PG	Fred Baxter S. S. Co..	Owner of vessel.
Frederic R. Kellogg.....	WIQ	300, 600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
Fred'k Luckenbach.....	KGV	300, 600	PG	Luckenbach S. S. Co..	S. O. R. S.
Fred W. Weller.....	KNY	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Freedom.....	KFW	300, 600	PG	U. S. S. B.....	Do.
Freeman.....	WMM	300, 600	PG	Pocahontas Fuel Co..	Do.
Freeport Sulphur No. 1.....	KRA	300, 600	PG	Freeport Sulphur Transportation Co.	Do.
Freeport Sulphur No. 2.....	KRG	300, 600	PG	do.....	Do.
Freeport Sulphur No. 5.....	KUMK	300, 600	PG	do.....	Do.
Freeport Sulphur No. 6.....	KUNP	300, 600	PG	do.....	Do.
Fresno.....	KTIO	300, 600	PG	U. S. S. B.....	Do.
Frieda.....	KFF	300, 440, 525, 600	PG	Union Sulphur Co.....	S. O. R. S.
Fueloil.....	KUQB	300, 600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
Gaffney.....	KICR	300, 600	PG	U. S. S. B.....	S. O. R. S.
G. A. Flagg.....	WZEI	300, 600	PG	Boland & Cornelius S. S. Corp.	I. W. T. Co.
Galahad.....	KEQR	300, 600	PG	U. S. S. B.....	Do.
Galesburg.....	WGAE	300, 600	PG	do.....	
Ganerl.....	KERL	300, 600	PG	do.....	
Garfield.....	WQOE	300, 600	PG	Grace S. S. Co.....	
Gargoyle.....	KRK	300, 450, 600	PG	Union Petroleum S. S. Co.	R. C. of A.
Garibaldi.....	KROU	300, 600	PG	U. S. S. B.....	Do.
Gene Crawley.....	KQF	300, 600	PG	Sinclair Gulf Corp.....	Do.
General G. W. Goethals.....	KMZ	300, 600	PG	Panama R. R. Co.....	Owner of vessel.
General H. F. Hodges.....	KPG	300, 600	PG	do.....	Do.
General O. H. Ernst.....	KPF	300, 600	PG	do.....	Do.
General W. C. Gorgas.....	KIP	300, 600	PG	do.....	Do.
Genesee.....	KIDL	300, 450, 600	PG	W. K. Vanderbilt, jr..	Do.
George B. MacKenzie.....	KUNT	300, 600	PG	American Bauxite Co.	R. C. of A.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
George E. Paddleford.....	WIV	300,450,600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
George G. Henry.....	WIT	300,600	PG	do.	Do.
Geo. H. Jones.....	KIPS	300,600	PG	Standard Oil Co. of N. J.	Do.
George W. Barnes.....	KMUI	300,600	PG	Pan-American Petroleum & Transport Co.	Do.
Georgia.....	KUR	300,450,600	PG	Texas Co.	I. W. T. Co.
Georgia.....	WFA	300,600	PG	Goodrich Transit Co.	R. C. of A.
Georgina Rolph.....	KETX	300,600	PG	Rolph Navigation & Coal Co.	Owner of vessel.
Glendola.....	KFAI	300,600	PG	U. S. S. B.	R. C. of A.
Glendoyie.....	KFAO	300,600	PG	do.	I. W. T. Co.
Glenpool.....	KOH	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Glen Ridge.....	KIRZ	300,600	PG	U. S. S. B.	Do.
Glen White.....	KSIE.	300,600	PG	Castner, Curran & Bullitt.	Do.
Glorieta.....	KJO	300,450,600	PG	Munista S. S. Corp.	Do.
Gloucester.....	KQG	300,450,600	PG	Merchants & Miners Transportation Co.	I. W. T. Co.
Glymont.....	KEXZ	300,450,600	PG	U. S. S. B.	R. C. of A.
Glyndon.....	KEZQ	300,600	PG	Glyndon S. S. Corp.	Do.
Gold Shell.....	WIB	300,450,600	PG	Gold Shell S. S. Co.	Do.
Gonzalis.....	KOBQ	300,600	PG	U. S. S. B.	Do.
Goodspeed.....	WKEO	300,600	PG	do.	I. W. T. Co.
Goree.....	WLIH	300,600	PG	do.	Do.
Governor.....	WGR	300,450,600	PG	Pacific S. S. Co.	R. C. of A.
Governor Brooks.....	KPZ	300,450,600	PG	France & Canada S. S. Corp.	Do.
Governor Cobb.....	KRB	300,600	PG	Eastern S. S. Lines.	Do.
Governor Dingley.....	KRV	300,600	PG	do.	Do.
Governor John Lind.....	WREU	300,450,600	PG	U. S. S. B.	I. W. T. Co.
Grand Haven.....	KEXR	300,600	PG	Grand Trunk Car Ferry Line.	R. C. of A.
Gratia.....	KIGP	300,450,600	PG	Gratia Navigation Co.	Do.
Gray Eagle.....	KEZT	300,600	PG	U. S. S. B.	S. O. R. S.
Grayling.....	KEVL	300,600	PG	do.	I. W. T. Co.
Great Falls.....	KUFK	300,600	PG	do.	R. C. of A.
Grebe.....	KUMJ	300,600	PG	East Coast Fisheries Co.	Owner of vessel.
Grecian.....	KQR	300,450,600	PG	Merchants & Miners Transportation Co.	I. W. T. Co.
Greenland.....	KUPG	300,600	PG	U. S. S. B.	S. O. R. S.
Greenwood.....	WLL	300,600	PG	Greenwood S. S. Co.	I. W. T. Co.
Guantanamo.....	KWN	300,450,600	PG	New York & Cuba Mail S. S. Co.	Do.
Guardian.....	WGZ	300,600	PG	Central & South American Teleg. Co.	Owner of vessel
Guardsman.....	KIVX	300,600	PG	U. S. S. B.	I. W. T. Co.
Guaro.....	WJV	300,600	PG	do.	Do.
Guilford.....	KEMF	300,600	PG	do.	S. O. R. S.
Guimba.....	WJIE	300,600	PG	do.	Do.
Gulfoast.....	KUE	300,600	PG	Gulf Refining Co.	R. C. of A.
Gulfand.....	KUD	300,600	PG	do.	I. W. T. Co.
Gulfight.....	KUA	300,600	PG	do.	R. C. of A.
Gulfmaid.....	KUB	300,450,600	PG	do.	Do.
Gulf of Mexico.....	KUC	300,450,600	PG	do.	Do.
Gulfoil.....	KTG	300,600	PG	do.	I. W. T. Co.
Gulfport.....	KREE	300,600	PG	Freeport-Tampico Fuel Oil Transportation Corp.	R. C. of A.
Gulf Queen.....	KVS	300,600	PG	Gulf Refining Co.	I. W. T. Co.
Gulfstream.....	KTB	300,600	PG	do.	Do.
Gulftrade.....	KOVB	300,600	PG	do.	Do.
Gunston Hall.....	KICV	300,600	PG	U. S. S. B.	Do.
Haddon.....	KIRN	300,600	PG	do.	Do.
Hadnot.....	KOGP	300,600	PG	do.	S. O. R. S.
Hagan.....	KOQC	300,600	PG	do.	Do.
Hagood.....	KOQD	300,600	PG	do.	I. W. T. Co.
Hahatonka.....	KUPF	300,600	PG	do.	S. O. R. S.
Hahira.....	KUZC	300,600	PG	do.	Do.
Halcyon.....	KZL	300,450,600	P	Dutree W. Flint.	Owner of vessel.
Haleakala.....	KORL	300,600	PG	U. S. S. B.	I. W. T. Co.
Half Moon.....	KUVX	300,600	PG	do.	Do.
Hamilton.....	KOA	300,450,600	PG	Old Dominion S. S. Co.	R. C. of A.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Hamlin.....	KOJC	300,600	PG	U. S. S. B.....	R. C. of A.
Hampden.....	WKUI	300,600	PG	Coastwise Transportation Co.	Do.
Hampton Roads.....	KESR	300,600	PG	Baltimore Dry Dock & S. B. Co.	
Hancock County.....	KORT	300,600	PG	U. S. S. B.....	
Hanover.....	KOJK	300,600	PG	do.....	I. W. T. Co.
Harish.....	WSIE	300,600	PG	do.....	Do.
Harold Walker.....	WIX	300,450,600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
Harry Farnum.....	KQA	300,450,600	PG	Sinclair Gulf Corp.....	Do.
Harry Luckenbach.....	KIGS	300,600	PG	Luckenbach S. S. Co.....	S. O. R. S.
Harry W. Croft.....	WQF	300,600	PG	Harvey H. Brown & Co.	R. C. of A.
Hartford.....	KOSX	300,600	PG	U. S. S. B.....	I. W. T. Co.
Hartwood.....	KEVR	300,600	PG	Hart-Wood Lumber Co.	Owner of vessel.
Harvey H. Brown.....	WQE	300,600	PG	Castner, Curran & Bullitt.	R. C. of A.
Haslehurst.....	KOXB	300,600	PG	U. S. S. B.....	Do.
Hastnal.....	KUVP	300,600	PG	National Oil Transport Co.	
Hatchie.....	KIVJ	300,600	PG	U. S. S. B.....	S. O. R. S.
Hathaway.....	KODK	300,600	PG	do.....	R. C. of A.
Hatters.....	WNV	300,450,600	PG	do.....	I. W. T. Co.
Hattie Luckenbach.....	WNF	300,600	PG	Luckenbach S. S. Co.....	S. O. R. S.
Haverhill.....	WLUE	300,600	PG	U. S. S. B.....	Do.
Havilah.....	KUIJ	300,450,600	PG	do.....	I. W. T. Co.
Hawaiian.....	WKU	300,600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Hawarden.....	KUPX	300,450,600	PG	U. S. S. B.....	R. C. of A.
Haxtum.....	KUTB	300,600	PG	do.....	Do.
Hayden.....	KUZP	300,600	PG	do.....	Do.
H. C. Cadmus.....	KVT	300,450,600	PG	Neptune Line.....	Do.
H. C. Folger.....	KHS	300,450,600	PG	Atlantic Refining Co.....	Do.
Hefron.....	WBAI	300,600	PG	U. S. S. B.....	S. O. R. S.
Hegira.....	KIDF	300,600	PG	do.....	R. C. of A.
Heien.....	KZH	300,600	PG	Bull Insular S. S. Co.....	I. W. T. Co.
Henry Clay.....	KESZ	300,600	PG	U. S. S. B.....	Do.
Henry County.....	KOMS	300,450,600	PG	American S. B. Co.....	Do.
Henry J. Biddle.....	WOW	300,600	PG	California & Hawaiian Sugar Refining Co.	Owner of vessel.
Henry M. Flagler.....	KOX	300,600	PG	Florida East Coast Car Ferry Co.	R. C. of A.
Henry R. Mallory.....	KEF	300,450,600	PG	Mallory S. S. Co.....	I. W. T. Co.
Henry Steers.....	KURR	300,450,600	PG	U. S. S. B.....	S. O. R. S.
Herbert G. Wylie.....	WIF	300,450,600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
Herbert L. Pratt.....	KOY	300,600	PG	Atlantic Refining Co.....	Do.
Hercules.....	KOCT	300,600	PG	Rolph Navigation & Coal Co.	
Heredia.....	KDH	300,600	PG	United Fruit Co.....	T. R. T. Co.
Herman Winter.....	WDAO	300,600	PG	Eastern S. S. Lines.....	R. C. of A.
Hermosa.....	WBP	300,500,600	PR	Wilmington Transportation Co.	Do.
Heron.....	KUDF	300,600	PG	East Coast Fisheries Co.	Owner of vessel.
Hewitt.....	KIL	300,600	PG	Union Sulphur Co.....	S. O. R. S.
H. F. Dimock.....	KEN	300,450,600	PG	Eastern S. S. Lines.....	R. C. of A.
H. H. Rogers.....	KSI	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Hickman.....	WFOA	300,600	PG	U. S. S. B.....	Do.
Hico.....	KECK	300,600	PG	do.....	Do.
Hilgho.....	KUBV	300,600	PG	do.....	Do.
Hillsborough County.....	KIBK	300,600	PG	do.....	S. O. R. S.
Hilton.....	KZK	300,600	PG	A. H. Bull S. S. Co.....	I. W. T. Co.
Himoto.....	KILC	300,600	PG	U. S. S. B.....	R. C. of A.
Hinckley.....	KURB	300,600	PG	do.....	S. O. R. S.
Hisko.....	QWD	300,600	PG	do.....	R. C. of A.
H. M. Flagler.....	KER	300,450,600	PG	Standard Oil Co. of N. J.	Do.
H. M. Whitney.....	WPV	300,600	PG	Whitney S. S. Co.....	
Hog Island.....	KODV	300,600	PG	U. S. S. B.....	R. C. of A.
Hohak.....	WJAE	300,600	PG	do.....	S. O. R. S.
Holbrook.....	WQII	300,600	PG	do.....	Do.
Holden Evans.....	KMY	300,450,600	PG	Holden Evans S. S. Co.	R. C. of A.
Hollywood.....	WKH	300,440,525	PG	Hollywood S. S. Co.....	

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Holyoke Bridge.....	KUCJ	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Homer.....	KUMG	300, 600	PG	D. J. Hanlon.....	Do.
Honestead.....	KEKR	300, 600	PG	U. S. S. B.....	S. O. R. S.
Honedaga.....	KUXZ	300, 600	PG	do.....	Do.
Honolulu.....	WMZ	300, 600	PG	do.....	R. C. of A.
Hoosac.....	WQAU	300, 600	PG	do.....	Do.
Horace X. Baxter.....	WOF	300, 600	PG	Horace X. Baxter S. S. Co.....	Do.
Horado.....	KECT	300, 600	PG	U. S. S. B.....	Do.
Houma.....	WTUO	300, 600	PG	do.....	I. W. T. Co.
Hoven.....	KEXV	300, 600	PG	do.....	Do.
Howard.....	KQH	300, 450, 600	PG	do.....	Do.
Howick Hall.....	KLT	300, 600	PG	Merchants & Miners Transportation Co. U. S. Steel Products Co.....	R. C. of A.
Hoxbar.....	KIJQ	300, 600	PG	U. S. S. B.....	S. O. R. S.
Hoxie.....	KEMK	300, 600	PG	do.....	Do.
Hugoton.....	KIQR	300, 600	PG	do.....	R. C. of A.
Huguenot.....	KIVQ	300, 600	PG	do.....	Do.
Hukey.....	KIFC	300, 600	PG	do.....	I. W. T. Co.
Hulaco.....	KODQ	300, 600	PG	do.....	R. C. of A.
Hulver.....	KIGD	300, 600	PG	do.....	I. W. T. Co.
Humaconna.....	KIGC	300, 600	PG	do.....	S. O. R. S.
Humboldt.....	WHX	300, 600	PG	James Jerome.....	R. C. of A.
Humrick.....	KIFN	300, 450, 600	PG	U. S. S. B.....	Do.
Huron.....	KVH	300, 450, 600	PG	Clyde S. S. Co.....	I. W. T. Co.
Huron.....	KUSD	300, 450, 600	PG	U. S. S. B.....	R. C. of A.
Hutchinson.....	KUJP	300, 600	PG	do.....	Do.
Hyades.....	WMK	300, 450, 600	PG	Matson Navigation Co.....	Do.
Hyannis.....	KINC	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Ice King.....	KJUA	300, 600	PG	do.....	Do.
Iceland.....	KOKK	300, 600	PG	do.....	S. O. R. S.
Iconium.....	WQUO	300, 600	PG	do.....	Do.
Ida.....	WLV	300, 450, 600	PG	do.....	R. C. of A.
Idaho.....	WOO	300, 600	PG	Henry Wilson.....	Do.
I. D. Fletcher.....	KFI	300, 600	PG	Coast Transit Co.....	Do.
I. J. Merritt.....	KOVZ	300, 600	PG	Merritt & Chapman Derrick & Wrecking Co.....	Do.
Illinois.....	WCZ	300, 600	PG	Northern Michigan Transpn. Co.....	Do.
Imlay.....	KIZV	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Imufka.....	KEDS	300, 600	PG	do.....	Do.
Inco No. 1.....	WQA	300, 450, 600	PG	Inland Navigation Co.....	R. C. of A.
Independence.....	WJFO	300, 600	PG	U. S. S. B.....	Do.
Independent Bridge.....	KOGB	300, 600	PG	do.....	S. O. R. S.
Indiana.....	WFC	300, 600	PG	Goodrich Transit Co.....	R. C. of A.
Indiana Bridge.....	KOND	300, 600	PG	U. S. S. B.....	Do.
Indiana Harbor.....	KUBS	300, 600	PG	do.....	I. W. T. Co.
Indianapolis.....	WROE	300, 600	PG	do.....	Do.
Ingold.....	WLUI	300, 600	PG	do.....	Do.
Innok.....	KITJ	300, 600	PG	do.....	R. C. of A.
Inspector.....	KOKR	300, 600	PG	do.....	I. W. T. Co.
Intan.....	KIGK	300, 600	PG	do.....	R. C. of A.
Invincible.....	WCJ	300, 600	PG	do.....	Do.
Iowan.....	WKJ	300, 600	PG	American-Hawaiian S. S. Co.....	Owner of vessel.
Ipswich.....	KILV	300, 600	PG	Shawmut S. S. Co.....	Do.
Iris.....	WOJ	300, 450, 600	PG	U. S. S. B.....	S. O. R. S.
Iroquois.....	KVF	300, 450, 600	PG	Clyde S. S. Co.....	I. W. T. Co.
Iroquois.....	KUTQ	300, 600	PG	Puget Sound Navigation Co.....	R. C. of A.
Irvington.....	KOGQ	300, 600	PG	U. S. S. B.....	Do.
Isaac L. Rice.....	WKK	300, 600	PG	Electric Boat Co.....	Do.
Isabela.....	KGW	300, 600	PG	New York & Porto Rico S. S. Co.....	I. W. T. Co.
Isanti.....	WVEU	300, 600	PG	U. S. S. B.....	Do.
Isonomia.....	KEL	300, 600	PG	do.....	Do.
Issaquena.....	KPIU	300, 600	PG	do.....	R. C. of A.
Italia.....	KUPB	300, 450, 600	PG	Submarine Boat Corp.....	Transmarine Corp.
Itanca.....	WGUE	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Itompa.....	KENR	300, 450, 600	PG	Nacirema S. S. Corp.....	R. C. of A.
J. A. Bostwick.....	KJN	300, 450, 600	PG	Standard Oil Co. of N. J.....	Do.
Jackson.....	KIKC	300, 600	PG	U. S. S. B.....	S. O. R. S.
Jacksonville.....	KOJG	300, 600	PG	do.....	Do.
Jacona.....	WQUU	300, 600	PG	do.....	Do.
Jacox.....	KEML	300, 600	PG	do.....	I. W. T. Co.
Jadden.....	KORM	300, 600	PG	do.....	S. O. R. S.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Jamaica.....	WLB	300, 450, 600	PG	Jamaica Navigation Co.	Owner of vessel.
James McGee.....	KTP	300, 450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
James S. Whitney.....	WPW	300, 600	PG	Acme S. S. Corp.....	Do.
James Timpson.....	WTA	300, 600	PG	Resolved Corp.....	Do.
Jamestown.....	KOC	300, 450, 600	PG	Old Dominion S. S. Co.	Owner of vessel.
J. A. Moffett.....	WRE	300, 600, 1610, 1800	PG	Standard Oil Co. of Calif.	R. C. of A.
Jane Palmer.....	KPY	300, 450, 600	PG	France & Canada S. S. Corp.	Do.
Jason.....	KNJ	300, 600	PG	Jason Navigation Co..	Do.
J. B. Stetson.....	WVUE	300, 600	PG	Pacific Mercantile Marine Co.	Do.
J. C. Donnell.....	WJM	300, 600	PG	Atlantic Refining Co..	Do.
Jean.....	KZJ	300, 600	PG	A. H. Bull S. S. Co...	I. W. T. Co.
Jeannette Skinner.....	WQW	300, 440, 525, 600	PG	U. S. S. B.....	Do.
Jefferson.....	KOD	300, 450, 600	PG	Old Dominion S. S. Co.	R. C. of A.
Jefferson.....	WAI	300, 600	PG	Alaska S. S. Co.....	S. O. R. S.
Jefferson County.....	KIKF	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Jekyl.....	KEBS	300, 600	PG	do.....	Do.
Jennie R. Morse.....	KUNN	300, 600	PG	do.....	Do.
J. E. O'Neil.....	KSB	300, 600	PG	Atlantic Refining Co..	R. C. of A.
J. F. Penrose.....	KUQN	300, 450, 600	PG	National Oil Transport Co.	C. & W. R. C.
Jim Sid.....	KUZD	300, 600	PG	Gulf Barge & Towing Co.	Do.
J. L. Luckenbach.....	KGT	300, 600	PG	Luckenbach S. S. Co..	S. O. R. S.
J. M. Danziger.....	WIW	300, 450, 600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
J. M. Guffey.....	KTF	300, 600	PG	Gulf Refining Co.....	I. W. T. Co.
Joan of Arc.....	KETV	300, 600	PG	Rolph Navigation & Coal Co.	Owner of vessel.
Johanna Smith.....	WHZ	300, 600	PG	Coos Bay Lumber Co..	Do.
John Adams.....	KOSS	300, 600	PG	U. S. S. B.....	R. C. of A.
John D. Rockefeller.....	KTO	300, 600	PG	Standard Oil Co. of N. J.	Do.
John Ena.....	KIRS	300, 600	PG	Robert Dollar Co.....	Do.
John F. Hylan.....	KUSM	300, 600	PG	City of New York, Police Department.	Owner of vessel.
John Jay.....	KUXR	300, 600	PG	U. S. S. B.....	I. W. T. Co.
John M. Connelly.....	KJEI	300, 600	PG	do.....	Do.
John P. Reiss.....	KUTM	300, 600	PG	North American S. S. Co.	R. C. of A.
John R. Gibbons.....	KURL	300, 600	PG	American Bauxite Co..	Do.
John Roach.....	KOSN	300, 600	PG	U. S. S. B.....	Do.
Johnson City.....	KIKD	300, 600	PG	do.....	I. W. T. Co.
John W. Wells.....	KOCR	300, 600	PG	Charles R. McCormick & Co.	Owner of vessel.
Jolee.....	KUVT	300, 600	PG	U. S. S. B.....	Do.
Jomar.....	KUGT	300, 600	PG	do.....	R. C. of A.
Jonancy.....	KSEU	300, 600	PG	Pocahontas Fuel Co..	Do.
Joseph R. Parrott.....	KJP	300, 450, 600	PG	Florida East Coast Car Ferry Co.	Do.
Josiah Macy.....	KEX	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.
J. R. Gordon.....	KOML	300, 600	PG	Union Sulphur Co....	S. O. R. S.
Julia Luckenbach.....	KGZ	300, 450, 525, 600	PG	Luckenbach S. S. Co..	Do.
Juneau.....	WAM	300, 550, 600	PG	Alaska S. S. Co.....	Do.
Juniata.....	KQJ	300, 450, 600	PG	Merchants & Miners Transpn. Co.	I. W. T. Co.
Juniata.....	WCB	300, 600	PG	Great Lakes Transit Corp.	R. C. of A.
Juvigny.....	KUQX	300, 600	PG	Independent S. S. Co..	Do.
J. W. Van Dyke.....	KHR	300, 450, 600	PG	Atlantic Refining Co..	Do.
Kaleen.....	KOKV	300, 600	PG	U. S. S. B.....	Do.
Kamchatka.....	KUJG	300, 450, 600	PG	C. L. Hibbard.....	Do.
Kamesit.....	KEDG	300, 600	PG	U. S. S. B.....	S. O. R. S.
Kanabec.....	WMII	300, 600	PG	Kanabec S. S. Co....	R. C. of A.
Kanak.....	KOT	300, 400, 600	PG	Alaska Packers Assn..	Owner of vessel.
Kanakee.....	WVUU	300, 600	PG	U. S. S. B.....	S. O. R. S.
Kanawha.....	KYA	300, 600	PG	John Borden.....	Owner of vessel.
Kangi.....	WRUA	300, 600	PG	U. S. S. B.....	S. O. R. S.
Karina.....	KYR	300, 600	P	France & Canada S. S. Co.	Do.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Kasota.....	KPAO	300, 600	PG	U. S. S. B.	R. C. of A.
Katherine.....	KIZK	300, 450, 600	PG	Philippine Vegetable Oil Co.	Do.
Katia.....	KZUA	300, 600	PG	Katia S. S. Corp.	S. O. R. S.
Katonah.....	KERD	300, 600	PG	U. S. S. B.	Do.
Katrina Luckenbach.....	KWU	300, 600	PG	Luckenbach S. S. Co.	R. C. of A.
Kaweah.....	KOKL	300, 600	PG	U. S. S. B.	I. W. T. Co.
Kayseeka.....	KOQZ	300, 600	PG	do.	S. O. R. S.
Keary.....	KOPR	300, 600	PG	do.	I. W. T. Co.
Kehuku.....	KUPV	300, 450, 600	PG	do.	Do.
Keketticut.....	KZEA	300, 600	PG	do.	S. O. R. S.
Kenosha.....	KPIA	300, 600	PG	do.	R. C. of A.
Kenowis.....	KOSV	300, 600	PG	do.	Owner of vessel.
Kentuckian.....	WKE	300, 600	PG	American - Hawaiian S. S. Co.	S. O. R. S.
Keota.....	WXAU	300, 600	PG	U. S. S. B.	R. C. of A.
Keresan.....	WJC	300, 600	PG	Kerr Navigation Corp.	Do.
Keresaspa.....	KQI	300, 600	PG	American Ship & Commerce Navigation Corp.	Do.
Kerhonkson.....	KUJF	300, 600	PG	U. S. S. B.	Do.
Kerkenna.....	WPI	300, 600	PG	Kerr Navigation Corp.	Do.
Kerlew.....	KQP	300, 600	PG	do.	Do.
Kermanshah.....	KLX	300, 450, 600	PG	do.	Do.
Kermit.....	WMV	300, 600	PG	U. S. S. B.	Do.
Kermoor.....	WJB	300, 600	PG	Kerr Navigation Corp.	Do.
Kerowlee.....	WGW	300, 600	PG	American Ship & Commerce Navigation Corp.	Do.
Kershaw.....	KQK	300, 450, 600	PG	Merchants & Miners Transpn. Co.	I. W. T. Co.
Keshena.....	KITR	300, 600	PG	U. S. S. B.	S. O. R. S.
Ketchikan.....	WAE	300, 600	PG	Alaska S. S. Co.	Do.
Kewanee.....	KIVO	300, 600	PG	U. S. S. B.	Do.
Kickapoo.....	KVEO	300, 600	PG	do.	Owner of vessel.
Kilkenny.....	KKI	300, 450, 600	PG	Department of Commerce.	S. O. R. S.
K. I. Luckenbach.....	KHY	300, 600	PG	Luckenbach S. S. Corp.	I. W. T. Co.
Kimta.....	KIFS	300, 600	PG	U. S. S. B.	R. C. of A.
Kineo.....	KPUI	300, 600	PG	do.	Owner of vessel.
Kingfisher.....	KMAO	300, 600	PG	East Coast Fisheries Co.	Do.
Kingfisher.....	KOQR	300, 600	PG	Kingfisher Co.	Do.
Kiokee.....	KITS	300, 600	PG	U. S. S. B.	Do.
Kiowa.....	KRL	300, 600	PG	Atlantic, Gulf & West Indies S. S. Lines.	S. O. R. S.
Kiron.....	KITT	300, 600	PG	U. S. S. B.	R. C. of A.
Kishacoquillas.....	KIFJ	300, 600	PG	do.	S. O. R. S.
Kisnop.....	KIJK	300, 600	PG	do.	R. C. of A.
Kitchi.....	KITV	300, 600	PG	do.	S. O. R. S.
Kittegaun.....	KITG	300, 600	PG	do.	R. C. of A.
Klamath.....	WMOU	300, 600	PG	do.	Do.
Klamath.....	WSX	300, 600	PG	Klamath S. S. Co.	S. O. R. S.
Knoxville.....	KIJN	300, 600	PG	U. S. S. B.	R. C. of A.
Kokomo.....	KEJB	300, 600	PG	do.	S. O. R. S.
Kolda.....	KOKX	300, 600	PG	do.	R. C. of A.
Kootenai.....	KOGF	300, 450, 600	PG	do.	Do.
Kosciuszko.....	KZUE	300, 600	PG	do.	Do.
Krakow.....	WJH	300, 450, 600	PG	do.	Do.
Kroonland.....	KSH	300, 600	PG	International Mercantile Marine Co.	I. W. T. Co.
Kusdeca.....	WGUO	300, 600	PG	U. S. S. B.	S. O. R. S.
Kuwa.....	WCEE	300, 400, 600	PG	do.	I. W. T. Co.
Kvichak.....	WNS	300, 400, 600	PG	Alaska Packers Assn.	Owner of vessel.
Labette.....	KIZX	300, 600	PG	U. S. S. B.	S. O. R. S.
Laborer.....	KIST	300, 600	PG	do.	I. W. T. Co.
La Brea.....	WON	300, 600, 1, 800	PG	Union Oil Co.	F. T. Co.
Lackawanna.....	KOP	300, 450, 600	PG	Lackawanna S. S. Co.	R. C. of A.
Lackawanna Bridge.....	KOGC	300, 600	PG	U. S. S. B.	Do.
Lackawanna Valley.....	KIXD	300, 600	PG	do.	Do.
La Crosse.....	KONM	300, 600	PG	do.	Do.
Lafcom.....	KIXK	300, 600	PG	do.	S. O. R. S.
La Forge.....	WGAU	300, 600	PG	do.	I. W. T. Co.
Lake Agomak.....	KZEU	300, 600	PG	do.	S. O. R. S.
Lake Akkra.....	KVUE	300, 600	PG	do.	I. W. T. Co.
Lake Allen.....	KLEI	300, 600	PG	do.	R. C. of A.
Lake Alvada.....	KXAA	300, 600	PG	do.	Do.
Lake Annette.....	KROE	300, 450, 600	PG	do.	S. O. R. S.
Lake Arline.....	KZOE	300, 600	PG	do.	I. W. T. Co.
Lake Arthur.....	WFL	300, 600	PG	do.	R. C. of A.
Lake Aurice.....	KZIA	300, 600	PG	do.	Do.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Lake Beacon.....	WTAA	300, 450, 600	PG	U. S. S. B.....	R. C. of A.
Lake Belzona.....	KZII	300, 600	PG	do.....	Do.
Lake Benbow.....	KVAE	300, 600	PG	do.....	I. W. T. Co.
Lake Benton.....	KSIU	300, 600	PG	do.....	Do.
Lake Berdan.....	KZEE	300, 600	PG	do.....	Do.
Lake Blanchester.....	KTIU	300, 600	PG	do.....	S. O. R. S.
Lake Bledsoe.....	KTUE	300, 600	PG	do.....	Do.
Lake Bridge.....	KBAI	300, 600	PG	do.....	I. W. T. Co.
Lake Buckeye.....	WSEU	300, 600	PG	do.....	R. C. of A.
Lake Butler.....	WFN	300, 600	PG	do.....	Do.
Lake Cahoon.....	WKEE	300, 600	PG	do.....	I. W. T. Co.
Lake Calistoga.....	KXIU	300, 600	PG	do.....	S. O. R. S.
Lake Callicoon.....	WNAO	300, 450, 600	PG	do.....	Do.
Lake Canaveral.....	KIDS	300, 600	PG	do.....	Do.
Lake Candelaria.....	KIJB	300, 600	PG	do.....	Do.
Lake Cannonsburg.....	KIMV	300, 600	PG	do.....	Do.
Lake Capens.....	KLUA	300, 600	PG	do.....	I. W. T. Co.
Lake Cathoon.....	WLEO	300, 600	PG	do.....	R. C. of A.
Lake Catherine.....	KSHI	300, 600	PG	do.....	S. O. R. S.
Lake Cayuga.....	KLUI	300, 450, 600	PG	do.....	R. C. of A.
Lake Charles.....	KHW	300, 600	PG	do.....	S. O. R. S.
Lake Charlotte.....	KQEO	300, 600	PG	do.....	I. W. T. Co.
Lake Charlottesville.....	WNEA	300, 600	PG	do.....	R. C. of A.
Lake Chelan.....	KQUO	300, 600	PG	do.....	S. O. R. S.
Lake Clear.....	KLEO	300, 600	PG	do.....	Do.
Lake Como.....	KLIE	300, 600	PG	do.....	Do.
Lake Conesus.....	KSAO	300, 600	PG	do.....	Do.
Lake Copley.....	WKAU	300, 600	PG	do.....	R. C. of A.
Lake Crescent.....	WAP	300, 600	PG	do.....	I. W. T. Co.
Lake Crystal.....	KLAO	300, 600	PG	do.....	R. C. of A.
Lake Dancy.....	KZEO	300, 600	PG	do.....	I. W. T. Co.
Lake Daraga.....	KRIA	300, 600	PG	do.....	S. O. R. S.
Lake Delancey.....	KXAE	300, 450, 600	PG	do.....	R. C. of A.
Lake Desha.....	WTAE	300, 600	PG	do.....	Do.
Lake Deval.....	WKEA	300, 600	PG	do.....	S. O. R. S.
Lake Duncan.....	KSOO	300, 600	PG	do.....	I. W. T. Co.
Lake Dunmore.....	KBEI	300, 600	PG	do.....	R. C. of A.
Lake Dymmer.....	KZEI	300, 600	PG	do.....	I. W. T. Co.
Lake Eckhart.....	KSOE	300, 600	PG	do.....	S. O. R. S.
Lake Eliko.....	KTAI	300, 600	PG	do.....	Do.
Lake Elizabeth.....	WOP	300, 600	PG	do.....	Do.
Lake Elkwater.....	KEPM	300, 600	PG	do.....	Do.
Lake Elkwood.....	KENP	300, 600	PG	do.....	Do.
Lake Ellendale.....	KEPN	300, 600	PG	do.....	I. W. T. Co.
Lake Ellenorah.....	KEPP	300, 600	PG	do.....	S. O. R. S.
Lake Ellerslie.....	KEQM	300, 600	PG	do.....	I. W. T. Co.
Lake Ellicott.....	KEQN	300, 600	PG	do.....	Do.
Lake Ellijay.....	KOBI	300, 600	PG	do.....	S. O. R. S.
Lake Ellithorpe.....	KOFM	300, 600	PG	do.....	I. W. T. Co.
Lake Ellsbury.....	KOPF	300, 600	PG	do.....	R. C. of A.
Lake Ellsworth.....	KOCZ	300, 600	PG	do.....	S. O. R. S.
Lake Elmdale.....	KOLR	300, 600	PG	do.....	R. C. of A.
Lake Elmhurst.....	KOFQ	300, 600	PG	do.....	Do.
Lake Elmont.....	KOQG	300, 600	PG	do.....	S. O. R. S.
Lake Elmsford.....	KOVG	300, 600	PG	do.....	Do.
Lake Elmwood.....	KOZT	300, 450, 600	PG	do.....	Do.
Lake Elon.....	KOBZ	300, 600	PG	do.....	Do.
Lake Elpueblo.....	KOFV	300, 600	PG	do.....	R. C. of A.
Lake Elrio.....	KOKQ	300, 600	PG	do.....	Do.
Lake Elisah.....	KOSR	300, 450, 600	PG	do.....	S. O. R. S.
Lake Elsinore.....	KRII	300, 600	PG	do.....	Do.
Lake Elsmere.....	KONT	300, 450, 600	PG	do.....	I. W. T. Co.
Lake Elva.....	KUBR	300, 450, 600	PG	do.....	Do.
Lake Elwin.....	KUDM	300, 450, 600	PG	do.....	S. O. R. S.
Lake Ennis.....	KLUO	300, 600	PG	do.....	R. C. of A.
Lake Fablus.....	KIPQ	300, 600	PG	do.....	I. W. T. Co.
Lake Fabyan.....	KINJ	300, 600	PG	do.....	Do.
Lake Fackler.....	KIQP	300, 600	PG	do.....	Do.
Lake Fagundus.....	KISN	300, 600	PG	do.....	S. O. R. S.
Lake Fairfax.....	KIRV	300, 600	PG	do.....	I. W. T. Co.
Lake Fairlie.....	KISP	300, 600	PG	do.....	Do.
Lake Fairport.....	KOGR	300, 600	PG	do.....	Do.
Lake Falama.....	KITB	300, 600	PG	do.....	S. O. R. S.
Lake Falun.....	KOTB	300, 600	PG	do.....	Do.
Lake Fanbush.....	KEJN	300, 600	PG	do.....	Do.
Lake Fandango.....	KOVL	300, 600	PG	do.....	Do.
Lake Fandon.....	KOVS	300, 600	PG	do.....	Do.
Lake Fannin.....	KECN	300, 600	PG	do.....	I. W. T. Co.
Lake Fanquier.....	KEKN	300, 600	PG	do.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Lake Fansdale.....	KEKM	300,600	PG	U. S. S. B	S. O. R. S.
Lake Farabee.....	KEBP	300,600	PG	do.	R. C. of A.
Lake Farber.....	KIRB	300,600	PG	do.	S. O. R. S.
Lake Farresman.....	KEVZ	300,600	PG	do.	Do.
Lake Farge.....	WLEA	300,600	PG	do.	I. W. T. Co.
Lake Faribault.....	KEDM	300,600	PG	do.	S. O. R. S.
Lake Faristell.....	WLEE	300,600	PG	do.	I. W. T. Co.
Lake Fariston.....	KEDN	300,600	PG	do.	R. C. of A.
Lake Farley.....	KEDP	300,600	PG	do.	S. O. R. S.
Lake Farlin.....	KIGM	300,600	PG	do.	R. C. of A.
Lake Farmingdale.....	KIPZ	300,600	PG	do.	S. O. R. S.
Lake Farragut.....	KIQN	300,600	PG	do.	R. C. of A.
Lake Farrar.....	KISX	300,600	PG	do.	Do.
Lake Faulk.....	KEJP	300,600	PG	do.	Do.
Lake Favonia.....	KOJP	300,600	PG	do.	I. W. T. Co.
Lake Faxon.....	KOLJ	300,600	PG	do.	R. C. of A.
Lake Fear.....	KIVM	300,600	PG	do.	S. O. R. S.
Lake Felden.....	KOLK	300,450,600	PG	do.	R. C. of A.
Lake Fenn.....	KOTT	300,600	PG	do.	I. W. T. Co.
Lake Feodora.....	KUBT	300,600	PG	do.	Do.
Lake Fernalda.....	KOPB	300,600	PG	do.	Do.
Lake Fernando.....	KELM	300,600	PG	do.	Do.
Lake Fernwood.....	KDEA	300,600	PG	do.	Do.
Lake Ferrona.....	KELN	300,600	PG	do.	S. O. R. S.
Lake Fessenden.....	KELP	300,600	PG	do.	Do.
Lake Festinia.....	KEQP	300,600	PG	do.	R. C. of A.
Lake Festus.....	KERM	300,600	PG	do.	S. O. R. S.
Lake Fibre.....	KERN	300,600	PG	do.	I. W. T. Co.
Lake Fielding.....	KERP	300,600	PG	do.	Do.
Lake Fife.....	KESM	300,600	PG	do.	Do.
Lake Figart.....	KESN	300,600	PG	do.	R. C. of A.
Lake Fighting.....	KESP	300,600	PG	do.	S. O. R. S.
Lake Filbert.....	KONV	300,600	PG	do.	I. W. T. Co.
Lake Fillion.....	KOPV	300,600	PG	do.	S. O. R. S.
Lake Fillmore.....	KUCZ	300,600	PG	do.	Do.
Lake Fiscus.....	KOCG	300,600	PG	do.	R. C. of A.
Lake Fisher.....	KODD	300,600	PG	do.	I. W. T. Co.
Lake Fitch.....	KOJQ	300,450,600	PG	do.	Do.
Lake Fithian.....	KOKZ	300,600	PG	do.	Do.
Lake Flag.....	KUMX	300,600	PG	do.	R. C. of A.
Lake Flagon.....	KIXT	300,600	PG	do.	I. W. T. Co.
Lake Flagstaff.....	KIZM	300,600	PG	do.	Do.
Lake Flambeau.....	KIZN	300,600	PG	do.	Do.
Lake Flanders.....	KOGT	300,600	PG	do.	R. C. of A.
Lake Flatonia.....	KOGS	300,600	PG	do.	S. O. R. S.
Lake Flattery.....	KOMC	300,600	PG	do.	R. C. of A.
Lake Floravista.....	KUFC	300,600	PG	do.	Do.
Lake Florian.....	KUFD	300,600	PG	do.	Do.
Lake Floris.....	KUFF	300,600	PG	do.	Do.
Lake Flournoy.....	KUFG	300,600	PG	do.	Do.
Lake Flovilla.....	KESK	300,600	PG	do.	Do.
Lake Flume.....	KMUU	300,600	PG	do.	S. O. R. S.
Lake Flushing.....	KEBV	300,600	PG	do.	Do.
Lake Fluvanna.....	WLAU	300,600	PG	do.	I. W. T. Co.
Lake Flynus.....	KECV	300,600	PG	do.	S. O. R. S.
Lake Foleroft.....	KEXL	300,600	PG	do.	R. C. of A.
Lake Fonda.....	KEZC	300,600	PG	do.	I. W. T. Co.
Lake Fondulac.....	WSEO	300,600	PG	do.	R. C. of A.
Lake Fontana.....	KEZD	300,600	PG	do.	I. W. T. Co.
Lake Fontanet.....	KEZF	300,600	PG	do.	R. C. of A.
Lake Forkville.....	WLEI	300,600	PG	do.	I. W. T. Co.
Lake Forney.....	WBUU	300,600	PG	do.	Do.
Lake Forsby.....	WCUA	300,600	PG	do.	R. C. of A.
Lake Fossil.....	WCUE	300,600	PG	do.	Do.
Lake Fostoria.....	WPIO	300,600	PG	do.	Do.
Lake Fouche.....	WPIU	300,600	PG	do.	I. W. T. Co.
Lake Foxboro.....	KESB	300,600	PG	do.	R. C. of A.
Lake Foxcraft.....	KEGL	300,600	PG	do.	S. O. R. S.
Lake Fraichur.....	KEJG	300,600	PG	do.	I. W. T. Co.
Lake Fraley.....	KEJJ	300,600	PG	do.	Do.
Lake Frampton.....	WCUI	300,600	PG	do.	R. C. of A.
Lake Frances.....	KTAO	300,600	PG	do.	I. W. T. Co.
Lake Franconia.....	WCUU	300,600	PG	do.	R. C. of A.
Lake Fray.....	WCUU	300,600	PG	do.	S. O. R. S.
Lake Frazee.....	WDUA	300,600	PG	do.	R. C. of A.
Lake Frecks.....	KENT	300,600	PG	do.	Do.
Lake Freeborn.....	WDUI	300,600	PG	do.	S. O. R. S.
Lake Freed.....	WDUO	300,600	PG	do.	R. C. of A.
Lake Freeland.....	WDUU	300,600	PG	do.	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Lake Freezeout.....	WFUA	300,600	PG	U. S. S. B.....	R. C. of A.
Lake Frenchton.....	WFUE	300,600	PG	do.....	Do.
Lake Fresco.....	WNAU	300,450,600	PG	do.....	Do.
Lake Friar.....	KEFN	300,600	PG	do.....	S. O. R. S.
Lake Frio.....	KEFP	300,600	PG	do.....	I. W. T. Co.
Lake Frohna.....	KEGR	300,450,600	PG	do.....	S. O. R. S.
Lake Froloho.....	KEGN	300,600	PG	do.....	I. W. T. Co.
Lake Frugality.....	KEGP	300,600	PG	do.....	R. C. of A.
Lake Frumet.....	KIRJ	300,600	PG	do.....	Do.
Lake Fugard.....	WLEU	300,450,600	PG	do.....	I. W. T. Co.
Lake Furley.....	WMAA	300,600	PG	do.....	Do.
Lake Furlough.....	KEKP	300,600	PG	do.....	R. C. of A.
Lake Furnas.....	KUTV	300,600	PG	do.....	Do.
Lake Gadsden.....	KITP	300,600	PG	do.....	Do.
Lake Gaither.....	KOJZ	300,600	PG	do.....	I. W. T. Co.
Lake Gakona.....	KVOU	300,600	PG	do.....	S. O. R. S.
Lake Galata.....	KOJJ	300,600	PG	do.....	R. C. of A.
Lake Galera.....	KXAI	300,600	PG	do.....	S. O. R. S.
Lake Galewood.....	KOJX	300,600	PG	do.....	Do.
Lake Galien.....	KOJT	300,450,600	PG	do.....	Do.
Lake Galisteo.....	KUGL	300,600	PG	do.....	Do.
Lake Ganado.....	KUMB	300,600	PG	do.....	Do.
Lake Gardner.....	KXEO	300,600	PG	do.....	R. C. of A.
Lake Garza.....	KVOE	300,600	PG	do.....	I. W. T. Co.
Lake Gaspar.....	KVOI	300,450,600	PG	do.....	R. C. of A.
Lake Gazette.....	KIPN	300,600	PG	do.....	Do.
Lake Gebhart.....	KOGV	300,450,600	PG	do.....	Do.
Lake Gedney.....	KVUO	300,600	PG	do.....	S. O. R. S.
Lake Geneva.....	KXUA	300,600	PG	do.....	R. C. of A.
Lake George.....	KBEO	300,600	PG	do.....	I. W. T. Co.
Lake Gera.....	KOKS	300,600	PG	do.....	R. C. of A.
Lake Gert.....	KOMB	300,600	PG	do.....	Do.
Lake Getaway.....	KOIZ	300,600	PG	do.....	Do.
Lake Geyser.....	KULD	300,600	PG	do.....	Do.
Lake Giddings.....	KUCR	300,600	PG	do.....	Do.
Lake Gilboa.....	KEZJ	300,600	PG	do.....	I. W. T. Co.
Lake Gilpen.....	KEZK	300,600	PG	do.....	R. C. of A.
Lake Gilta.....	KEZL	300,600	PG	do.....	Do.
Lake Giltedge.....	KEBM	300,600	PG	do.....	S. O. R. S.
Lake Girardeau.....	KOCS	300,600	PG	do.....	I. W. T. Co.
Lake Girth.....	KEBN	300,600	PG	do.....	Do.
Lake Gitano.....	KECM	300,600	PG	do.....	S. O. R. S.
Lake Glasco.....	KINK	300,600	PG	do.....	Do.
Lake Glaucus.....	KUMV	300,600	PG	do.....	R. C. of A.
Lake Glebe.....	KIBB	300,600	PG	do.....	S. O. R. S.
Lake Glencoe.....	KIGB	300,600	PG	do.....	I. W. T. Co.
Lake Gorin.....	WRIE	300,600	PG	do.....	Do.
Lake Gormanis.....	WVIA	300,600	PG	do.....	Do.
Lake Govan.....	WVIU	300,600	PG	do.....	Do.
Lake Gradan.....	WSUU	300,600	PG	do.....	S. O. R. S.
Lake Grainger.....	KEJK	300,600	PG	do.....	R. C. of A.
Lake Grama.....	KEJL	300,450,600	PG	do.....	Do.
Lake Grampian.....	KEKG	300,600	PG	do.....	Do.
Lake Grampus.....	KEKJ	300,600	PG	do.....	I. W. T. Co.
Lake Granby.....	KIDB	300,600	PG	do.....	Do.
Lake Grandon.....	WLAI	300,600	PG	do.....	Do.
Lake Graphite.....	WZOA	300,600	PG	do.....	Do.
Lake Gratis.....	WZOE	300,600	PG	do.....	R. C. of A.
Lake Grattan.....	WZOI	300,600	PG	do.....	I. W. T. Co.
Lake Gravella.....	WZOO	300,600	PG	do.....	S. O. R. S.
Lake Gravett.....	WZOU	300,600	PG	do.....	R. C. of A.
Lake Gravity.....	WBUA	300,600	PG	do.....	Do.
Lake Greenbrier.....	WBUE	300,600	PG	do.....	S. O. R. S.
Lake Greenwood.....	KTOI	300,600	PG	do.....	Do.
Lake Gretna.....	WBUI	300,600	PG	do.....	R. C. of A.
Lake Grogan.....	WBUE	300,600	PG	do.....	S. O. R. S.
Lake Gunní.....	KUNC	300,600	PG	do.....	R. C. of A.
Lake Haresti.....	KUGN	300,600	PG	do.....	Do.
Lake Harminia.....	KUNB	300,600	PG	do.....	Do.
Lake Harney.....	KGOE	300,600	PG	International Coal Transportation Corp.	Do.
Lake Harris.....	KXAU	300,600	PG	U. S. S. B.....	I. W. T. Co.
Lake Hector.....	KUMZ	300,600	PG	do.....	Do.
Lake Helen.....	KZOI	300,600	PG	do.....	Do.
Lake Hemlock.....	KLOE	300,600	PG	do.....	R. C. of A.
Lake Hewes.....	KVUU	300,600	PG	do.....	S. O. R. S.
Lakehurst.....	KLOI	300,600	PG	do.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Lake Ikatan.....	KUCM	300,600	PG	U. S. S. B.....	
Lake Inaba.....	KEFM	300,600	PG	do.....	R. C. of A.
Lake Indian.....	KZOO	300,600	PG	do.....	S. O. R. S.
Lake Inglenook.....	KOBT	300,500	PG	do.....	
Lake Janet.....	KFD	300,600	PG	do.....	Do.
Lake Jessup.....	KHV	300,600	PG	International Coal Transportation Corp.	
Lake Kyttle.....	WCOU	300,600	PG	U. S. S. B.....	Do.
Lakeland.....	KBOU	300,600	PG	do.....	R. C. of A.
Lakeland.....	WDL	300,600	PG	Tri-State S. S. Co.....	Do.
Lake Larga.....	KMUE	300,600	PG	U. S. S. B.....	S. O. R. S.
Lake Lasang.....	KMUA.	300,600	PG	do.....	R. C. of A.
Lake Ledan.....	KTUA	300,600	PG	do.....	S. O. R. S.
Lake Lemando.....	WCIO	300,500	PG	do.....	I. W. T. Co.
Lake Lesa.....	KNOU	300,600	PG	do.....	S. O. R. S.
Lake Licoco.....	WTAO	300,600	PG	do.....	Do.
Lake Lida.....	KLOO	300,600	PG	do.....	R. C. of A.
Lake Liliusun.....	KZIO	300,600	PG	do.....	S. O. R. S.
Lake Lillian.....	KXUI	300,600	PG	International Coal Transportation Corp.	
Lake Linden.....	KZAE	300,600	PG	U. S. S. B.....	R. C. of A.
Lake Louise.....	KZUU	300,600	PG	do.....	Do.
Lake Marion.....	KXEE	300,600	PG	do.....	Do.
Lake Markham.....	KTOU	300,600	PG	do.....	Do.
Lake Mary.....	KREO	300,600	PG	do.....	Do.
Lake Mattato.....	WTAI	300,600	PG	do.....	I. W. T. Co.
Lake Maurepas.....	KLEA	300,600	PG	do.....	R. C. of A.
Lake Medford.....	KZOA	300,450,600	PG	do.....	Do.
Lake Monroe.....	KTOF	300,600	PG	do.....	I. W. T. Co.
Lake Narka.....	KTOA	300,600	PG	do.....	R. C. of A.
Lake Ogden.....	KHIU	300,600	PG	do.....	I. W. T. Co.
Lake Onawa.....	KOJM	300,600	PG	do.....	Do.
Lake Ontario.....	KBAA	300,600	PG	do.....	R. C. of A.
Lake Orange.....	KZOU	300,600	PG	do.....	Do.
Lake Ormoc.....	KVUA	300,600	PG	do.....	I. W. T. Co.
Lake Oswega.....	KVAA	300,450,600	PG	do.....	Do.
Lake Otisco.....	KLIA	300,600	PG	International Coal Transportation Corp.	
Lake Otsquago.....	KXAO	300,600	PG	U. S. S. B.....	R. C. of A.
Lake Pachuta.....	KTUU	300,600	PG	do.....	S. O. R. S.
Lake Pearl.....	KVIO	300,600	PG	do.....	Do.
Lake Pepin.....	KTUI	300,600	PG	do.....	R. C. of A.
Lake Pewaukee.....	KLFU	300,600	PG	do.....	Do.
Lake Pickaway.....	WKAO	300,600	PG	do.....	I. W. T. Co.
Lake Pleasant.....	KXEA	300,600	PG	do.....	S. O. R. S.
Lake Rushville.....	KUDS	300,600	PG	do.....	Do.
Lake Saba.....	KOS	300,600	PG	do.....	I. W. T. Co.
Lake Sanford.....	KNEI	300,600	PG	do.....	R. C. of A.
Lake Sapor.....	KEZB	300,600	PG	do.....	Do.
Lake Savus.....	KOCB	300,600	PG	do.....	I. W. T. Co.
Lake Sebago.....	KLIU	300,600	PG	do.....	R. C. of A.
Lake Shawano.....	KLOU	300,600	PG	do.....	I. W. T. Co.
Lakeshore.....	KBAU	300,600	PG	do.....	R. C. of A.
Lakeside Bridge.....	KONF	300,600	PG	do.....	I. W. T. Co.
Lake Silver.....	KHE	300,600	PG	do.....	Do.
Lake Singara.....	KITQ	300,600	PG	do.....	S. O. R. S.
Lake Slavi.....	KOTJ	300,600	PG	do.....	Do.
Lake St. Clair.....	WNL	300,600	PG	do.....	Do.
Lake Stirling.....	KBUE	300,600	PG	do.....	R. C. of A.
Lake Strabo.....	KEBR	300,600	PG	do.....	S. O. R. S.
Lake St. Regis.....	KLEE	300,600	PG	do.....	Do.
Lake Strymon.....	KONS	300,600	PG	do.....	R. C. of A.
Lake Sunapee.....	KLIU	300,600	PG	do.....	Do.
Lake Superior.....	KBAO	300,600	PG	do.....	S. O. R. S.
Lake Tippah.....	KOVC	300,600	PG	do.....	Do.
Lake Traverse.....	KBUA	300,600	PG	do.....	I. W. T. Co.
Lake Treba.....	KOSQ	300,600	PG	do.....	Do.
Lake Tulare.....	WDX	300,600	PG	International Coal Transportation Corp.	
Lakeview.....	KBEE	300,600	PG	U. S. S. B.....	Do.
Lakeville.....	KNEU	300,600	PG	do.....	R. C. of A.
Lake Washburn.....	KREI	300,600	PG	do.....	I. W. T. Co.
Lake Weir.....	KHEA	300,600	PG	do.....	S. O. R. S.
Lake Wilson.....	KZAO	300,600	PG	do.....	Do.
Lake Wimico.....	KSOI	300,450,600	PG	do.....	R. C. of A.
Lake Winona.....	KLAU	300,600	PG	do.....	I. W. T. Co.
Lake Winoski.....	KZIE	300,600	PG	do.....	R. C. of A.
Lake Winthrop.....	KZAI	300,600	PG	do.....	S. O. R. S.
Lakewood.....	KBOO	300,600	PG	do.....	R. C. of A.
Lake Yahara.....	KZAU	300,450,600	PG	do.....	S. O. R. S.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Lake Yelverton.....	KVOO	300, 600	PG	U. S. S. B.....	R. C. of A.
Lake Yemassee.....	KTOO	300, 600	PG	do.....	I. W. T. Co.
Lake Ypsilanti.....	WKFI	300, 600	PG	do.....	Do.
Lake Zaiski.....	WKAI	300, 600	PG	do.....	Do.
Lampasas.....	KEP	300, 450, 600	PG	Mallory S. S. Co.....	Do.
Lancaster.....	KQUE	300, 600	PG	Imperial Shipping Corp.	R. C. of A.
Lansdowne.....	KONP	300, 600	PG	U. S. S. B.....	Do.
Lansing.....	WTC	300, 600, 1800	PG	Union S. S. Co.....	F. T. Co.
Laramie.....	KUBC	300, 600	PG	U. S. S. B.....	S. O. R. S.
Las Vegas.....	KUQM	300, 450, 600	PG	do.....	R. C. of A.
Latham.....	KUKR	300, 450, 600	PG	do.....	Do.
Latoka.....	WLUA	300, 600	PG	do.....	S. O. R. S.
Latouche.....	WAI	300, 600	PG	Alaska S. S. Co.....	Do.
Laurel.....	WTUE	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Lebanon.....	KIXL	300, 600	PG	do.....	Do.
Lehigh.....	KINM	300, 600	PG	do.....	S. O. R. S.
Lenape.....	KVL	300, 450, 600	PG	Clyde S. S. Co.....	I. W. T. Co.
Levi G. Burgess.....	WOX	300, 600	PG	Alaska Portland Packers Assn.	Owner of vessel.
Levisa.....	KDL	300, 600	PG	United Fruit Co.....	T. R. T. Co.
Lewis K. Thurlow.....	KXY	300, 450, 600	PG	Crowell & Thurlow S. S. Co.	Owner of vessel.
Lewis Luckenbach.....	WFOE	300, 600	PG	Luckenbach S. S. Co.....	S. O. R. S.
Lewiston.....	WSOU	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Lexington.....	KNB	300, 550, 600	PG	Colonial Navigation Co.	I. R. T. Co.
Libby Maine.....	KDV	300, 450, 535 600	PG	Libby, McNeil & Libby.	S. O. R. S.
Liberator.....	KRIU	300, 600	PG	U. S. S. B.....	Do.
Liberty.....	WCOO	300, 600	PG	do.....	Do.
Liberty Bell.....	KUJX	300, 600	PG	do.....	I. W. T. Co.
Liberty Land.....	KISS	300, 600	PG	do.....	Do.
Liberty Minquas.....	KUBJ	300, 450, 600	PG	do.....	S. O. R. S.
Lighthouse.....	KIVF	300, 600	PG	do.....	I. W. T. Co.
Ligonier.....	KTD	300, 600	PG	Gulf Refining Co.....	R. C. of A.
Limon.....	KDR	300, 450, 600	PG	United Fruit Co.....	T. R. T. Co.
Lithopolis.....	WQEA	300, 600	PG	U. S. S. B.....	I. W. T. Co.
L. J. Drake.....	WZAA	300, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Lockport.....	KIXM	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Lone Star.....	KZUO	300, 600	PG	do.....	R. C. of A.
Lonoke.....	KPOI	300, 600	PG	do.....	I. W. T. Co.
Loon.....	KUGJ	300, 450, 600	PG	East Coast Fisheries Co.	Owner of vessel.
Lorain.....	KIFZ	300, 600	PG	U. S. S. B.....	R. C. of A.
Lordship Manor.....	KIXN	300, 600	PG	do.....	Do.
Loretta.....	KUXF	300, 450, 600	PG	do.....	Do.
Los Angeles.....	WOL	300, 600, 1, 800	PG	Union Oil Co.....	F. T. Co.
Louise.....	KUKN	300, 600	PG	E. D. Burge.....	Owner of vessel.
Louisiana.....	KUL	300, 450, 600	PG	Texas Co.....	I. W. T. Co.
Louisville Bridge.....	KIDF	300, 600	PG	U. S. S. B.....	Do.
Luella.....	KLAA	300, 600	PG	do.....	Do.
Lurline.....	WML	300, 450, 600	PG	Matson Navigation Co.	R. C. of A.
Luxpalle.....	KIPV	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Lycoming.....	KOMK	300, 600	PG	do.....	R. C. of A.
Lydia.....	WROI	300, 600	PG	Lydia S. S. Co.....	Do.
Lyman Stewart.....	WTL	300, 600, 1, 800	PG	Union Oil Co.....	F. T. Co.
Lyndonla.....	KULZ	300, 600	PG	C. H. K. Curtis.....	Do.
M. A. Bradley.....	WQH	300, 600	PG	Harvey H. Brown & Co.	R. C. of A.
Macomet.....	KORC	300, 600	PG	U. S. S. B.....	Do.
Maddequet.....	KUGZ	300, 600	PG	do.....	I. W. T. Co.
Madison.....	KOG	300, 450, 600	PG	Old Dominion S. S. Co.	R. C. of A.
Magmeric.....	KOJS	300, 600	PG	U. S. S. B.....	S. O. R. S.
Magunkook.....	WJUO	300, 600	PG	do.....	I. W. T. Co.
Mahanna.....	KKP	300, 600	PG	do.....	R. C. of A.
Mahaska.....	WFAU	300, 600	PG	do.....	Do.
Mahnet.....	KFM	300, 600	PG	do.....	Do.
Maiden Creek.....	KIPX	300, 600	PG	do.....	Do.
Maine.....	KUQ	300, 450, 600	PG	do.....	Do.
Maitland No. 1.....	WLE	300, 600	PG	Toronto, Hamilton & Buffalo Navigation Co.	Do.
Major Wheeler.....	WFII	300, 600	PG	U. S. S. B.....	S. O. R. S.
Makanda.....	KPUA	300, 600	PG	do.....	Do.
Malden.....	KZV	300, 450, 600	PG	New England Fuel & Transportation Co.	R. C. of A.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Manada.....	KNOA	300,600	PG	U. S. S. B.....	S. O. R. S.
Manateo.....	KURN	300,600	PG	do.....	do.
Manchuria.....	WWE	300,600	PG	Atlantic Transport Co.	I. W. T. Co.
Mangore.....	KHP	300,450,600	PG	Ore S. S. Corp.....	R. C. of A.
Manham.....	KORS	300,600	PG	U. S. S. B.....	I. W. T. Co.
Manitou.....	WFW	300,600	PG	Northern Michigan Transportation Co.	R. C. of A.
Manitowoc.....	KRQ	300,450,525, 600	PG	American Transatlan- tic Co.	S. O. R. S.
Mannahocking.....	KEZX	300,600	PG	U. S. S. B.....	I. W. T. Co.
Manoa.....	WMQ	300,450,600	PG	Matson Navigation Co.	R. C. of A.
Manoa.....	KOQ	300,600	PG	American Interlake Co.	Do.
Manuel Rionda.....	KUXX	300,600	PG	Sinclair Navigation Co.	Do.
Maquan.....	KOVD	300,450,600	PG	U. S. S. B.....	Do.
Maracaibo.....	KDM	300,450,600	PG	Atlantic & Caribbean Steam Navigation Co.	Do.
Maratanza.....	WCEI	300,600	PG	U. S. S. B.....	S. O. R. S.
Margaret.....	KUQS	300,600	PG	Red Salmon Canning Co.	Do.
Margaret.....	KZO	300,600	PG	A. H. Bull S. S. Co....	I. W. T. Co.
Margaret.....	WRQ	300,450,525, 600	PG	Margaret Ship Co. (Inc.).	Owner of vessel.
Margus.....	KONG	300,600	PG	U. S. S. B.....	R. C. of A.
Mariana.....	WWZ	300,450,600	PG	New York & Porto Rico S. S. Co.	I. W. T. Co.
Marica.....	KNK	300,600	PG	U. S. S. B.....	S. O. R. S.
Marina.....	KIVD	300,450,600	PG	Bull-Insular S. S. Co....	R. C. of A.
Mariners Harbor.....	KKEU	300,600	PG	U. S. S. B.....	Do.
Marquette & Bessemer No. 1.	WEW	300,425,540, 600	PR	Marquette & Besse- mer Dock & Naviga- tion Co.	Owner of vessel.
Marquette & Bessemer No. 2.	WEX	300,425,540, 600	PR	do.....	Do.
Marshfield.....	KECC	300,600	PG	U. S. S. B.....	R. C. of A.
Marsodak.....	KOCM	300,600	PG	do.....	S. O. R. S.
Martha Washington.....	KUQF	300,600	PG	do.....	Do.
Maruba.....	WZEE	300,600	PG	Inter-Coast S. S. Co....	I. W. T. Co.
Maryanne.....	KFL	300,600	PG	Maryanne Shipping Co	S. O. R. S.
Masca.....	KIBL	300,600	PG	U. S. S. B.....	I. W. T. Co.
Mascotte.....	KOW	300,600	PG	Peninsular & Occi- dental Steamship Co.	R. C. of A.
Mason City.....	KUGX	300,600	PG	U. S. S. B.....	S. O. R. S.
Massick.....	KOPF	300,600	PG	do.....	Do.
Massillon Bridge.....	KONJ	300,600	PG	do.....	I. W. T. Co.
Masuda.....	KMIJ	300,600	PG	do.....	S. O. R. S.
Matanzas.....	WFEU	300,450,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Matinicock.....	KID	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Matoa.....	KMJ	300,600	PG	Warren Transporta- tion Co.	Do.
Matsonia.....	WMP	300,450,600	PG	Matson Navigation Co.	Do.
Mattapan.....	WCEO	300,600	PG	U. S. S. B.....	I. W. T. Co.
Mattole.....	KUSV	300,600	PG	do.....	do.
Mauban.....	KRAE	300,600	PG	Compania de Tabocas del Fillipinas.	do.
Mau.....	WMR	300,450,600	PG	Matson Navigation Co.	R. C. of A.
Mazama.....	KN:O	300,600	PG	Mazama S. S. Co....	I. W. T. Co.
Mazatlan.....	KUBQ	300,600	PG	California-Mexican S. S. Co.	Owner of vessel.
McClellan.....	KYF	300,600	PG	U. S. S. B.....	do.
McCreary County.....	KOQP	300,600	PG	do.....	I. W. T. Co.
McKeesport.....	KEXB	300,600	PG	do.....	Do.
Medford.....	WRUE	300,600	PG	do.....	S. O. R. S.
Medina.....	KEI	300,450,600	PG	Mallory S. S. Co....	I. W. T. Co.
Medric.....	KURQ	300,600	PG	East Coast Fisheries Co.	Owner of vessel.
Mehanno.....	KUDJ	300,600	PG	U. S. S. B.....	R. C. of A.
Melrose.....	KZWJ	300,600	PG	New England Fuel & Transportation Co.	Do.
Mendoza.....	KIKN	300,378,600	PG	U. S. S. B.....	I. W. T. Co.
Menominee.....	KODL	300,600	PG	do.....	do.
Mercer.....	KEPF	300,600	PG	do.....	R. C. of A.
Mercer Victory.....	KIVG	300,600	PG	do.....	I. W. T. Co.
Meriden.....	KILP	300,476,600	PG	General S. S. Corp....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Merrimack	KQM	300,450,600	PG	Merchants & Miners Transportation Co.	I. W. T. Co.
Merry Mount	KOGX	300,600	PG	U. S. S. B.	S. O. R. S.
Metapan	KLF	300,600	PG	United Fruit Co.	T. R. T. Co.
Mexican	WKL	300,600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Mexicano	KGM	300,450,600	PG	Pierce Oil Corp.	R. C. of A.
Mexico	KWX	300,450,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Mexoil	WQIA	300,600	PG	Pan-American Pet. & Transport Co.	R. C. of A.
Miami	KOZ	300,600	PG	Peninsular & Occidental S. S. Co.	Do.
Middlebury	KZAA	300,600	PG	U. S. S. B.	I. W. T. Co.
Middlesex	WRO	300,600	PG	Coastwise Transportation Co.	R. C. of A.
Miller County	KERX	300,600	PG	U. S. S. B.	Do.
Millinocket	KNM	300,600	PG	A. H. Bull S. S. Co.	I. W. T. Co.
Milwaukee	KEXS	300,600	PG	Grand Trunk Car Ferry Line.	R. C. of A.
Milwaukee Bridge	KIBF	300,450,600	PG	U. S. S. B.	Do.
Mincola	KSEE	300,600	PG	Grace S. S. Co.	Do.
Minnequa	KIVB	300,600	PG	U. S. S. B.	I. W. T. Co.
Minnesota	WMI	300,450,600	PG	Atlantic Transport Co.	Do.
Minnesota	WEK	300,600	PG	U. S. S. B.	R. C. of A.
Minnesotan	WKM	300,600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Minnewawa	KOPG	300,600	PG	U. S. S. B.	R. C. of A.
Minooka	KOZN	300,450,600	PG	do.	Do.
Miskianza	KOZM	300,600	PG	do.	Do.
Missouri	WFX	300,600	PG	Northern Michigan Transportation Co.	Do.
Mitchell	KOTF	300,600	PG	U. S. S. B.	Do.
M. J. Scanlon	WJAO	300,450,600	PG	do.	S. O. R. S.
M. Mitchell Davis	KDAG	300,450,600	PR	C. E. Davis Packing Co.	Owner of vessel.
Moccasin	WJD	300,600	PG	U. S. S. B.	R. C. of A.
Mohawk	KYU	300,600	P	Ralph E. Barry	Owner of vessel.
Mohawk	KVM	300,450,600	PG	Clyde S. S. Co.	I. W. T. Co.
Mohawk	KXE	300,550,600	PG	New England S. S. Co.	I. R. T. Co.
Mobegan	KXM	300,550,600	PG	do.	Do.
Mohinkis	KUKP	300,450,600	PG	U. S. S. B.	I. W. T. Co.
Mojave	WJEA	300,600	PG	do.	S. O. R. S.
Moldegaard	KNR	300,600	PG	Bull Insular S. S. Co.	R. C. of A.
Moline	KEXN	300,600	PG	U. S. S. B.	I. W. T. Co.
Momus	KKM	300,450,600	PG	Southern Pacific Co.	R. C. of A.
Monana	KPEO	300,600	PG	U. S. S. B.	S. O. R. S.
Monasses	KILX	300,600	PG	do.	I. W. T. Co.
Mongolia	WVN	300,600	PG	Atlantic Transport Co.	Do.
Monmouth	WXUO	300,600	PG	U. S. S. B.	Do.
Mono	WBOA	300,450,600	PG	do.	S. O. R. S.
Monomac	KORP	300,600	PG	do.	I. W. T. Co.
Monroe	KOSF	300,600	PG	do.	Do.
Montague	KOMV	300,600	PG	do.	Do.
Montana	KOJF	300,600	PG	American Transportation Co.	Do.
Montclair	KVII	300,600	PG	U. S. S. B.	Do.
Monterey	KWY	300,450,600	PG	New York & Cuba Mail S. S. Co.	Do.
Montezuma	KSUU	300,600	PG	U. S. S. B.	Do.
Montaucon	KOQZ	300,600	PG	Independent S. S. Co.	Do.
Montgomery	KIJP	300,600	PG	do.	S. O. R. S.
Monticello	WIJ	300,600	PG	do.	R. C. of A.
Montoso	WKY	300,450,600	PG	New York & Porto Rico S. S. Co.	I. W. T. Co.
Montpelier	WLZ	300,600	PG	U. S. S. B.	S. O. R. S.
Montrolite	WEQ	300,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Moonlite	KPL	300,450,600	PG	do.	Do.
Moosabee	KIKP	300,600	PG	U. S. S. B.	S. O. R. S.
Mooschausic	KOGD	300,600	PG	do.	I. W. T. Co.
Moositauke	KOKG	300,600	PG	do.	Do.
Mopang	KOPX	300,600	PG	do.	Do.
Moraine	KPEU	300,600	PG	do.	Do.
Moravia Bridge	KOZG	300,600	PG	do.	S. O. R. S.
Morganza	KEGB	300,600	PG	do.	I. W. T. Co.
Moritz	KPEI	300,600	PG	do.	S. O. R. S.
Morristown	WGAJ	300,600	PG	do.	Do.
Morro Castle	KWC	300,450,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Moshico.....	KOBX	300, 600	PG	U. S. S. B.....	R. C. of A.
Moss Point.....	KETJ	300, 600	PG	.....do.....	S. O. R. S.
Mount Baker.....	KYD	300, 600	PG	Gaston, Williams & Wigmore S. S. Corp.	R. C. of A.
Mount Evans.....	KIMT	300, 600	PG	U. S. S. B.....	S. O. R. S.
Mount Hope.....	KOL	300, 600	P	Providence, Fall River & Newport Steam- boat Co.	Owner of vessel.
Mount Rainier.....	WBOE	300, 600	PG	Gaston, Williams & Wigmore.	R. C. of A.
Mount Shasta.....	WHH	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Mt. Vernon Bridge.....	KWA	300, 600	PG	.....do.....	Do.
Mulpua.....	KIDJ	300, 600	PG	.....do.....	S. O. R. S.
Multnomah.....	WMA	300, 600	PG	Multnomah S. S. Co.	R. C. of A.
Manalres.....	WJN	300, 600	PG	Munson S. S. Lines	Do.
Munalbro.....	KUX	300, 600	PG	.....do.....	Do.
Munamar.....	KUI	300, 600	PG	.....do.....	Do.
Mundale.....	KUJ	300, 450, 600	PG	.....do.....	Do.
Mundelta.....	KUF	300, 600	PG	.....do.....	Do.
Munindies.....	KVE	300, 600	PG	.....do.....	Do.
Munplace.....	KUG	300, 450, 600	PG	.....do.....	Do.
Munra.....	WDAA	300, 378, 600	PG	U. S. S. B.....	S. O. R. S.
Munrio.....	KVD	300, 600	PG	Munson S. S. Co.	R. C. of A.
Munsono.....	KUK	300, 450, 600	PG	.....do.....	Do.
Munwood.....	KUH	300, 600	PG	.....do.....	Do.
Muscatine.....	KJH	300, 600	PG	U. S. S. B.....	S. O. R. S.
Musketo.....	WDAE	300, 600	PG	.....do.....	R. C. of A.
Muskogee.....	KIB	300, 450, 600	PG	Standard Oil Co. of N. J.	Do.
Mystery.....	KYZ	300, 600	PG	Lucy Work Hewitt	Do.
Mystic.....	KHZ	300, 600	PG	Shawmut S. S. Co.	I. W. T. Co.
N. & K. No. 2.....	KDAJ	300, 600	PG	Fish Cannery Co.	Owner of vessel.
Nacogdoches.....	KKIU	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Nacooche.....	KFP	300, 450, 600	PG	Ocean S. S. Co.	R. C. of A.
Naiwa.....	WCIU	300, 450, 600	PG	U. S. S. B.....	Do.
Nameaug.....	KITN	300, 600	PG	.....do.....	I. W. T. Co.
Nameoki.....	WFAA	300, 600	PG	.....do.....	Do.
Nanking.....	KKEE	300, 450, 600	PG	China Mail S. S. Co.	R. C. of A.
Nansemond.....	WQR	300, 450, 600	PG	U. S. S. B.....	Do.
Nanshon.....	KUTL	300, 600	PG	.....do.....	Do.
Nantahala.....	WGIE	300, 600	PG	.....do.....	I. W. T. Co.
Nantasket.....	WLIO	300, 600	PG	.....do.....	Do.
Nantucket.....	KQN	300, 450, 600	PG	Merchants & Miners Transportation Co.	Do.
Nashotah.....	WBOU	300, 600	PG	U. S. S. B.....	Do.
National Bridge.....	KIBG	300, 450, 600	PG	.....do.....	S. O. R. S.
Naugus.....	KUPS	300, 450, 600	PG	.....do.....	R. C. of A.
Navahoe.....	KOR	300, 450, 600	PG	Trans-Oceanic Ship- ping Co.	Do.
Nawitka.....	KELZ	300, 600	PG	U. S. S. B.....	Do.
Neabsco.....	KEKV	300, 450, 600	PG	Nacirema S. S. Corp.	Do.
Nedmac.....	KIQM	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Neolah.....	WLOA	300, 600	PG	.....do.....	S. O. R. S.
Nehalem.....	KEBC	300, 450, 600	PG	Pacific Mercantile Ma- rine Co.	R. C. of A.
Nelson.....	KNL	300, 450, 600	PG	Cuba Distilling Co.	Do.
Nemaha.....	KUSR	300, 600	PG	U. S. S. B.....	Do.
Nemassa.....	KEQL	300, 600	PG	.....do.....	I. W. T. Co.
Neponset.....	WQIO	300, 600	PG	.....do.....	Do.
Neptune.....	KORZ	300, 450, 600	PG	Mexican Fruit & S. S. Co.	W. S. Co.
Neptune.....	KUN	300, 600	PG	U. S. S. B.....	Do.
Nesco.....	KEBT	300, 600	PG	.....do.....	S. O. R. S.
Neshaminy.....	KILN	300, 600	PG	.....do.....	I. W. T. Co.
Neshobee.....	KUNK	300, 450, 600	PG	.....do.....	Do.
Neuse.....	WLT	300, 450, 600	PG	.....do.....	R. C. of A.
New Britain.....	KIRG	300, 600	PG	Great Northwestern Shipping Corp.	Do.
Newburgh.....	WZUE	300, 600	PG	U. S. S. B.....	S. O. R. S.
New England.....	KUCB	300, 600	PG	.....do.....	I. W. T. Co.
New Hampshire.....	KXF	300, 550, 600	PG	New England S. S. Co.	I. R. T. Co.
New Haven.....	KXN	300, 550, 600	PG	.....do.....	Do.
Newport.....	WWH	300, 600	PG	Pacific Mail S. S. Co.	F. T. Co.
Newton.....	KZX	300, 450, 600	PG	New England Fuel & Tr. Co.	R. C. of A.
Newton.....	KIRC	300, 600	PG	U. S. S. B.....	I. W. T. Co.
New Windsor.....	KGAE	300, 600	PG	.....do.....	R. C. of A.
New York.....	KSN	300, 600	PG	International Mercan- tile Marine Co.	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
New York.....	KUW	300, 450, 600	PG	Texas Co.....	I. W. T. Co.
Nika.....	KOPM	300, 600	PG	Hodge Ship Co.....	Do.
Nile.....	KOSD	300, 600	PG	U. S. S. B.....	Do.
Nipman.....	KOQX	300, 600	PG	do.....	Do.
Nipaic.....	KCOE	300, 600	PG	do.....	S. O. R. S.
Nishmaha.....	KEVM	300, 600	PG	do.....	I. W. T. Co.
Nobles.....	KODB	300, 600	PG	do.....	S. O. R. S.
Noccalula.....	KORF	300, 600	PG	do.....	I. W. T. Co.
Noekum.....	KUGJ	300, 600	PG	do.....	S. O. R. S.
Noddle Island.....	KOKK	300, 600	PG	do.....	Do.
Nokatay.....	KOCF	300, 600	PG	do.....	R. C. of A.
Noma.....	KYO	300, 600	PG	Vincent Astor.....	U. S. S. B.
Nonantum.....	KIXP	300, 600	PG	U. S. S. B.....	S. O. R. S.
Norfolk.....	WZUA	300, 600	PG	Coastwise Transportation Co.	R. C. of A.
Norlina.....	KJE	300, 600	PG	Garland S. S. Corp.....	Do.
Norma.....	KEKC	300, 450, 600	PG	U. S. S. B.....	S. O. R. S.
Norman Bridge.....	WIG	300, 450, 600	PG	Pan-American Pet. & Tr. Co.	R. C. of A.
North American.....	WEN	300, 600	PG	Chicago, Duluth & Georgian Bay S. S. Co.	Do.
Northbend.....	WPB	300, 600	PG	U. S. S. B.....	I. W. T. Co.
Northern Star.....	KOKC	300, 600	PG	do.....	R. C. of A.
North Land.....	KJD	300, 600	PG	Eastern S. S. Lines.....	Do.
Northland.....	WGJ	300, 450, 600	PG	Albers Bros. Milling Co.	S. O. R. S.
North Pines.....	WZEU	300, 600	PG	North Pines S. S. Co.....	R. C. of A.
North Pole.....	KELB	300, 600	PG	U. S. S. B.....	S. O. R. S.
Northwestern.....	WAN	300, 600	PG	Alaska S. S. Co.....	Do.
Northwestern.....	KUO	300, 450, 600	PG	Texas Co.....	Owner of vessel.
Northwestern Bridge.....	KONK	300, 600	PG	U. S. S. B.....	R. C. of A.
North Wind.....	KYB	300, 600	P	Charles M. Clark.....	Owner of vessel.
Norumbega.....	KOZX	300, 450, 600	PG	U. S. S. B.....	I. W. T. Co.
Norwood.....	WSG	300, 450, 600	PG	Pacific American Fisheries.	S. O. R. S.
Nueces.....	KEH	300, 600	PG	Malory S. S. Co.....	R. C. of A.
Nupolela.....	WLOE	300, 600	PG	U. S. S. B.....	S. O. R. S.
Nushagak.....	WNE	300, 400, 600	PG	Alaska Packers Assn.....	Owner of vessel.
Nuuanu.....	WWT	300, 600	PG	General Petroleum Corp.	R. C. of A.
Nyanza.....	WJO	300, 600	PG	U. S. S. B.....	I. W. T. Co.
O. A. Hermanson.....	WRA	300, 600	PG	Southern Oil & Transport Corp.	Do.
Oakland.....	KMOO	300, 600	PG	U. S. S. B.....	Do.
Oakley C. Curtis.....	KQL	300, 450, 600	PG	France & Canada S. S. Corp.	R. C. of A.
Obak.....	KELV	300, 600	PG	U. S. S. B.....	S. O. R. S.
Occidental.....	KUSJ	300, 600	PG	Texas S. S. Co.....	I. W. T. Co.
Oconee.....	KJC	300, 600	PG	E. H. Greene & Co.....	Do.
Octorara.....	WCD	300, 600	PG	Great Lakes Transit Corp.	R. C. of A.
Octorara.....	KRIO	300, 600	PG	U. S. S. B.....	Do.
Oglethorpe.....	WZUU	300, 600	PG	do.....	S. O. R. S.
Ogontz.....	KINB	300, 600	PG	do.....	I. W. T. Co.
Ohioan.....	WKQ	300, 600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Ohonkara.....	KURV	300, 600	PG	Carl Tucker.....	Do.
Okeea.....	WXEE	300, 600	PG	U. S. S. B.....	S. O. R. S.
Okiya.....	WRUI	300, 600	PG	do.....	Do.
Oklahoma City.....	KUML	300, 600	PG	do.....	I. W. T. Co.
Olen.....	KINR	300, 450, 600	PG	do.....	R. C. of A.
Oleum.....	WTD	300, 600, 1800	PG	Union Oil Co.....	F. T. Co.
Oneco.....	KZUI	300, 600	PG	U. S. S. B.....	Do.
Oneida.....	KYP	300, 600	P	E. C. Benedict.....	Owner of vessel.
Onekama.....	KEDK	300, 600	PG	U. S. S. B.....	S. O. R. S.
Oneonta.....	WPX	300, 450, 600	PG	Port of Portland, Oreg. Merchants & Miners Transportation Co.	Do.
Ontario.....	KQO	300, 450, 600	PG	do.....	I. W. T. Co.
Opelika.....	KECL	300, 600	PG	U. S. S. B.....	R. C. of A.
Opequan.....	KIBK	300, 600	PG	do.....	I. W. T. Co.
Ophis.....	KODZ	300, 600	PG	do.....	R. C. of A.
Oran.....	WQK	300, 440, 525, 600	PG	Oriental Navigation Co.	Do.
Orani.....	KOBD	300, 600	PG	U. S. S. B.....	Do.
Oraton.....	KEMR	300, 600	PG	do.....	I. W. T. Co.
Orcus.....	KISC	300, 600	PG	do.....	R. C. of A.
Oregon.....	WGD	300, 600	PG	Alaska-Pacific Navigation Co.	Do.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Oregon.....	WOC	300,450,600	PG	Henry Wilson.....	R. C. of A.
Oregon.....	WOU	300,600	PG	Crowley Launch & Tugboat Co.	Do.
Oregonian.....	WKO	300,600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Orient.....	KOLC	300,450,600	PG	Orient S. S. Corp.....	R. C. of A.
Orinoco.....	KIMX	300,600	PG	Orinoco S. S. Co.....	R. C. of A.
Orion.....	WLO	300,450,600	PG	U. S. S. B.....	S. O. R. S.
Orizaba.....	KMEI	300,600	PG	New York & Porto Rico Mail S. S. Co.	I. W. T. Co.
Orleans.....	KIDZ	300,600	PG	Orleans S. S. Corp.....	R. C. of A.
Oronoke.....	KUNL	300,600	PG	U. S. S. B.....	Do.
Osage.....	WJU	300,450,600	PG	do.....	I. W. T. Co.
Osakis.....	WFOI	300,600	PG	do.....	R. C. of A.
Osaquemsick.....	KEVN	300,600	PG	do.....	S. O. R. S.
Osawatomie.....	KEVB	300,600	PG	do.....	Do.
Oscoda.....	KEKT	300,600	PG	do.....	I. W. T. Co.
Oshkosh.....	WFUU	300,600	PG	do.....	S. O. R. S.
Oskalooosa.....	WJII	300,600	PG	do.....	I. W. T. Co.
Oskawa.....	WGUA	300,600	PG	do.....	Do.
Osprey.....	KUJN	300,600	PG	East Coast Fisheries Co.	
Ossa.....	KUFZ	300,450,600	PG	U. S. S. B.....	S. O. R. S.
Ossineke.....	WTW	300,600	PG	do.....	Do.
Ossining.....	KEFR	300,600	PG	do.....	R. C. of A.
Otho.....	KULX	300,450,600	PG	do.....	Do.
Otsego.....	WDG	300,450,600	PG	do.....	Do.
Otto M. Reiss.....	WNG	300,450,600	PG	Reiss S. S. Co.....	Do.
O. T. Waring.....	KJW	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Outagamie.....	KULS	300,600	PG	U. S. S. B.....	
Overbrook.....	KLAE	300,600	PG	do.....	Do.
Owatama.....	WMOO	300,600	PG	do.....	I. W. T. Co.
Owego.....	KFG	300,450,600	PG	Winett Operating Co. (Inc.)	R. C. of A.
Oyaka.....	KELX	300,600	PG	U. S. S. B.....	I. W. T. Co.
Ozama.....	WRX	300,600	PG	Atlantic Gulf & West Indies S. S. Co.	
Ozaukee.....	WXAA	300,600	PG	U. S. S. B.....	S. O. R. S.
Ozette.....	KEVP	300,600	PG	do.....	I. W. T. Co.
Ozmo.....	KUJL	300,600	PG	Northern Commercial Co.	R. C. of A.
Padnsay.....	KUQG	300,600	PG	U. S. S. B.....	S. O. R. S.
Palisades.....	KOLV	300,600	PG	do.....	R. C. of A.
Pallas.....	KUTJ	300,450,600	PG	do.....	I. W. T. Co.
Panama.....	KMH	300,450,600	PG	Panama R. R. Co.....	Owner of vessel.
Panamanian.....	WKR	300,600	PG	American-Hawaiian S. S. Co.	Do.
Pan-American.....	KUT	300,450,600	PG	Texas S. S. Co.....	R. C. of A.
Panay.....	KEMJ	300,450,525,600	PG	Madrigal & Co.....	
Panga.....	WJEU	300,600	PG	U. S. S. B.....	S. O. R. S.
Panoil.....	KUQC	300,600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
Panola.....	WMUO	300,600	PG	U. S. S. B.....	I. W. T. Co.
Pansa.....	KUZN	300,600	PG	do.....	R. C. of A.
Panuco.....	KMM	300,600	PG	Sinclair Gulf Corp.....	Do.
Panuco.....	KWM	300,450,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Paraguay.....	KTT	300,600	PG	Sun Co.....	R. C. of A.
Paraiso.....	WRI	300,600	PG	Oliver J. Olsen.....	Owner of vessel.
Parismina.....	KDG	300,600	PG	United Fruit Co.....	T. R. T. Co.
Parksville.....	KIZG	300,600	PG	U. S. S. B.....	I. W. T. Co.
Parthian.....	WCE	300,600	PG	Olympia Shipping Corp.	R. C. of A.
Pasadena.....	KMEU	300,450,600	PG	U. S. S. B.....	I. W. T. Co.
Pascagoula.....	WBIU	300,600	PG	do.....	R. C. of A.
Passaic Bridge.....	KIBJ	300,600	PG	do.....	S. O. R. S.
Pastores.....	KLA	300,600	PG	United Fruit Co.....	T. R. T. Co.
Patrick Henry.....	KUPM	300,600	PG	U. S. S. B.....	R. C. of A.
Patrol.....	KIN	300,400,600	P	Police Department, City of New York.	Owner of vessel.
Paul H. Harwood.....	KJIO	300,600	PG	Pan-American Petroleum & Transport Co.	R. C. of A.
Paulsboro.....	KRS	300,450,600	PG	Vacuum Oil Co.....	Do.
Pawlet.....	KUBL	300,600	PG	U. S. S. B.....	Do.
Pawnee.....	WLU	300,450,600	PG	do.....	Do.
Pawtucket.....	KINZ	300,600	PG	do.....	S. O. R. S.
Pearl Shell.....	WIC	300,450,600	PG	Pearl Shell S. S. Co.....	R. C. of A.
Peconic.....	KDAF..	300,450,600	PR	C. E. Davis Packing Co.	Owner of vessel.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Peekskill.....	KOMX	300,600	PG	U. S. S. B.....	I. W. T. Co.
Penguin.....	KOMJ	300,450,600	PG	Penguin Co.....	Owner of vessel.
Pennant.....	KME	300,450,600	PG	Pierce Oil Corp.....	R. C. of A.
Pennsylvania.....	KUP	300,450,600	PG	Texas S. S. Co.....	I. W. T. Co.
Pennsylvania.....	WKP	300,600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Pequonnock.....	KXP	300,550,600	PG	New England S. S. Co.	I. R. T. Co.
Pequot.....	WLX	300,600	PG	U. S. S. B.....	R. C. of A.
Pere Marquette.....	WDA	300,500,600	PR	Pere Marquette R. R. Co.	Do.
Pere Marquette 8.....	KINL	300,600	PR	.....do.....	Do.
Pere Marquette 17.....	WDC	300,500,600	PR	.....do.....	Do.
Pere Marquette 18.....	WDD	300,450,600	PR	.....do.....	Do.
Pere Marquette 19.....	WDB	300,500,600	PR	.....do.....	Do.
Pere Marquette 20.....	WDE	300,500,600	PR	.....do.....	Do.
Perfection.....	KTN	300,450,600	PG	Standard Oil Co. of N. Y.	Do.
Persian.....	KQX	300,450,600	PG	Merchants & Miners Transportation Co.	I. W. T. Co.
Peter H. Crowell.....	KEXT	300,476,600	PG	Crowell & Thurlow S. S. Co.	
Peter Reiss.....	WNX	300,600	PG	North American S. S. Co.	R. C. of A.
Petoskey.....	WDH	300,600	PG	Chicago & South Haven S. S. Co.	Do.
Petunia.....	KOQN	300,600	PG	Foreign & Domestic Transp. Corp.	
Pezuta.....	KPIE	300,600	PG	U. S. S. B.....	
Philadelphia.....	KDA	300,450,600	PG	Atlantic & Caribbean Steam Navigation Co.	Do.
Philadelphia.....	KSM	300,600	PG	International Mercantile Marine Co.	I. W. T. Co.
Philippines.....	WAV	300,600	PG	U. S. S. B.....	S. O. R. S.
Phoenix.....	WJEO	300,600	PG	.....do.....	R. C. of A.
Phoenix Bridge.....	WFOU	300,600	PG	.....do.....	Do.
Phyllis.....	KEA	300,600	PG	Phyllis S. S. Co.....	
Pinellas.....	KULB	300,600	PG	U. S. S. B.....	I. W. T. Co.
Pinthus.....	KUPC	300,450,600	PG	Sugar Products Co.	C. & W. R. C.
Pioneer.....	KIG	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Pioneer.....	KUSL	300,600	PG	Mutual Packing Co.	Owner of vessel.
Pioneer.....	WPN	300,600	PG	Puget Sound Tug Boat Co.	Do.
Pipestone County.....	KIMZ	300,600	PG	U. S. S. B.....	I. W. T. Co.
Pisco.....	KEQV	300,600	PG	.....do.....	
Pittsburgh Bridge.....	KUKL	300,600	PG	.....do.....	R. C. of A.
Plainfield.....	WJEI	300,600	PG	.....do.....	I. W. T. Co.
Pleiades.....	WNP	300,600	PG	Luckenbach S. S. Co.	S. O. R. S.
Plover.....	KUFT	300,600	PG	East Coast Fisheries Co.	
Plow City.....	KUCC	300,600	PG	U. S. S. B.....	I. W. T. Co.
Plymouth.....	KXH	300,550,600	PG	New England S. S. Co.	I. R. T. Co.
Plymouth.....	KND	300,450,600	PG	Green Star S. S. Corp.	R. C. of A.
Point Adams.....	WES	300,600	PG	Pacific Mail S. S. Co.	
Point Arena.....	WHP	300,600	PG	U. S. S. B.....	I. W. T. Co.
Point Bonita.....	WMT	300,600	PG	Pacific Mail S. S. Co.	F. T. Co.
Point Judith.....	KPAJ	300,600	PG	.....do.....	
Point Lobos.....	KJUI	300,600	PG	.....do.....	
Point Loma.....	WAU	300,600	PG	U. S. S. B.....	S. O. R. S.
Polar Bear.....	WGOE	300,600	PG	.....do.....	I. W. T. Co.
Polarine.....	KOI	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Polar Sea.....	KSOA	300,600	PG	U. S. S. B.....	Do.
Polar Star.....	KELC	300,600	PG	.....do.....	Do.
Polybius.....	KIGL	300,600	PG	.....do.....	I. W. T. Co.
Ponce.....	KGP	300,450,600	PG	New York & Porto Rico S. S. Co.	Do.
Pontchartrain.....	KIMP	300,600	PG	U. S. S. B.....	R. C. of A.
Pontia.....	KIPC	300,600	PG	.....do.....	I. W. T. Co.
Portola Plumas.....	KUMN	300,450,600	PG	.....do.....	Do.
Portsmouth.....	KOJV	300,600	PG	.....do.....	S. O. R. S.
Poughkeepsie.....	KEZZ	300,600	PG	.....do.....	I. W. T. Co.
Poznam.....	WLY	300,600	PG	Polish-American Navigation Corp.	R. C. of A.
President.....	WGP	300,600	PG	Pacific S. S. Co.....	Do.
Princess Matoika.....	WLS	300,600	PG	U. S. S. B.....	
Princeton.....	KST	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Priscilla.....	KXI	300,550,600	PG	New England S. S. Co.	I. R. T. Co.
Proctor.....	KEPQ	300,600	PG	U. S. S. B.....	I. W. T. Co.
Providence.....	KXJ	300,550,600	PG	New England S. S. Co.	I. R. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Providencia.....	WIK	300,450,600	PG	Providencia Steamer Co.	R. C. of A.
Prusa.....	KELQ	300,600	PG	U. S. S. B.	I. W. T. Co.
Puget Sound.....	WER	300,600	PG	.....do.....	S. O. R. S.
Pulaski.....	KUQL	300,600	PG	.....do.....	.....do.....
Puritan.....	WDU	300,600	PG	Graham & Morton Transportation Co.	R. C. of A.
Putnam.....	KIXQ	300,600	PG	U. S. S. B.	I. W. T. Co.
Puyallup.....	KEXC	300,600	PG	.....do.....	.....do.....
Pylos.....	KULQ	300,600	PG	.....do.....	.....do.....
Pyramus.....	KIPL	300,600	PG	.....do.....	.....do.....
Python.....	WNIO	300,600	PG	.....do.....	R. C. of A.
Quabbin.....	KUJZ	300,450,600	PG	.....do.....	Do.
Quaker City.....	KOZL	300,600	PG	.....do.....	S. O. R. S.
Quantico.....	KQQ	300,450,600	PG	Merchants & Miners Transportation Co.	I. W. T. Co.
Quapaw.....	KETC	300,600	PG	U. S. S. B.	Do.
Queen.....	WGK	300,450,600	PG	Pacific S. S. Co.	R. C. of A.
Queen II.....	WOY	300,400	P	Central Illinois Public Service Co.	Owner of vessel.
Quemakoning.....	KETD	300,600	PG	U. S. S. B.	S. O. R. S.
Quidnic.....	KSEO	300,600	PG	.....do.....	Do.
Quillwark.....	KUZM	300,600	PG	.....do.....	Do.
Quinault.....	KNEI	300,600	PG	.....do.....	Do.
Quinnesecco.....	WRIU	300,600	PG	.....do.....	I. W. T. Co.
Quinnipiacc.....	KOQT	300,600	PG	.....do.....	S. O. R. S.
Quistconck.....	WREI	300,600	PG	.....do.....	I. W. T. Co.
Quittacas.....	WRUO	300,600	PG	.....do.....	S. O. R. S.
Radiant.....	KTR	300,450,600	PG	Standard Oil Co. of N. Y.	R. C. of A.
Radnor.....	KJUE	300,600	PG	U. S. S. B.	Do.
Rainier.....	WRZ	300,600	PG	Albers Bros. Milling Co.	S. O. R. S.
Rajah.....	WAO	300,600	PG	U. S. S. B.	R. C. of A.
Rama.....	KRX	300,450,600	PG	Rama Navigation Co.	.....do.....
Ransom B. Fuller.....	KRF	300,600	PG	Eastern S. S. Lines (Inc.).	Do.
Rapidan.....	KOSG	300,600	PG	U. S. S. B.	Do.
Rappahannock.....	WQW	300,600	PG	.....do.....	.....do.....
Rayo.....	KTL	300,600	PG	Standard Oil Co. of N. Y.	I. W. T. Co.
Rebecca Palmer.....	WQEI	300,600	PG	S. de Barrechea.	.....do.....
Red Cloud.....	WJEE	300,600	PG	Red Cloud S. S. Co.	R. C. of A.
Redlands.....	WDUE	300,600	PG	U. S. S. B.	S. O. R. S.
Red Mountain.....	KOTQ	300,600	PG	.....do.....	R. C. of A.
Redondo.....	WBM	300,600	PG	Alaska S. S. Co.	S. O. R. S.
Redondo.....	KYT	300,476,600	PG	Redondo S. S. Co.	I. W. T. Co.
Redwood.....	WSD	300,450,525,600	PG	Pacific American Fisheries.	S. O. R. S.
Relay.....	KVZ	300,600	P	Mexican Telegraph Co.	Owner of vessel.
Relief.....	KRJ	300,450,600	PG	Merritt & Chapman Derrick & Wrecking Co.	S. O. R. S.
Remlik.....	KZR	300,600	PG	Willis S. Kilmer.....	Owner of vessel.
Remus.....	KEBX	300,600	PG	U. S. S. B.	I. W. T. Co.
Republic.....	WSU	300,600	PG	Chili S. S. Co. (Inc.)...	R. C. of A.
Rescue.....	KRP	300,450,600	PG	Merritt & Chapman Derrick & Wrecking Co.	S. O. R. S.
Resolute.....	KRM	300,600	PG	.....do.....	Owner of vessel.
Restorer.....	WIU	300,450,600	P	Commercial Pacific Cable Co.	R. C. of A.
Reuce.....	WSR	300,525,600	PG	Columbia River Packers' Assn.	Owner of vessel.
Richard J. Reiss.....	WNK	300,600	PG	Reiss S. S. Co.	R. C. of A.
Richard Peck.....	KXR	300,450,500,550,600	PG	New England S. S. Co.	I. R. T. Co.
Richconcal.....	KUTX	300,600	PG	U. S. S. B.	I. W. T. Co.
Richmond.....	WTR	300,600	PG	Standard Oil Co. of Calif.	R. C. of A.
Rio Grande.....	KEG	300,600	PG	Mallory Steamship Co.	Do.
Ripon.....	KUGM	300,600	PG	U. S. S. B.	.....do.....
Riverside Bridge.....	KUCD	300,600	PG	.....do.....	I. W. T. Co.
Roanoke.....	KOXV	300,600	PG	Texas S. S. Co.	Do.
Robert M. Thompson.....	KNW	300,600	PG	American Transportation Co.	.....do.....
Robert P. Clark.....	KTH	300,450,600	PG	Gulf Refining Co.	R. C. of A.
Robin Adair.....	KOVN	300,440,525,600	PG	Robin Line S. S. Co.	S. O. R. S.
Robin Goodfellow.....	KUBN	300,440,525,600	PG	.....do.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Robin Gray	KOXT	300, 440, 525, 600	PG	Robin Line S. S. Co.	S. O. R. S.
Robin Hood	KOTM	300, 440, 600	PG	do	Do.
Rochelle	KUNX				
Rochester	KUTZ	300, 600	PG	Vacuum Oil Co.	R. C. of A.
Rockaway Park	KIZZ	300, 600	PG	U. S. S. B.	S. O. R. S.
Rookport	KOZD	300, 450, 600	PG	do	Do.
Roman	WRII	300, 600	PG	French-American Line (Inc.)	R. C. of A.
Romulus	KIDR	300, 600	PG	U. S. S. B.	Do.
Rose City	WWR	300, 600	PG	San Francisco & Portland Steamship Co.	Do.
Rose Mahoney	KSAE	300, 600	PG	Andrew F. Mahoney	
Royal Arrow	KSW	300, 450, 600	PG	Standard Transportation Co.	Do.
Roy Hooper	WCQ	300, 600	PG	Sinclair Navigation Co.	Do.
Ruby	KOBC	300, 600	PG	American Transportation Co.	
Rush	WNR	300, 440, 525, 600	PG	Bering Sea Packing Co.	Owner of vessel.
Ruth	KZQ	300, 600	PG	A. H. Bull S. S. Co.	I. W. T. Co.
Ruth E. Merrill	KQU	300, 450, 600	PG	Olympia Shipping Corp.	R. C. of A.
Sabine	KEB	300, 450, 600	PG	Mallory Steamship Co.	I. W. T. Co.
Sabine Sun	WLQ	300, 450, 600	PG	Sun Co.	R. C. of A.
Sabotawan	KIJJ	300, 600	PG	U. S. S. B.	S. O. R. S.
Sacandaga	KESC	300, 600	PG	do	R. C. of A.
Saccarappa	WGOI	300, 600	PG	do	I. W. T. Co.
Sac City	KEFB	300, 600	PG	do	Do.
Saco	KEPT	300, 600	PG	do	S. O. R. S.
Sacramento	KWV	300, 600	PG	Sacramento S. S. Co.	R. C. of A.
Sagadahoc	KTUO	300, 600	PG	U. S. S. B.	Do.
Sagaporack	KZIU	300, 600	PG	do	I. W. T. Co.
Sag Harbor	WPAE	300, 600	PG	do	S. O. R. S.
Sagua	KVO	300, 450, 600	PG	Atlantic Fruit Co.	I. W. T. Co.
Saguache	KEKL	300, 600	PG	U. S. S. B.	R. C. of A.
Sahale	KEPR	300, 600	PG	do	Do.
Salaam	KURP	300, 600	PG	do	
Salaverry	KEQX	300, 600	PG	do	
Salem County	KODR	300, 600	PG	do	Do.
Salina	KUZQ	300, 600	PG	do	S. O. R. S.
Salinas	KUCL	300, 600	PG	do	I. W. T. Co.
Salmon	KPOU	300, 600	PG	do	R. C. of A.
Saluda	KEGQ	300, 600	PG	do	I. W. T. Co.
Salvation Lass	KTMN	300, 600	PG	do	S. O. R. S.
Samuel Faunce	KQV	300, 450, 600	PG	France & Canada S. S. Corp.	R. C. of A.
Samuel Mitchell	WEJ	300, 450, 600	PG	Huron Transportation Co.	Do.
San Antonio	KOMN	300, 600	PG	Adolfo Stahl	Owner of vessel.
San Diego	KUBF	300, 600	PG	W. H. Wood	Do.
Sangamon	WJAA	300, 600	PG	U. S. S. B.	R. C. of A.
San Jacinto	KES	300, 450, 600	PG	Mallory Steamship Co.	I. W. T. Co.
San Jose	KDJJ	300, 450, 600	PG	United Fruit Co.	T. R. T. Co.
San Jose	WWL	300, 600	PG	Pacific Mail S. S. Co.	F. T. Co.
San Juan	KGJ	300, 450, 600	PG	New York & Porto Rico S. S. Co.	I. W. T. Co.
San Juan	KULV	300, 600	PG	Libby, McNeill & Libby.	
San Juan	WWM	300, 600	PG	Pacific Mail Steamship Co.	F. T. Co.
San Marcos	KEK	300, 600	PG	Mallory S. S. Co.	I. W. T. Co.
San Mateo	KLV	300, 600	PG	United Fruit Co.	T. R. T. Co.
San Pasqual	KUXC	300, 600	PG	U. S. S. B.	
San Ramon	WNW	300, 600	PG	Mexican Fruit & S. S. Corp.	W. S. Co.
Santa Alicia	WSJ	300, 450, 600	PG	Grace S. S. Co.	R. C. of A.
Santa Ana	WAL	300, 600	PG	Alaska S. S. Co.	S. O. R. S.
Santa Ana	WBX	300, 450, 600	PG	Grace S. S. Co.	R. C. of A.
Santa Barbara	WBJ	300, 450, 600	PG	do	Do.
Santa Cecilia	WBB	300, 600	PG	Green Star S. S. Corp.	Do.
Santa Clara	WBA	300, 600	PG	Atlantic & Pacific S. S. Co.	Do.
Santa Cruz	WBD	300, 600	PG	do	Do.
Santa Elena	WBZ	300, 450, 600	PG	Grace S. S. Co.	Do.
Santa Elisa	KIGQ	300, 600	PG	do	Do.
Santa Flavia	KRUI	300, 450, 600	PG	do	Do.
Santa Inez	WSI	300, 600	PG	do	Do.
Santa Leonora	KIML	300, 600	PG	U. S. S. B.	
Santa Luisa	KJEU	300, 450, 600	PG	Grace S. S. Co.	Do.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Santa Malta.....	KIBN	300,600	PG	U. S. S. B.....	
Santa Marta.....	KLK	300,600	PG	United Fruit Co.....	T. R. T. Co.
Santanta.....	KZS	300,600	P	Osborne Howes.....	Owner of vessel.
Santa Olivia.....	KQII	300,600	PG	Atlantic & Pacific S. S. Co.	R. C. of A.
Santa Paula.....	WBQ	300,450,600	PG	Grace S. S. Co.....	Do.
Santa Rita.....	WTG	300,600	PG	American Fuel Oil & Transportation Co.	Do.
Santa Rita.....	WBR	300,450,600	PG	Grace S. S. Co.....	Do.
Santa Rosa.....	WBO	300,500,600	PG	.....do.....	Do.
Santa Rosalia.....	KLO	300,600	PG	U. S. Steel Products Co.	Do.
Santa Tecla.....	KNEE	300,600	PG	Grace S. S. Co.....	Do.
Santa Teresa.....	WLIA	300,600	PG	.....do.....	Do.
Santiago.....	KWE	300,450,600	PG	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Santore.....	KDQ	300,600	PG	Ore S. S. Corp.....	R. C. of A.
Santure.....	KEMV	300,450,600	PG	New York & Porto S. S. Co.	I. W. T. Co.
Sapelo.....	KOVK	300,600	PG	U. S. S. B.....	S. O. R. S.
Sapimero.....	KESG	300,600	PG	.....do.....	R. C. of A.
Sapona.....	KOSP	300,450,600	PG	.....do.....	S. O. R. S.
Sarah Weems.....	WQJ	300,600	.....	Baltimore & Carolina S. S. Co.	
Saramacca.....	KLH	300,600	PG	United Fruit Co.....	T. R. T. Co.
Sarcoxie.....	WLAA	300,600	PG	U. S. S. B.....	I. W. T. Co.
Saris.....	WGIO	300,600	PG	.....do.....	S. O. R. S.
Satartia.....	KIDC	300,600	PG	.....do.....	R. C. of A.
Satsuma.....	KJI	300,600	PG	Barber & Co. (Inc.).....	Do.
Saucon.....	WBK	300,600	PG	U. S. S. B.....	I. W. T. Co.
Saugerties.....	WAB	300,600	PG	.....do.....	S. O. R. S.
Saugus.....	KIBQ	300,600	PG	.....do.....	I. W. T. Co.
Saxon.....	WZEA	300,600	PG	Clinchfield Navigation Co.	R. C. of A.
S. B. Hunt.....	KIPR	300,600	PG	Standard Oil Co. of N. J.	Do.
Scantic.....	KILR	300,600	PG	U. S. S. B.....	I. W. T. Co.
Schenectady.....	WJHU	300,600	PG	.....do.....	R. C. of A.
Schodack.....	KEVT	300,600	PG	.....do.....	Do.
Schoharie.....	KEVV	300,600	PG	.....do.....	S. O. R. S.
Schoodic.....	KIDQ	300,600	PG	.....do.....	I. W. T. Co.
Schroon.....	KIJM	300,600	PG	.....do.....	Do.
Schuykill Bridge.....	KUKC	300,600	PG	.....do.....	S. O. R. S.
Scottsburg.....	KOMM	300,600	PG	.....do.....	Do.
Sea Bird.....	KICT	300,600	.....	The Sea Bird Co.	
Seafarer.....	WPL	300,600	.....	Seafarer Nav. & Salvage Co.	
Seattle Spirit.....	KISD	300,600	PG	U. S. S. B.....	Do.
Sehonac.....	KUVF	300,450,600	PG	Thomas A. Howell.....	Owner of vessel.
Security.....	KSJ	300,600	PG	Standard Transportation Co.	R. C. of A.
Seelandbee.....	WFS	300,600	PG	Cleveland & Buffalo Transit Co.	Do.
Seckonk.....	KIGF	300,450,600	PG	U. S. S. B.....	Do.
Seguranca.....	KWG	300,600	PG	Standard Commercial S. S. Corp.	Do.
Selma.....	KUKQ	300,600	PQ	U. S. S. B.....	
Seminole.....	KUGP	300,600	PG	.....do.....	Do.
Senator.....	WGS	300,600	PG	Pacific Steamship Co.	Do.
Senator Bailey.....	KGS	300,450,600	PG	Gulf Refining Co.....	Do.
Sepulga.....	KURK	300,600	PG	U. S. S. B.....	Do.
Severance.....	KXOE	300,600	PG	Union Sulphur Co.....	S. O. R. S.
Sewalls Point.....	KGX	300,450,600	PG	Castner, Curran & Bullit (Inc.).....	R. C. of A.
Sewickley.....	KPII	300,600	PG	U. S. S. B.....	I. W. T. Co.
Seypen.....	WGEU	300,600	PG	.....do.....	S. O. R. S.
Shannock.....	KOBB	300,600	PG	.....do.....	I. W. T. Co.
Sharon.....	KIRK	300,600	PG	.....do.....	R. C. of A.
Shaume.....	KILQ	300,600	PG	.....do.....	Do.
Sheldrake.....	KUFX	300,600	PG	East Coast Fisheries Co.	Owner of vessel.
Shenandoah.....	KIBD	300,600	PG	U. S. S. B.....	I. W. T. Co.
Shenango.....	KTC	300,600	PG	Gulf Refining Co.....	R. C. of A.
Sherman.....	KMQ	300,450,600	PG	Sherman S. S. Co.....	Do.
Shickshinny.....	KIZP	300,600	PG	U. S. S. B.....	I. W. T. Co.
Snooters Island.....	KERG	300,600	PG	.....do.....	R. C. of A.
Shortsville.....	KIKK	300,600	PG	.....do.....	Do.
Siboney.....	WRN	300,600	PG	.....do.....	I. W. T. Co.
Sierra.....	KRW	300,600	PR	E. K. Wood Lumber Co.	Owner of vessel.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Sierra.....	WHJ	300,600, 1800	PG	Green Star S. S. Corp..	F. T. Co.
Siletz.....	KODG	300,476, 600	PG	U. S. S. B.....	I. W. T. Co.
Silverado.....	WRC	300,450, 600	PG	do.....	Do.
Silverbrook.....	KIBC	300,600	PG	do.....	R. C. of A.
Silver Shell.....	WIA	300,450, 600	PG	Silver Shell S. S. Co....	Do.
Sinasta.....	KDAC	300,600	PG	U. S. S. B.....	I. W. T. Co.
Sinsinawa.....	KOJD	300,600	PG	do.....	R. C. of A.
Sioux City.....	KUGK	300,600	PG	do.....	Do.
Sioux Falls.....	KONN	300,600	PG	do.....	Do.
Sir Thomas Shanghnessy.....	WVF	300,600	PG	Jenkins S. S. Co.....	Do.
Sir Trevor Dawson.....	WMIU	300,600	PG	American Interlake Co.	Do.
Sixaola.....	KDS	300,600	PG	United Fruit Co.....	T. R. T. Co.
Skagway.....	WAT	300,600	PG	Alaska S. S. Co.....	Owner of vessel.
S. M. Fischer.....	WPH	300,600	PG	Reid Towing & Wrecking Co.	R. C. of A.
S. M. Spalding.....	WKG	300,600	PG	Pan-American Petroleum & Tr. Co.	Do.
Snipe.....	KUFS	300,600	PG	East Coast Fisheries Co.	Owner of vessel.
Snug Harbor.....	WBAA	300,450, 600	PG	U. S. S. B.....	R. C. of A.
S. O. Co. No. 91.....	WTU	300,600	PG	Standard Oil Co. of Calif.	Do.
S. O. Co. No. 93.....	WTY	300,600	PG	do.....	Do.
S. O. Co. No. 95.....	WTZ	300,600	PG	do.....	Do.
Socony.....	KTX	300,600	PG	Standard Oil Co. of N. Y.	I. W. T. Co.
Socony 82.....	KVAI	300,450, 600	PG	do.....	R. C. of A.
Socony 83.....	KVAO	300,450, 600	PG	do.....	Do.
Socony 84.....	WCOE	300,600	PG	do.....	Do.
Socony 85.....	WKAE	300,450, 600	PG	do.....	Do.
Socony 86.....	KRUU	300,450, 600	PG	do.....	Do.
Socony 87.....	KSA	300,450, 600	PG	do.....	Do.
Socony 88.....	KSA	300,450, 600	PG	do.....	Do.
Socony 89.....	KSA	300,450, 600	PG	do.....	Do.
Socony 90.....	WTH	300,450, 600	PG	do.....	Do.
Socony 91.....	WCOI	300,450, 600	PG	do.....	Do.
Socony 92.....	WCOI	300,450, 600	PG	do.....	Do.
Socony 93.....	WTH	300,450, 600	PG	do.....	Do.
Socony 94.....	WTH	300,450, 600	PG	do.....	Do.
Solitaire.....	KUMT	300,600	PG	Texas S. S. Co.....	I. W. T. Co.
Somerset.....	KSU	300,450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Somoma.....	WHM	300,600, 1800	PG	Oceanic S. S. Co.....	F. T. Co.
Sophie Frankel.....	KIBM	300,600	PG	U. S. S. B.....	R. C. of A.
South American.....	WEO	300,600	PG	Chicago, Duluth & Georgian Bay Steamship Co.	Do.
South Bend.....	KEXQ	300,600	PG	U. S. S. B.....	S. O. R. S.
South Pole.....	WDIA	300,600	PG	do.....	I. W. T. Co.
Speedwell.....	KLZ	300,600	PG	Speedwell Navigation Co.	Owner of vessel.
Spokane.....	WGE	300,600	PG	Pacific S. S. Co.....	R. C. of A.
Springfield.....	KUTR	300,600	PG	U. S. S. B.....	Do.
St. Anthony.....	KUBM	300,600	PG	do.....	S. O. R. S.
St. Augustine.....	KIKJ	300,600	PG	do.....	R. C. of A.
St. Charles.....	KOK	300,600	PG	Maru Navigation Co....	Do.
Saint Francis.....	KRT	300,600	PG	U. S. Steel Products Co.	Do.
St. Johns County.....	KIKG	300,600	PG	U. S. S. B.....	Do.
St. Nicholas.....	WSS	300,525, 600	PG	Columbia River Packers' Assn.	Owner of vessel.
St. Paul.....	KSO	300,600	PG	International Mercantile Marine Co.	I. W. T. Co.
Stadacona.....	WMIO	300,600	PG	Stadacona S. S. Co....	R. C. of A.
Standard.....	KIC	300,450, 600	PG	Standard Oil Co. of N. J.	Do.
Standard.....	KXOI	300,450, 600	PG	Standard Transportation Co.	Do.
Standard II.....	KSA	300,600	PG	do.....	Do.
Standard Arrow.....	KSV	300,450, 600	PG	do.....	Do.
Stanley.....	KISJ	300,600	PG	U. S. S. B.....	S. O. R. S.
Stanley Dollar.....	WHS	300,600	PG	Dollar S. S. Line.....	Do.
Stanwood.....	KHD	300,600	PG	W. R. Chamberlin.....	Do.
Star 1.....	WRIO	300,600	PG	U. S. Whaling Co.....	Owner of vessel.
Starlite.....	KPK	300,450, 600	PG	Standard Oil Co. of N. J.	R. C. of A.
Star of Greenland.....	KERF	300,400, 600	PG	Alaska Packers' Assn.	Do.
Star of Holland.....	KUGQ	300,600	PG	do.....	Do.
Star of Lapland.....	KXOA	300,600	PG	do.....	Do.
Starr.....	WPS	300,600	PG	San Juan Fishing & Packing Co.	S. O. R. S.
Staten Island.....	KUMD	300,600	PG	U. S. S. B.....	R. C. of A.
State of Ohio.....	WFR	300,600	PG	Cleveland & Buffalo Transit Co.	R. C. of A.
Steadfast.....	WDEO	300,600	PG	U. S. S. B.....	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Steel Age.....	KOXZ	300,450,600	PG	U. S. Steel Products Co.	R. C. of A.
Steelmaker.....	KOXX	300,600	PG	.....do.....	Do.
Steel Mariner.....	KUVK	300,600	PG	.....do.....	Do.
Steel Trader.....	KUVL	300,450,600	PG	.....do.....	Do.
Steel Voyager.....	KUFN	300,450,600	PG	.....do.....	C. & W. R. C.
Stephen R. Jones.....	KXX	300,600	PG	Crowell & Thurlow S. S. Co.	Owner of vessel.
Storm King.....	KOGM	300,600	PG	Rolph Navigation & Coal Co.	Owner of vessel.
Sturgeon Bay.....	KJOI	300,600	PG	U. S. S. B.....	S. O. R. S.
Subatco.....	KURZ	300,600	PG	Submarine Boat Corp.	S. O. R. S.
Subcross.....	KNS	300,600	PG	Cuba Distilling Co.	R. C. of A.
Sudbury.....	KRZ	300,450,600	PG	Shawmut S. S. Co.....	Do.
Sudco.....	KUSB	300,600	PG	Submarine Boat Corp.	Do.
Suelco.....	KUZJ	300,600	PG	.....do.....	Do.
Suffolk.....	WRS	300,600	PG	Coastwise Transporta- tion Co.	Do.
Suholco.....	KUZF	300,600	PG	Submarine Boat Corp.	S. O. R. S.
Summerleaf.....	KUGR	300,600	PG	U. S. S. B.....	R. C. of A.
Sun.....	KTU	300,600	PG	Sun Co.....	Do.
Sunbeam.....	KODC	300,600	PG	.....do.....	Do.
Sundance.....	KORD	300,600	PG	U. S. S. B.....	I. W. T. Co.
Sunelseco.....	KUSC	300,450,600	PG	Submarine Boat Corp.	Transmarine Corp.
Sunlite.....	KPQ	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Sunoll.....	KWP	300,450,600	PG	Sun Co.....	Do.
Sunshine.....	KOFG	300,600	PG	.....do.....	Do.
Suportco.....	KUZK	300,600	PG	Submarine Boat Corp.	T. R. T. Co.
Suriname.....	KLI	300,600	PG	United Fruit Co.....	R. C. of A.
Suruga.....	KGD	300,450,600	PG	Barber & Corp.....	Do.
Susana.....	KNX	300,600	PG	F. I. A. T. Corp.....	Owner of vessel.
Susana II.....	KEMG	300,450,525, 600	PG	Madrigal & Co.....	Owner of vessel.
Susquehanna.....	WEM	300,450,600	PG	Susquehanna S. S. Co. (Inc.).	I. W. T. Co.
Susquehanna.....	KOLN	300,600	PG	U. S. S. B.....	S. O. R. S.
Sutherland.....	WTJ	300,478,600	PG	.....do.....	I. W. T. Co.
Sutransco.....	KUZG	300,600	PG	Submarine Boat Corp.	S. O. R. S.
Suwied.....	KOXC	300,600	PG	U. S. S. B.....	I. W. T. Co.
S. V. Harkness.....	KEU	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Swampscott.....	WQIU	300,600	PG	U. S. S. B.....	Do.
Sylvan Arrow.....	KSX	300,450,600	PG	Standard Transporta- tion Co.	Do.
Tamesi.....	WTE	300,458,600	PG	Sinclair Navigation Co	Do.
Tampa.....	KOVX	300,450,600	PG	U. S. S. B.....	Do.
Tampico.....	KOXR	300,600	PG	Crowell & Thurlow...	I. W. T. Co.
Tanamo.....	KVN	300,450,600	PG	Atlantic Fruit Co.....	R. C. of A.
Tancarville.....	KUKM	300,600	PG	Philippine Vegetable Oil Co.	I. W. T. Co.
Tanka.....	KEFF	300,600	PG	U. S. S. B.....	Owner of vessel.
Tankerville.....	KOKB	300,600	PG	Philippine Vegetable Oil Co.	I. W. T. Co.
Tartar.....	KEKS	300,600	PG	U. S. S. B.....	S. O. R. S.
Tasco.....	KFT	300,600	PG	T. A. Scott Co. (Inc.)...	Owner of vessel.
Tashmoo.....	KOXD	300,600	PG	U. S. S. B.....	I. W. T. Co.
Tatoosh.....	WPE	300,600	PG	Western Fuel Co.....	Owner of vessel.
Tavernilla.....	KEMT	300,600	PG	.....do.....	Do.
Teal.....	KOTC	300,600	PG	Teal Co.....	R. C. of A.
Tekoa.....	KOXF	300,600	PG	U. S. S. B.....	I. W. T. Co.
Tenafly.....	KOZF	300,600	PG	.....do.....	S. O. R. S.
Teresa.....	WJF	300,450,600	PG	.....do.....	Owner of vessel.
Tern.....	KUFQ	300,450,600	PG	East Coast Fisheries Co	S. O. R. S.
Terre Haute.....	KOPJ	300,600	PG	U. S. S. B.....	Owner of vessel.
Texan.....	WKT	300,600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Texarkana.....	KOCD	300,600	PG	U. S. S. B.....	R. C. of A.
Texas.....	KUM	300,450,600	PG	Texas Co.....	I. W. T. Co.
Thala.....	KIQQ	300,600	PG	U. S. S. B.....	R. C. of A.
The Harvester.....	WCR	300,600	PG	International Harves- ter Co.	Do.
The Lambs.....	KFBZ	300,600	PG	U. S. S. B.....	I. W. T. Co.
The Limit.....	WCV	300,600	PG	Whitney Bros. Co.....	R. C. of A.
Theodoro Roosevelt.....	WCT	300,600	PG	Cleveland Erie S. S. Co	Do.
Tidewater.....	KOU	300,450,600	PG	Green Star S. S. Corp.	Do.
Tiger.....	KIT	300,450,600	PG	Standard Transporta- tion Co.	Do.
Tillamook.....	WMOA	300,600	PG	U. S. S. B.....	S. O. R. S.
Tionesta.....	WCA	300,600	PG	Erie & Western Trans- portation Co.	R. C. of A.
Tippecanoe.....	KUXL	300,600	PG	U. S. S. B.....	S. O. R. S.
Tipton.....	WQOA	300,600	PG	.....do.....	S. O. R. S.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Tivives.....	KMI	300,600	PG	United Fruit Co.....	T. R. T. Co.
Toller.....	WTOO	300,600	PG	U. S. S. B.....	Do.
Toka.....	KPAE	300,600	PG	.....do.....	Do.
Toledo Bridge.....	KOXX	300,600	PG	.....do.....	I. W. T. Co.
Tollard.....	KEVX	300,600	PG	.....do.....	Do.
Tolo.....	WQOI	300,600	PG	.....do.....	Do.
Tona.....	KOXJ	300,600	PG	.....do.....	Do.
Tonesit.....	KOXX	300,600	PG	.....do.....	Do.
Toopl.....	KULP	300,600	PG	.....do.....	Do.
Topila.....	KKE	300,450,600	PG	Southern Pacific Co.....	R. C. of A.
Tormentor.....	KFN	300,600	PG	Freeport & Tampico Fuel Oil Transporta- tion Co.	Do.
Torres.....	KKF	300,450,600	PG	Southern Pacific Co...	Do.
Transportation.....	KEJX	300,600	PG	Coastwise Transporta- tion Co.	Do.
Traveller.....	KIVK	300,600	PG	U. S. S. B.....	Do.
Tri Mountain.....	KOQF	300,600	PG	.....do.....	S. O. R. S.
Trinidadian.....	KNO	300,600	PG	Gulf Refining Co.....	R. C. of A.
Tripp.....	KIMC	300,600	PG	U. S. S. B.....	I. W. T. Co.
Triumph.....	KEND	300,600	PG	.....do.....	Do.
Trontolite.....	KOM	300,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Tuckaboe.....	KJOU	300,450,600	PG	U. S. S. B.....	I. W. T. Co.
Tuckanuck.....	KIMB	300,600	PG	.....do.....	Do.
Tuladi.....	KOXL	300,600	PG	.....do.....	S. O. R. S.
Tulsa.....	KIXR	300,600	PG	.....do.....	R. C. of A.
Tunica.....	WJP	300,600	PG	.....do.....	Do.
Turrialba.....	KDT	300,600	PG	United Fruit Co.....	T. R. T. Co.
Tuscan.....	KUDC	300,600	PG	Munson S. S. Line...	I. W. T. Co.
Tuwetanka.....	KOLG	300,600	PG	U. S. S. B.....	S. O. R. S.
Twilite.....	KPO	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
Tyee.....	KENB	300,600	PG	U. S. S. B.....	Do.
Tyee.....	WPG	300,600	PG	Skinner & Eddy Corp.	Owner of vessel.
Ulysses.....	KPU	300,600	PG	Panama R. R. Co.....	R. C. of A.
Umatilla.....	KSUO	300,600	PG	U. S. S. B.....	Do.
Undaunted.....	WGM	300,600	PG	Hind-Rolph & Co.....	Do.
Unicol.....	KUQP	300,600	PG	U. S. S. B.....	I. W. T. Co.
Union Liberty.....	KUNG	300,600	PG	.....do.....	Do.
United States.....	KZU	300,450,600	PG	F. H. R. Green.....	Owner of vessel.
Utacarbon.....	KUMC	300,450,600	PG	U. S. S. B.....	R. C. of A.
Utina.....	KIPM	300,600	PG	.....do.....	Do.
Utoka.....	KERK	300,600	PG	.....do.....	S. O. R. S.
Vacuum.....	KUTS	300,450,600	PG	Vacuum Oil Co.....	R. C. of A.
Vacuum II.....	KIMK	300,600	PG	Jesse H. Jay.....	Do.
Valdez.....	WAK	300,600	PG	Alaska S. S. Co.....	S. O. R. S.
Vallonia.....	KULR	300,600	PG	U. S. S. B.....	Do.
Vanada.....	KOBF	300,600	PG	.....do.....	I. W. T. Co.
Velerio.....	WHV	300,600	PG	G. Allan Hancock...	Owner of vessel.
Venetia.....	WOV	300,600	P	J. D. Spreckels.....	Do.
Venezuela.....	WBG	300,600,1800	PG	Pacific Mail S. S. Co...	F. T. Co.
Ventura.....	WHL	300,600,1800	PG	Oceanic S. S. Co.....	Do.
Vesta.....	KTS	300,450,600	PG	Standard Oil Co.....	R. C. of A.
Victoria.....	WAD	300,450,525	PG	Alaska S. S. Co.....	S. O. R. S.
Victorius.....	WXIA	300,450,600	PG	U. S. S. B.....	I. W. T. Co.
Vigilant.....	KOZP	300,425,600	PG	E. K. Wood Lumber Co.	S. O. R. S.
Vincennes Bridge.....	KOXXM	300,600	PG	U. S. S. B.....	I. W. T. Co.
Vincent.....	KIZS	300,600	PG	.....do.....	Do.
Vinita.....	KOTL	300,450,600	PG	.....do.....	R. C. of A.
Vinton County.....	KORQ	300,600	PG	.....do.....	I. W. T. Co.
Virginia.....	KUV	300,450,600	PG	Texas Co.....	Do.
Virginia Bridge.....	KUCF	300,600	PG	U. S. S. B.....	S. O. R. S.
Virginian.....	WKV	300,600	PG	American-Hawaiian S. S. Co.	Owner of vessel.
Vittorio Emmanuele III.....	KBUI	300,600	PG	U. S. S. B.....	R. C. of A.
Vizcaya.....	WSQ	300,600	PG	.....do.....	Do.
Volunteer.....	WFAO	300,600	PG	U. S. S. B.....	I. W. T. Co.
Von Steuben.....	KOXP	300,600	PG	.....do.....	Do.
Waban.....	KJT	300,450,600	PG	.....do.....	Do.
Wabash.....	WNC	300,600	PG	.....do.....	Do.
Wachusett.....	WJL	300,600	PG	.....do.....	Do.
Wage.....	KIRP	300,600	PG	.....do.....	R. C. of A.
Wacouta.....	WLG	300,450,600	PG	N. Y. & C. M. S. S. Co...	I. W. T. Co.
Wahkeena.....	WMS	300,600	PG	Wahkeena S. S. Co...	R. C. of A.
Wahkiakum.....	KNIA	300,600	PG	U. S. S. B.....	S. O. R. S.
Wakan.....	WDAI	300,600	PG	.....do.....	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Wakanna	KKOU	300,600	PG	U. S. S. B.	J. W. T. Co.
Waktki	WRRU	300,600	PG	do.	R. C. of A.
Wakulla	KRUO	300,600	PG	do.	I. W. T. Co.
Walden	KIGG	300,600	PG	do.	R. C. of A.
Wallingford	KEPV	300,476,600	PG	do.	Do.
Walkill	KIPD	300,600	PG	do.	Do.
Willowa	KQAI	300,600	PG	do.	S. O. R. S.
Wallula	WPY	300,450,600	PG	Port of Portland, Oreg.	Do.
Walter A. Luckenbach	KJIE	300,600	PG	Luckenbach S. S. Co.	Do.
Walter D. Munson	KVJ	300,450,600	PG	Munson S. S. Co.	R. C. of A.
Walter D. Noyes	KDY	300,600	PG	Crowell & Thurlow S. S. Co.	Do.
Walter Hardcastle	KQB	300,600	PG	Sinclair Gulf Corp.	Do.
Wampum	KROI	300,450,600	PG	U. S. S. B.	I. W. T. Co.
Wana	KYX	300,600	P	George C. Sherman	Owner of vessel.
Waneyanda	WXIE	300,600	PG	U. S. S. B.	I. W. T. Co.
Wanzu	WDAU	300,600	PG	do.	R. C. of A.
Wapama	WMG	300,600	PG	Wapama S. S. Co.	Do.
Warszawa	WLM	300,600	PG	Polish-American Nav- igation Corp.	Owner of vessel.
Wasagya	KOPN	300,600	PG	U. S. S. B.	R. C. of A.
Wasco	KKIO	300,600	PG	do.	S. O. R. S.
Washtenaw	WPOO	300,600	PG	Union S. S. Co.	F. T. Co.
Wassac	KROO	300,600	PG	U. S. S. B.	S. O. R. S.
Watauga	WQT	300,600	PG	do.	R. C. of A.
Waterbury	KUPT	300,600	PG	do.	Do.
Watertown	KING	300,600	PG	do.	Do.
Wathena	WDIE	300,600	PG	do.	S. O. R. S.
Watowan	WDH	300,600	PG	do.	Do.
Waubesa	WGOO	300,600	PG	do.	Do.
Waucoma	WREE	300,600	PG	do.	I. W. T. Co.
Waukau	KIDV	300,600	PG	do.	Do.
Waukegan	KIDX	300,600	PG	do.	S. O. R. S.
Waukesha	KKEO	300,450,600	PG	do.	I. W. T. Co.
Wauwatosa	KUCK	300,600	PG	do.	Do.
Wawalona	KEXM	300,600	PG	do.	Do.
Waxahachie	KILM	300,600	PG	do.	R. C. of A.
Wayhut	WGUU	300,600	PG	do.	I. W. T. Co.
Wayucan	KKUA	300,600	PG	do.	R. C. of A.
W. B. Keene	KWK	300,600	PG	Savannah-New York Transportation Co.	Do.
W. C. Teagle	KTY	300,450,600	PG	Standard Oil Co. of N. J.	Do.
Wekika	KIXX	300,600	PG	U. S. S. B.	S. O. R. S.
Wellington	KMR	300,450,600	PG	Henry W. Cook	R. C. of A.
Wenakee	WXII	300,600	PG	U. S. S. B.	S. O. R. S.
West Alcoz	KIDD	300,600	PG	do.	I. W. T. Co.
West Aleta	KIQG	300,600	PG	do.	Do.
West Alsek	KJUG	300,600	PG	do.	Do.
West Amargosa	KEJS	300,600	PG	do.	Do.
West Apaum	KJUJ	300,600	PG	do.	S. O. R. S.
West Arrow	WKS	300,600	PG	do.	Do.
West Arvada	KVIE	300,600	PG	do.	Do.
West Ashawa	KFH	300,600	PG	do.	Do.
West Avenal	KENG	300,600	PG	do.	I. W. T. Co.
Westboro	KBUU	300,600	PG	do.	Do.
West Bridge	KJOU	300,600	PG	do.	S. O. R. S.
Westbrook	WLI	300,600	PG	do.	Do.
West Cactus	KIVV	300,600	PG	do.	I. W. T. Co.
West Caddoa	KODF	300,600	PG	do.	Do.
West Cadron	KUDK	300,600	PG	do.	S. O. R. S.
West Cahokia	KUPJ	300,450,600	PG	do.	I. W. T. Co.
West Cajoot	KEXX	300,476,600	PG	do.	Do.
West Calera	KUMM	300,450,600	PG	do.	S. O. R. S.
West Calumb	KILT	300,600	PG	do.	I. W. T. Co.
West Camak	KUST	300,600	PG	do.	R. C. of A.
West Campgaw	KUFR	300,450,600	PG	do.	S. O. R. S.
West Cape	WXEO	300,600	PG	do.	I. W. T. Co.
West Camifax	KEFC	300,450,600	PG	do.	R. C. of A.
West Carruth	KESJ	300,600	PG	do.	I. W. T. Co.
West Catanace	KEE	300,600	PG	Elder Steel S. S. Co.	S. O. R. S.
West Cavanal	KIFD	300,600	PG	U. S. S. B.	R. C. of A.
West Cawthon	KILZ	300,600	PG	do.	Do.
West Cayote	KIRF	300,600	PG	do.	Do.
West Celeron	KKJ	300,600	PG	do.	I. W. T. Co.
West Celina	KEZR	300,450,600	PG	do.	R. C. of A.
West Chatala	KIPJ	300,600	PG	do.	S. O. R. S.
West Cherow	KJM	300,600	PG	do.	Do.
Westchester	WCL	300,476,600	PG	do.	Do.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
West Cheswald.....	KIXB	300,600	PG	U. S. S. B.....	R. C. of A.
West Chetac.....	KIMG	300,600	PG	do.....	I. W. T. Co.
West Coast.....	KRAA	300,600	PG	do.....	S. O. R. S.
West Cobalt.....	KEKD	300,600	PG	do.....	Do.
West Cohas.....	KNAE	300,600	PG	do.....	R. C. of A.
West Compo.....	KENJ	300,600	PG	do.....	S. O. R. S.
West Conob.....	KIFP	300,476,600	PG	do.....	I. W. T. Co.
West Corum.....	KEVD	300,600	PG	do.....	S. O. R. S.
West Cressy.....	WGOU	300,600	PG	do.....	I. W. T. Co.
West Durfee.....	KJAI.	300,378,600	PG	do.....	S. O. R. S.
West Eagle.....	WQZ	300,600	PG	do.....	Do.
West Ekonk.....	KQIU	300,600	PG	do.....	I. W. T. Co.
West Elcajon.....	KELK	300,450,600	PG	do.....	Do.
West Elcasco.....	WJOA	300,600	PG	do.....	S. O. R. S.
West Eldara.....	WJOE	300,600	PG	do.....	I. W. T. Co.
Western Ally.....	KEJF	300,600	PG	do.....	Do.
Western Belle.....	WKUI	300,600	PG	do.....	S. O. R. S.
Western Chief.....	KNAO	300,420,600	PG	do.....	R. C. of A.
Western City.....	KNAI	300,600	PG	do.....	I. W. T. Co.
Western Comet.....	WXEI	300,600	PG	do.....	S. O. R. S.
Western Cross.....	KTEE	300,600	PG	do.....	R. C. of A.
Westerner.....	KIK	300,600	PG	do.....	Do.
Western Front.....	WJQ	300,450,600	PG	do.....	S. O. R. S.
Western Glen.....	KEDR	300,378,600	PG	do.....	I. W. T. Co.
Western Hero.....	KIU	300,600	PG	do.....	S. O. R. S.
Western Hope.....	WFIA	300,600	PG	do.....	R. C. of A.
Western King.....	WEP	300,600	PG	do.....	Do.
Western Knight.....	KEFQ	300,600	PG	do.....	S. O. R. S.
Western Light.....	KQOI	300,600	PG	do.....	Do.
Western Maid.....	KQOO	300,600	PG	do.....	R. C. of A.
Western Ocean.....	KJEA	300,600	PG	do.....	S. O. R. S.
Western Plains.....	WZIU	300,600	PG	do.....	Do.
Western Pride.....	WGT	300,600	PG	do.....	I. W. T. Co.
Western Queen.....	WWK	300,378,600	PG	do.....	S. O. R. S.
Western Scout.....	WXEA	300,600	PG	do.....	I. W. T. Co.
Western Sea.....	KNAA	300,600	PG	do.....	Do.
Western Spirit.....	KNEA	300,600	PG	do.....	Do.
Western Star.....	WEU	300,600	PG	do.....	Do.
Western States.....	WED	300,440,500, 600	PG	Detroit & Cleveland Navigation Co.	R. C. of A.
Western Wave.....	WWC	300,600	PG	U. S. S. B.	S. O. R. S.
West Erral.....	KERJ	300,600	PG	do.....	R. C. of A.
Westfield.....	KXU	300,600	PG	do.....	Do.
Westford.....	KNAU	300,600	PG	do.....	I. W. T. Co.
West Galela.....	WFAE	300,600	PG	do.....	S. O. R. S.
West Galoc.....	KVEI	300,600	PG	do.....	I. W. T. Co.
West Gambo.....	KQUU	300,600	PG	do.....	Do.
West Gotomska.....	WET	300,600	PG	do.....	S. O. R. S.
West Grama.....	WGIA	300,600	PG	do.....	R. C. of A.
West Grove.....	KJAU	300,600	PG	do.....	Do.
Westhampton.....	WSP	300,378,600	PG	do.....	I. W. T. Co.
West Harcuvar.....	KEZM	300,600	PG	do.....	S. O. R. S.
West Hardaway.....	KEDX	300,600	PG	do.....	I. W. T. Co.
West Hargrave.....	KEDZ	300,600	PG	do.....	S. O. R. S.
West Harlan.....	KEFS	300,600	PG	do.....	I. W. T. Co.
West Harshaw.....	KEFX	300,600	PG	do.....	S. O. R. S.
West Hartland.....	KEGS	300,450,600	PG	do.....	I. W. T. Co.
West Hartley.....	KEGT	300,600	PG	do.....	S. O. R. S.
West Harts.....	KEFZ	300,600	PG	do.....	I. W. T. Co.
West Hassayampa.....	KEGX	300,600	PG	do.....	Do.
West Haven.....	KJV	300,450,525, 600	PG	do.....	S. O. R. S.
West Helix.....	WSUA	300,600	PG	do.....	Do.
West Hematite.....	KEZP	300,600	PG	do.....	I. W. T. Co.
West Hembrie.....	KEZN	300,600	PG	do.....	R. C. of A.
West Henshaw.....	KEBQ	300,476,600	PG	do.....	S. O. R. S.
West Hepburn.....	KINP	300,600	PG	do.....	Do.
West Hesseltine.....	KOTN	300,600	PG	do.....	Do.
West Hika.....	KOKZ	300,600	PG	do.....	I. W. T. Co.
West Himrod.....	KUDQ	300,476,600	PG	do.....	S. O. R. S.
West Hixton.....	KUKV	300,600	PG	do.....	I. W. T. Co.
West Hobomac.....	WFAI	300,600	PG	do.....	S. O. R. S.
West Holbrook.....	KUXB	300,600	PG	do.....	Do.
West Hosokie.....	WFEI	300,600	PG	do.....	Do.
West Humhaw.....	WZAE	300,600	PG	do.....	R. C. of A.
West Imboden.....	KECX	300,600	PG	do.....	Do.
West Indian.....	KJAE	300,600	PG	do.....	S. O. R. S.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
West Inskip.....	KITZ	300,600	PG	U. S. S. B.....	R. C. of A.
West Ira.....	KOGL	300,476,600	PG	do.....	Do.
West Irmo.....	KIFB	300,600	PG	do.....	Do.
West Islay.....	KICP	300,600	PG	Imperial Shipping Corp.	Do.
West Isleta.....	KICQ	300,600	PG	U. S. S. B.....	Do.
West Islip.....	KIKX	300,600	PG	do.....	S. O. R. S.
West Ison.....	KINN	300,600	PG	do.....	R. C. of A.
West Ivan.....	KOZS	300,600	PG	do.....	Do.
West Ivis.....	KOQQ	300,600	PG	do.....	I. W. T. Co.
West Jaffrey.....	KOCX	300,450,600	PG	do.....	R. C. of A.
West Jappa.....	KUKJ	300,450,600	PG	do.....	I. W. T. Co.
West Jena.....	KOTG	300,450,600	PG	do.....	Do.
West Jessup.....	KOXS	300,450,600	PG	do.....	R. C. of A.
West Jøster.....	KUDG	300,600	PG	do.....	I. W. T. Co.
West Kader.....	KOSL	300,600	PG	do.....	S. O. R. S.
West Kasson.....	KIKM	300,600	PG	do.....	I. W. T. Co.
West Katan.....	KOBK	300,450,600	PG	do.....	S. O. R. S.
West Keats.....	KUQK	300,450,600	PG	do.....	Do.
West Kebar.....	KDAN	300,600	PG	do.....	
West Kedron.....	KDAP	300,600	PG	do.....	
West Keene.....	KISK	300,600	PG	do.....	R. C. of A.
West Kyska.....	WJOU	300,600	PG	do.....	Do.
Westlake.....	WTH	300,378,600	PG	do.....	S. O. R. S.
Westland.....	KJX	300,450,600	PG	do.....	Do.
West Lashaway.....	WREA	300,600	PG	do.....	Do.
West Lianga.....	KJAO	300,378,600	PG	do.....	I. W. T. Co.
West Loquassuck.....	WJOI	300,600	PG	do.....	S. O. R. S.
West Madaket.....	WJOO	300,600	PG	do.....	I. W. T. Co.
West Mahomet.....	WTUU	300,600	PG	do.....	S. O. R. S.
West Mahwah.....	KUTC	300,450,600	PG	do.....	I. W. T. Co.
West Maximus.....	KEDQ	300,600	PG	do.....	Do.
Westmead.....	WDIO	300,600	PG	do.....	R. C. of A.
West Mingo.....	KORB	300,600	PG	do.....	S. O. R. S.
West Modus.....	KENK	300,600	PG	do.....	I. W. T. Co.
West Montop.....	KOTR	300,600	PG	do.....	S. O. R. S.
Westmoreland.....	KIQC	300,600	PG	do.....	I. W. T. Co.
Westmount.....	KBUO	300,600	PG	do.....	R. C. of A.
West Munham.....	KEXF	300,600	PG	do.....	S. O. R. S.
West Neris.....	KOTK	300,600	PG	do.....	I. W. T. Co.
West Niger.....	KOZJ	300,478,600	PG	do.....	R. C. of A.
West Nilus.....	KUFJ	300,450,600	PG	do.....	S. O. R. S.
West Nivaria.....	KUQJ	300,450,600	PG	do.....	Do.
West Nohno.....	KEXG	300,600	PG	do.....	I. W. T. Co.
West Nomentum.....	KUSG	300,600	PG	do.....	R. C. of A.
West Norranus.....	KUVZ	300,600	PG	do.....	I. W. T. Co.
West Nosaka.....	KEDV	300,600	PG	do.....	R. C. of A.
West Notus.....	KDAM	300,600	PG	do.....	
Westoll.....	KIVP	300,600	PG	Standard Oil Co. of N.J.	Do.
West Pocasset.....	KOCK	300,600	PG	U. S. S. B.....	S. O. R. S.
West Point.....	KJY	300,450,600	PG	Neptune Line (Inc.)	R. C. of A.
Westpool.....	WROA	300,450,600	PG	U. S. S. B.....	Do.
Westport.....	WFEO	300,450,600	PG	do.....	Do.
West Quechee.....	KEDT	300,600	PG	do.....	Do.
West Raritans.....	KIXC	300,600	PG	do.....	Do.
West Saginaw.....	KOCV	300,600	PG	do.....	Do.
West Segovia.....	KIPK	300,600	PG	do.....	S. O. R. S.
West Selene.....	KIXZ	300,600	PG	do.....	I. W. T. Co.
West Sequana.....	WSOI	300,450,600	PG	do.....	Do.
West Shore.....	WMD	300,450,600	PG	do.....	R. C. of A.
West Tacook.....	KECR	300,600	PG	do.....	I. W. T. Co.
West Togus.....	KEXJ	300,600	PG	do.....	Do.
West Totant.....	KEXK	300,600	PG	do.....	Do.
West Vaca.....	KEMX	300,600	PG	do.....	R. C. of A.
West View.....	WDIU	300,600	PG	do.....	S. O. R. S.
Westward Ho.....	WKX	300,600	PG	do.....	Do.
West Wauna.....	WSUE	300,600	PG	do.....	Do.
West Wauneke.....	WSUI	300,600	PG	do.....	I. W. T. Co.
Westwego.....	KGE	300,450,600	PG	Union Petroleum Steamship Co.	R. C. of A.
West Wind.....	KJH	300,600	PG	U. S. S. B.....	S. O. R. S.
Westwood.....	WTF	300,478,600	PG	do.....	Do.
West Zeda.....	WKUU	300,600	PG	do.....	I. W. T. Co.
West Zucker.....	WJIA	300,600	PG	do.....	S. O. R. S.
West Zula.....	WQFO	300,600	PG	do.....	I. W. T. Co.
W. F. Burrows.....	WHG	300,425,525,600	PG	Libby, McNeill & Libby	S. O. R. S.
W. F. White.....	WGC	300,600	PG	Limestone Transportation Co.	R. C. of A.
Wheatland Montana.....	KISF	300,600	PG	U. S. S. B.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Wheaton.....	WMUA	300,600	PG	U. S. S. B.....	R. C. of A.
Wheeling Mold.....	KUNM	300,450,600	PG	do.....	I. W. T. Co.
Whitemarsh.....	KOMG	300,600	P	F. R. Payne.....	F. T. Co.
Whittier.....	WHT	300,800,1800	PG	T. A. Hays.....	R. C. of A.
W. H. Tilford.....	KPD	300,600	PG	Standard Oil Co. of N. J.	Do.
Wicasta.....	KIJG	300,600	PG	U. S. S. B.....	Owner of vessel.
Wico.....	KNN	300,600	PG	Standard Oil Co. of N. J.	I. W. T. Co.
Widgeon.....	KOSB	300,600	PG	Widgeon Co. (Inc.).....	R. C. of A.
Wilaba.....	WDEA	300,600	PG	U. S. S. B.....	Do.
Wild Duck.....	KYG	300,450,600	PG	Gulf Refining Co.....	Owner of vessel.
Wild Goose.....	KOTS	300,600	PG	Wild Goose Co. (Inc.).....	I. W. T. Co.
Wildwood.....	KORV	300,600	PG	U. S. S. B.....	R. C. of A.
Wilhelmina.....	WMO	300,450,600	PG	Matson Navigation Co.	Owner of vessel.
Wilhelm Jensen.....	WNQ	300,450,600	PG	U. S. S. B.....	S. O. R. S.
Willamette.....	WSW	300,600	PG	Willamette S. S. Co.....	R. C. of A.
Willaro.....	KITX	300,600	PG	Williams S. S. Co. (Inc.)	Do.
William A. McKenney.....	WOM	300,600	PG	Crowell & Thurlow S. S. Co.	Do.
William A. Reiss.....	WNI	300,600	PG	Reiss S. S. Co.....	Do.
William A. Whitney.....	KUSS	300,600	PG	Whitney Bros. Co.....	Do.
William B. Livingstone.....	KDAQ	300,600	PG	Montreal Transit Co.....	Do.
William G. Mather.....	KKUI	300,450,600	PG	Cleveland Cliffs Iron Co.	Do.
William Green.....	WIY	300,450,600	PG	Pan-American Petroleum & Transport Co.	Do.
William H. Webb.....	KOZY	300,600	PG	U. S. S. B.....	S. O. R. S.
William Isom.....	KVY	300,450,600	PG	American-Italian Commercial Corp.	R. C. of A.
William M. Mills.....	KEJT	300,600	PG	William M. Mills.....	I. W. T. Co.
William N. Page.....	WFOO	300,600	PG	Castner, Curran & Bullitt.	R. C. of A.
Willmantic.....	KMIO	300,600	PG	U. S. S. B.....	S. O. R. S.
Willpolq.....	KOBM	300,600	PG	Williams S. S. Co.....	R. C. of A.
Willcox.....	WPAO	300,600	PG	U. S. S. B.....	I. W. T. Co.
Windber.....	WND	300,450,600	PG	Pacific-American Fisheries.	R. C. of A.
Winding Gulf.....	WFEE	300,600	PG	Castner, Curran & Bullitt.	Do.
Winifred.....	KTE	300,600	PG	Gulf Refining Co.....	I. W. T. Co.
Winnebago.....	KTEI	300,450,525,600	PG	American Transatlantic Co.	Owner of vessel.
Winona.....	KUNV	300,450,600	PG	U. S. S. B.....	R. C. of A.
Winona County.....	KIZR	300,600	PG	do.....	Do.
Winston-Salem.....	KJZF	300,600	PG	do.....	S. O. R. S.
Winyah.....	KIMM	300,600	PG	do.....	Do.
Wishkah.....	KNEU	300,600	PG	do.....	Do.
Wisla.....	KOTP	300,600	PG	Polish-American Nav. Corp.	R. C. of A.
Wisteria.....	KOJN	300,600	PG	Foreign & Domestic Transportation Corp.	Do.
W. K. Bixby.....	KURJ	300,600	PG	American S. S. Co.....	Do.
W. L. Steed.....	WSEE	300,600	PG	U. S. S. B.....	Do.
W. M. Burton.....	KMIU	300,600	PG	Atlantic Refining Co.....	Do.
Wm. F. Herrin.....	WTN	300,600,1800	PG	Associated Oil Co.....	F. T. Co.
Wm. G. Warden.....	KNF	300,450,600	PG	Standard Oil Co. of N. J.	R. C. of A.
W. M. Irish.....	KJOE	300,600	PG	Atlantic Refining Co..	Do.
W. M. Tupper.....	WJR	300,600	PG	Gulf & Southern Steamship Co.	Do.
Wonahbe.....	KIBX	300,600	PG	U. S. S. B.....	Do.
Woodman.....	KIBP	300,600	PG	do.....	I. W. T. Co.
Woodmansie.....	KIPF	300,600	PG	do.....	S. O. R. S.
Woonsocket.....	WCW	300,450,600	PG	do.....	R. C. of A.
Worcester.....	KIKL	300,600	PG	do.....	S. O. R. S.
Woudrichem.....	KGIU	300,600	PG	Universal Transportation Co.	I. W. T. Co.
Woyaca.....	KETK	300,600	PG	U. S. S. B.....	S. O. R. S.
W. S. Porter.....	WTM	300,600,1800	PG	Associated Oil Co.....	F. T. Co.
W. S. Rheem.....	WGAO	300,600	PG	U. S. S. B.....	R. C. of A.
Wyandotte.....	WCO	300,500,600	PG	Wyandotte Transportation Co.	Do.
Wyandotte.....	WJW	300,450,600	PG	U. S. S. B.....	S. O. R. S.
Wye.....	KERS	300,600	PG	do.....	Do.
Wynooche.....	KFE	300,600	PG	U. S. S. B.....	R. C. of A.
Wyoming.....	KQT	300,450,600	PG	France & Canada S. S. Corp.	Do.
Wytheville.....	KITL	300,600	PG	U. S. S. B.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service.	Owner of vessel.	Station controlled by—
Xenia.....	KOLQ	300,450,600	PG	Foreign & Domestic Transportation Corp.	R. C. of A.
Yadkin.....	KWL	300,600	PG	U. S. S. B.....	Do.
Yainax.....	WXAE	300,600	PG	do.....	S. O. R. S.
Yakima.....	KNUI	300,600	PG	do.....	I. W. T. Co.
Yaklok.....	KIGX	300,600	PG	do.....	Do.
Yamhill.....	WVIE	300,600	PG	do.....	Do.
Yaquina.....	KENF	300,600	PG	do.....	R. C. of A.
Yawah.....	KEDF	300,600	PG	do.....	I. W. T. Co.
Yellowstone.....	KJEE	300,600	PG	do.....	S. O. R. S.
Yesoking.....	KERQ	300,600	PG	do.....	Do.
Yomachichi.....	WPAI	300,600	PG	do.....	R. C. of A.
York Harbor.....	KOJB	300,600	PG	do.....	Do.
Yosemite.....	KYS	300,476,600	PG	do.....	Do.
Yosemite.....	WQY	300,600	PG	Pope & Talbot Co.....	Do.
Youngstown.....	KIFX	300,600	PG	U. S. S. B.....	S. O. R. S.
Yucca.....	KWJ	300,600	PG	do.....	Do.
Yukon.....	WXEU	300,600	PG	do.....	R. C. of A.
Yuma.....	WJAI	300,600	PG	Tropical Fruit Co.....	I. W. T. Co.
Zaca.....	WKOA	300,600	PG	U. S. S. B.....	Do.
Zacapa.....	KLE	300,450,600	PG	United Fruit Co.....	T. R. T. Co.
Zapora.....	WPQ	300,600	PG	Booth Fisheries Co.....	S. O. R. S.
Zarembo.....	KICS	300,600	PG	Nacirema S. S. Corp.....	I. W. T. Co.
Zavalla.....	KEVC	300,450,600	PG	do.....	R. C. of A.
Zenith.....	KZE	300,600	P	Charles Longstreth.....	
Zirkel.....	WREO	300,600	PG	U. S. S. B.....	I. W. T. Co.
Zulia.....	KDZ	300,450,600	PG	Atlantic & Caribbean Steam Navigation Co.	R. C. of A.

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

Call signal.	Station.	Call signal.	Station.		
KBAA	Lake Ontario.....	b	KEBS	Jekyl.....	b
KBAI	Lake Bridge.....	b	KEBT	Nesco.....	b
KBAO	Lake Superior.....	b	KEBV	Lake Flushing.....	b
KBAU	Lakeshore.....	b	KEBX	Remus.....	b
KBEA	Lake Weir.....	b	KEBZ	The Lambs.....	b
KBEE	Lakeview.....	b	KEC	Concho.....	b
KBEI	Lake Dunmore.....	b	KECB	Edenton.....	b
KBEO	Lake George.....	b	KECC	Marshfield.....	b
KBEU	Ardena.....	b	KECF	Cawker.....	b
KBIA	Fort George.....	b	KECG	Chicago Bridge.....	b
KBOE	Artisan.....	b	KECJ	Decatur Bridge.....	b
KBOO	Lakewood.....	b	KECK	Hico.....	b
KBOU	Lakeland.....	b	KECL	Opelika.....	b
KBUA	Lake Traverse.....	b	KECM	Lake Gitano.....	b
KBUE	Lake Stirling.....	b	KECN	Lake Fannin.....	b
KBUI	Vittorio Emmanuele III.....	b	KECR	West Tacook.....	b
KBUC	Westmount.....	b	KECS	Duquesne.....	b
KBUD	Westboro.....	b	KECT	Horado.....	b
KCAE	Chetopa.....	b	KECV	Lake Flyntus.....	b
KCOE	Nipisic.....	b	KECX	West Imboden.....	b
KDA	Philadelphia.....	b	KECZ	Ahala.....	b
KDAB	Hog Island, Pa.....	c	KFDB	Balosaro.....	b
KDAC	Sinasta.....	b	KEDC	Dalgada.....	b
KDAD	Agwisun.....	b	KEDD	Acrema.....	b
KDAF	Peconic.....	b	KEDF	Yawah.....	b
KDAG	M. Mitchell Davis.....	b	KEDG	Kamesit.....	b
KDAH	Fairport, Va.....	c	KEDK	Onekama.....	b
KDAJ	N. & K. No. 2.....	b	KEDL	Fame.....	b
KDAK	Fish Canners No. 1.....	b	KEDM	Lake Faribault.....	b
KDAL	Broxton.....	b	KEDN	Lake Fariston.....	b
KDAM	West Notus.....	b	KEDP	Lake Farley.....	b
KDAN	West Kebar.....	b	KEDQ	West Maximus.....	b
KDAP	West Kedron.....	b	KEDR	Western Glen.....	b
KDAQ	William B. Livingstone.....	b	KEDS	Imufka.....	b
KDB	Caracas.....	b	KEDT	West Quebec.....	b
KDD	Cartago.....	b	KEDV	West Nosska.....	b
KDE	Carrillo.....	b	KEDX	West Hardaway.....	b
KDEA	Lake Fernwood.....	b	KEDZ	West Hargrave.....	b
KDF	Coppename.....	b	KEE	West Catanace.....	b
KDG	Parismina.....	b	KEF	Henry R. Mallory.....	b
KDH	Hercdia.....	b	KEFB	Sac City.....	b
KDI	Abangarez.....	b	KEFC	West Camilax.....	b
KDJ	San Jose.....	b	KEFD	Bar Harbor.....	b
KDK	Atenas.....	b	KEFF	Tanka.....	b
KDL	Levisa.....	b	KEFJ	Copalgrove.....	b
KDM	Maracaibo.....	b	KEFK	Cerro Gardo.....	b
KDO	Esparta.....	b	KEFL	Chamberino.....	b
KDOI	Consort.....	b	KEFM	Lake Inaha.....	b
KDQ	Santore.....	b	KEFN	Lake Friar.....	b
KDR	Limon.....	b	KEFO	Lake Frio.....	b
KDS	Sixaola.....	b	KEFQ	Western Knight.....	b
KDT	Turrialba.....	b	KEFR	Ossining.....	b
KDV	Libby Maine.....	b	KEFS	West Harlan.....	b
KDW	Nakat Inlet, Alaska.....	c	KEFT	City of Eureka.....	b
KDX	Firmore.....	b	KEFX	West Harshaw.....	b
KDY	Walter D. Noyes.....	b	KEFZ	West Harts.....	b
KDZ	Zulia.....	b	KEG	Rio Grande.....	b
KEA	Phyllis.....	b	KEGB	Morganza.....	b
KEB	Sabine.....	b	KEGC	Bristol.....	b
KEBC	Nehalem.....	b	KEGF	Eclipse.....	b
KEBD	Abron.....	b	KEGG	Chamblee.....	b
KEBF	Edgefield.....	b	KEGJ	Chaparel.....	b
KEBG	Fort Stevens.....	b	KEGK	Chantier.....	b
KEBJ	Fort Scott.....	b	KEGL	Lake Foxcraft.....	b
KEBK	Fort Smith.....	b	KEGM	Dirigo.....	b
KEBL	Fort Sill.....	b	KEGN	Lake Frolono.....	b
KEBM	Lake Giltedge.....	b	KEGP	Lake Frugality.....	b
KEBN	Lake Girth.....	b	KEGQ	Saluda.....	b
KEBP	Lake Farabec.....	b	KEGR	Lake Frohna.....	b
KEBQ	West Henshaw.....	b	KEGS	West Hartland.....	b
KEBR	Lake Strabo.....	b	KEGT	West Hartland.....	b

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

Call signal.	Station.	Call signal.	Station.		
KEGX	West Hassayampa.....	b	KENJ	West Compo.....	b
KEH	Nueces.....	b	KENK	West Modus.....	b
KEI	Medina.....	b	KENL	Boone.....	b
KEJ	Alamo.....	b	KENM	Coverun.....	b
KEJB	Kokomo.....	b	KENN	Cowan.....	b
KEJD	Easterling.....	b	KENP	Lake Elkwood.....	b
KEJF	Western Ally.....	b	KENQ	Ballew.....	b
KEJG	Lake Fraichur.....	b	KENR	Itompa.....	b
KEJJ	Lake Fraley.....	b	KENS	Cabrille.....	b
KEJK	Lake Grainger.....	b	KENT	Lake Frecks.....	b
KEJL	Lake Grama.....	b	KENV	Ballcamp.....	b
KEJN	Lake Fanbush.....	b	KENX	Clincho.....	b
KEJP	Lake Faulk.....	b	KENZ	Banaran.....	b
KEJQ	Cabegon.....	b	KEP	Lampasas.....	b
KEJS	West Amargosa.....	b	KEPB	Fort Leavenworth.....	b
KEJT	William M. Mills.....	b	KEPC	Burnwood.....	b
KEJV	Faraby.....	b	KEPD	Diablo.....	b
KEJX	Transportation.....	b	KEPF	Mercer.....	b
KEK	San Marcos.....	b	KEPG	Agwistar.....	b
KEKB	East Wind.....	b	KEPJ	Brevard.....	b
KEKC	Norma.....	b	KEPK	Briarcliffe.....	b
KEKD	West Cobalt.....	b	KEPL	Aledo.....	b
KEKF	Berela.....	b	KEPM	Lake Elkwater.....	b
KEKG	Lake Grampian.....	b	KEPN	Lake Ellendale.....	b
KEKJ	Lake Grampus.....	b	KEPP	Lake Ellenorah.....	b
KEKL	Saguache.....	b	KEPQ	Proctor.....	b
KEKM	Lake Fansdale.....	b	KEPR	Sahale.....	b
KEKN	Lake Fanquier.....	b	KEPS	Laxy Bay, Alaska.....	c
KEKP	Lake Furlough.....	b	KEPT	Saco.....	b
KEKQ	Castle Wood.....	b	KEPV	Wallingford.....	b
KEKR	Homestead.....	b	KEPX	Alcis.....	b
KEKS	Tartar.....	b	KEPZ	Alector.....	b
KEKT	Oscoda.....	b	KEQ	Port Walter, Alaska.....	c
KEKV	Neabsco.....	b	KEQB	Dallas.....	b
KEKX	Batanes.....	b	KEQC	Barugo.....	b
KEKZ	Bluffton.....	b	KEQD	Bolikow.....	b
KEL	Isonomia.....	b	KEQE	Banicaa.....	b
KELB	North Pole.....	b	KEQF	Baldridge.....	b
KELC	Polar Star.....	b	KEQJ	Baldrock.....	b
KELD	Albatross.....	b	KEQK	Belvidere.....	b
KELF	Eldora.....	b	KEQL	Nemassa.....	b
KELG	Buckhannon.....	b	KEQM	Lake Ellerslie.....	b
KELJ	Berea.....	b	KEQN	Lake Ellicott.....	b
KELK	West Elcajon.....	b	KEQP	Lake Festinia.....	b
KELL	Boonsborough.....	b	KEQQ	Aculeo.....	b
KELM	Lake Fernando.....	b	KEQR	Galahad.....	b
KELN	Lake Ferrona.....	b	KEQS	Callao.....	b
KELP	Lake Fessenden.....	b	KEQV	Pisco.....	b
KELQ	Prusa.....	b	KEQX	Salaverry.....	b
KELR	Cochin.....	b	KER	H. M. Flagler.....	b
KELS	Damacan.....	b	KERB	Barias.....	b
KELT	Dardora.....	b	KERC	Batino.....	b
KELV	Obak.....	b	KERD	Katonah.....	b
KELX	Oyaka.....	b	KERF	Star of Greenland.....	b
KELZ	Nawitka.....	b	KERG	Shooters Island.....	b
KEM	Comal.....	b	KERJ	West Eral.....	b
KEMB	Ethelmute.....	b	KERK	Utoka.....	b
KEMC	Awensdaw.....	b	KERL	Ganeri.....	b
KEMD	Birchleaf.....	b	KERM	Lake Festus.....	b
KEMF	Guilford.....	b	KERN	Lake Fibre.....	b
KEMG	Susanna II.....	b	KERP	Lake Fielding.....	b
KEMJ	Panay.....	b	KERQ	Yesoking.....	b
KEMK	Hoxie.....	b	KERR	Benoni.....	b
KEML	Jacox.....	b	KERS	Wye.....	b
KEMM	Covalt.....	b	KERT	Bethelridge.....	b
KEMN	Covedale.....	b	KERX	Miller County.....	b
KEMP	Covena.....	b	KERZ	Cecil County.....	b
KEMQ	Finback.....	b	KES	San Jacinto.....	b
KEMR	Oraton.....	b	KESB	Lake Foxboro.....	b
KEMT	Tavernilla.....	b	KESC	Sacandaga.....	b
KEMV	Santurce.....	b	KESD	Castle Point.....	b
KEMX	West Vaca.....	b	KESF	Arambi.....	b
KEMZ	Ballenas.....	b	KESG	Sapinero.....	b
KEN	H. F. Dimock.....	b	KESJ	West Carruth.....	b
KENB	Tyee.....	b	KESK	Lake Flovilla.....	b
KENC	East Cape.....	b	KESL	Cowardin.....	b
KEND	Triumph.....	b	KESM	Lake Fife.....	b
KENF	Yaquina.....	b	KESN	Lake Figart.....	b
KENG	West Avenal.....	b	KESP	Lake Fighting.....	b

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

Call signal.	Station.	Call signal.	Station.		
KESQ	Bidwell.....	b	KFB	City of Atlanta.....	b
KESR	Hampton Roads.....	b	KFD	Lake Janet.....	b
KESV	City of Freeport.....	b	KFE	Wynooche.....	b
KESX	D'Arbonne.....	b	KFEO	Monana.....	b
KESZ	Henry Clay.....	b	KFF	Frieda.....	b
KET	{Bolinas, Calif. (transmitting).....	c	KFG	Feltore.....	b
	{Marshall, Calif. (receiving).....	c	KFH	West Ashawa.....	b
KETC	Quapaw.....	b	KFI	I. D. Fletcher.....	b
KETD	Quemakoning.....	b	KFJ	City of Augusta.....	b
KETF	Esopus.....	b	KFK	City of Savannah.....	b
KETJ	Moss Point.....	b	KFL	Maryanne.....	b
KETK	Woyaca.....	b	KFM	Mahnet.....	b
KETL	Bonneteere.....	b	KFN	Tormenter.....	b
KETM	Askawake.....	b	KFO	Buccanore.....	b
KETN	Edgehill.....	b	KFP	Nacoochee.....	b
KETP	Edgemont.....	b	KFQ	Owego.....	b
KETQ	Arundel.....	b	KFT	Tasco.....	b
KETR	Aspenhill.....	b	KFV	Borinque.....	b
KETS	Boxbutte.....	b	KFW	Freedom.....	b
KETT	Boykin.....	b	KFX	City of St. Louis.....	b
KETV	Joan of Arc.....	b	KFY	City of Montgomery.....	b
KETX	Georgina Rolph.....	b	KGA	Coamo.....	b
KETZ	Annette Rolph.....	b	KGA E	New Windsor.....	b
KEU	S. V. Harkness.....	b	KGB	Baganito.....	b
KEVB	Osawatomie.....	b	KGD	Suruga.....	b
KEVC	Zavalla.....	b	KGE	Westwego.....	b
KEVD	West Corum.....	b	KGIU	Woudrichem.....	b
KEVF	Edgemoor.....	b	KGJ	San Juan.....	b
KEVG	Eldena.....	b	KGK	Edgar F. Luckenbach.....	b
KEVJ	Fort Seward.....	b	KGL	Dochra.....	b
KEVL	Grayling.....	b	KGM	Mexicano.....	b
KEVM	Nishmaha.....	b	KGOE	Lake Harney.....	b
KEVN	Osaquamsick.....	b	KGP	Ponce.....	b
KEVP	Ozette.....	b	KGQ	Edward Luckenbach.....	b
KEVR	Hartwood.....	b	KGR	Cambridge.....	b
KEVS	Chappell.....	b	KGS	Senator Bailey.....	b
KEVT	Schodack.....	b	KGT	J. L. Luckenbach.....	b
KEVV	Schoharie.....	b	KGUE	Caribbean.....	b
KEVX	Tollard.....	b	KGUI	Apex.....	b
KEVZ	Lake Faresman.....	b	KGV	Fred'k Luckenbach.....	b
KEX	Josiah Macy.....	b	KGW	Isabela.....	b
KEXB	McKeesport.....	b	KGX	Sewells Point.....	b
KEXC	Puyallup.....	b	KGZ	Julia Luckenbach.....	b
KEXD	Elihu Thomson.....	b	KHA	Uyak, Alaska.....	c
KEXF	West Munham.....	b	KHB	Kvichak, Alaska.....	c
KEXG	West Nohno.....	b	KHC	Chignik, Alaska.....	c
KEXJ	West Togus.....	b	KHD	Stanwood.....	b
KEXK	West Totant.....	b	KHE	Lake Silver.....	b
KEXL	Lake Folcroft.....	b	KHF	Snag Point, Alaska.....	c
KEXM	Wawalona.....	b	KHG	Clarks Point, Alaska.....	c
KEXN	Moline.....	b	KHK	Wahiawa, Hawaii.....	c
KEXQ	South Bend.....	b	KHL	Lahaina, Hawaii.....	c
KEXR	Grand Haven.....	b	KHM	Lihue, Hawaii.....	c
KEXS	Milwaukee.....	b	KHN	Kawaihae, Hawaii.....	c
KEXT	Peter H. Crowell.....	b	KHO	Kaunakakai, Hawaii.....	c
KEXV	Hoven.....	b	KHP	Mangore.....	b
KEXX	West Cajoot.....	b	KHR	J. W. Van Dyke.....	b
KEXZ	Glymont.....	b	KHS	H. C. Folger.....	b
KEY	Cape Edwards, Alaska.....	c	KHT	Naknek, Alaska.....	c
KEZ	Brazos.....	b	KHU	Lake Ogden.....	b
KEZB	Lake Sapor.....	b	KHV	Lake Jessup.....	b
KEZC	Lake Fonda.....	b	KHW	Lake Charles.....	b
KEZD	Lake Fontana.....	b	KHY	K. I. Luckenbach.....	b
KEZF	Lake Fontanet.....	b	KHZ	Mystic.....	b
KEZJ	Lake Gilboa.....	b	KIA	Ardmore.....	b
KEZK	Lake Gilpen.....	b	KIB	Muskogee.....	b
KEZL	Lake Gilta.....	b	KIBC	Lake Gebe.....	b
KEZM	West Harcuvar.....	b	KIBD	Silverbrook.....	b
KEZN	West Hembric.....	b	KIBF	Shenandoah.....	b
KEZP	West Hematite.....	b	KIBG	Milwaukee Bridge.....	b
KEZQ	Glyndon.....	b	KIBH	National Bridge.....	b
KEZR	West Celina.....	b	KIBI	Passaic Bridge.....	b
KEZS	Brookside.....	b	KIBK	Opequan.....	b
KEZT	Gray Eagle.....	b	KIBL	Masca.....	b
KEZX	Mannahocking.....	b	KIBM	Sophie Frankel.....	b
KEZZ	Poughkeepsie.....	b	KIBN	Santa Malta.....	b
KFA	City of Columbus.....	b	KIBP	Woodman.....	b
KFAI	Glendola.....	b	KIBQ	Sauzus.....	b
KFAO	Glendoyle.....	b	KIBR	Craftsman.....	b

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

Call signal.	Station.	Call signal.	Station.		
KIBS	Braxton.....	b	KIHF	Corning.....	b
KIBT	Corvallis.....	b	KIIG	Evangeline.....	b
KIBV	Brentwood.....	b	KIJJ	Acme.....	b
KIBX	Wonahbe.....	b	KIJB	Lake Candelaria.....	b
KIBZ	Byfield.....	b	KIJC	Balsam.....	b
KIC	Standard.....	b	KIJD	Barrenfark.....	b
KICB	Bushrod.....	b	KIJE	Barryton.....	b
KICC	Butte.....	b	KIJG	Wicasta.....	b
KICD	Dardania.....	b	KIJJ	Sabotawan.....	b
KICF	Datis.....	b	KIJK	Kisnop.....	b
KICG	Dertona.....	b	KIJL	Edellyn.....	b
KICJ	Diana.....	b	KIJM	Schroon.....	b
KICK	Deva.....	b	KIJN	Knoxville.....	b
KICM	Edgewood.....	b	KIJP	Montgomery.....	b
KICN	Eldridge.....	b	KIJQ	Hoxbar.....	b
KICP	West Islay.....	b	KIJR	Barstow.....	b
KICQ	West Isleta.....	b	KIJS	Butterfield.....	b
KICR	Gaffney.....	b	KIJT	Buttercup.....	b
KICS	Zarembo.....	b	KIJV	Bethlehem Bridge.....	b
KICT	*Sea Bird.....	b	KIJX	Brasher.....	b
KICV	Gunston Hall.....	b	KIJZ	Dade County.....	b
KICX	Alta.....	b	KIK	Westerner.....	b
KICZ	Admiral Evans.....	b	KIKB	Hillsborough County.....	b
KID	Matinicock.....	b	KIKC	Jackson.....	b
KIDB	Lake Granby.....	b	KIKD	Johnson City.....	b
KIDC	Satartia.....	b	KIKF	Jefferson County.....	b
KIDD	West Alcoz.....	b	KIKG	St. Johns County.....	b
KIDF	Hegira.....	b	KIKJ	St. Augustine.....	b
KIDJ	Mulpua.....	b	KIKK	Shortsville.....	b
KIDK	Borad.....	b	KIKL	Worcester.....	b
KIDL	Genesee.....	b	KIKM	West Kasson.....	b
KIDM	Anniston.....	b	KIKN	Mendora.....	b
KIDN	Chattanooga.....	b	KIKP	Moosabee.....	b
KIDP	Louisville Bridge.....	b	KIKQ	Ambridge.....	b
KIDQ	Schoodic.....	b	KIKR	Clairston.....	b
KIDR	Romulus.....	b	KIKS	Argenta.....	b
KIDS	Lake Canaveral.....	b	KIKT	Evansville.....	b
KIDT	Barralton.....	b	KIKV	Bon Secour.....	b
KIDV	Waukau.....	b	KIKX	West Islip.....	b
KIDX	Waukegan.....	b	KIKZ	Chio.....	b
KIDZ	Orleans.....	b	KIL	Hewitt.....	b
KIE	(Kahuku, Hawaii (transmitting)).....	c	KILB	Clodia.....	b
	(Koko Head, Hawaii (receiving)).....	c	KILC	Himoto.....	b
KIFB	West Irmo.....	b	KILD	Asotin.....	b
KIFC	Hukey.....	b	KILF	Elmsport.....	b
KIFD	West Cavanal.....	b	KILG	Edisto.....	b
KIFF	Alderman.....	b	KILH	Edmore.....	b
KIFG	Favorite.....	b	KILK	Colorado Springs.....	b
KIFJ	Kishacoquillas.....	b	KILL	City of Spokane.....	b
KIFK	Chautauqua.....	b	KILM	Waxahachie.....	b
KIFL	Delphine.....	b	KILN	Neshaminy.....	b
KIFN	Humrick.....	b	KILO	Meriden.....	b
KIFP	West Conob.....	b	KILQ	Shaume.....	b
KIFQ	Bound Brook.....	b	KILR	Scantic.....	b
KIFR	Barranca.....	b	KILS	Flkwater.....	b
KIFS	Kimta.....	b	KILT	West Calumb.....	b
KIFT	Angelina.....	b	KILV	Ipswich.....	b
KIFV	Andrea F. Luckenbach.....	b	KILX	Monasses.....	b
KIFX	Youngstown.....	b	KILZ	West Cawthon.....	b
KIFZ	Lorain.....	b	KIM	Latouche, Alaska.....	c
KIG	Pioneer.....	b	KIMB	Tuckanuck.....	b
KIGB	Lake Glencoe.....	b	KIMC	Tripp.....	b
KIGC	Humaconna.....	b	KIMD	Deer Lodge.....	b
KIGD	Hulver.....	b	KIME	West Chetac.....	b
KIGF	Seekonk.....	b	KIMJ	Cushnoc.....	b
KIGG	Walden.....	b	KIMK	Vacuum II.....	b
KIGJ	Director.....	b	KIML	Santa Leonora.....	b
KIGK	Intan.....	b	KIMM	Winyah.....	b
KIGL	Polybius.....	b	KIMN	Salvation Lass.....	b
KIGM	Lake Farlin.....	b	KIMP	Pontchartrain.....	b
KIGN	Atlantus.....	b	KIMQ	East Side.....	b
KIGP	Gratia.....	b	KIMR	Dochet.....	b
KIGQ	Santa Elisa.....	b	KIMS	Burnwell.....	b
KIGR	Blair.....	b	KIMT	Mount Evans.....	b
KIGS	Harry Luckenbach.....	b	KIMV	Lake Cannonsburg.....	b
KIGT	Bessemer.....	b	KIMX	Orinoco.....	b
KIGV	Battonville.....	b	KIMZ	Pipetstone County.....	b
KIGX	Yaklok.....	b	KIN	Patrol.....	b
KIGZ	Ashbec.....	b	KINB	Ogontz.....	b

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

Call signal.	Station.	Call signal.	Station.		
KINC	Hyannis.....	b	KISN	Lake Fagundus.....	b
KINF	Coogan.....	b	KISP	Lake Fairlie.....	b
KING	Watertown.....	b	KISQ	Aol.....	b
KINJ	Lake Fabyan.....	b	KISR	City of Fairbury.....	b
KINK	Lake Glasco.....	b	KISS	Liberty Land.....	b
KINL	Pere Marquette 8.....	b	KIST	Laborer.....	b
KINM	Lehigh.....	b	KISV	Asquam.....	b
KINN	West Ison.....	b	KISX	Lake Farrar.....	b
KINP	West Hepburn.....	b	KIT	Tiger.....	b
KINQ	Eelbeck.....	b	KITB	Lake Palama.....	b
KINR	Olen.....	b	KITC	Babboosc.....	b
KINS	Boston Bridge.....	b	KITF	Firthcliffe.....	b
KINT	Bay Head.....	b	KITG	Kittegaun.....	b
KINV	Calno.....	b	KITJ	Innoko.....	b
KINX	Davidson County.....	b	KITK	Bellbuckle.....	b
KINZ	Pawtucket.....	b	KITL	Wytheville.....	b
KIO	Brynhdka.....	b	KITM	Betsy Bell.....	b
KIP	General W. C. Gorgas.....	b	KITN	Nameaug.....	b
KIPB	Asstnippi.....	b	KITP	Lake Gadsden.....	b
KIPC	Pontia.....	b	KITQ	Lake Singara.....	b
KIPD	Wallkill.....	b	KITR	Keshena.....	b
KIPF	Woodmansie.....	b	KITS	Klokee.....	b
KIPG	Doylestown.....	b	KITT	Kiron.....	b
KIPJ	West Chatala.....	b	KITV	Kitchi.....	b
KIPK	West Segovia.....	b	KITX	Willfaro.....	b
KIPL	Pyramus.....	b	KITZ	West Inskip.....	b
KIPM	Utina.....	b	KIU	Western Hero.....	b
KIPN	Lake Gazette.....	b	KIVB	Minnequa.....	b
KIPP	American Star.....	b	KIVC	Kewanee.....	b
KIPQ	Lake Fablus.....	b	KIVD	Marina.....	b
KIPR	S. B. Hunt.....	b	KIVF	Lightburne.....	b
KIPS	Geo. H. Jones.....	b	KIVG	Mercer Victory.....	b
KIPT	Edna.....	b	KIVJ	Hatchie.....	b
KIPV	Luxpallie.....	b	KIVK	Traveller.....	b
KIPX	Maiden Creek.....	b	KIVM	Lake Fear.....	b
KIPZ	Lake Farmingdale.....	b	KIVN	Explorer.....	b
KIQ	Astral.....	b	KIVP	Westoil.....	b
KIQB	Belfort.....	b	KIVQ	Huguenot.....	b
KIQC	Westmoreland.....	b	KIVR	Devolente.....	b
KIQD	Cansumset.....	b	KIVS	Delfina.....	b
KIQF	Cotati.....	b	KIVT	Delisle.....	b
KIQG	West Aleta.....	b	KIVV	West Cactus.....	b
KIQJ	Fort Logan.....	b	KIVX	Guardzman.....	b
KIQK	Cold Spring.....	b	KIVZ	Custodian.....	b
KIQL	Cleopatra.....	b	KIXB	West Cheswald.....	b
KIQM	Nedimac.....	b	KIXC	West Raritans.....	b
KIQN	Lake Farragut.....	b	KIXD	Lackawanna Valley.....	b
KIQP	Lake Fackler.....	b	KIXF	Abianset.....	b
KIQQ	Thala.....	b	KIXG	Asabeth.....	b
KIQR	Hugoton.....	b	KIXJ	Fourth Alabama.....	b
KIQS	Bathgate.....	b	KIXK	Lafcom.....	b
KIQT	Bathalum.....	b	KIXL	Lebanon.....	b
KIQV	Corson.....	b	KIXM	Lockport.....	b
KIQX	Fluor Spar.....	b	KIXN	Lordship Manor.....	b
KIR	Eagle.....	b	KIXP	Nonantum.....	b
KIRB	Lake Farber.....	b	KIXQ	Putnam.....	b
KIRC	Newton.....	b	KIXR	Tulsa.....	b
KIRF	West Cayote.....	b	KIXS	Abraham Lincoln.....	b
KIRG	New Britain.....	b	KIXT	Lake Flagon.....	b
KIRJ	Lake Frumet.....	b	KIXV	Champion.....	b
KIRK	Sharon.....	b	KIXX	Wekika.....	b
KIRM	Arenas.....	b	KIXZ	West Selene.....	b
KIRN	Haddon.....	b	KIZB	Delco.....	b
KIRP	Waco.....	b	KIZC	Bakersfield.....	b
KIRQ	Delavan.....	b	KIZD	Barthney.....	b
KIRR	Cambridge.....	b	KIZF	Buffalo Bridge.....	b
KIRS	John Ena.....	b	KIZG	Parksville.....	b
KIRT	Derbyline.....	b	KIZJ	Dauperata.....	b
KIRV	Lake Fairfax.....	b	KIZK	Katherine.....	b
KIRX	Casper.....	b	KIZL	Avalon.....	b
KIRZ	Glen Ridge.....	b	KIZM	Lake Flagstaff.....	b
KIS	Marshall, Alaska.....	c	KIZN	Lake Flambeau.....	b
KISB	Conewago.....	b	KIZP	Shickshinny.....	b
KISC	Orcus.....	b	KIZQ	Bannack.....	b
KISD	Seattle Spirit.....	b	KIZR	Winona County.....	b
KISF	Wheatland Montana.....	b	KIZS	Vincent.....	b
KISG	Elkridge.....	b	KIZT	Algonquin.....	b
KISJ	Stanley.....	b	KIZV	Imlay.....	b
KISK	West Keene.....	b	KIZX	Labette.....	b
KISM	Baldbutte.....	b	KIZZ	Rockaway Park.....	b

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

Call signal.	Station.	Call signal.	Station.
KJA	Jualin, Alaska.....	KKQ	El Sud.....
KJAA	Chebaulip.....	KKR	Creole.....
KJAE	West Indian.....	KKS	El Siglo.....
KJAI	West Durlee.....	KKT	El Cid.....
KJAO	West Lianga.....	KKU	El Mundo.....
KJAU	West Grove.....	KKUA	Wayucan.....
KJB	Bushong.....	KKUI	William G. Mather.....
KJC	Oconee.....	KKV	El Oriente.....
KJD	North Land.....	KKW	El Valle.....
KJE	Norlina.....	KKX	El Occidente.....
KJEA	Western Ocean.....	KKY	El Dia.....
KJEE	Yellowstone.....	KKZ	El Rio.....
KJEI	John M. Connelly.....	KLA	Pastores.....
KJEU	Santa Luisa.....	KLAA	Luella.....
KJF	Carolinian.....	KLAE	Overbrook.....
KJG	Eurana.....	KLAI	Afrania.....
KJH	West Wind.....	KLAO	Lake Crystal.....
KJI	Satsuma.....	KLAU	Lake Winona.....
KJIA	Barrington.....	KL B	Buttonwood.....
KJIE	Walter A. Luckenbach.....	KLC	Calamares.....
KJII	Muscatine.....	KLD	Fort Worth.....
KJIO	Paul H. Harwood.....	KLE	Zacapa.....
KJIU	Carib.....	KLEA	Lake Maurepas.....
KJK	King Cove, Alaska.....	KLEE	Lake St. Regis.....
KJL	False Pass, Alaska.....	KLEI	Lake Allen.....
KJM	West Cherow.....	KLEO	Lake Clear.....
KJN	J. A. Bostwick.....	KLEU	Lake Pewaukee.....
KJO	Glorieta.....	KLF	Metapan.....
KJOA	Faith.....	KL G	Santa Marta.....
KJOE	W. M. Irish.....	KLH	Saramacca.....
KJOI	Sturgeon Bay.....	KL I	Suriname.....
KJOO	West Bridge.....	KLIA	Lake Otisco.....
KJOU	Tuckahoe.....	KLIE	Lake Como.....
KJP	Joseph R. Parrott.....	KLIU	Lake Sunapee.....
KJT	Waban.....	KLJ	Beatrice.....
KJU	Bacoi.....	KLK	Craster Hall.....
KJUA	Ice King.....	KLL	Thompson Falls.....
KJUE	Radnor.....	KLM	Bantu.....
KJUI	Point Lobos.....	KL N	Abbeville.....
KJUO	West Alesek.....	KLO	Santa Rosalia.....
KJUU	West Apaum.....	KLOE	Lake Hemlock.....
KJV	West Haven.....	KLOI	Lakehurst.....
KJW	O. T. Waring.....	KLOO	Lake Lida.....
KJX	Westland.....	KLOU	Lake Shawano.....
KJY	West Point.....	KLQ	Great Falls, Mont. (Rainbow).....
KJZ	Chincha.....	KLR	Crofton Hall.....
KK A	Yakutat, Alaska.....	KLT	Howick Hall.....
KKAA	Sulzer, Alaska.....	KLU	Charlton Hall.....
KKAE	Nushagak, Alaska.....	KLUA	Lake Capens.....
KKAI	Hawk Inlet, Alaska.....	KLUE	Lake Sebago.....
KKAO	Kussilof, Alaska.....	KLUI	Lake Cayuga.....
KKAU	Avondale.....	KLUO	Lake Ennis.....
KKB	El Sol.....	KLUU	Agarista.....
KKC	Chalmette.....	KL V	San Mateo.....
KKD	Comus.....	KLW	Port Althorp, Alaska.....
KKE	Topila.....	KLX	Kernanshah.....
KKEA	Cabeza.....	KL Y	Deepwater.....
KKEE	Nanking.....	KLZ	Speedwell.....
KKEI	City of Sydney.....	KMA	Alianza.....
KKEO	Waukesha.....	KMAA	Admiral Nicholson.....
KKEU	Mariners Harbor.....	KMAI	Catherine D.....
KKF	Torres.....	KMAO	Kingfisher.....
KKG	El Almirante.....	KMAU	Ampetco.....
KKH	El Capitan.....	KMB	Amoleco.....
KKI	Kilkenny.....	KMD	Cristobal.....
KKIA	Daca.....	KME	Pennant.....
KKIE	Forster.....	KMET	Orizaba.....
KKII	Eyoto.....	KMEO	Cletus Schneider.....
KKIO	Wasco.....	KMEU	Pasadena.....
KKIU	Nacogdoches.....	KMF	Egegik, Alaska.....
KKJ	West Celeron.....	KMG	Ekuk, Alaska.....
KKL	El Alba.....	KMH	Patama.....
KKM	Momus.....	KMI	Tivives.....
KKN	El Norte.....	KMIA	Carib.....
KKO	Excelsior.....	KMIE	Cape Henry.....
KKOA	Biran.....	KMII	Masuda.....
KKOE	Lake Annette.....	KMIO	Willimantic.....
KKOO	Chimo.....	KMIU	W. M. Burton.....
KKOU	Wakanna.....	KMJ	Matoa.....
KKP	Mahanna.....	KMK	Naknek, Alaska.....

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

Call signal.	Station.	Call signal.	Station.		
KML	Lockanok, Alaska.....	c	KOBP	Bird City.....	b
KMM	Panuco.....	b	KOBQ	Gonzalis.....	b
KMN	Butte, Mont.....	c	KOBR	Barwick.....	b
KMOE	Accomac.....	b	KOBS	Bartolome.....	b
KMOI	Eldorado.....	b	KOBT	Lake Inglebrook.....	b
KMOO	Oakland.....	b	KOBV	Baldhill.....	b
KMOU	Edward Pierca.....	b	KOBX	Moshico.....	b
KMP	Metha Nelson (moored vessel).....	c	KOBZ	Lake Elon.....	b
KMQ	Sherman.....	b	KOC	Jamestown.....	b
KMR	Wellington.....	b	KOCB	Lake Savus.....	b
KMS	Ancon.....	b	KOCC	Epitacio Pesson.....	b
KMT	Libbyville, Alaska.....	c	KOCD	Texarkana.....	b
KMU	Ugashik, Alaska.....	c	KOCF	Nokatay.....	b
KMUA	Lake Lesang.....	b	KOCG	Lake Fiscus.....	b
KMUE	Lake Larga.....	b	KOCJ	Aquilo.....	b
KMUI	George W. Barnes.....	b	KOCK	West Pocasset.....	b
KMUO	Passett.....	b	KOCL	Elkhorn.....	b
KMUU	Lake Flume.....	b	KOCM	Marsodak.....	b
KMV	Advance.....	b	KOCN	Federal Bridge.....	b
KMW	Akutan, Alaska.....	c	KOCP	Continental Bridge.....	b
KMX	Colon.....	b	KOCQ	Clark Mills.....	b
KMY	Holden Evans.....	b	KOCR	John W. Wells.....	b
KMZ	General G. W. Goethals.....	b	KOCS	Lake Girardeau.....	b
KNA	Dorothy Bradford.....	b	KOCT	Hercules.....	b
KNAA	Western Sea.....	b	KOCV	West Saginaw.....	b
KNAE	West Cobas.....	b	KOCX	West Jaffrey.....	b
KNAI	Western City.....	b	KOCZ	Lake Ellsworth.....	b
KNAO	Western Chief.....	b	KOD	Jefferson.....	b
KNAU	Westford.....	b	KODB	Nobles.....	b
KNB	Lexington.....	b	KODC	Sunbeam.....	b
KNC	Concord.....	b	KODD	Lake Fisher.....	b
KND	Plymouth.....	b	KODF	West Caddoa.....	b
KNE	Clare.....	b	KODG	Siletz.....	b
KNEA	Western Spirit.....	b	KODK	Hathaway.....	b
KNEE	Santa Tecla.....	b	KODL	Menominee.....	b
KNEI	Quinalt.....	b	KODN	Endicott.....	b
KNEU	Wishkah.....	b	KODP	Babinda.....	b
KNF	Wm. G. Warden.....	b	KODQ	Hulaco.....	b
KNG	Bradford.....	b	KODR	Salem County.....	b
KNH	Brookton.....	b	KODS	Bellemina.....	b
KNI	De Soto.....	b	KODT	Dewey.....	b
KNIA	Wahkiakum.....	b	KODV	Hog Island.....	b
KNII	Cheron.....	b	KODX	Dillwyn.....	b
KNIO	Beloit.....	b	KODZ	Ophis.....	b
KNIU	Coloma.....	b	KOE	Communi paw.....	b
KNJ	Jason.....	b	KOF	Castle Town.....	b
KNK	Marica.....	b	KOFC	Bellhaven.....	b
KNL	Nelson.....	b	KOFD	Anaconda.....	b
KNM	Millnoocket.....	b	KOFF	Auditor.....	b
KNN	Wico.....	b	KOFG	Sunshine.....	b
KNO	Trinidadian.....	b	KOFJ	Chancock.....	b
KNOA	Manada.....	b	KOFK	Elkton.....	b
KNOE	Boulton.....	b	KOFL	Chepadoa.....	b
KNOI	Bancroft.....	b	KOFM	Lake Ellithorpe.....	b
KNOU	Bonmaion.....	b	KOFN	Cockaponset.....	b
KNP	Dayton.....	b	KOFP	Lake Ellsbury.....	b
KNQ	F. Q. Barstow.....	b	KOFQ	Lake Elmhurst.....	b
KNR	Moldegaard.....	b	KOFR	Basford.....	b
KNS	Sucroea.....	b	KOFS	Bascobel.....	b
KNU	Currier.....	b	KOFT	Bensalem.....	b
KNUA	Fonduco.....	b	KOFV	Lake Elpueblo.....	b
KNUI	Yakima.....	b	KOFX	Cook.....	b
KNUO	Maxama.....	b	KOFZ	Coquitt.....	b
KNUU	Borley.....	b	KOG	Madison.....	b
KNW	Robert M. Thompson.....	b	KOGB	Independent Bridge.....	b
KNX	Snsana.....	b	KOGC	Laokawanna Bridge.....	b
KNY	Fred W. Weller.....	b	KOGD	Moosehausc.....	b
KNZ	A. C. Bedford.....	b	KOGF	Kootenai.....	b
KOA	Hamilton.....	b	KOGJ	Noekum.....	b
KOBB	Shannock.....	b	KOGK	Escambia.....	b
KOBC	Ruby.....	b	KOGL	West Ira.....	b
KOBD	Orani.....	b	KOGM	Storm King.....	b
KOBF	Vanada.....	b	KOGN	Brave Coeur.....	b
KOBG	Editor.....	b	KOGP	Hadnot.....	b
KOBI	Deroche.....	b	KOGQ	Irvington.....	b
KOBL	West Katan.....	b	KOGR	Lake Fairport.....	b
KOBL	Lake Elljay.....	b	KOGS	Lake Flatonia.....	b
KOBM	Willpolo.....	b	KOGT	Lake Flanders.....	b
KOBN	Alameda.....	b	KOGV	Lake Gebhart.....	b

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

Call signal.	Station.	Call signal.	Station.		
KOGX	Merry Mount.....	b	KONF	Lakeside Bridge.....	b
KOGZ	Commissioner.....	b	KOMG	Margus.....	b
KOH	Glenpool.....	b	KONJ	Massillon Bridge.....	b
KOI	Polarine.....	b	KONK	Northwestern Bridge.....	b
KOJ	Ajax.....	b	KONL	Fargo.....	b
KOJB	York Harbor.....	b	KONM	La Crosse.....	b
KOJC	Hamlin.....	b	KONN	Sioux Falls.....	b
KOJD	Sinsinawa.....	b	KONP	Landsdowne.....	b
KOJF	Montana.....	b	KONQ	Andrew Jackson.....	b
KOJG	Jacksonville.....	b	KONR	Antietam.....	b
KOJJ	Lake Galata.....	b	KONS	Lake Strymon.....	b
KOJK	Hanover.....	b	KONT	Lake Elsmere.....	b
KOJL	Cripple Creek.....	b	KONV	Lake Filbert.....	b
KOJM	Lake Onawa.....	b	KONX	Detroit-Wayne.....	b
KOJN	Wisteria.....	b	KONZ	City of Alton.....	b
KOJP	Lake Favonia.....	b	KOP	Lackawanna.....	b
KOJQ	Lake Fitch.....	b	KOPB	Lake Fernalda.....	b
KOJR	Chickasaw.....	b	KOPC	Bavington.....	b
KOJS	Magneric.....	b	KOPD	Dannedaika.....	b
KOJT	Lake Galien.....	b	KOPF	Massick.....	b
KOJV	Portsmouth.....	b	KOPG	Minnewawa.....	b
KOJX	Lake Galewood.....	b	KOPJ	Terre Haute.....	b
KOJZ	Lake Gaither.....	b	KOPK	Circinus.....	b
KOK	St. Charles.....	b	KOPL	Corvus.....	b
KOKB	Tankerville.....	b	KOPM	Nika.....	b
KOKC	Northern Star.....	b	KOPN	Wasagya.....	b
KOKD	Bellerose.....	b	KOPP	Eastern Breeze.....	b
KOKF	Belleplaine.....	b	KOPQ	Bellflower.....	b
KOKG	Moositauke.....	b	KOPR	Kearny.....	b
KOKK	Iceland.....	b	KOPS	Coolcha.....	b
KOKL	Kaweah.....	b	KOPT	Eglantine.....	b
KOKM	Daniel Webster.....	b	KOPV	Lake Fillion.....	b
KOKP	Crisfield.....	b	KOPX	Mopang.....	b
KOKQ	Lake Elrio.....	b	KOPZ	Centaurus.....	b
KOKR	Inspector.....	b	KOQ	Manoa.....	b
KOKS	Lake Gera.....	b	KOQB	Clauseus.....	b
KOKT	Bethnor.....	b	KOQC	Hagau.....	b
KOKV	Kaleen.....	b	KOQD	Hagood.....	b
KOKX	Kolda.....	b	KOQF	Tri Mountain.....	b
KOKZ	Lake Pithian.....	b	KOQG	Lake Elmont.....	b
KOL	Mount Hope.....	b	KOQJ	Casey.....	b
KOLB	Aryan.....	b	KOQK	Coldbrook.....	b
KOLC	Orient.....	b	KOQL	Basswood.....	b
KOLD	Antonia.....	b	KOQM	Bastrop.....	b
KOLG	Tuwetanka.....	b	KOQN	Petunia.....	b
KOLJ	Lake Faxon.....	b	KOQP	McCreary County.....	b
KOLK	Lake Felden.....	b	KOQQ	West Ivis.....	b
KOLL	Clavarak.....	b	KOQR	Kingfisher.....	b
KOLM	Balcatta.....	b	KOQS	Egremont.....	b
KOLN	Susquehanna.....	b	KOQT	Quinnipiac.....	b
KOLP	Cathlamet.....	b	KOQV	Caldas.....	b
KOLQ	Xenia.....	b	KOQX	Nipmuc.....	b
KOLR	Lake Elmdale.....	b	KOQZ	Kayseeka.....	b
KOLS	Chicomico.....	b	KOR	Navahoe.....	b
KOLT	Effingham.....	b	KORB	West Minko.....	b
KOLV	Palisades.....	b	KORC	Macomet.....	b
KOLX	Cranford.....	b	KORD	Sundance.....	b
KOLZ	Lake Getaway.....	b	KORF	Noccalula.....	b
KOM	Trontolite.....	b	KORG	Cethana.....	b
KOMB	Lake Gert.....	b	KORJ	Challamba.....	b
KOMC	Lake Flattery.....	b	KORK	Dryden.....	b
KOMD	Deuel.....	b	KORL	Haleakala.....	b
KOMF	Bartholomew.....	b	KORM	Jadden.....	b
KOMG	Whitemarsh.....	b	KORP	Monomac.....	b
KOMJ	Penguin.....	b	KORQ	Vinton County.....	b
KOMK	Lycoming.....	b	KORS	Manham.....	b
KOML	J. R. Gordon.....	b	KORT	Hancock County.....	b
KOMM	Scottsburg.....	b	KORV	Wildwood.....	b
KOMN	San Antonio.....	b	KORX	Cliffwood.....	b
KOMP	Coahoma County.....	b	KORZ	Neptune.....	b
KOMQ	Afoundria.....	b	KOS	Lake Saba.....	b
KOMR	Ashland County.....	b	KOSB	Widecon.....	b
KOMS	Henry County.....	b	KOSC	Tenakee, Alaska.....	c
KOMT	Effna.....	b	KOSD	Nile.....	b
KOMV	Montague.....	b	KOSF	Monroe.....	b
KOMX	Peekskill.....	b	KOSG	Rapidan.....	b
KOMZ	Coskata.....	b	KOSJ	Danville.....	b
KONB	Cushnet.....	b	KOSK	Danvers.....	b
KONC	Cuttyhunk.....	b	KOSL	West Kader.....	b
KOND	Indiana Bridge.....	b			

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

Call signal.	Station.	Call signal.	Station.		
KOSM	City of St. Joseph.....	b	KOZN	Minooka.....	b
KOSN	John Roach.....	b	KOZP	Vigilant.....	b
KOSP	Sapona.....	b	KOZQ	City of Berkeley.....	b
KOSQ	Lake Treba.....	b	KOZR	Culburra.....	b
KOSR	Lake Elsay.....	b	KOZS	West Ivan.....	b
KOSS	John Adams.....	b	KOZT	Lake Elmwood.....	b
KOST	Chester Valley.....	b	KOZV	William H. Webb.....	b
KOSV	Kenowis.....	b	KOZX	Norumbega.....	b
KOSX	Hartford.....	b	KOZZ	Collamer.....	b
KOSZ	Curlew.....	b	KPAA	Point Judith.....	b
KOT	Kanak.....	b	KPAE	Toka.....	b
KOTB	Lake Falun.....	b	KPAI	Biloxi.....	b
KOTC	Teal.....	b	KPAO	Kasota.....	b
KOTD	Cross Keys.....	b	KPAU	Blandon.....	b
KOTF	Mitchell.....	b	KPD	W. H. Tilford.....	b
KOTG	West Jena.....	b	KPEA	Boilston.....	b
KOTJ	Lake Slavi.....	b	KPEE	Callooh.....	b
KOTK	West Neris.....	b	KPEI	Moritz.....	b
KOTL	Vinita.....	b	KPEO	Damuru.....	b
KOTM	Robin Hood.....	b	KPEU	Moraine.....	b
KOTN	West Hesselting.....	b	KPF	General O. H. Ernst.....	b
KOTP	Wisla.....	b	KPG	General H. F. Hodges.....	b
KOTQ	Red Mountain.....	b	KPIA	Kenosha.....	b
KOTR	West Montop.....	b	KPIE	Pezuta.....	b
KOTS	Wild Goose.....	b	KPII	Sewickley.....	b
KOTT	Lake Fenn.....	b	KPIU	Issaquena.....	b
KOTV	Franklin County.....	b	KPK	Starlite.....	b
KOTX	Delanson.....	b	KPL	Moonlite.....	b
KOTZ	Benova.....	b	KPO	Twilite.....	b
KOV	Tidewater.....	b	KPOA	Blue Eagle.....	b
KOVV	Kwiglak Slough, Alaska.....	c	KPOI	Lonoke.....	b
KOVB	Gulftrade.....	b	KPOO	Honifay.....	b
KOVC	Lake Tippah.....	b	KPOU	Salmon.....	b
KOVD	Maquan.....	b	KPP	Dawnlite.....	b
KOVF	Amcross.....	b	KPQ	Sunlite.....	b
KOVG	Lake Elmsford.....	b	KPR	Daylite.....	b
KOVJ	Dilworth.....	b	KPS	Benjamin Brewster.....	b
KOVK	Sapelo.....	b	KPT	Achilles.....	b
KOVL	Lake Fandango.....	b	KPU	Ulysses.....	b
KOVM	Robin Adair.....	b	KPUA	Makanda.....	b
KOVN	E. A. Morse.....	b	KPUE	Belding.....	b
KOVP	Clarksburg.....	b	KPUI	Kineo.....	b
KOVQ	Etfay.....	b	KPUO	Benzonia.....	b
KOVR	Abercos.....	b	KPUU	Barabos.....	b
KOVS	Lake Fandon.....	b	KPW	Cape Cod.....	b
KOVT	Coeur d'Alene.....	b	KPY	Jane Palmer.....	b
KOVV	Coellega.....	b	KPZ	Governor Brooks.....	b
KOVX	Tampa.....	b	KQA	Harry Fanum.....	b
KOVZ	I. J. Merritt.....	b	KQAA	Cubura.....	b
KOW	Mascotte.....	b	KQAI	Wallowa.....	b
KOX	Henry M. Flagler.....	b	KQAO	Calala.....	b
KOXB	Haslehurst.....	b	KQAU	Dalana.....	b
KOXC	Suwied.....	b	KQB	Walter Hardcastle.....	b
KOXD	Tashmoo.....	b	KQC	Cretan.....	b
KOXF	Tekoa.....	b	KQD	Dorchester.....	b
KOXG	Toledo Bridge.....	b	KQE	Essex.....	b
KOXJ	Tona.....	b	KQEA	Clackamas.....	b
KOXK	Tonesit.....	b	KQEE	Anoka.....	b
KOXL	Tuladi.....	b	KQEI	Bell Brook.....	b
KOXM	Vincennes Bridge.....	b	KQEO	Lake Charlotte.....	b
KOXN	Pirate Cove, Alaska.....	c	KQF	Gene Crowley.....	b
KOXP	Von Steuben.....	b	KQG	Gloucester.....	b
KOXQ	Agememnon.....	b	KQH	Howard.....	b
KOXR	Tampico.....	b	KQI	Keresaspa.....	b
KOXS	West Jessup.....	b	KQIA	Corozal.....	b
KOXT	Robin Gray.....	b	KQIE	Farnam.....	b
KOXV	Roanoke.....	b	KQII	Santa Olivia.....	b
KOXX	Steelmaker.....	b	KQIO	Ieranof.....	b
KOXZ	Steel Age.....	b	KQIU	West Ekonk.....	b
KOY	Herbert L. Pratt.....	b	KQJ	Juniata.....	b
KOZ	Miami.....	b	KQK	Kershaw.....	b
KOZB	City of Omaha.....	b	KQL	Oakley C. Curtis.....	b
KOZC	Aeolus.....	b	KQM	Merrimack.....	b
KOZD	Rockport.....	b	KQN	Nantucket.....	b
KOZF	Tenafly.....	b	KQO	Ontario.....	b
KOZG	Moravia Bridge.....	b	KQOA	Anacortes.....	b
KOZJ	West Niger.....	b	KQOE	Delight.....	b
KOZK	West Hika.....	b	KQOI	Western Light.....	b
KOZL	Quaker City.....	b	KQOO	Western Maid.....	b
KOZM	Miskianza.....	b	KQOU	Bosworth.....	b

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

Call signal.	Station.	Call signal.	Station.
KQP	Kerlew.....b	KSLA	East Cliff.....b
KQQ	Quantic.....b	KSIE	Glen White.....b
KQR	Grecian.....b	KSIU	Lake Catherine.....b
KQS	Washington Bay, Alaska.....c	KSIU	Lake Benton.....b
KQT	Wyoming.....b	KSIO	Argonne.....b
KQU	Ruth E. Merrill.....b	KSJ	Security.....b
KQUA	Allies.....b	KSK	Caddo.....b
KQUE	Lancaster.....b	KSM	Philadelphia.....b
KQOU	Lake Chelan.....b	KSN	New York.....b
KQUU	West Gambo.....b	KSO	St. Paul.....b
KQV	Samuel Faunce.....b	KSOA	Polar Sea.....b
KQW	Dorothy Palmer.....b	KSOE	Lake Eckhart.....b
KQX	Persian.....b	KSOI	Lake Wimlico.....b
KQY	Edward J. Lawrence.....b	KSOO	Lake Duncan.....b
KQZ	City of Rome.....b	KSOU	Bylayl.....b
KRA	Freeport Sulphur No. 1.....b	KSP	Caloria.....b
KRAA	West Coast.....b	KSQ	Charles Pratt.....b
KRAE	Mauban.....b	KSR	Bayway.....b
KRAI	Bromela.....b	KST	Princeton.....b
KRAO	Brompton.....b	KSU	Somerset.....b
KRAU	Broncho.....b	KSUA	F. D. Asche.....b
KRB	Governor Cobb.....b	KSUI	Colindo.....b
KRC	Camden.....b	KSUU	Umatilla.....b
KRD	Belfast.....b	KSV	Montezuma.....b
KREA	Cape Romain.....b	KSW	Standard Arrow.....b
KREE	Gulfport.....b	KSX	Royal Arrow.....b
KREI	Lake Washburn.....b	KSY	Sylvan Arrow.....b
KREO	Lake Mary.....b	KSZ	Broad Arrow.....b
KRF	Ransom B. Fuller.....b	KTAA	Cora F. Cressy.....b
KRG	Freeport Sulphur No. 2.....b	KTAA	Alloway.....b
KRH	City of Bangor.....b	KTAI	Lake Eliko.....b
KRI	City of Rockland.....b	KTAO	Lake Frances.....b
KRIA	Lake Daraga.....b	KTAU	Eastern Star.....b
KRIE	Astoria.....b	KTB	Gulfstream.....b
KRII	Lake Elsinore.....b	KTC	Shenango.....b
KRIO	Octorara.....b	KTD	Ligonier.....b
KRIU	Liberator.....b	KTE	Winifred.....b
KRJ	Relief.....b	KTEA	Eastern Sea.....b
KRK	Gargoyle.....b	KTEE	Western Cross.....b
KRL	Kiowa.....b	KTEI	Winnebago.....b
KRM	Resolute.....b	KTEO	Fort Wright.....b
KRN	Calvin Austin.....b	KTEU	Bournville.....b
KRO	Bramell Point.....b	KTF	J. M. Guffey.....b
KROA	Blythedale.....b	KTG	Gulfoil.....b
KROI	Aniwa.....b	KTH	Robert P. Clark.....b
KROJ	Wampum.....b	KTI	Brilliant.....b
KROO	Wassaic.....b	KTIA	Bowesmont.....b
KROU	Garibaldi.....b	KTIE	Eastern Sun.....b
KRP	Rescue.....b	KTIO	Fresno.....b
KRQ	Manitowoc.....b	KTIU	Lake Blanchester.....b
KRR	C. A. Snider.....b	KTJ	Comet.....b
KRS	Paulsboro.....b	KTL	Rayo.....b
KRT	Saint Francis.....b	KTM	Eocene.....b
KRU	Fordonian.....b	KTN	Perfection.....b
KRUA	Cresap.....b	KTO	John D. Rockefeller.....b
KRUE	Brookwood.....b	KTOA	Lake Narka.....b
KRUI	Santa Flavia.....b	KTOE	Lake Monroe.....b
KRUO	Wakulla.....b	KTOI	Lake Greenwood.....b
KRUU	Socony 88.....b	KTOO	Lake Yemassee.....b
KRV	Governor Dingley.....b	KTOU	Lake Markham.....b
KRW	Sierra.....b	KTP	James McGee.....b
KRX	Rama.....b	KTQ	City of Everett.....b
KRZ	Sudbury.....b	KTR	Radiant.....b
KSA	Standard II.....b	KTS	Vesta.....b
KSAA	Socony 89.....b	KTT	Paraguay.....b
KSAE	Rose Mahoney.....b	KTU	Sun.....b
KSAI	Capines.....b	KTUA	Lake Ledan.....b
KSAO	Lake Conesus.....b	KTUE	Lake Bledsoe.....b
KSAU	Aquackanock.....b	KTUI	Lake Pepin.....b
FSB	J. E. O'Neil.....b	KTUO	Sagadahoc.....b
FSC	Chinampa.....b	KTUU	Lake Pachuta.....b
FSEA	Absecon.....b	KTV	Dulcino.....b
FSEE	Mineola.....b	KTX	Socony.....b
FSEI	Eastern Chief.....b	KTY	W. C. Teagle.....b
KSEO	Quidnic.....b	KYZ	Brindilla.....b
KSEU	Jonancy.....b	KUA	Gulflight.....b
KSF	Finland.....b	KUB	Gulfmaid.....b
KSG	Baton Rouge.....b	KUBB	Cold Harbor.....b
KSH	Kroonland.....b	KUBC	Laramie.....b
KSI	H. H. Rogers.....b	KUBD	Claremont.....b

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

Call signal.	Station.	Call signal.	Station.
KUBF	San Diego.....	KUGL	Lake Galisteo.....
KUBG	Betterton.....	KUGM	Ripon.....
KUBJ	Liberty Minquas.....	KUGN	Lake Haresti.....
KUBK	Bearport.....	KUGP	Seminole.....
KUBL	Pawlet.....	KUGQ	Star of Holland.....
KUBM	St. Anthony.....	KUGR	Summerleaf.....
KUBN	Robin Goodfellow.....	KUGS	Blue Triangle.....
KUBP	City of Alma.....	KUGT	Jomar.....
KUBQ	Mazatlan.....	KUGV	Conshohocken.....
KUBR	Lake Elva.....	KUGX	Mason City.....
KUBS	Indiana Harbor.....	KUGZ	Maddequet.....
KUBT	Lake Feodora.....	KUH	Munwood.....
KUBV	Higo.....	KUI	Munamar.....
KUBX	Kogging, Alaska (moored scow).....	KUJ	Mundale.....
KUBZ	Dellwood.....	KUJB	Angoles.....
KUC	Gulf of Mexico.....	KUJC	Bayport.....
KUCB	New England.....	KUJD	Baddacock.....
KUCC	Plow City.....	KUJF	Kerhonkson.....
KUCD	Riverside Bridge.....	KUJG	Kamchatka.....
KUCF	Virginia Bridge.....	KUJK	Havilah.....
KUCG	Des Moines Bridge.....	KUJL	Ozmo.....
KUCJ	Holyoke Bridge.....	KUJM	Coot.....
KUCK	Wauwatosa.....	KUJN	Osprey.....
KUCM	Salinas.....	KUJP	Hutchinson.....
KUCN	Lake Ikatan.....	KUJQ	Ethan Allen.....
KUCP	Eastern Guide.....	KUJR	City of Joliet.....
KUCQ	Chisik Island, Alaska.....	KUJS	Winston-Salem.....
KUCR	City of Alameda.....	KUJT	Eastern Belle.....
KUCS	Lake Giddings.....	KUJV	Eastern Crag.....
KUCV	City of Sherman.....	KUJX	Liberty Bell.....
KUCX	City of Flint.....	KUJZ	Quabbin.....
KUCZ	Coldwater.....	KUK	Munsomo.....
KUD	Lake Fillmore.....	KUKB	Aragon.....
KUDB	Gulfand.....	KUKC	Schulykill Bridge.....
KUDC	Brant.....	KUKD	East Chicago.....
KUDD	Tuscan.....	KUKF	Fort Armstrong.....
KUDF	Argon.....	KUKG	Anthracite Bridge.....
KUDG	Heron.....	KUKJ	West Jappa.....
KUDH	West Jester.....	KUKK	Noddle Island.....
KUDJ	Mehanno.....	KUKL	Pittsburgh Bridge.....
KUDK	West Cadron.....	KUKM	Tancarville.....
KUDL	Cajacet.....	KUKN	Louise.....
KUDM	Lake Elwin.....	KUKP	Mohinkis.....
KUDN	American Press.....	KUKQ	Selma.....
KUDP	Clontarf.....	KUKR	Latham.....
KUDQ	West Himrod.....	KUKS	Eastern Merchant.....
KUDR	Davenport.....	KUKT	Conejos.....
KUDS	Lake Rushville.....	KUKV	West Hixton.....
KUDT	Pilot Point, Alaska.....	KUKX	Collingsworth.....
KUDV	Becharof, Alaska.....	KUL	Louisiana.....
KUDX	Eastern Moon.....	KULB	Pinellas.....
KUDZ	Eastern Gale.....	KULC	Chickamauga.....
KUE	Gulfcoast.....	KULD	Lake Geysler.....
KUF	Mundelta.....	KULF	Fishkill.....
KUFB	Eastern Knight.....	KULG	Darien.....
KUFC	Lake Floravista.....	KULJ	Eastern Pilot.....
KUFD	Lake Florian.....	KULK	Eastern Trader.....
KUFF	Lake Floris.....	KULL	Donald McKay.....
KUFG	Lake Flournoy.....	KULM	Ario.....
KUFJ	West Nilus.....	KULN	Arizpa.....
KUFG	Great Falls.....	KULP	Toopi.....
KUFL	Cartona.....	KULQ	Pylos.....
KUFM	Corone.....	KULR	Vallonia.....
KUFN	Steel Voyager.....	KULS	Outgamie.....
KUFP	Bethlehem S. B. Corp. (special call).....	KULT	Commack.....
KUFQ	Tern.....	KULV	San Juan.....
KUFR	West Campgaw.....	KULX	Otho.....
KUFS	Snipe.....	KULZ	Lyndonnia.....
KUFT	Plover.....	KUM	Texas.....
KUFX	Sheldrake.....	KUMB	Lake Ganado.....
KUFZ	Ossa.....	KUMC	Utacarbon.....
KUG	Munplace.....	KUMD	Staten Island.....
KUGB	Eastern Mariner.....	KUMF	Dunysre.....
KUGC	Boobyalla.....	KUMG	Homor.....
KUGD	Clearwater.....	KUMH	Grebe.....
KUGF	Boynton.....	KUMI	Freeport Sulphur No. 5.....
KUGG	Clemence C. Morse.....	KUMJ	Oklahoma City.....
KUGJ	Loon.....	KUMK	West Calera.....
KUGK	Sioux City.....	KUMN	Portola Plumas.....

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

Call signal.	Station.	Call signal.	Station.		
KUMQ	Comerant.....	b	KURV	Ohonkara.....	b
KUMR	Colthraps.....	b	KURX	Eastern Coast.....	b
KUMS	Atlantic Sun.....	b	KURZ	Subotco.....	b
KUMT	Solitaire.....	b	KUS	Florida.....	b
KUMV	Lake Glaucus.....	b	KUSB	Suedco.....	b
KUMX	Lake Flag.....	b	KUSC	Sunelseco.....	b
KUN	Lake Hector.....	b	KUSD	Huron.....	b
KUNB	Neptunc.....	b	KUSF	Capital of Nebraska.....	b
KUNC	Lake Harminia.....	b	KUSG	West Nomentum.....	b
KUND	Lake Gunni.....	b	KUSJ	Occidental.....	b
KUNE	Eastern Glade.....	b	KUSK	City of Reno.....	b
KUNF	Eastern Ocean.....	b	KUSL	Pioneer.....	b
KUNG	Union Liberty.....	b	KUSM	John F. Hylan.....	b
KUNJ	Evergreen City.....	b	KUSN	Aquarius.....	b
KUNK	Neshobee.....	b	KUSP	Crown City.....	b
KUNL	Oronoke.....	b	KUSQ	Eastern Cloud.....	b
KUNM	Wheeling Mold.....	b	KUSR	Nemaha.....	b
KUNN	Jennie R. Morse.....	b	KUSS	William A. Whitney.....	b
KUNP	Freeport Sulphur No. 6.....	b	KUST	West Camak.....	b
KUNQ	Eastern Crown.....	b	KUSV	Mattole.....	b
KUNR	Eastern Victor.....	b	KUSX	Baccarat.....	b
KUNS	City of Vernon.....	b	KUSZ	Adria.....	b
KUNT	George B. MacKenzie.....	b	KUT	Pan-American.....	b
KUNV	Winona.....	b	KUTB	Haxtum.....	b
KUNX	Rochelle.....	b	KUTC	West Mahwah.....	b
KUNZ	Chickasaw City.....	b	KUTD	Anna E. Morse.....	b
KUO	Northwestern.....	b	KUTF	Eastern Maid.....	b
KUP	Pennsylvania.....	b	KUTG	Delrosa.....	b
KUPB	Italia.....	b	KUTJ	Pallas.....	b
KUPC	Pinthis.....	b	KUTK	City of Lordsburg.....	b
KUPD	Eastern Planet.....	b	KUTL	Nanshon.....	b
KUPF	Hahatonka.....	b	KUTM	John P. Reiss.....	b
KUPG	Greenland.....	b	KUTN	Christabel.....	b
KUPJ	West Cahokia.....	b	KUTP	Canco.....	b
KUPK	Darden.....	b	KUTQ	Iroquois.....	b
KUPL	Conness Peak.....	b	KUTR	Springfield.....	b
KUPM	Patrick Henry.....	b	KUTS	Vacuum.....	b
KUPN	Capillo.....	b	KUTT	Birmingham City.....	b
KUPP	Cubore.....	b	KUTV	Lake Furnas.....	b
KUPQ	Ogden, Utah.....	c	KUTX	Richconcal.....	b
KUPS	Naugus.....	b	KUTZ	Rochester.....	b
KUPT	Waterbury.....	b	KUU	Brabant.....	b
KUPV	Kehuku.....	b	KUV	Virginia.....	b
KUPX	Hawarden.....	b	KUVB	Eastern Glen.....	b
KUPZ	Fishers Island.....	b	KUVC	City of Weatherford.....	b
KUQ	Maine.....	b	KUVD	Argus.....	b
KUQB	Fueloil.....	b	KUVF	Sebonac.....	b
KUQC	Panoid.....	b	KUVG	Eastern Tempest.....	b
KUQD	Crudoil.....	b	KUVJ	Agron.....	b
KUQE	Martha Washington.....	b	KUVK	Steel Mariner.....	b
KUQG	Padnsay.....	b	KUVL	Steel Trader.....	b
KUQJ	West Nivaria.....	b	KUVN	Domingo Nazarall.....	b
KUQK	West Keats.....	b	KUVP	Hastnai.....	b
KUQL	Pulaski.....	b	KUVQ	Johnswood, Mich.....	c
KUQM	Las Vegas.....	b	KUVR	Jordan, Mont.....	c
KUQN	J. F. Penrose.....	b	KUVT	Jolee.....	b
KUQP	Unicoi.....	b	KUVV	Cardonia.....	b
KUQQ	Conehatta.....	b	KUVX	Half Moon.....	b
KUQR	Everett.....	b	KUVZ	West Norranus.....	b
KUQS	Margaret.....	b	KUW	New York.....	b
KUQT	Eastern Dawn.....	b	KUX	Munalbro.....	b
KUQX	Juvisny.....	b	KUXB	West Holbrook.....	b
KUQZ	Montlaucou.....	b	KUXC	San Pasqual.....	b
KUR	Georgia.....	b	KUXD	Cuyamaca.....	b
KURB	Hinckley.....	b	KUXF	Loretta.....	b
KURC	Cathwood.....	b	KUXL	Tippecanoe.....	b
KURD	Areturus.....	b	KUXM	Cheboygan, Mich.....	c
KURF	Chappaqua.....	b	KUXN	Miles City, Mont.....	c
KURG	Artigas.....	b	KUXP	Dallas, Tex.....	c
KURJ	W. K. Bixby.....	b	KUXQ	Wichita Falls, Tex.....	c
KURK	Sepulga.....	b	KUXR	John Jay.....	b
KURL	John R. Gibbons.....	b	KUXS	Agylla.....	b
KURM	Eastern Admiral.....	b	KUXT	Long Beach, Calif.....	e
KURN	Manatee.....	b	KUXV	Avalon, Calif.....	c
KURP	Salaam.....	b	KUXX	Manuel Rionda.....	b
KURQ	Medric.....	b	KUXZ	Honnedaga.....	b
KURR	Henry Steers.....	b	KUZ	Coastwise.....	b
KURS	E. G. Crosby.....	b	KUZB	Cristina.....	b
KURT	Brookline.....	b	KUZC	Hahira.....	b

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

Call signal.	Station.	Call signal.	Station.
KUZD	Jim Sid.....	b	
KUZF	Subolco.....	b	
KUZG	Sutransco.....	b	
KUZJ	Suelco.....	b	
KUZK	Suportco.....	b	
KUZL	Anahuac.....	b	
KUZM	Quillwark.....	b	
KUZN	Pansa.....	b	
KUZP	Hayden.....	b	
KUZQ	Salina.....	b	
KUZR	Capulin.....	b	
KUZB	Ensely City.....	b	
KUZT	Eastern Sailor.....	b	
KUZV	Dungannon.....	b	
KUZX	Carib.....	b	
KUZZ	Cayo Mambi.....	b	
KVA	Apache.....	b	
KVAA	Lake Osweya.....	b	
KVAE	Lake Benbow.....	b	
KVAI	Socony 82.....	b	
KVAO	Socony 83.....	b	
KVB	Arapahoe.....	b	
KVC	Comanche.....	b	
KVD	Munrio.....	b	
KVE	Munindles.....	b	
KVEA	Bellota.....	b	
KVEE	Catawba.....	b	
KVEI	West Galoc.....	b	
KVEO	Kickapoo.....	b	
KVEU	Baladan.....	b	
KVF	Iroquois.....	b	
KVG	Chestnut Hill.....	b	
KVH	Huron.....	b	
KVI	Unge Island, Alaska.....	c	
KVIA	Balllett.....	b	
KVIE	West Arvada.....	b	
KVII	Montclair.....	b	
KVIO	Lake Pearl.....	b	
KVIU	Allentown.....	b	
KVJ	Walter D. Munson.....	b	
KVK	Cherokee.....	b	
KVL	Lenape.....	b	
KVM	Mohawk.....	b	
KVN	Tanamo.....	b	
KVO	Sagua.....	b	
KVOE	Lake Garza.....	b	
KVOI	Lake Gaspar.....	b	
KVOO	Lake Yelverton.....	b	
KVOU	Lake Gakoma.....	b	
KVP	Charles Braley.....	b	
KVR	Ellnor.....	b	
KVS	Gulf Queen.....	b	
KVT	H. C. Cadmus.....	b	
KVUA	Lake Ormoc.....	b	
KVUE	Lake Akkr.....	b	
KVUO	Lake Gedney.....	b	
KVUU	Lake Hewes.....	b	
KVV	Koggiung, Alaska.....	c	
KVX	Allaguash.....	b	
KVY	William Isom.....	b	
KVZ	Relay.....	b	
KWA	Mt. Vernon Bridge.....	b	
KWB	Fort Pitt Bridge.....	b	
KWC	Morro Castle.....	b	
KWD	Antilla.....	b	
KWE	Santiago.....	b	
KWF	Cauto.....	b	
KWG	Seguranca.....	b	
KWH	Port Chatham, Alaska.....	c	
KWI	Camaguey.....	b	
KWJ	Yuca.....	b	
KWK	W. B. Keene.....	b	
KWL	Yadkin.....	b	
KWN	Panuco.....	b	
KWN	Guantanamo.....	b	
KWO	Port Beauclaire, Alaska.....	c	
KWP	Sunoil.....	b	
KWQ	Saltchuck, Alaska.....	c	
KWR	Port Moller, Alaska.....	c	
KWS	Lost Harbor, Alaska.....	c	
KWT	Teller, Alaska.....	c	
KWU	Katrina Luckenbach.....	b	
KWV	Sacramento.....	b	
KWW	Chichagof, Alaska.....	c	
KWX	Mexico.....	b	
KWY	Monterey.....	b	
KWZ	Esperanza.....	b	
KXA	Boston.....	b	
KXAA	Lake Alvada.....	b	
KXAE	Lake Delancey.....	b	
KXAI	Lake Galera.....	b	
KXAO	Lake Otsquago.....	b	
KXAU	Lake Harris.....	b	
KXB	City of Lowell.....	b	
KXC	Commonwealth.....	b	
KXE	Mohawk.....	b	
KXEA	Lake Pleasant.....	b	
KXEE	Lake Marion.....	b	
KXEI	Lake Sanford.....	b	
KXEO	Lake Gardner.....	b	
KXEU	Lakeville.....	b	
KXF	New Hampshire.....	b	
KXG	Archer.....	b	
KXH	Plymouth.....	b	
KXI	Priscilla.....	b	
KXIE	Calaveras.....	b	
KXII	Calico rock.....	b	
KXIO	Callispeil.....	b	
KXIU	Lake Calistoga.....	b	
KXJ	Providence.....	b	
KXK	Funter, Alaska.....	b	
KXL	City of Taunton.....	b	
KXM	Mohegan.....	b	
KXN	New Haven.....	b	
KXO	City of Brockton.....	b	
KXOA	Star of Lipland.....	b	
KXOE	Severance.....	b	
KXOI	Standard.....	b	
KXOU	Lake Lesa.....	b	
KXP	Pequonnock.....	b	
KXQ	Chester W. Chapin.....	b	
KXR	Richard Peck.....	b	
KXS	Boston.....	b	
KXT	Fairmont.....	b	
KXU	Westfield.....	b	
KXUA	Lake Geneva.....	b	
KXUE	Eastern Queen.....	b	
KXUI	Lake Lillian.....	b	
KXUO	Admiral Sims.....	b	
KXUU	Coyote.....	b	
KXV	Nelson Lagoon.....	c	
KXW	Ikatan, Alaska.....	c	
KXX	Stephen R. Jones.....	b	
KXY	Lewis K. Thurlow.....	b	
KXZ	Felix Taussig.....	b	
KYA	Kanawha.....	b	
KYB	North Wind.....	b	
KYC	Carsair.....	b	
KYD	Mount Baker.....	b	
KYE	Casiana.....	b	
KYF	McClellan.....	b	
KYG	Wild Duck.....	b	
KYH	Aloha.....	b	
KYI	Karluk, Alaska.....	b	
KYL	Alitak, Alaska.....	b	
KYM	Armenia.....	b	
KYO	Noma.....	b	
KYP	Oneida.....	b	
KYQ	California.....	b	
KYR	Karina.....	b	
KYS	Yosemite.....	b	
KYT	Redondo.....	b	
KYU	Mohawk.....	b	
KYV	Acutney.....	b	
KYX	Wana.....	b	
KYY	Apache.....	b	

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

Call signal.	Station.	Call signal.	Station.		
KYZ	Mystery.....	b	WBD	Santa Cruz.....	b
KZA	Alberta.....	b	WBE	Cacique.....	b
KZAA	Middlebury.....	b	WBEA	Adway.....	b
KZAE	Lake Linden.....	b	WBEE	Afalkey.....	b
KZAI	Lake Winthrop.....	b	WBEI	Airline.....	b
KZAO	Lake Wilson.....	b	WBEO	Ashburn.....	b
KZAU	Lake Yahara.....	b	WBF	Boston, Mass.....	b
KZB	Alicia.....	b	WBG	Venezuela.....	b
KZC	Aztec.....	b	WBH	Colombia.....	b
KZD	Cornelia.....	b	WBIA	Chipchug.....	b
KZE	Zenith.....	b	WBIT	Alpaco.....	b
KZEA	Keketicut.....	b	WBIO	Baxley.....	b
KZEE	Lake Berdan.....	b	WBIU	Pascagoula.....	b
KZEI	Lake Dyer.....	b	WBJ	Santa Barbara.....	b
KZEO	Lake Dancey.....	b	WBK	Saucon.....	b
KZEU	Lake Agomak.....	b	WBM	Redondo.....	b
KZF	Edith.....	b	WBN	Ecuador.....	b
KZG	Carolyn.....	b	WBO	Santa Rosa.....	b
KZH	Helen.....	b	WBOA	Mono.....	b
KZIA	Lake Aurice.....	b	WBOU	Nashotah.....	b
KZIE	Lake Winooski.....	b	WBP	Hermosa.....	b
KZII	Lake Belmona.....	b	WBQ	Santa Paula.....	b
KZIO	Lake Liliensum.....	b	WBR	Santa Rita.....	b
KZIU	Sagaporack.....	b	WBUA	Lake Gravity.....	b
KZJ	Jean.....	b	WBUE	Lake Greenbrier.....	b
KZK	Hilton.....	b	WBUI	Lake Bretta.....	b
KZL	Halcyon.....	b	WBUO	Lake Grogan.....	b
KZO	Margaret.....	b	WBUU	Lake Forney.....	b
KZOA	Lake Medford.....	b	WBV	Cabrillo.....	b
KZOE	Lake Arline.....	b	WBW	Burrwood, La.....	b
KZOI	Lake Helen.....	b	WBX	Santa Ana.....	b
KZOO	Lake Indian.....	b	WBZ	Santa Elena.....	b
KZOU	Lake Orange.....	b	WCA	Tionesta.....	b
KZP	Evelyn.....	b	WCAA	Bobring.....	b
KZQ	Ruth.....	b	WCAE	Bottineau.....	b
KZR	Bemlik.....	b	WCAI	Boughton.....	b
KZS	Santanta.....	b	WCAO	Caponka.....	b
KZT	Everett.....	b	WCAU	Chelan.....	b
KZU	United States.....	b	WCB	Juniatra.....	b
KZUA	Katia.....	b	WCD	Octorara.....	b
KZUE	Kosciuszko.....	b	WCE	Parthian.....	b
KZUI	Oneco.....	b	WCEA	Cotteral.....	b
KZUO	Lono Star.....	b	WCEE	Kuwa.....	b
KZUU	Lake Louise.....	b	WCEI	Maratanza.....	b
KZV	Malden.....	b	WCEO	Mattapan.....	b
KZW	Melrose.....	b	WCF	Favorite.....	b
KZX	Newton.....	b	WCG	Brooklyn, N. Y.....	b
KZY	Arlington.....	b	WCI	Newport, R. I.....	b
KZZ	Brandon.....	b	WCIA	Bellingham.....	b
WAA	Alameda.....	b	WCIE	Eastport.....	b
WAB	Saugerties.....	b	WCII	Invincible.....	b
WAC	Chicago.....	b	WCIO	Lake Lemando.....	b
WAD	Victoria.....	b	WCIU	Naiwa.....	b
WAE	Ketchikan.....	b	WCI	Anyox.....	b
WAF	Admiral Farragut.....	b	WCL	Westchester.....	b
WAG	Admiral Sebree.....	b	WCO	Wyandotte.....	b
WAH	Dora.....	b	WCOA	Battahatchee.....	b
WAI	Latouche.....	b	WCOE	Socony 84.....	b
WAJ	Jefferson.....	b	WCOI	Socony 92.....	b
WAK	Valdez.....	b	WCOO	Liberty.....	b
WAL	Santa Ana.....	b	WCOU	Lake Kyttle.....	b
WAM	Juneau.....	b	WCP	Casco.....	b
WAN	Northwestern.....	b	WCQ	Roy Hooper.....	b
WAO	Rajah.....	b	WCR	The Harvester.....	b
WAP	Lake Crescent.....	b	WCS	Alpena.....	b
WAQ	Democracy.....	b	WCT	Theodore Roosevelt.....	b
WAR	Cordova.....	b	WCU	Conneaut.....	b
WAS	Chester Sun.....	b	WCUA	Lake Forsby.....	b
WAT	Skagway.....	b	WCUE	Lake Fossil.....	b
WAU	Point Loma.....	b	WCUI	Lake Frampton.....	b
WAV	Philippines.....	b	WCUO	Lake Franconin.....	b
WAW	Admiral Watson.....	b	WCUU	Lake Fray.....	b
WAY	Admiral Dewey.....	b	WCV	The Limit.....	b
WAZ	Admiral Schley.....	b	WCW	Woonsocket.....	b
WBA	Santa Clara.....	b	WCX	Cleveland, Ohio.....	b
WBA A	Snug Harbor.....	b	WCZ	Illinois.....	b
WBAI	Hellron.....	b	WDA	Pere Marquette.....	b
WBAU	Addison.....	b	WDA A	Munra.....	b
WBB	Santa Cecilia.....	b	WDA E	Musketo.....	b

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

Call signal.	Station.	Call signal.	Station.
WDAI	Wakan.....b	WFF	Franklin.....b
WDAU	Herman Winter.....b	WFG	Arizona.....b
WDB	Wanzu.....b	WFH	Avalon.....b
WDC	Pere Marquette 19.....b	WFIA	Western Hope.....b
WDD	Pere Marquette 17.....b	WFII	Major Wheeler.....b
WDE	Pere Marquette 18.....b	WFIO	Bloomington.....b
WDEA	Pere Marquette 20.....b	WFJ	Christopher Columbus.....b
WDEE	Wihaha.....b	WFL	Lake Arthur.....b
WDEI	Andra.....b	WFN	Lake Butler.....b
WDEU	Crawl Keys.....b	WFOA	Hickman.....b
WDF	Steadfast.....b	WFOE	Lewis Luckenbach.....b
WDF	Bayamo.....b	WFOI	Osakis.....b
WDG	Astmahco IV.....b	WFOO	William N. Page.....b
WDH	Otsego.....b	WFOU	Phoenix Bridge.....b
WDI	Petoskey.....b	WFP	City of Erie.....b
WDIA	City of Miami.....b	WFG	City of Buffalo.....b
WDIE	South Pole.....b	WFR	State of Ohio.....b
WDII	Wathena.....b	WFS	Seandbee.....b
WDIU	Watowan.....b	WFT	Charles O. Jenkins.....b
WDIO	Westmead.....b	WFU	F. B. Squire.....b
WDIU	West View.....b	WFUA	Lake Freezcut.....b
WDL	Lakeland.....b	WFUE	Lake Frenchton.....b
WDN	Ann Arbor No. 3.....b	WFUI	A. E. R. Schneider.....b
WDO	Ann Arbor No. 4.....b	WFUU	Oshkosh.....b
WDOA	Agwidale.....b	WVU	Sir Thomas Shaughnessy.....b
WDOE	Auburn.....b	WFW	Manitou.....b
WDOI	Cape May.....b	WFX	Missouri.....b
WDOO	Federal.....b	WFZ	Coronado.....b
WDOU	Fort Wayne.....b	WGA	City of Seattle.....b
WDP	Ann Arbor No. 5.....b	WGAA	Englewood.....b
WDQ	Ann Arbor No. 6.....b	WGAE	Galesburg.....b
WDR	Detroit, Mich.....c	WGAI	Morristown.....b
WDS	City of Grand Rapids.....b	WGAO	W. S. Rheem.....b
WDU	Puritan.....b	WGAU	La Forge.....b
WDUA	Lake Frazee.....b	WGB	Astmahco III.....b
WDUE	Redlands.....b	WGC	W. F. White.....b
WDUI	Lake Freeborn.....b	WGD	Oregon.....b
WDUO	Lake Freed.....b	WGE	Spokane.....b
WDUO	Lake Freeland.....b	WGEA	Easteruer.....b
WDV	City of Benton Harbor.....b	WGEE	Alvada.....b
WDX	Lake Tulare.....b	WGEI	East Indian.....b
WDZ	Aramis.....b	WGEU	Seypen.....b
WEA	City of Cleveland III.....b	WGG	Tuckerton, N. J.....c
WEB	City of Mackinac II.....b	WGIA	West Grama.....b
WEC	City of Detroit II.....b	WGIE	Nantabala.....b
WED	Western States.....b	WGII	Burnside.....b
WEE	Eastern States.....b	WGIO	Saris.....b
WEF	City of Detroit III.....b	WGJ	Northland.....b
WEG	City of St. Ignace.....b	WGK	Curacao.....b
WEH	City of Alpena II.....b	WGL	Dreadnaught.....b
WEI	E. J. Earling.....b	WGM	Undaunted.....b
WEJ	Samuel Mitchell.....b	WGN	Carl D. Bradley.....b
WEK	Minnesota.....b	WGO	Chicago, Ill.....c
WEL	C. A. Smith.....b	WGOE	Polar Bear.....b
WEM	Susquehanna.....b	WGOI	Saccarappa.....b
WEN	North American.....b	WGOO	Waubesa.....b
WEO	South American.....b	WGOU	West Cressy.....b
WEP	Western King.....b	WGP	President.....b
WEQ	Montrolite.....b	WGQ	City of Puebla.....b
WER	Puget Sound.....b	WGR	Governor.....b
WES	Point Adams.....b	WGS	Senator.....b
WET	West Gotomska.....b	WGT	Western Pride.....b
WEU	Western Star.....b	WGUA	Oskawa.....b
WEW	Marquette & Bessemer No. 1.....b	WGUE	Itanca.....b
WEX	Marquette & Bessemer No. 2.....b	WGUI	Brandywine.....b
WEZ	Ashtabula.....b	WGUO	Kusdeca.....b
WFA	Georgia.....b	WGUU	Wayhut.....b
WFAA	Namecki.....b	WGW	Kerowlee.....b
WFAE	West Galeta.....b	WGX	Queen.....b
WFAI	West Hobomac.....b	WGY	City of Topeka.....b
WFAO	Volunteer.....b	WGZ	Guardian.....b
WFAU	Mahaska.....b	WHB	New York, N. Y.....c
WFB	Alabama.....b	WHC	Columbia.....b
WFC	Indiana.....b	WHE	Philadelphia, Pa.....c
WFE	Carolina.....b	WHF	Callao.....b
WFEA	Eastern King.....b	WHG	W. F. Burrows.....b
WFEE	Winding Gulf.....b	WHII	Mount Shasta.....b
WFEI	West Hosokie.....b	WHI	New York, N. Y.....c
WFEO	Westport.....b	WHJ	Sierra.....b
WFEU	Matanzas.....b	WHL	Ventura.....b

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

Call signal.	Station.	Call signal.	Station.		
WHM	Sonoma.....	b	WKE	Kentuckian.....	b
WHP	Point Arena.....	b	WKEA	Lake DeVal.....	b
WHR	Abner Coburn.....	b	WKEE	Lake Cahoon.....	b
WHS	Stanley Dollar.....	b	WKEI	Lake Ypsilanti.....	b
WHT	Whittier.....	b	WKEO	Goodspeed.....	b
WHU	Balboa.....	b	WKF	American.....	b
WHV	Velero.....	b	WKG	S. M. Spalding.....	b
WHX	Humboldt.....	b	WKH	Hollywood.....	b
WHZ	Johanna Smith.....	b	WKIA	Fish Hawk.....	b
WIA	Silver Shell.....	b	WKIE	Bonham.....	b
WIB	Gold Shell.....	b	WKII	Eastern Light.....	b
WIC	Pearl Shell.....	b	WKIO	Eastern Shore.....	b
WID	Charles E. Harwood.....	b	WKIU	Eastern Cross.....	b
WIE	Herbert G. Wylie.....	b	WKJ	Iowan.....	b
WIF	Edward L. Doheny.....	b	WKK	Isaac L. Rice.....	b
WIG	Norman Bridge.....	b	WKL	Mexican.....	b
WIH	C. A. Canfield.....	b	WKM	Minnesota.....	b
WII	(New Brunswick, N. J. (transmitting)).....	c	WKO	Oregonian.....	b
WIJ	(Belmar, N. J. (receiving)).....	c	WKOA	Zaca.....	b
WIJ	Edward L. Doheny, Junior.....	b	WKOE	Falmouth.....	b
WIK	Providence.....	b	WKOI	Cumberland.....	b
WIN	Colusa.....	b	WKOQ	Connersville.....	b
WIQ	Frederic R. Kellogg.....	b	WKOU	Central American.....	b
WIS	E. R. Sterling.....	b	WKP	Pennsylvanian.....	b
WIT	George G. Henry.....	b	WKQ	Ohioan.....	b
WIU	Restorer.....	b	WKR	Panaman.....	b
WIV	George E. Paddleford.....	b	WKS	West Arrow.....	b
WIW	J. M. Danziger.....	b	WKT	Texan.....	b
WIX	Harold Walker.....	b	WKU	Hawaiian.....	b
WIY	William Green.....	b	WKUI	Western Belle.....	b
WJA	Andalusia.....	b	WKUO	Balino.....	b
WJAA	Sangamon.....	b	WKUU	West Zeda.....	b
WJAE	Hokah.....	b	WKV	Virginian.....	b
WJAI	Yuma.....	b	WKW	Absaroka.....	b
WJAO	M. J. Scanlon.....	b	WKX	Westward Ho.....	b
WJAU	Aurora.....	b	WKY	Montoso.....	b
WJB	Kermoor.....	b	WKZ	Canoga.....	b
WJC	Keresan.....	b	WLA	Benj. F. Packard.....	b
WJEA	Mojave.....	b	WLAA	Sarcovie.....	b
WJEE	Red Cloud.....	b	WLAE	Barlow.....	b
WJEI	Plainfield.....	b	WLAI	Lake Grandon.....	b
WJEO	Phoenix.....	b	WLAU	Lake Fluvanna.....	b
WJEU	Panga.....	b	WLB	Jamaica.....	b
WJF	Teresa.....	b	WLC	New London, Conn.....	c
WJG	Moccasin.....	b	WLE	Maitland No. 1.....	b
WJH	Krakow.....	b	WLEA	Lake Farge.....	b
WJIA	West Zucker.....	b	WLEE	Lake Faristell.....	b
WJIE	Guimba.....	b	WLEI	Lake Forkville.....	b
WJII	Oskaloosa.....	b	WLEO	Lake Gathcoon.....	b
WJIO	Independence.....	b	WLEU	Lake Fugard.....	b
WJIU	Schenectady.....	b	WLF	Coosa.....	b
WJJ	Florida.....	b	WLG	Wacouta.....	b
WJL	Wachusett.....	b	WLH	Fort Bragg.....	b
WJM	J. C. Donnell.....	b	WLI	Westbrook.....	b
WJN	Munaires.....	b	WLIA	Santa Teresa.....	b
WJO	Nyanza.....	b	WLII	Goree.....	b
WJOA	West Elcasco.....	b	WLIO	Nantasket.....	b
WJOE	West Eldara.....	b	WLIU	Bologan.....	b
WJOI	West Loquassuck.....	b	WLJ	Monticello.....	b
WJOO	West Madaket.....	b	WLL	Greenwood.....	b
WJOU	West Kyska.....	b	WLM	Warszawa.....	b
WJP	Tunica.....	b	WLN	Black Arrow.....	b
WJQ	Western Front.....	b	WLO	Orion.....	b
WJR	W. M. Tupper.....	b	WLOA	Necolah.....	b
WJS	Amphion.....	b	WLOE	Nupolela.....	b
WJU	Osage.....	b	WLOI	Columbine.....	b
WJUA	Fort Pierce.....	b	WLOO	Cadaretta.....	b
WJUI	Cohasset.....	b	WLOU	Barkhamstead.....	b
WJUC	Magunkook.....	b	WLQ	Sabine Sun.....	b
WJUU	Bulana.....	b	WLR	Floridian.....	b
WJV	Guaro.....	b	WLS	Princess Matoika.....	b
WJW	Wandotte.....	b	WLT	Neuse.....	b
WKA	Alaskan.....	b	WLU	Pawnee.....	b
WKAE	Socony 85.....	b	WLUA	Latoka.....	b
WKAI	Lake Zaliski.....	b	WLUE	Haverhill.....	b
WKAQ	Lake Pickaway.....	b	WLUI	Alamosa.....	b
WKAU	Lake Copley.....	b	WLUO	Alcona.....	b
WKB	Arizonian.....	b	WLUU	Ingold.....	b
WKD	Dakotan.....	b	WLW	Ida.....	b

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

Call signal.	Station.	Call signal.	Station.		
WLX	Pequot.....	b	WNUE	Blakeley.....	b
WLY	Posman.....	b	WNUI	Bockonoff.....	b
WLZ	Montpelier.....	b	WNUO	Brookdale.....	b
WMA	Multnomah.....	b	WNV	Hatteras.....	b
WMAA	Lake Furley.....	b	WNW	San Ramon.....	b
WMAE	Cowanshannock.....	b	WNX	Peter Reiss.....	b
WMAI	Cowboy.....	b	WNY	New York, N. Y.....	c
WMAO	Cowee.....	b	WNZ	F. J. Luckenbach.....	b
WMD	West Shore.....	b	WOA	Admiral Rodman.....	b
WMEA	Costilla.....	b	WOC	Oregon.....	b
WMEE	Cote Blanche.....	b	WOF	Horace X. Baxter.....	b
WMEI	Cotopaxi.....	b	WOG	Fred Baxter.....	b
WMEO	Cottonplant.....	b	WOJ	Iris.....	b
WMEU	Cottonwood.....	b	WOL	Los Angeles.....	b
WMF	Cello.....	b	WOM	William A. McKenney.....	b
WMG	Wapama.....	b	WON	La Brea.....	b
WMI	Minnesota.....	b	WOO	Idaho.....	b
WMIA	Cocoonino.....	b	WOP	Lake Elizabeth.....	b
WMII	Kanabec.....	b	WOT	Coalinga.....	b
WMIO	Stadacona.....	b	WOV	Oregon.....	b
WMIU	Sir Trevor Dawson.....	b	WOW	Venetia.....	b
WMJ	Ernest H. Meyer.....	b	WOX	Henry J. Biddle.....	b
WMK	Hyades.....	b	WOY	Levi G. Burgess.....	b
WML	Lurline.....	b	WOY	Queen II.....	b
WMM	Freeman.....	b	WPAA	Balsto.....	b
WMN	Enterprise.....	b	WPAE	Sag Harbor.....	b
WMO	Wilhelmina.....	b	WPAI	Yomachichi.....	b
WMOA	Tillamook.....	b	WPAO	Wilcox.....	b
WMOE	Arvonja.....	b	WPB	Northbend.....	b
WMOI	Braeburn.....	b	WPC	Tyee.....	b
WMOO	Owatama.....	b	WPE	Tatoosh.....	b
WMOU	Klamath.....	b	WPH	S. M. Fischer.....	b
WMP	Matsonia.....	b	WPIE	Corrales.....	b
WMQ	Manoa.....	b	WPII	Corsicana.....	b
WMR	Maui.....	b	WPIO	Lake Postoria.....	b
WMS	Wahkenna.....	b	WPIU	Lake Fouché.....	b
WMT	Point Bonita.....	b	WPX	Oneonta.....	b
WMUA	Wheaton.....	b	WPJ	Kerkenna.....	b
WMUE	Cokato.....	b	WPK	Florence Olson.....	b
WMUI	Charlot.....	b	WPL	Seafarer.....	b
WMUO	Panola.....	b	WPN	Pioneer.....	b
WMUU	Aiken.....	b	WPOE	Chibiabos.....	b
WMV	Kermit.....	b	WPOI	Dungness.....	b
WMY	A. M. Byers.....	b	WPOO	Washnetaw.....	b
WMZ	Honolulu.....	b	WPOU	Charles M. Everest.....	b
WNA A	Craincreek.....	b	WPQ	Zapora.....	b
WNAE	Cranenest.....	b	WPR	Ensenada, Porto Rico.....	c
WNAI	Craycroft.....	b	WPS	Starr.....	b
WNAO	Lake Callicoon.....	b	WPUE	Caddopeak.....	b
WNAU	Lake Fresco.....	b	WPUI	Callabasis.....	b
WNB	El Capitan.....	b	WPUO	Cascade.....	b
WNC	Wabash.....	b	WPUU	Coaxet.....	b
WND	Windber.....	b	WPV	H. M. Whitney.....	b
WNE	Nushagak.....	b	WPW	James S. Whitney.....	b
WNEA	Lake Charlottesville.....	b	WPY	Wallula.....	b
WNEO	Dio.....	b	WQA	Harvey H. Brown.....	b
WNEU	Coweta.....	b	WQAI	Inco No. 1.....	b
WNF	Hattie Luckenbach.....	b	WQAO	Agria.....	b
WNG	Otto M. Reiss.....	b	WQAU	Coulter.....	b
WNH	Clemens A. Reiss.....	b	WQD	Hoosac.....	b
WNI	William A. Reiss.....	b	WQE	Hisko.....	b
WNIA	Cruso.....	b	WQEA	Lithopolis.....	b
WNIE	Agawam.....	b	WQEE	Everglades.....	b
WNII	Challenger.....	b	WQEI	Rebecca Palmer.....	b
WNIO	Python.....	b	WQEO	West Zula.....	b
WNIU	Cornucopia.....	b	WQEU	Canibas.....	b
WNK	Richard J. Reiss.....	b	WQF	Harry W. Croft.....	b
WNL	Lake St. Clair.....	b	WQG	Fayette Brown.....	b
WNM	Florence Luckenbach.....	b	WQH	M. A. Bradley.....	b
WNOA	Allanhurst.....	b	WQI	Costa Rica.....	b
WNOE	Fort Riley.....	b	WQIA	Mexoil.....	b
WNOI	Fort Harrison.....	b	WQIE	Bedminster.....	b
WNOO	Fort Snelling.....	b	WQIH	Holbrook.....	b
WNOU	Fort Russel.....	b	WQIO	Neponset.....	b
WNP	Pleiades.....	b	WQIU	Swamscott.....	b
WNQ	Wilhelm Jobsen.....	b	WQJ	Sarah Weems.....	b
WNR	Rush.....	b	WQK	Oran.....	b
WNS	Kvichak.....	b	WQOA	Tipton.....	b
WNU	New Orleans, La.....	b	WQOE	Garfield.....	b
WNUA	Anthera.....	b	WQOI	Tofo.....	b

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

Call signal.	Station.	Call signal.	Station.		
WQOO	Folsom.....	b	WSOU	Lewiston.....	b
WQOU	Bugaya.....	b	WSP	Westhampton.....	b
WQQ	Rappahannock.....	b	WSQ	Vizcaya.....	b
WQR	Nansemond.....	b	WSR	Reuce.....	b
WQS	Artemis.....	b	WSS	St. Nicholas.....	b
WQT	Watauga.....	b	WSU	Renublic.....	b
WQU	Cuba.....	b	WSUA	West Helix.....	b
WQUA	Cokesit.....	b	WSUE	West Wauna.....	b
WQUE	Edgecombe.....	b	WSUI	West Waunake.....	b
WQUI	Flavel.....	b	WSUU	Lake Gradan.....	b
WQOU	Icomium.....	b	WSW	Willamette.....	b
WQUU	Jacona.....	b	WSX	Klamath.....	b
WQW	Jeannette Skinner.....	b	WSZ	Bremerton.....	b
WQY	Yosemite.....	b	WTA	James Timpson.....	b
WQZ	West Eagle.....	b	WTAA	Lake Beacon.....	b
WRA	O. A. Hermanson.....	b	WTAE	Lake Desha.....	b
WRAA	Bassan.....	b	WTAI	Lake Mattato.....	b
WRAE	Alabama.....	b	WTAO	Lake Licoco.....	b
WRAI	Allegheny.....	b	WTAU	Campello.....	b
WRB	Berlin.....	b	WTB	Argyll.....	b
WRC	Silverado.....	b	WTC	Lansing.....	b
WRD	D. G. Scofield.....	b	WTD	Oleum.....	b
WRE	J. A. Moffett.....	b	WTE	Tamesi.....	b
WREA	West Lashaway.....	b	WTEA	Canaveral.....	b
WREE	Wauconda.....	b	WTEE	Cedar Spring.....	b
WREI	Quistconck.....	b	WTEI	Ceralvo.....	b
WREO	Zirkel.....	b	WTEO	Cerosco.....	b
WREU	Governor John Lind.....	b	WTEU	Coperas.....	b
WRF	Amelia.....	b	WTF	Westwood.....	b
WRG	Annetta.....	b	WTFG	Santa Rita.....	b
WRI	Paraiso.....	b	WTH	Westlake.....	b
WRIA	Aowa.....	b	WTHA	Fernandina.....	b
WRIE	Lake Gorin.....	b	WTHI	Socony 90.....	b
WRH	Roman.....	b	WTHO	Socony 94.....	b
WRIO	Star 1.....	b	WTHU	Deerfield.....	b
WRIU	Quinneseo.....	b	WTJ	Sutherland.....	b
WRJ	Admiral Goodrich.....	b	WTL	Lyman Stewart.....	b
WRN	Siboney.....	b	WTM	W. S. Porter.....	b
WRO	Middlesex.....	b	WTN	Wm. F. Herrin.....	b
WROA	Westpool.....	b	WTO	Frank H. Buck.....	b
WROE	Indianapolis.....	b	WTOA	Allison.....	b
WROI	Lydia.....	b	WTOE	Amoron.....	b
WROO	E. L. Doheny, Third.....	b	WTOI	Belair.....	b
WROU	Belgrade.....	b	WTOO	Toiler.....	b
WRQ	Margaret.....	b	WTOU	Coulée.....	b
WRS	Suffolk.....	b	WTQ	El Sezundo.....	b
WRUA	Kangi.....	b	WTR	Richmond.....	b
WRUE	Medford.....	b	WTS	Col. E. L. Drake.....	b
WRUI	Okiya.....	b	WTT	Atlas.....	b
WRUO	Quittacas.....	b	WTU	S. O. Co. No. 91.....	b
WRUU	Wakiki.....	b	WTUE	Laurel.....	b
WRV	Alliance.....	b	WTUI	Calvert.....	b
WRX	Ozama.....	b	WTUO	Houma.....	b
WRZ	Rainier.....	b	WTUU	West Mahomet.....	b
WSAA	Dancey.....	b	WTV	Captain A. F. Lucas.....	b
WSAE	Apalachee.....	b	WTVW	Ossineke.....	b
WSAO	Alabat.....	b	WTVX	Asuncion.....	b
WSAU	Bagoso.....	b	WTY	S. O. Co. No. 93.....	b
WSD	Redwood.....	b	WTZ	S. O. Co. No. 95.....	b
WSE	New York, N. Y.....	c	WVAA	Coquina.....	b
WSEA	Defiance.....	b	WVAE	Corapeake.....	b
WSEE	W. L. Steed.....	b	WVAI	Corcoran.....	b
WSEI	Cricket.....	b	WVAU	Conotton.....	b
WSEO	Lake Fondulac.....	b	WVAU	Contoocook.....	b
WSEU	Lake Buckeye.....	b	WVEA	Congaree.....	b
WSF	Admiral Wainwright.....	b	WVEE	Alanthus.....	b
WSG	Norwood.....	b	WVEI	Basco.....	b
WSI	Santa Inez.....	b	WVEO	Banago.....	b
WSIA	Caribou.....	b	WVEU	Isanti.....	b
WSIF	Harish.....	b	WVIA	Lake Gormanian.....	b
WSIH	Casmalia.....	b	WVIE	Yamhill.....	b
WSJ	Santa Alicia.....	b	WVII	Buhisan.....	b
WSM	Fair Oaks.....	b	WVIU	Lake Govan.....	b
WSN	Centralia.....	b	WVOA	Council Bluffs.....	b
WSO	(Marion, Mass. (transmitting).....	c	WVOI	Couparle.....	b
	(Chatham, Mass. (receiving).....	c	WVOI	Courtois.....	b
WSOE	Mount Rainier.....	b	WVOO	Coushatta.....	b
WSOI	West Sequana.....	b	WVOU	Coutolene.....	b
WSOO	Crathorno.....	b	WVUA	Courageous.....	b

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

Call signal:	Station.	Call signal.	Station.
WVUE	J. B. Stetson.....b	WXIU	Aberdeen.....b
WVUI	Arado.....b	WXOA	Cowiche.....b
WVUO	Aimwell.....b	WXOE	Crabtree.....b
WVUU	Kanakee.....b	WXOI	Craigtownie.....b
WWA	China.....b	WXOO	Craigsmere.....b
WWC	Western Wave.....b	WXUA	Beaumont.....b
WWD	Arcadia.....b	WXUE	Boreta.....b
WWE	Manchuria.....b	WXUI	Hampden.....b
WWF	City of Para.....b	WXUU	Monmouth.....b
WWH	Newport.....b	WZAA	Bayou Teche.....b
WWK	Western Queen.....b	WZAE	L. J. Drake.....b
WWL	San Jose.....b	WZAI	West Humbaw.....b
WWM	San Juan.....b	WZAO	Alspaha.....b
WWN	Mongolia.....b	WZAU	Botsford.....b
WWP	Ansable.....b	WZEA	E. C. Pope.....b
WWR	Rose City.....b	WZEE	Saxon.....b
WWS	Alaska.....b	WZEU	Maruba.....b
WWT	Nuuanu.....b	WZFI	G. A. Flagg.....b
WWZ	Mariana.....b	WZIE	North Pines.....b
WXAA	Ozaukee.....b	WZIF	Darrah.....b
WXAE	Yainax.....b	WZIO	Burnham.....b
WXAI	Cocopa.....b	WZIU	Admiral Mayo.....b
WXAO	Danebrog.....b	WZOA	Western Plains.....b
WXAU	Keota.....b	WZOE	Lake Graphite.....b
WXEA	Western Scout.....b	WZOI	Lake Grattis.....b
WXEE	Okesa.....b	WZOO	Lake Grattan.....b
WXEI	Western Comet.....b	WZOU	Lake Gravella.....b
WXEO	West Cape.....b	WZUA	Lake Gravett.....b
WXEU	Yukon.....b	WZUE	Norfolk.....b
WXIA	Victorious.....b	WZUU	Newburgh.....b
WXIE	Wanavanda.....b		Oglethorpe.....b
WXII	Wenakee.....b		
WXIO	Bueckhorn.....b		

GOVERNMENT LAND RADIO STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

[This list includes all Government land radio stations of the United States.]

Station.	Call signal.	Wave lengths.	Serv- ice.	Hours.	Station controlled by—
Alexandria, Va.	WXY		O	X	U. S. Army.
Alpena, Mich.	NSM	300, 600	PG	N	U. S. Navy.
Anacostia, D. C.	NSF	300, 600	O	X	Do.
Anacostia, D. C.	NOF	300, 600	O	X	Do.
Anderson (moored vessel).....	WZM	600, 825	O	X	U. S. Army.
Annapolis, Md.	NSS	300, 600	PG	N	U. S. Navy.
Ashtabula, Ohio.	NQB	300, 600	PG	N	Do.
Astoria, Oreg.	NUZ	300, 600	PG	N	Do.
Atka Island, Alaska.	WJI	900	O	X	Department of Interior.
Avalon, Calif.	NZL	300, 600	PG	N	U. S. Navy.
Balboa, C. Z.	NBA	300, 600	PG	N	Do.
Baltimore, Md.	NBZ	300, 600	PG	N	Do.
Bar Harbor, Me. (Otter Cliffs).....	NBD	300, 600	PG	N	Do.
Bantagas, P. I.	KUXK				Philippine Insular Gov- ernment.
Beaufort, N. C.	NAN	300, 600	PG	N	U. S. Navy.
Bellefonte, Pa.	WWQ				Post Office Depart- ment.
Boston, Mass.	NAD	300, 600	PG	N	U. S. Navy.
Brooklyn, N. Y. (Navy Yard).....	NAH	300, 600	PG	N	Do.
Brooks, Alaska.	WUV	300, 600	PR	X	U. S. Army.
Buffalo, N. Y.	NNZ	300, 600	PG	N	U. S. Navy.
Buckroe (moored vessel).....	WZL	600, 825	O	X	U. S. Army.
Calumet, Mich.	NUG	300, 600	PG	N	U. S. Navy.
Cape Cod, Mass.	NAE	300, 600	PG	N	Do.
Cape Hatteras, N. C.	NDW	300, 600	PG	N	Do.
Cape Mala, R. P.	NNT	300, 600	PG	N	Do.
Cape May, N. J.	NSD	300, 600	PG	N	Do.
Cavite, P. I.	NFO	300, 600	PG	N	Do.
Cayey, P. R.	NZR	300, 600	PG	N	Do.
Cebu, P. I.	KCXJ				Philippine Insular Gov- ernment.
Charleston, S. C.	NAO	300, 600	PG	N	U. S. Navy.
Chatham, Mass.	NXA	300, 600	O	X	Do.
Chicago, Ill.	NUR	300, 600	PG	N	Do.
Chicago, Ill.	WWG				Post Office Depart- ment.
Circle City, Alaska.	WVA	1280	PG	(1)	U. S. Army.
Cleveland, Ohio.	NRH	300, 600	PG	N	U. S. Navy.
Cleveland, Ohio.	WWO				Post Office Depart- ment.
Coasters Harbor Island, R. I.	NAF	300, 600	PG	N	U. S. Navy.
Coco Solo, C. Z.	NNL	300, 600	PG	N	Do.
College Park, Md.	WWX				Post Office Depart- ment.
Colon, C. Z.	NAX	300, 600	PG	N	U. S. Navy.
Cordova, Alaska.	NPA	300, 600	PG	N	Do.
Craig, Alaska.	WYO	600	PR	(1)	U. S. Army.
Cuyo, P. I.	WVX	600, 1200	PR	(2)	Philippine Insular Gov- ernment.
Darien, C. Z.	NBA	300, 600	PG	N	U. S. Navy.
Davao, P. I.	WVO	600, 1200	PG	(2)	Philippine Insular Gov- ernment.
Detroit, Mich.	NRQ	300, 600	PG	N	U. S. Navy.
Duluth, Minn.	NUX	300, 600	PG	N	Do.
Dutch Harbor, Alaska.	NPR	300, 600	PG	N	Do.
Ecorse, Mich.	NDL	300, 600	PG	N	Do.
Eureka, Calif.	NPW	300, 600	PG	N	Do.
Fairbanks, Alaska.	WVB	1500	PG	(1)	U. S. Army.
Farallons, Calif.	NPI	300, 600	PG	N	U. S. Navy.
Fire Island, N. Y.	NAH	300, 600	PG	N	Do.
Fort Adams, R. I.	WUU	Variable.	O	X	U. S. Army.
Fort Andrews, Mass.	WUA	1100	O	X	Do.
Fort Barrancas, Fla.	WZD	600, 800, 1000, 1150, 1230	O	X	Do.
Fort Bliss, Tex.	WZO	3100, 6000, 7000, 8000, 10000	O	N	Do.

¹ Operates from 8 a. m. to 8 p. m.

² Operates from 7 a. m. to 6 p. m.

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

Station.	Call signal.	Wave lengths.	Serv-ice.	Hours.	Station controlled by—
Fort Brown, Tex.....	WUZ	1350, 1700, 2100, 2700, 3100, 4700, 6300, 7000	O	N	U. S. Army.
Fort Casey, Wash.....	WZJ	500	O	N	Do.
Fort Caswell, N. C.....	WUT	825	O	X	Do.
Fort Constitution, N. H.....	WZE	300, 400, 500, 600, 700, 800, 900, 1000	O	X	Do.
Fort Crockett, Tex.....	WUX	500, 900	O	X	Do.
Fort Dade, Fla.....	WZK	825	O	X	Do.
Fort De Russy, Hawaii.....	WZG	.....	O	X	Do.
Fort Drum, P. I.....	WVP	430	O	X	Do.
Fort Du Pont, Del.....	WZN	.....	O	X	Do.
Fort Egbert, Alaska.....	WVC	1500	PG	(1)	Do.
Fort Frank, P. I.....	WVL	.....	O	X	Do.
Fort Gibbon, Alaska.....	WVD	2000	PG	(1)	Do.
Fort Hancock, N. J.....	WUB	1200	O	X	Do.
Fort H. G. Wright, N. Y.....	WUC	600	O	X	Do.
Fort Howard, Md.....	WZB	600, 825, 1200	O	X	Do.
Fort Huachuca, Ariz.....	WZP	2,300, 2750	O	N	Do.
Fort Hughes, P. I.....	WVM	600	O	X	Do.
Fort Leavenworth, Kans.....	WUD	1800	O	X	Do.
Fort Levett, Me.....	WUE	300	O	X	Do.
Fort McIntosh, Tex.....	WUH	1350, 1665, 1975, 2275, 2550, 3050	O	N	Do.
Fort Mills, P. I.....	WVZ	600	O	X	Do.
Fort Mills, P. I.....	WVN	300, 600, 825, 1200	O	N	Do.
Fort Monroe, Va.....	WUF	400, 600, 825, 1100	O	X	Do.
Fort Monroe, Va.....	WUG	600, 825	O	X	Do.
Fort Morgan, Ala.....	WUR	600, 1200	O	X	Do.
Fort Moultrie, S. C.....	WZF	600, 825	O	X	Do.
Fort Riley, Kans.....	WUI	1200	O	X	Do.
Fort Rosecrans, Calif.....	WUS	300, 575	O	X	Do.
Fort Sam Houston, Tex.....	WUJ	3100, 4700, 6300, 7500, 9500	O	N	Do.
Fort St. Michael, Alaska.....	WVE	600, 900	PG	(1)	Do.
Fort St. Philip, La.....	WXQ	450, 600, 1100	O	X	Do.
Fort San Jacinto, Tex.....	WUY	300, 1200	O	X	Do.
Fort Screven, Ga.....	WZA	825	O	X	Do.
Fort Stevens, Oreg.....	WUK	1100	O	X	Do.
Fort Story, Va.....	WXZ	360, 525, 825, 1100	O	X	Do.
Fort Terry, N. Y.....	WUV	Variable.	O	X	Do.
Fort Totten, N. Y.....	WUL	600, 800, 1100, 1200	O	N	Do.
Fort Travis, Tex.....	WXP	600, 900	O	X	Do.
Fort Whitman, Wash.....	WZC	400, 1100	O	X	Do.
Fort William McKinley, P. I.....	WVQ	600	O	X	Do.
Fort Winfield Scott, Calif.....	WUO	1100	O	X	Do.
Fort Wint, P. I.....	WVR	1200	O	X	Do.
Fort Wood, N. Y.....	WUM	600, 800, 1000, 1200	O	X	Do.
Fort Worden, Wash.....	WUN	1200	O	X	Do.
Fort Yukon, Alaska.....	WXX	600	O	(1)	Do.
Frankfort, Mich.....	NSR	300, 600	PG	N	U. S. Navy.
Galveston, Tex.....	NKB	300, 600	PG	N	Do.
Grand Haven, Mich.....	NSY	300, 600	PG	N	Do.
Great Lakes, Ill.....	NAJ	300, 600	PG	N	Do.
Guam, Guam.....	NPN	300, 600	PG	N	Do.
Guantanamo Bay, Cuba.....	NAW	300, 600	PG	N	Do.
Hampton Roads, Va.....	NAM	300, 600	PG	N	Do.
Heeia Point, Hawaii.....	NPM	300, 600	PG	N	Do.
Hillcrest, Calif.....	NPG	300, 600	PG	N	Do.
Holy Cross, Alaska.....	WVK	600	PG	(1)	U. S. Army.
Iditarod, Alaska.....	WXL	300, 500, 600, 1650	PR	(2)	Do.
Iloilo, P. I.....	KUVM	.....	.....	.....	Philippine Insular Government.
Indian Head, Md.....	NBG	300, 600	O	X	U. S. Navy.
Inglewood, Calif.....	NPX	300, 600	PG	N	Do.
Isabela de Basilan, P. I.....	KHI	200	.....	(3)	Philippine Insular Government.

¹ Operates from 8 a. m. to 8 p. m.
² Operates from 9 a. m. to 7 p. m.

³ Operates from 8.20 a. m. to 4 p. m.

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

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Jacksonville, Fla.	NFI	300,600	PG	N	U. S. Navy.
Jolo, P. I.	WVS	600	PG	(1)	Philippine Insular Government.
Juneau, Alaska.	NVD	300,600	PG	N	U. S. Navy.
Jupiter, Fla.	NAQ	300,600	PG	N	Do.
Kanakanak, Alaska.	KGU		O	X	Department of Interior.
Ketchikan, Alaska.	NVH	300,600	PG	N	U. S. Navy.
Keyport, Wash.	NPZ	300,600	PG	N	Do.
Key West, Fla.	NAR	300,600	PG	N	Do.
Kodiak, Alaska.	NPS	300,600	PG	N	Do.
Kotlik, Alaska.	WVF	600,800	PG	(2)	U. S. Army.
La Palma, R. P.	NNW	300,600	PG	N	U. S. Navy.
Light Vessel No. 1, Martins Industry, S. C.	NART	300,600	PG	N	Do.
Light Vessel No. 3, Haudkerchief, Mass.	NAQS	300,600	PG	N	Do.
Light Vessel No. 5, Stone Horse Shoal, Mass.	NANT	300,600	PG	N	Do.
Light Vessel No. 9, Hedge Fence, Mass.	NATD	300,600	PG	N	Do.
Light Vessel No. 11, Scotland, N. Y.	NARV	300,600	PG	N	Do.
Light Vessel No. 20, Cross Rip, Mass. (only).	NAQB	300,600	PG	N	Do.
Light Vessel No. 23, Ram Island Reef, Conn.	NARX	300,600	PG	N	Do.
Light Vessel No. 34, Charleston, S. C.	NAZJ	300,600	PG	N	Do.
Light Vessel No. 39, Brenton Reef, R. I.	NASB	300,600	PG	N	Do.
Light Vessel No. 41, Vineyard Sound, Mass.	NACX	300,600	PG	N	Do.
Light Vessel No. 42, Hen and Chickens, Mass.	NAPP	300,600	PG	N	Do.
Light Vessel No. 44, Northeast End, N. J.	NARS	300,600	PG	N	Do.
Light Vessel No. 46, Tail of Horseshoe, Va.	NAZR	300,600	PG	N	Do.
Light Vessel No. 47, Pollock Rip, Mass.	NANS	300,600	PG	N	Do.
Light Vessel No. 48, Cornfield Point, Conn.	NASC	300,600	PG	N	Do.
Light Vessel No. 52, Fenwick Island Shoal, Del.	NAJS	300,600	PG	N	Do.
Light Vessel No. 54, Boston, Mass.	NADX	300,600	PG	N	Do.
Light Vessel No. 66, Great Round Shoals, Mass.	NABJ	300,600	PG	N	Do.
Light Vessel No. 67, Umatilla Reef, Wash.	NACV	300,600	PG	N	Do.
Light Vessel No. 68, Fire Island.	NLS	300,600	PG	N	Do.
Light Vessel No. 69, Overfalls, Del.	NAKT	300,600	PG	N	Do.
Light Vessel No. 70, San Francisco, Calif. (Golden Gates).	NAKS	300,600	PG	N	Do.
Light Vessel No. 72, Diamond Shoals, N. C.	NITQ	300,600	PG	N	Do.
Light Vessel No. 73, Pollock Rip Slue, Mass.	NAFT	300,600	PG	N	Do.
Light Vessel No. 74, Portland, Me.	NAMS	300,600	PG	N	Do.
Light Vessel No. 79, Five Fathom Bank, N. J.	NADV	300,600	PG	N	Do.
Light Vessel No. 80, Cape Lookout Shoals, N. C.	NABV	300,600	PG	N	Do.
Light Vessel No. 81, Heald Bank, Tex.	NLP	300,600	PG	N	Do.
Light Vessel No. 83, Blunts Reef, Calif.	NACT	300,600	PG	N	Do.
Light Vessel No. 84, Brunswick, Ga.	NABX	300,600	PG	N	Do.
Light Vessel No. 85, Nantucket Shoals, Mass.	NLA	300,600	PG	N	Do.
Light Vessel No. 87, Ambrose Channel, N. Y.	NALS	300,600	PG	N	Do.
Light Vessel No. 88, Columbia, Oreg. ...	NAJT	300,600	PG	N	Do.
Light Vessel No. 91, Winter Quarter Shoals, Va.	NADT	300,600	PG	N	Do.
Light Vessel No. 93, Swiftsure Bank, Wash.	NABT	300,600	PG	N	Do.
Light Vessel No. 94, Frying Pan Shoals, N. C.	NLC	300,600	PG	N	Do.
Light Vessel No. 101, Cape Charles, Va.	NAJV	300,600	PG	N	Do.
Light Vessel No. 102, South Pass, La. .	NAGT	300,600	PG	N	Do.
Ludington, Mich.	NMT	300,600	PG	N	Do.
Mackinac Island, Mich.	NUD	300,600	PG	N	Do.
Malabang, P. I.	WVT	600,1200	PG	(3)	Philippine Insular Government.
Malangas, P. I.	KUXG				Do.

¹ Operates from 7 a. m. to 5.15 p. m.² Operates from 8 a. m. to 8 p. m.³ Operates from 7 a. m. to 7.30 p. m.

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

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Managua, Nicaragua.....	NAZ	300, 600	PG	N	U. S. Navy.
Manati, Cuba.....	NMB	300, 600	PG	N	Do.
Manila, P. I.....	WVU	600	O	X	U. S. Army.
Manistique, Mich.....	NUB	300, 600	PG	N	U. S. Navy.
Manitowoc, Wis.....	NTY	300, 600	PG	N	Do.
Mare Island, Calif. (Navy Yard).....	NPG	300, 600	PG	N	Do.
Marshfield, Oreg.....	NPF	300, 600	PG	N	Do.
McGrath, Alaska.....	WXV				U. S. Army.
Miami, Fla.....	NGE	300, 600	PG	N	U. S. Navy.
Milwaukee, Wis.....	NUK	300, 600	PG	N	Do.
Mobile, Ala.....	NGT	300, 600	PG	N	Do.
Naval Academy, Md.....	NAK	300, 600	PG	N	Do.
Navassa Island, W. I.....	NKC	300, 600	PG	N	Do.
New London, Conn.....	NRZ	300, 600	PG	N	Do.
New Orleans, La.....	NAT	300, 600	PG	N	Do.
Newport, R. I.....	NAF	300, 600	PG	N	Do.
Newark, N. J.....	WWU				Post Office Department.
New York, N. Y.....	KUVS	300, 400, 600	PR	N	Police Department, New York City.
New York, N. Y.....	NAH	300, 600	PG	N	U. S. Navy.
Nome, Alaska.....	WVG	600, 2000, 2500, 3000	PG	(1)	U. S. Army.
Norfolk, Va.....	NAM	300, 600	PG	N	U. S. Navy.
North Head, Wash.....	NPE	300, 600	PG	N	Do.
Nulato, Alaska.....	WVH	1400	PG	(1)	U. S. Army.
Olongapo, P. I.....	NPT	300, 600	PG	N	U. S. Navy.
Pearl Harbor, Hawaii.....	NPM	300, 600	PG	N	Do.
Peking, China.....	NPP	300, 600	PG	N	Do.
Pensacola, Fla.....	NAS	300, 600	PG	N	Do.
Petersburg, Alaska.....	WVI	500	PG	(1)	U. S. Army.
Philadelphia, Pa.....	NAI	300, 600	PG	N	U. S. Navy.
Point Arguello, Calif.....	NPK	300, 600	PG	N	Do.
Point Isabel, Tex.....	NAY	300, 600	PG	N	Do.
Port Arthur, Tex.....	NJY	300, 600	PG	N	Do.
Portland, Me.....	NAB	300, 600	PG	N	Do.
Pert au Prince, Haiti.....	NSC	300, 600	PG	N	Do.
Port Royal, S. C.....	NAV	300, 600	PG	N	Do.
Portsmouth, N. H.....	NAC	300, 600	PG	N	Do.
Puerto Obaldia, R. P.....	NRK	300, 600	PG	N	Do.
Puerto Princesa, P. I.....	WVV	600, 1200	PG	(2)	Philippine Insular Government.
Puget Sound, Wash.....	NPC	300, 600	PG	N	U. S. Navy.
Radio, Va.....	NAA	300, 600	PG	N	Do.
Relief Light Vessel No. 2, fifth district, Baltimore.	NUGF	300, 600	PG	N	Do.
Relief Light Vessel No. 4, first district, Boston.	NAZV	300, 600	PG	N	Do.
Relief Light Vessel No. 16, third district, New York.	NASK	300, 600	PG	N	Do.
Relief Light Vessel No. 49, sixth district, Baltimore.	NESC	300, 600	PG	N	Do.
Relief Light Vessel No. 53, sixth district, South Carolina.	NAJC	300, 600	PG	N	Do.
Relief Light Vessel No. 76, twelfth district.	NACD	300, 600	PG	N	Do.
Relief Light Vessel No. 78, third district, New York.	NITR	300, 600	PG	N	Do.
Relief Light Vessel No. 86, first naval district.	NAJ	300, 600	PG	N	Do.
Relief Light Vessel No. 90, first district, Boston.	NITS	300, 600	PG	N	Do.
Relief Light Vessel No. 92, thirteenth district, Pacific.	NADB	300, 600	PG	N	Do.
Rockaway Beach, N. Y.....	NAH	300, 600	PG	N	Do.
St. Augustine, Fla.....	NAP	300, 600	PG	N	Do.
St. Croix, V. I.....	NNI	300, 600	PG	N	Do.
St. George, Alaska.....	NPY	300, 600	PG	N	Do.
St. Paul, Alaska.....	NPQ	300, 600	PG	N	Do.
St. Thomas, V. I.....	NBB	300, 600	PG	N	Do.
San Diego, Calif.....	NPL	300, 600	PG	N	Do.
San Domingo City, D. R.....	NJG	300, 600	PG	N	Do.
San Francisco, Calif.....	NPG	300, 600	PG	N	Do.
San Francisco Beach, Calif.....	NPG	300, 600	PG	N	Do.
San Jose, P. I.....	WVY	600	PG	(2)	Philippine Insular Government.
San Juan, P. R.....	NAU	300, 600	PG	N	U. S. Navy.
San Pedro, Calif.....	NPX	300, 600	PG	N	Do.

¹ Operates from 8 a. m. to 8 p. m.

² Operates from 7 a. m. to 6 p. m.

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

Station.	Call signal.	Wave lengths.	Serv-ice.	Hours.	Station controlled by—
Savannah, Ga.	NEV	300,600	PG	N	U. S. Navy.
Sayville, N. Y.	NDD	300,600	PG	N	Do.
Sea Gate, N. Y.	NAH	300,600	PG	N	Do.
Seattle, Wash.	KPE	300,450,525, 600	PG	N	Harbor Department, City of Seattle.
Seattle, Wash.	NVL	300,600	PG	N	U. S. Navy.
Seward, Alaska.	NPV	300,600	PG	N	Do.
Shanghai, China.	NPJ	300,600	PG	N	Do.
Shanghai, China.	WZI				U. S. Army.
Siasconset, Mass.	NBS	300,600	PG	N	U. S. Navy.
Sitka, Alaska.	NPB	300,600	PG	N	Do.
Tampa, Fla.	NGL	300,600	PG	N	Do.
Tatoosh, Wash.	NPD	300,600	PG	N	Do.
Tien-Tsin, China.	WYX				U. S. Army.
Tongshan, China.	WJD				Do.
Tutuila, Samoa.	NPU	300,600	PG	N	U. S. Navy.
Virginia Beach, Va.	NCZ	300,600	PG	N	Do.
Vladivostok, Siberia.	NPH	300,600	PG	N	Do.
Washington, D. C. (Navy Department)	NAA	300,600	PG	N	Do.
Washington, D. C. (Arlington)	NAA	300,600	PG	N	Do.
Washington, D. C. (Navy Yard)	NAL	300,600	PG	N	Do.
Washington, D. C. (Bureau of Stand- ards).	NSJ	300,600	O	X	Do.
Washington, D. C. (Signal Corps labo- ratory).	WUP	Variable.	O	X	U. S. Army.
Washington, D. C. (Signal Corps labo- ratory).	WUQ	Variable.	O	X	Do.
Washington, D. C. (Bureau of Stand- ards).	WWV	Variable.	O	X	Department of Com- merce.
Wilmington, N. C.	NWN	300,600	PG	N	U. S. Navy.
Wrangell, Alaska.	WVJ	475	PG	N	U. S. Army.
Yerba Buena, Calif. (Goat Island)	NPQ	300,600	PG	N	U. S. Navy.
Zamboanga, P. I.	WVW	600,1200	PG		Philippine Insular Gov- ernment.

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.
A-2.....	NXB	Benham.....	NIJ	Charlotte.....	NMN
A-3.....	NXC	Bernadou.....	NESS	Chase.....	NUMK
A-4.....	NXD	Biddle.....	NVW	Chattanooga.....	NGI
A-5.....	NXE	Hillingsley.....	NUPQ	Chauncey.....	NIFF
A-6.....	NXF	Birmingham.....	NCN	Chemung.....	NARG
A-7.....	NXG	Bittern.....	NIJR	Chester.....	NDG
AA-1.....	NILB	Black Hawk.....	NAJD	Chew.....	NEMZ
AA-2.....	NABB	Blakely.....	NVX	Chewink.....	NIJV
AA-3.....	NABZ	Bobolink.....	NIJJ	Cheyenne.....	NDH
Aaron Ward.....	NELX	Boggs.....	NAMT	Chicago.....	NDI
Abaranda.....	NOB	Borie.....	NULL	Childs.....	NULN
Abbot.....	NEZS	Boston.....	NGC	Claxton.....	NEZT
Acushnet (C. G. C.).....	NRU	Bothwell (C. G. C.).....	NEKD	Clemson.....	NEQT
Ajax.....	NAKD	Boyce (C. G. C.).....	NISD	Cleveland.....	NDM
Alabama.....	NBI	Branch.....	NEML	Coast Torpedo Boat No. 6.....	NIFT
Alameda.....	NUGJ	Brant.....	NAFF	Coghlan.....	NUPK
Albany.....	NBJ	Brazos.....	NIFK	Cole.....	NEST
Albross.....	NQY	Breck.....	NULZ	Colhoun.....	NAJL
Alden.....	NULK	Breckinridge.....	NERZ	Colonel George Armi- stead.....	WYG
Alert.....	NBL	Breece.....	NESM	Colorado.....	NECR
Algonquin (C. G. C.).....	NRA	Bridge.....	NOI	Columbia.....	NGA
Algerna.....	NEVP	Bridgeport.....	NGR	Columbine (L. H. T.).....	NLL
Allegheny.....	NACZ	Brooklyn.....	NFA	Comanche (C. G. C.).....	NRW
Allen.....	NJD	Brooks.....	NEZX	Comfort.....	NDO
Ammen.....	NBP	Broome.....	NEPF	Concord.....	NQH
Androscoggin (C. G. C.).....	NRD	Bruce.....	NUPS	Connecticut.....	NDQ
Anemone (L. H. T.).....	NABP	Brutus.....	NNA	Conner.....	NSN
Annapolis.....	NBR	Buchanan.....	NEQS	Constellation.....	NEDF
Anthony.....	NEVS	Buffalo.....	NCU	Constellation (old).....	NEFY
Antigone.....	KOKN	Buford.....	WXA	Constitution.....	NEBF
Apache (C. G. C.).....	NACB	Bulmer.....	NUPN	Constitution (old).....	NLZ
Aramis.....	NARP	Burns.....	NAFS	Contoocook.....	NELR
Arapaho.....	NSP	Burnside.....	WXR	Converse.....	NAPM
Arbutus (L. H. T.).....	NAGM	Burrows.....	NCV	Conyngham.....	NJE
Arcata (C. G. C.).....	NADD	Bush.....	NETT	Cook (C. G. C.).....	NIGT
Arethusa.....	NBU	Bushnell.....	NZC	Cormorant.....	NIKV
Arizona.....	NBW	C-1.....	NXK	Cowell.....	NETV
Arkansas.....	NBV	C-2.....	NXL	Crane.....	NIFB
Ardostook.....	NMK	C-3.....	NXM	Craven.....	NERJ
Asheville.....	NELV	C-4.....	NXN	Crook.....	WXB
Astoria.....	NGM	C-5.....	NXO	Crosby.....	NESZ
Atlantic.....	NENN	Cadmus.....	WUAB	Crowninshield.....	NADF
Auk.....	NIIT	Caesar.....	NSI	Culgoa.....	NDU
Aulick.....	NERG	Caldwell.....	NDF	Cummings.....	NIL
Avocet.....	NADP	California.....	NDF	Cumberland.....	NSZ
Aylwin.....	NIH	Camden.....	NAPR	Curacao.....	NAGQ
Azalea (L. H. T.).....	NXU	Canandaigua.....	NCR	Curlew.....	NIJB
B-1.....	NXH	Canonicus.....	NCS	Cushing.....	NIM
B-2.....	NXI	Captain A. M. Wether- ill.....	WYT	Cuyama.....	NOD
B-3.....	NXJ	Captain Charles W. Kowell.....	WYI	Cyan.....	NIJV
Babbitt.....	NEPX	Captain Gregory Bar- rett.....	WYP	Cygan (C. G. C.).....	NICP
Bache (C. & G. S.).....	NLK	Captain James For- nance.....	WYM	Cypress (L. H. T.).....	NLM
Badger.....	NEPT	Captain T. M. Morris- son.....	WYZ	Cyrus W. Field.....	WXS
Badger, George E.....	NUJG	Cardinal.....	NAFN	D-1.....	NXP
Bagaduce.....	NAZP	Carr (C. G. C.).....	NEXP	D-2.....	NXQ
Bagley.....	NVU	Carrabasset.....	NEVQ	D-3.....	NXR
Baliv.....	NCF	Case.....	NUNX	Dahlgren.....	NVZ
Bainbridge.....	NUQL	Cassin.....	NIK	Dalc.....	NUND
Balch.....	NIH	Castine.....	NDA	Dallas.....	NFNM
Ballard.....	NIEN	Cayuga.....	NAFP	Davis.....	NJF
Baltimore.....	NCH	Cedar (L. H. T.).....	NLW	Decatur.....	NUQV
Bancroft.....	NAJQ	Celtic.....	NDB	Delaware.....	NEK
Barry.....	NUQP	Champlin.....	NEKQ	De Long.....	NWB
Barker.....	NUJK	Chandler.....	NAGL	Delphy.....	NEZQ
Barney.....	NVV	Charles Ausburne.....	NUPR	Dent.....	NEGF
Bath.....	NHY	Charles S. Osborne.....	NABG	Denver.....	NEM
Beale.....	NCL	Charleston.....	NFE	Des Moines.....	NEN
Bear (C. G. C.).....	NRB			Despatch.....	NIDF
Beaufort.....	NGP			Dickerson.....	NAFC
Beaver.....	NEQQ				
Belknap.....	NEZZ				
Bell.....	NATG				

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Dix.....	WXC	Explorer (C. & G. S.)..	NAVM	H-6.....	NEFC
Dixie.....	NEP	F-2.....	NXV	H-7.....	NEJS
Dobbin.....	NUNR	F-3.....	NXW	H-8.....	NELN
Dolphin.....	NEQ	Fairfax.....	NTN	H-9.....	NEBV
Dorsey.....	NELG	Falcon.....	NEKN	Hale.....	NACL
Downes.....	NIN	Fanning.....	NFM	Hamilton.....	NIFL
Doyen.....	NUJS	Farquhar.....	NANZ	Hancock.....	NHI
Drayton.....	NET	Farragut.....	NVS	Hannibal.....	NGU
Dreadnaught.....	NCX	Favorite.....	NAJN	Haraden.....	NEXZ
Dubaque.....	NEU	Fern (L. H. T.).....	NAFV	Harbor Tug No. 61.....	NUMX
Duncan.....	NIR	Finch.....	NAJP	Harbor Tug No. 63.....	NULD
Dupont.....	NWC	Flamingo.....	NIJN	Harbor Tug No. 64.....	NUMT
Dyer.....	NACN	Florida.....	NFR	Harbor Tug No. 67.....	NULG
E-1.....	NXS	Flusser.....	NUNF	Harbor Tug No. 68.....	NUMR
E-2.....	NXT	Foote.....	NWF	Harbor Tug No. 74.....	NEKP
Eagle 1.....	NEJB	Ford.....	NUQJ	Harling.....	NEMV
Eagle 2.....	NEJC	Fortune.....	NEFS	Hart.....	NENV
Eagle 3.....	NEJD	Fox.....	NWJ	Hartford.....	NGV
Eagle 4.....	NEJF	Frederick.....	NJS	Hatfield.....	NEZV
Eagle 5.....	NEJG	Fuller.....	NIFG	Hazelwood.....	NENS
Eagle 6.....	NEJH	Fulton.....	NZD	Heather (L. H. T.).....	NAKL
Eagle 7.....	NEJK	G-1.....	NXY	Helena.....	NGY
Eagle 8.....	NEJL	G-2.....	NXZ	Henderson.....	NOH
Eagle 9.....	NEJM	G-3.....	NYA	Henley.....	NHA
Eagle 10.....	NEJN	G-4.....	NYB	Henry Wilson.....	WZS
Eagle 11.....	NEJP	Galveston.....	NGD	Henshaw.....	NUJQ
Eagle 12.....	NEJQ	Gamble.....	NEZR	Herbert.....	NEMJ
Eagle 13.....	NEJR	Gannet.....	NIJX	Hercules.....	NEKR
Eagle 14.....	NEJS	Gen. Alava.....	NAMG	Herndon.....	NENJ
Eagle 15.....	NEJT	Gen. A. M. Randal.....	WYJ	Heron.....	NENL
Eagle 17.....	NEJX	Gen. E. O. C. Ord.....	WYF	Hibiscus (L. H. T.).....	NAKN
Eagle 18.....	NEJZ	Gen. George H. Weeks.....	WZT	Hogan.....	NEXT
Eagle 19.....	NEKB	Gen. G. W. Getty.....	WYS	Hopewell.....	NEXX
Eagle 23.....	NEKG	Gen. Harvey Brown.....	WYK	Hopkins.....	NUQM
Eagle 25.....	NEKK	Gen. Henry J. Hunt.....	WYD	Housatonic.....	NFX
Eagle 26.....	NEXF	Gen. Henry Knox.....	WYE	Houston.....	NGZ
Eagle 27.....	NEXG	Gen. J. M. Brannan.....	WZV	Hovey.....	NEPB
Eagle 28.....	NEXM	Gen. John M. Schofield.....	WXW	Howard.....	NIFM
Eagle 29.....	NEXN	Gen. Miffin.....	WZX	Hulbert.....	NUKD
Eagle 31.....	NEZG	Gen. Nathaniel Greene.....	WZR	Hull.....	NUQT
Eagle 32.....	NEZJ	Gen. R. B. Ayres.....	WYL	Humphreys.....	NUKX
Eagle 33.....	NIBB	Gen. R. H. Jackson.....	WYW	Hunt.....	NUJF
Eagle 34.....	NIBD	Gen. Richard Arnold.....	WYY	Huntington.....	NWVG
Eagle 35.....	NIBG	Gen. R. N. Batchelder.....	WZW	Huron.....	NSX
Eagle 36.....	NIBK	Gen. Robt. Anderson.....	WYH	Hyacinth (L. H. T.).....	NAGV
Eagle 37.....	NIBM	Gen. Robt. W. Swart- out.....	WYU	Idaho.....	NHN
Eagle 38.....	NIBN	Gen. Royal T. Frank.....	WYA	Illinois.....	NHO
Eagle 39.....	NIBC	Gen. S. B. Holabird.....	WYV	Indiana.....	NHQ
Eagle 40.....	NIBF	Gen. S. M. Mills.....	WYB	Ingraham.....	NENX
Eagle 41.....	NIBJ	Gen. Timothy Pick- ering.....	WZQ	Ingram, Osmond.....	NIGF
Eagle 42.....	NIBL	Gen. Wm. M. Graham.....	WEY	Intrepid.....	NFY
Eagle 43.....	NIBP	Georgia.....	WEF	Iowa.....	NHT
Eagle 44.....	NIBQ	Gillis.....	NERR	Iris (L. H. T.).....	NALL
Eagle 45.....	NIBR	Gilmer.....	NERB	Iroquois.....	NHV
Eagle 46.....	NIBS	Glacier.....	NGH	Isherwood.....	NUNV
Eagle 47.....	NIBT	Coff.....	NUQF	Israel.....	NENG
Eagle 48.....	NIBV	Goldsborough.....	NGJ	Itasca (C. G. C.).....	NRI
Eagle 49.....	NIBX	Gorgona.....	NDJ	Iuka.....	NEVR
Eagle 50.....	NIBZ	Graham.....	NAGJ	Ivy (L. H. T.).....	NAKV
Eagle 51.....	NICB	Great Northern.....	WIR	Jacob Jones.....	NEPZ
Eagle 52.....	NICC	Grebe.....	NIKX	Jarvis.....	NIB
Eagle 53.....	NICD	Greene.....	NIGM	Jason.....	NNB
Eagle 54.....	NICF	Greer.....	NERT	Jenkins.....	NID
Eagle 55.....	NICG	Gregory.....	NAJR	J. Fred Tallott.....	NIGR
Eagle 56.....	NICJ	Gresham (C. G. C.).....	NRG	Johanson (C. G. C.).....	NIQP
Eagle 57.....	NICK	Gridley.....	NEMX	John D. Edwards.....	NUPC
Eagle 58.....	NICL	Gullport.....	NHS	John Frances Burnes.....	NIGQ
Eagle 59.....	NICM	Gwalla.....	WUAD	Joseph Henry.....	WXT
Eagle 60.....	NICN	Gwin.....	NAGX	Jouett.....	NIE
Earp (C. G. C.).....	NEKF	Gypsum Prince.....	WUAC	K-1.....	NYF
Edsall.....	NUPM	Gypsum Queen.....	NAKC	K-2.....	NYG
Edwards.....	NIGL	H-1.....	NYC	K-3.....	NYH
Eider.....	KOKJ	H-2.....	NYD	K-4.....	NYI
Eider.....	NIKR	H-3.....	NYE	K-5.....	NYJ
El Cano.....	NFD	H-4.....	NEQM	K-6.....	NYK
Elliot.....	NERV	H-5.....	NETG	K-7.....	NYL
Ellis.....	NIFD			K-8.....	NYM
Ericsson.....	NIS			Kalk.....	NTGD
Evans.....	NEMS			Kalmia.....	NAZS

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Kanawha.....	NND	Major Guy Howard.....	WZY	Natoma.....	NUGG
Kane.....	NULM	Major Samuel Ringgold	WYC	Narragansett.....	NAMN
Kankakee (C. G. C.)	NUMZ	Mallard.....	NIKB	Navajo.....	NKZ
Kansas.....	NIO	Mangrove (L. H. T.).....	NANV	Navesink.....	WXU
Kaweah.....	NUGK	Manhattan (C. G. C.).....	NEKZ	Nebraska.....	NMA
Kearsarge.....	NIP	Manley.....	NSH	Neehes.....	NIFP
Kennedy.....	NAZM	Manning (C. G. C.).....	NRN	Neptune.....	NMS
Kennison.....	NEQX	Mansfield.....	NUMV	Nereus.....	NNF
Kentucky.....	NIQ	Manzanita (L. H. T.).....	NLU	Nero.....	NEDX
Kesauqua.....	NEXC	Maple (L. H. T.).....	NAPV	Nevada.....	NCA
Kewardin.....	NAXN	Marblehead.....	NGK	New Hampshire.....	NME
Kidder.....	NUJX	Marcus.....	NUMG	New Jersey.....	NMF
Kilkenny.....	KKI	Marigold (L. H. T.).....	NAQV	New Mexico.....	NQW
Kilpatrick.....	WXD	Mars.....	NJR	New Orleans.....	NMG
Kilty.....	NAKX	Maryland.....	NARC	Newport.....	NMH
Kimberly.....	NADD	Mason.....	NAGG	Newport News.....	NHZ
King.....	NULP	Massachusetts.....	NJPT	New York.....	NCC
Kingfisher.....	NALP	Mattota.....	NUGM	Niagara.....	NABC
Kittery.....	NBW	Maumee.....	NNE	Nicholas.....	NUNZ
Klingelhoefer (C. G. C.)	NISC	Mauzy.....	NEPG	Nicholson.....	NIU
Knudsen (C. G. C.)	NEXL	Mayflower (L. H. T.).....	NZQ	Nitro.....	NELL
Koka.....	NETZ	Mayflower (President's		Noa.....	NUKF
Kukui (L. H. T.)	NLF	yacht).....	NJV	Nopatin.....	NAMQ
L-1.....	NYN	Mayrant.....	NIJ	North Carolina.....	NISK
L-2.....	NYO	McCall.....	NJW	North Dakota.....	NMO
L-3.....	NYP	McCalla.....	NIGC	Northern Pacific.....	WIM
L-4.....	NYQ	McCawley.....	NULS	O-1.....	NEXJ
L-5.....	NYR	McCook.....	NIGB	O-2.....	NETI
L-6.....	NYB	McCormick.....	NUPZ	O-3.....	NAMR
L-7.....	NYT	McDermut.....	NIGG	O-4.....	NAMX
L-8.....	NYU	McDougal.....	NIT	O-5.....	NAMZ
L-9.....	NYV	McFarland.....	NETB	O-6.....	NANB
L-10.....	NYW	McGourty (C. G. C.).....	NEJV	O-7.....	NANC
L-11.....	NYX	Mattota.....	NEMT	O-8.....	NAND
Lamberton.....	NAZL	McKee.....	NACQ	O-9.....	NAGB
Lambson.....	NUNC	McLanahan.....	NIGK	O-10.....	NAXT
Langley.....	NNC	Meade.....	NEBJ	O-11.....	NETK
Lansdale.....	NERL	Medina.....	NEMC	O-12.....	NETL
Lapwing.....	NALC	Mehalatos (C. G. C.).....	NIDL	O-13.....	NEZN
Laramie.....	NUGL	McWille.....	NKA	O-14.....	NEVD
Lardner.....	NUPF	Mercury.....	NKK	O-15.....	NAXS
Lark.....	NIJK	Meredith.....	NETS	O-16.....	NASM
Larkspur (L. H. T.)	NAMB	Merritt.....	WXI	O'Bannon.....	NEXS
Larsen (C. G. C.)	NITK	Mervine.....	NUMJ	O'Brien.....	NIV
Laub.....	NIJG	Meyer.....	NAMC	Ohio.....	NMQL
Laurel (L. H. T.)	NALV	Mexican.....	NAMC	Oil Barge No. 9.....	NEQL
La Vallette.....	NUJT	Michigan.....	NJZ	Oklahoma.....	NCB
Lawrence.....	NUQQ	Minneapolis.....	NGB	Olympia.....	NGG
Lea.....	NETF	Minnesota.....	NKD	Onondaga (C. G. C.).....	NRO
Leary.....	NAFL	Mississippi.....	NKE	Ontario.....	NTA
Lebanon.....	NIZ	Missoula.....	NKM	Orchid (L. H. T.).....	NLT
Leonidas.....	NNH	Missouri.....	NKF	Oregon.....	NMZ
Lexington.....	NEDB	Mohave.....	NTO	Oriole.....	NEVM
Lieut. Geo. M. Harris.	WYR	Mohawk.....	NUFB	Orion.....	NOC
Lilac (L. H. T.)	NUCF	Mohican.....	NZA	Ortolan.....	NIKC
Liscum.....	WXE	Monadnock.....	NHD	Osborne.....	NUQC
Litchfield.....	NUMM	Monaghan.....	NKL	Oscocla.....	NOA
Little.....	NRT	Monocacy.....	NQQ	Osprey.....	NIJL
Logan.....	WXP	Montana.....	NIJ	Ossipee.....	NRJ
Long, J. D.....	NEPD	Montcalm.....	NEQF	Overton.....	NUJN
Long Beach.....	NEFZ	Monterey.....	NKN	Oveson (C. G. C.).....	NIZD
Louisiana.....	NJB	Montgomery.....	NAXJ	Owl.....	NACS
Luce.....	NEGD	Moody.....	NULT	Ozark.....	NHH
Ludlow.....	NENZ	Morrill (C. G. C.).....	NRC	Ozette.....	NEDN
Lydonia.....	NDR	Morris.....	NWS	Paducah.....	NOG
Lykens.....	NALK	Mount Vernon.....	WUAA	Palmer.....	NECV
M-1.....	NYV	Mugford.....	NEXR	Palos.....	NQS
MacDough.....	NUQR	Mullany.....	NUML	Pamlico (C. G. C.).....	NRN
Machias.....	NQL	Murray.....	NAXK	Pampanga.....	NQT
Mackenzie.....	NEVX	N-1.....	NZE	Panther.....	NOJ
Mackimae (C. G. C.)	NUGD	N-2.....	NZF	Parker.....	NIX
MacLeish.....	NUPT	N-3.....	NZG	Parrott.....	NUPD
Maddox.....	NETX	N-4.....	NZH	Partridge.....	NIJG
Madrono (L. H. T.)	NAMV	N-5.....	NZI	Patapasco.....	NOL
Magnolia (L. H. T.)	NAPS	N-6.....	NZJ	Pathfinder (C. & G. S.)	NLJ
Mahon.....	NEQK	N-7.....	NZK	Patoka.....	NUGN
Mahopac.....	NETD	Nanshan.....	NNK	Patterson.....	NOK
Maine.....	NJL	Nantucket.....	NFU	Patuxent.....	NOM
Major Albert G. Forse.	WYQ	Nansemond.....	NITL	Paulding.....	NON
Major Evan Thomas..	WYO	Napa.....	NEVC	Paulding, James K.....	NUJM

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Paul Hamilton.....	NAQN	Rappahannock.....	NJO	Saint Louis.....	NTF
Paul Jones.....	NUQN	Rathburne.....	NACR	Salem.....	NTP
Pawnee.....	NUH	Raven.....	NIKZ	Salinas.....	NUGR
Pawtucket.....	NUJ	Redwing.....	NIKG	Samar.....	NLX
Peacock.....	NIKD	Redf.....	NUNK	Samosa.....	NABR
Peary.....	NUQD	Relief No. 1 (hospital ship).....	NEPQ	Samoset.....	NABU
Pecos.....	NIFQ	Reno.....	NAMD	Sampson.....	NKS
Pelican.....	NEFK	Reno.....	WYN	Sanderling.....	NIIS
Penguin.....	NECT	Renshaw.....	NEVZ	Sandpiper.....	NIKK
Pennsylvania.....	NCE	Reuben James.....	NUNT	Sands.....	NULQ
Pensobscot.....	NOE	Rhode Island.....	NTX	San Francisco.....	NTQ
Pensaola.....	NGN	Richards.....	NIDG	San Pedro.....	WZZ
Pentucket.....	NUL	Ringgold.....	NALT	Santa Leonora.....	KIML
Peoria.....	NOW	Rizal.....	NEVV	Sapelo.....	NIUGS
Pequot (C. G. C.).....	NUPJ	Ronanoke.....	NHU	Sara Thompson.....	NEMD
Perry.....	NUQS	Robert L. Barnes.....	NAZZ	Saratoga.....	NELB
Percival.....	NIFJ	Robin.....	NANQ	Satterlee.....	NAGC
Perkins.....	NOX	Robinson.....	NAJK	Saturn.....	NNM
Petrel.....	NOZ	Rochester.....	NTR	Savannah.....	NGS
Pigeon.....	NEDG	Rocket.....	NUT	Scally (C. G. C.).....	NEKC
Pillsbury.....	NIKF	Rodgers.....	NWT	Schenck.....	NEMG
Pineola.....	NEVL	Roe.....	NWZ	Schley.....	NKT
Piscataqua.....	NAQC	Roper.....	NERX	Sciota.....	NEVK
Pittsburgh.....	NOT	Rose (L. H. T.).....	NASD	Scorpion.....	NTT
Plattsburg.....	NANJ	Rowan.....	NKR	Seagull.....	NIJM
Pompey.....	NQF	S-1.....	NIMG	Seattle.....	NAPG
Pope.....	NUQB	S-2.....	NIMJ	Sebago.....	NUV
Porter.....	NOO	S-3.....	NIMK	Seltridge.....	NUJZ
Potomac.....	NQK	S-4.....	NIML	Seminole (C. G. C.).....	NRS
Prairie.....	NQM	S-5.....	NIMM	Semmes.....	NAFZ
Preble.....	NUNG	S-6.....	NIMN	Seneca (C. G. C.).....	NRE
Preston.....	NUNJ	S-7.....	NIMP	Sepulga.....	NUGT
Prometheus.....	NQR	S-8.....	NIMQ	Sequoia (L. H. T.).....	NLV
Proteus.....	NNG	S-9.....	NIMR	Sharkey.....	NULV
Pruitt.....	NUPV	S-10.....	NIMS	Shaw.....	NKU
Pueblo.....	NDN	S-11.....	NIMT	Shawmut.....	NML
Putnam.....	NUPG	S-12.....	NIMV	Sheridan.....	WXJ
Pyro.....	NELK	S-13.....	NIMX	Sherman.....	W XK
Quail.....	NIKQ	S-14.....	NIMZ	Shirk.....	NUJV
Quigley (C. G. C.).....	NIDB	S-15.....	NINB	Shubrick.....	NWU
Quincy.....	NGQ	S-16.....	NINC	Sialia.....	W FY
Quiros.....	NQZ	S-17.....	NIND	Sicard.....	NUPL
R-1.....	NILC	S-18.....	NINF	Sigourney.....	NAJB
R-2.....	NILD	S-19.....	NING	Simpson.....	NUPX
R-3.....	NILF	S-20.....	NINJ	Sinclair.....	NULR
R-4.....	NILG	S-21.....	NINK	Sloat.....	NUMD
R-5.....	NILJ	S-22.....	NINL	Slocum.....	WVY
R-6.....	NILK	S-23.....	NINM	Smith.....	NIXG
R-7.....	NILL	S-24.....	NINN	Smith, Robert.....	NKUB
R-8.....	NILM	S-25.....	NINP	Snohomish (C. G. C.).....	NRF
R-9.....	NILN	S-26.....	NINQ	Solace.....	NST
R-10.....	NILP	S-27.....	NINR	Somers.....	NWV
R-11.....	NILQ	S-28.....	NINS	Sonoma.....	NTG
R-12.....	NILR	S-29.....	NINT	Sotomomo.....	NECZ
R-13.....	NILS	S-30.....	NINV	Souhard.....	NAJK
R-14.....	NILT	S-31.....	NINX	South Bend.....	KEKQ
R-15.....	NASV	S-32.....	NINZ	South Carolina.....	NSW
R-16.....	NASX	S-33.....	NIPB	South Dakota.....	NISG
R-17.....	NAFX	S-34.....	NIPC	S. P. 43 (Daraga).....	NUBB
R-18.....	NEGC	S-35.....	NIPD	S. P. 54 (Patrol No. 6).....	NUBK
R-19.....	NEGK	S-36.....	NIPF	S. P. 156 (Winchester).....	NUKS
R-20.....	NARZ	S-37.....	NIPG	S. P. 164 (May).....	NALQ
R-21.....	NILV	S-38.....	NIPJ	S. P. 179 (Privateer).....	NUDF
R-22.....	NILX	S-39.....	NIPK	S. P. 181 (Helori).....	NEFS
R-23.....	NILZ	S-40.....	NIPL	S. P. 185 (Clarinda).....	NUFZ
R-24.....	NIMB	S-41.....	NIPM	S. P. 214 (Edithia).....	NUCX
R-25.....	NIMC	S-42.....	NIPN	S. P. 249 (Hauloi).....	NUCZ
R-26.....	NIMD	S-43.....	NIPP	S. P. 285 (Pocomoke).....	NUCT
R-27.....	NIMF	S-44.....	NIPQ	S. P. 399 (Legonia).....	NUFG
Radford.....	NEXB	S-45.....	NIPR	S. P. 415 (Kemah).....	NAKQ
Rail.....	NAQJ	S-46.....	NIPS	S. P. 493 (Cahill).....	NDV
Rainbow.....	NEZ	S-47.....	NIPT	S. P. 521 (Isabel).....	NHF
Raleigh.....	NTE	S-48.....	NIPV	S. P. 522 (Chas. Mann).....	NUBT
Ramapo.....	NUGP	S-49.....	NIPX	S. P. 524 (Margaret).....	NQP
Ramsay.....	NIFC	S-50.....	NIPZ	S. P. 573 (Easthampton).....	NUCG
Ranger.....	NELF	S-51.....	NIQK	S. P. 609 (Nokomis).....	NAMM
Ranger (C. & G. S.).....	NUDG	Sacramento.....	NQV	S. P. 642 (Felicia).....	NUCS
Rapidan.....	NUGQ	Sagamore.....	NANX	S. P. 680 (Ardent).....	NUCR

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
S. P. 681 (Breakwater)	NUMS	Sub. chaser No. 73	NODX	Sub. chaser No. 220	NOPB
S. P. 707 (Endion)	NUDR	Sub. chaser No. 74	NODZ	Sub. chaser No. 221	NOPC
S. P. 714 (Galatea)	NKFB	Sub. chaser No. 77	NOFB	Sub. chaser No. 222	NOPD
S. P. 724 (Fearless)	NEKM	Sub. chaser No. 91	NOFT	Sub. chaser No. 223	NOPF
S. P. 728 (Orca)	NUBS	Sub. chaser No. 93	NOFX	Sub. chaser No. 224	NOPG
S. P. 765 (Adelante)	NUCK	Sub. chaser No. 95	NOGB	Sub. chaser No. 225	NOPJ
S. P. 813 (Corona)	NNQ	Sub. chaser No. 96	NOGC	Sub. chaser No. 226	NOPK
S. P. 838 (Lawrence John L.)	NUFL	Sub. chaser No. 97	NOGD	Sub. chaser No. 228	NOPM
S. P. 909 (Eaglet)	NUBC	Sub. chaser No. 98	NOGF	Sub. chaser No. 229	NOPN
S. P. 951 (Utownah)	NJJI	Sub. chaser No. 100	NOGI	Sub. chaser No. 230	NOPP
S. P. 1014 (Sea Rover)	NEX	Sub. chaser No. 101	NOGK	Sub. chaser No. 231	NOPQ
S. P. 1015 (Challenge)	NEX	Sub. chaser No. 102	NOGL	Sub. chaser No. 232	NOPR
S. P. 1116 (Genesee)	NKG	Sub. chaser No. 103	NOGM	Sub. chaser No. 235	NOPV
S. P. 1121 (Osborne)	NESN	Sub. chaser No. 104	NOGN	Sub. chaser No. 236	NOPX
S. P. 1128 (Comstoga)	NAGP	Sub. chaser No. 105	NOGP	Sub. chaser No. 237	NOFZ
S. P. 1149 (Barnett)	NUFN	Sub. chaser No. 106	NOGQ	Sub. chaser No. 238	NOFZ
S. P. 1161 (Francis B. Hackett)	NTD	Sub. chaser No. 107	NOGR	Sub. chaser No. 239	NOQC
S. P. 1213 (Montauk)	NARN	Sub. chaser No. 109	NOGT	Sub. chaser No. 240	NOQD
S. P. 1232 (Barnegat)	NADQ	Sub. chaser No. 110	NOGV	Sub. chaser No. 241	NOQE
S. P. 1234 (Cigarette)	NUCJ	Sub. chaser No. 111	NOGX	Sub. chaser No. 242	NOQG
S. P. 1250 (Nahant)	NOE	Sub. chaser No. 116	NOJF	Sub. chaser No. 244	NOQJ
S. P. 2047 (Moosehead)	NAQM	Sub. chaser No. 117	NOJG	Sub. chaser No. 245	NOQK
S. P. 2225 (Navigator)	NECD	Sub. chaser No. 118	NOJJ	Sub. chaser No. 246	NOQL
S. P. 2373 (Herreshoff Hull No. 322)	NUDK	Sub. chaser No. 119	NOJK	Sub. chaser No. 247	NOQM
S. P. 3218 (Resolute)	NUGB	Sub. chaser No. 120	NOJL	Sub. chaser No. 248	NOQN
S. P. 3297 (Winthrop)	NUBR	Sub. chaser No. 121	NOJM	Sub. chaser No. 250	NOQP
S. P. Lee	NESB	Sub. chaser No. 123	NOJP	Sub. chaser No. 251	NOQQ
Sprigg Carroll	WZUJ	Sub. chaser No. 126	NOJS	Sub. chaser No. 252	NOQR
Sproston	NEVT	Sub. chaser No. 128	NOJV	Sub. chaser No. 253	NOQS
Stansbury	NEXV	Sub. chaser No. 129	NOJX	Sub. chaser No. 254	NOQT
Stellenwerf (C. G. C.)	NDC	Sub. chaser No. 133	NOKD	Sub. chaser No. 255	NOQV
Sterratt	NFB	Sub. chaser No. 134	NOKF	Sub. chaser No. 257	NOQZ
Stevens	NAPK	Sub. chaser No. 135	NOKG	Sub. chaser No. 258	NORB
Stewart	NUNN	Sub. chaser No. 136	NOKJ	Sub. chaser No. 259	NORC
Stockton	NEO	Sub. chaser No. 138	NOKL	Sub. chaser No. 260	NORD
Stoddert	NALZ	Sub. chaser No. 143	NOKN	Sub. chaser No. 262	NORG
Stribling	NAVS	Sub. chaser No. 144	NOKP	Sub. chaser No. 263	NORJ
Stringham	NACP	Sub. chaser No. 145	NOKQ	Sub. chaser No. 264	NORK
Struvevant	NUJP	Sub. chaser No. 147	NOKR	Sub. chaser No. 265	NORL
Sub. chaser No. 17	NOBJ	Sub. chaser No. 148	NOKS	Sub. chaser No. 266	NORM
Sub. chaser No. 19	NOBL	Sub. chaser No. 154	NOLC	Sub. chaser No. 268	NORP
Sub. chaser No. 21	NOBN	Sub. chaser No. 156	NOLF	Sub. chaser No. 269	NORQ
Sub. chaser No. 23	NOBO	Sub. chaser No. 158	NOLL	Sub. chaser No. 270	NORR
Sub. chaser No. 24	NOBR	Sub. chaser No. 159	NOLK	Sub. chaser No. 271	NORS
Sub. chaser No. 25	NOBS	Sub. chaser No. 164	NOLL	Sub. chaser No. 272	NORT
Sub. chaser No. 26	NOBT	Sub. chaser No. 165	NOLM	Sub. chaser No. 273	NORV
Sub. chaser No. 35	NOBZ	Sub. chaser No. 166	NOLN	Sub. chaser No. 277	NOSC
Sub. chaser No. 36	NOCB	Sub. chaser No. 167	NOLP	Sub. chaser No. 278	NOSD
Sub. chaser No. 37	NOCC	Sub. chaser No. 168	NOLQ	Sub. chaser No. 282	NOBK
Sub. chaser No. 40	NOCO	Sub. chaser No. 177	NOLR	Sub. chaser No. 283	NOSL
Sub. chaser No. 42	NOCK	Sub. chaser No. 178	NOLB	Sub. chaser No. 284	NOSM
Sub. chaser No. 43	NOCL	Sub. chaser No. 180	NOLV	Sub. chaser No. 287	NOSQ
Sub. chaser No. 44	NOCM	Sub. chaser No. 181	NOLX	Sub. chaser No. 288	NOSR
Sub. chaser No. 45	NOCN	Sub. chaser No. 182	NOLZ	Sub. chaser No. 289	NOSB
Sub. chaser No. 46	NOCP	Sub. chaser No. 184	NOMC	Sub. chaser No. 291	NOSV
Sub. chaser No. 47	NOCO	Sub. chaser No. 185	NOMD	Sub. chaser No. 294	NOTB
Sub. chaser No. 48	NOCR	Sub. chaser No. 186	NOMF	Sub. chaser No. 295	NOTC
Sub. chaser No. 49	NOCS	Sub. chaser No. 187	NOMG	Sub. chaser No. 296	NOTD
Sub. chaser No. 50	NOCT	Sub. chaser No. 188	NOMJ	Sub. chaser No. 298	NOTJ
Sub. chaser No. 51	NOCV	Sub. chaser No. 190	NOML	Sub. chaser No. 299	NOTK
Sub. chaser No. 52	NOCX	Sub. chaser No. 191	NOMM	Sub. chaser No. 301	NOTL
Sub. chaser No. 53	NOCZ	Sub. chaser No. 192	NOMN	Sub. chaser No. 303	NOTN
Sub. chaser No. 54	NODB	Sub. chaser No. 193	NOMP	Sub. chaser No. 304	NOTP
Sub. chaser No. 55	NODC	Sub. chaser No. 194	NOMQ	Sub. chaser No. 305	NOTQ
Sub. chaser No. 56	NODD	Sub. chaser No. 195	NOMR	Sub. chaser No. 306	NOTR
Sub. chaser No. 57	NODF	Sub. chaser No. 196	NOMS	Sub. chaser No. 307	NOTS
Sub. chaser No. 62	NODM	Sub. chaser No. 206	NONJ	Sub. chaser No. 308	NOTT
Sub. chaser No. 63	NODN	Sub. chaser No. 208	NONL	Sub. chaser No. 309	NOTV
Sub. chaser No. 64	NODP	Sub. chaser No. 210	NONN	Sub. chaser No. 310	NOTX
Sub. chaser No. 68	NODQ	Sub. chaser No. 211	NONP	Sub. chaser No. 320	NOVC
Sub. chaser No. 69	NODR	Sub. chaser No. 212	NONQ	Sub. chaser No. 322	NOVF
Sub. chaser No. 70	NODS	Sub. chaser No. 213	NONR	Sub. chaser No. 323	NOVG
Sub. chaser No. 71	NODT	Sub. chaser No. 214	NONS	Sub. chaser No. 326	NOVL
Sub. chaser No. 72	NODV	Sub. chaser No. 215	NONT	Sub. chaser No. 328	NOVN
		Sub. chaser No. 216	NONV	Sub. chaser No. 329	NOVP
		Sub. chaser No. 217	NONX	Sub. chaser No. 330	NOVQ
		Sub. chaser No. 218	NONZ	Sub. chaser No. 331	NOVR

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Sub. chaser No. 332.	NOVS	Terry.....	NUI	Vixen.....	NSU
Sub. chaser No. 335.	NOVZ	Texas.....	NCD	Vulcan.....	NVT
Sub. chaser No. 338.	NOXC	Thatcher.....	NESV	Wadsworth.....	NKW
Sub. chaser No. 339.	NOXD	Thomas.....	NIFN	W. A. Edwards.....	NDT
Sub. chaser No. 340.	NOXF	Thomas.....	WXM	Wahneta.....	NVI
Sub. chaser No. 341.	NOXG	Thompson.....	NAZC	Wainwright.....	NKX
Sub. chaser No. 351.	NOXQ	Thompson, Smith.....	NUJJ	Walke.....	NWL
Sub. chaser No. 352.	NOXR	Thornlan.....	NWX	Walker.....	NESX
Sub. chaser No. 353.	NOXS	Thrush.....	NIKS	Wandank.....	NABF
Sub. chaser No. 354.	NOXT	Tillman.....	NEQT	Warbler.....	NIKM
Sub. chaser No. 356.	NOXX	Tingard.....	NISB	Ward.....	NAGS
Sub. chaser No. 408.	NOZC	Tingey.....	NWY	Warren.....	WXN
Sub. chaser No. 409.	NOZD	Tipp canoe.....	NOGV	Washington.....	NWD
Sub. chaser No. 412.	NOZJ	Tonopah.....	NUN	Washington.....	NWE
Sub. chaser No. 413.	NOZK	Topeka.....	NLY	Wasmuth.....	NUKC
Sub. chaser No. 416.	NOZN	Torpedo Test Barge	NIFR	Waters.....	NATT
Sub. chaser No. 419.	NOZR	No. 1.....		Welborn C. Wood.....	NULJ
Sub. chaser No. 421.	NOZT	Torpedo Test Barge	NIFS	Welles.....	NAJZ
Sub. chaser No. 422.	NOZV	No. 2.....		Wenonah (C. & G. S.).....	NJJ
Sub. chaser No. 423.	NOZX	Torpedo Test Barge	NIFX	West Virginia.....	NEDJ
Sub. chaser No. 424.	NOZZ	No. 3.....		Wheeling.....	NWH
Sub. chaser No. 425.	NIQB	Torpedo Test Barge	NIFZ	Whipple.....	NUNL
Sub. chaser No. 426.	NIQC	No. 4.....		Whippoorwill.....	NIJQ
Sub. chaser No. 427.	NIQD	Toucey.....	NULX	Wicks.....	NATJ
Sub. chaser No. 428.	NIQF	Tracy.....	NUJL	Widgeon.....	NAQF
Sub. chaser No. 429.	NIQG	Traffic.....	NVA	Wilhelmina.....	NDE
Sub. chaser No. 430.	NIQJ	Trever.....	NUMP	Wilkes.....	NKQ
Sub. chaser No. 432.	NIQL	Trinity.....	NOGX	Wilket.....	NIKN
Sub. chaser No. 439.	NIQT	Trippe.....	NUQ	William B. Preston.....	NUMQ
Sub. chaser No. 440.	NIQV	Truxtun.....	NUOQ	William Jones.....	NARR
Sub. chaser No. 441.	NIQX	Triton.....	NVC	Williams.....	NENT
Sub. chaser No. 443.	NIRB	Tucker.....	NKV	Williamson.....	NUNS
Sub. chaser No. 444.	NIRC	Tulip (L. H. T.).....	NXX	Willoughby.....	NJX
Sumac (L. H. T.).....	NASG	Turkey.....	NIJF	Wilmington.....	NWK
Sunflower (L. H. T.).....	NUFM	Turner.....	NERQ	Winslow.....	NJA
Sunadin.....	NEVB	Tuscarora (C. G. C.).....	NRL	Wisconsin.....	NWM
Supply.....	NTK	Twigs.....	NEPV	W. J. Courtney.....	NCJ
Surveyor (C. & G. S.).....	NOU	U-111.....	NEVG	Wolverine.....	NGW
Swallow.....	NEFL	U-117.....	NEXK	Wompatuck.....	NVJ
Swan.....	NIJP	U-148.....	NERD	Wood.....	NUMF
Swasey.....	NIGP	U-B-88.....	NESD	Woodbury.....	NATM
Sylph.....	NTL	U-C-97.....	NEQP	Woodcock.....	NIKP
Sylvia.....	NARQ	Umqua.....	NATS	Woolsey.....	NATF
Tacoma.....	NUA	Unadilla.....	NEPT	Worden.....	NUNM
Tacony.....	WUAE	Unaiga (C. G. C.).....	NRX	Wyoming.....	NWQ
Tadousac.....	NAZQ	Uncas.....	NVF	Yaona.....	NJM
Talbot.....	NAPL	Undaunted.....	NNX	Yamacraw (C. G. C.).....	NRY
Tallahassee.....	NUC	United States.....	NUNQ	Yankton.....	NSK
Tallapoosa (C. G. C.).....	NRV	Upshur.....	NERS	Yarborough.....	NUMC
Tanager.....	NABS	Upshur, Abel P.....	NUJD	Yarnall.....	NIGS
Tarbell.....	NEZP	Utah.....	NVE	Yoona (C. G. C.).....	NUNB
Tatnuck.....	NETQ	Vermont.....	NVK	Yorktown.....	NQX
Tattnall.....	NEFS	Vestal.....	NMC	Young.....	NESG
Taylor (C. G. C.).....	NITB	Vesuvius.....	NUBM	Zane.....	NUMN
Taylor.....	NALR	Viicksburg.....	NVN	Zellin.....	NUMB
Teal.....	NAPN	Villslobos.....	NVP	Zizania (L. H. T.).....	NZZ
Tennessee.....	NSE	Vireo.....	NIKL		
Tern.....	NIKT	Virginia.....	NVR		

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

Call.	Station.	Call.	Station.
KEXQ	South Bend.....b	NCN	Birmingham.....b
KGU	Kanakanak, Alaska.....c	NCR	Canandaigua.....b
KHI	Isabela de Basilan, P. I.....c	NCS	Canonicus.....b
KIKN	Antigone.....b	NCU	Buffalo.....b
KIML	Santa Leonora.....b	NCV	Burrows.....b
KIKI	Kilkenny.....b	NCX	Dreadnaught.....b
KOKJ	Eider.....b	NCY	Caesar.....b
KPE	Seattle, Wash.....c	NCZ	Virginia Beach, Va.; Smith Island, Va.; Cape Henry, Va.; Hog Island, Va.....c
KUVM	Hollo, P. I.....c		
KUVS	New York, N. Y.....c	NDA	Castine.....b
KUXG	Malangas, P. I.....c	NDB	Celtic.....b
KUXJ	Cebu, P. I.....c	NDD	Sayville, N. Y.....c
KUXK	Batangas, P. I.....c	NDE	Wilhelmina.....b
NAA	Washington, D. C., Navy Department; Radio, Va. (Arlington).....c	NDF	California.....b
NAB	Portland, Me.....c	NDG	Chester.....b
NAC	Portsmouth, N. H.....c	NDH	Cheyenne.....b
NAD	Fourth Cliff, Mass.; Deer Island, Mass.; Boston, Mass.; Gloucester, Mass. (Navy Yard).....c	NDI	Chicago.....b
NAE	Cape Cod, Mass.....c	NDJ	Gorona.....b
NAF	Coasters Harbor Island, Newport, R. I.; Watch Hill, R. I.; Newport, R. I.; and Price's Neck, R. I.....c	NDL	Ecorse, Mich.....c
NAH	Brooklyn Navy Yard; 44 Whitehall St.; Fire Island, L. I.; Montauk Point, L. I.; Mantokoking, N. J.; New York City, N. Y.; Rockaway Beach, N. Y.; Sandy Hook, N. J.; Sea Gate, N. Y.....c	NDM	Cleveland.....b
NAI	Philadelphia, Pa.....c	NDN	Pueblo.....b
NAJ	Great Lakes, Ill.....c	NDO	Comfort.....b
NAK	Naval Academy, Md.....c	NDQ	Connecticut.....b
NAL	Washington, D. C. (Navy Yard).....c	NDR	Lydonia.....b
NAM	Norfolk, Va.; Hampton Roads, Va.....c	NDT	W. A. Edwards.....b
NAN	Beaufort, N. C.; Cape Lookout, N. C.....c	NDU	Culgoa.....b
NAO	Charleston, S. C.; Morris Island, S. C.....c	NDV	S. P. 493 (Cahill).....b
NAP	St. Augustine, Fla.....c	NDW	Cape Hatteras, N. C.....c
NAQ	Jupiter, Fla.....c	NEK	Delaware.....b
NAR	Key West, Fla.....c	NEM	Denver.....b
NAS	Pensacola, Fla.....c	NEN	Des Moines.....b
NAT	New Orleans, La.....c	NEO	Stockton.....b
NAU	San Juan, P. R.....c	NEP	Dixie.....b
NAV	Port Royal, S. C.....c	NEQ	Dolphin.....b
NAW	Guantanamo Bay, Cuba.....c	NET	Drayton.....b
NAX	Colon, C. Z.....c	NEU	Dubuque.....b
NAY	Point Isabel, Tex.....c	NEV	Savannah, Ga.....c
NAZ	Managua, Nicaragua.....c	NEX	S. P. 1014 (Sea Rover).....b
NBA	Balboa, C. Z.; Darien, C. Z.....b	NEY	Old Constellation.....b
NBB	St. Thomas, V. I.....b	NFA	Brooklyn.....b
NBD	Bar Harbor, Me. (Otter Cliffs).....c	NFD	El Cano.....b
NBG	Indian Head, Md.....c	NFE	Charleston.....b
NBI	Alabama.....b	NFH	Smith Island, Wash.....c
NBJ	Albany.....b	NFI	Jacksonville, Fla.....c
NBL	Alert.....b	NFL	Cross Island, Me.....c
NBP	Aramen.....b	NFM	Fanning.....b
NBR	Annapolis.....b	NFN	Cattle Point, Wash.....c
NBS	Siasconett, Mass.; Nantucket Island, Mass.....c	NFO	Damiscove Island, Me.....c
NBU	Arethusa.....b	NFR	Florida.....b
NBV	Arkansas.....b	NFT	New Dungeness, Wash.; Port Angeles Wash.....c
NBW	Arizona.....b	NFU	Nantucket.....b
NBX	Burwood, La. (Pass a Loutre, La.).....c	NFX	Housatonic.....b
NBZ	Baltimore, Md.....b	NFY	Intrepid.....b
NCA	Nevada.....b	NFZ	Rainbow.....b
NCB	Oklahoma.....b	NGA	Columbia.....b
NCC	New York.....b	NGB	Minneapolis.....b
NCD	Texas.....b	NGC	Boston.....b
NCE	Pennsylvania.....b	NGD	Galveston.....c
NCF	Bailey.....b	NGE	Miami, Fla.....b
NCH	Baltimore.....b	NGF	Georgia.....b
NCJ	W. J. Courtney.....b	NGG	Olympia.....b
NCL	Beale.....b	NGH	Glacier.....b
		NGI	Chattanooga.....b
		NGJ	Goldsborough.....b
		NGK	Marblehead.....b
		NGL	Tampa, Fla.....c
		NGM	Astoria.....b
		NGN	Pensacola.....c
		NGO	S. B. London.....b
		NGP	Beaufort.....b
		NGQ	Quincy.....b

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

Call.	Station.	Call.	Station.		
NGR	Bridgeport.....	b	NKU	Shaw.....	b
NGS	Savannah.....	b	NKV	Tucker.....	b
NGT	Mobile, Ala.....	c	NKW	Wadsworth.....	b
NGU	Hannibal.....	b	NKX	Wainwright.....	b
NGV	Hartford.....	b	NKZ	Navejo.....	b
NGW	Wolverine.....	b	NLA	Light Vessel No. 85, Nantucket Shoals.	c
NGY	Helena.....	b	NLC	Light Vessel No. 94, Frying Pan Shoals.....	c
NGZ	Houston.....	b	NLD	Bird Island, Calif.....	c
NHA	Henley.....	b	NLF	Kukul.....	b
NHD	Monadnock.....	b	NLG	Point Reyes, Calif.....	c
NHF	Isabel.....	b	NLH	Point Montara, Calif.....	c
NHH	Ozark.....	b	NLI	Grand Island, La.....	c
NHI	Hancock.....	b	NLJ	Pathfinder.....	b
NHL	Westport, Wash.....	c	NLK	Bache.....	b
NHN	Idaho.....	b	NLL	Columbine.....	b
NHO	Illinois.....	b	NLM	Cypress.....	b
NHQ	Indiana.....	b	NLP	Light Vessel No. 81, Heald Bank.....	c
NHS	Gulfport.....	b	NLS	Light Vessel No. 68, Fire Island.....	c
NHT	Iowa.....	b	NLT	Orchid.....	b
NHU	Roanoke.....	b	NLU	Manzanita.....	b
NHV	Iroquois.....	b	NLV	Sequoia.....	b
NHW	Kittery.....	b	NLW	Cedar.....	b
NHY	Bath.....	b	NLX	Samar.....	b
NHZ	Newport News.....	b	NLY	Topeka.....	b
NIB	Jarvis.....	b	NLZ	Constitution (old).....	b
NID	Jenkins.....	b	NMA	Nebraska.....	b
NIE	Jouett.....	b	NMB	Manita, Cuba.....	c
NIH	Aylwin.....	b	NMC	Vestal.....	b
NII	Balch.....	b	NMD	Point Huene, Calif.....	c
NIJ	Benham.....	b	NME	New Hampshire.....	b
NIK	Cassin.....	b	NMF	New Jersey.....	b
NIL	Cummings.....	b	NMG	New Orleans.....	b
NIM	Cushing.....	b	NMH	Newport.....	b
NIN	Downes.....	b	NMK	Aroostook.....	b
NIO	Kansas.....	b	NMI	Shawmut.....	b
NIP	Kearsarge.....	b	NMN	Charlotte.....	b
NIQ	Kentucky.....	b	NMO	North Dakota.....	b
NIR	Duncan.....	b	NMW	Neptune.....	b
NIS	Ericsson.....	b	NMZ	Ohio.....	b
NIT	McDougal.....	b	NNA	Oregon.....	b
NIU	Nicholson.....	b	NNA	Brutus.....	b
NIV	O'Brien.....	b	NNB	Jason.....	b
NIX	Corker.....	b	NNO	Langley.....	b
NIZ	Lebanon.....	b	NND	Kana'wa.....	b
NJA	Winslow.....	b	NNE	Majmee.....	b
NJB	Louisiana.....	b	NNF	Nereus.....	b
NJD	Allen.....	b	NGG	Proteus.....	b
NJE	Conyngham.....	b	NNH	Leonidas.....	b
NJF	Davis.....	b	NNI	St. Croix, V. I.....	c
NJG	San Domingo City, D. R.....	c	NNK	Nanshan.....	b
NJI	S. P. 951 (Utowannah).....	b	NNL	Coco Solo, C. Z.....	c
NJJ	Wenonah.....	b	NNM	Saturn.....	b
NJL	Maine.....	b	NNQ	S. P. 813 (Corona).....	c
NJM	Yacona.....	b	NNT	Cape Mala, R. P.....	c
NJO	Rappahannock.....	b	NNW	La Palma, R. P.....	c
NJR	Mars.....	b	NNX	Undaunted.....	b
NJS	Frederick.....	b	NNZ	Buffalo, N. Y.....	c
NJT	Massachusetts.....	b	NOA	Oseola.....	b
NJU	Mavrant.....	b	NOB	Abarenda.....	b
NJV	Mayflower (President's yacht).....	b	NOC	Orion.....	b
NJW	McCall.....	b	NOD	Cuyama.....	b
NJX	Willoughby.....	c	NOE	Penobscot.....	b
NJY	Port Arthur, Tex.....	c	NOF	U. S. Naval Research Laboratory, Ana- costa, D. C.....	c
NJZ	Michigan.....	b	NOG	Paducah.....	b
NKA	Melville.....	b	NOH	Henderson.....	b
NKB	Galveston, Tex.....	c	NOI	Briggs.....	b
NKC	Navassa Island, W. I.....	c	NOJ	Panther.....	b
NKD	Minnesota.....	b	NOK	Patterson.....	b
NKE	Mississippi.....	b	NOL	Patapsco.....	b
NKF	Missouri.....	b	NOM	Patuxent.....	b
NKG	S. P. 1116 (Genesee).....	b	NON	Paulding.....	b
NKK	Mercy.....	b	NOO	Porter.....	b
NKL	Monaghan.....	b	NOT	Pittsburg.....	b
NKM	Missoula.....	b	NOV	Peoria.....	b
NKN	Monterey.....	b	NOX	Perkins.....	b
NKP	S. P. 714 (Galatea).....	b	NOZ	Petrel.....	b
NKQ	Wilkes.....	b	NPA	Cordova, Alaska.....	c
NKR	Rowan.....	b	NPB	Sitka, Alaska.....	c
NKS	Sampson.....	b			
NKT	Schley.....	b			

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

Call.	Station.	Call.	Station.
NPC	Puget Sound, Wash.....c	NSN	Conner.....b
NPD	Tatoosh, Wash.....c	NSP	Arapaho.....b
NPE	North Head, Wash.; Fort Stevens, Oreg.c	NSR	Frankfort, Mich.....c
NPF	Marshfield, Oreg.....c	NSS	Annapolis, Md. (H. Power).....c
NPG	San Francisco, Calif.; Maro Island, Calif.; Yerba Buena, Calif.; Hillcrest, Calif.; San Francisco Beach, Calif.....c	NST	Solace.....b
NPH	Vladivostok, Siberia.....c	NSU	Vixen.....b
NPI	Farallons, Calif.....c	NSW	South Carolina.....b
NPJ	American Consulate, Shanghai, China.c	NSX	Huron.....b
NPK	Point Arguella, Calif.....c	NSY	Grand Haven, Mich.....c
NPL	San Diego, Calif.....c	NSZ	Cumberland.....b
NPM	Hecla Point, Hawaii; Pearl Harbor, Hawaii.....c	NTA	Ontario.....b
NPN	Guam, Guam.....c	NTB	Sterrett.....b
NPO	Cavite, P. I.....c	NTD	S. P. 1161 (Francis B. Hackett).....b
NPP	Peking, China.....c	NTE	Raleigh.....b
NPQ	St. Paul, Alaska.....c	NTF	Saint Louis.....b
NPR	Dutch Harbor, Alaska.....c	NTG	Sonoma.....b
NPS	Kodiak, Alaska.....c	NTK	Supply.....b
NPT	Olongapo, P. I.....c	NTL	Sylph.....b
NPU	Tutulla, Samoa.....c	NTM	Ludington, Mich.....c
NPV	Seward, Alaska.....c	MTN	Fairfax.....b
NPW	Eureka, Calif.....c	NTO	Mohave.....b
NPX	San Pedro, Calif.; Inglewood, Calif.; Point Fermin, Calif.....c	NTP	Salem.....b
NPY	St. George, Alaska.....c	NTQ	San Francisco.....b
NPZ	Keyport, Wash.....c	NTR	Rochester.....b
NQB	Ashtabula, Ohio.....c	NTT	Scorpion.....b
NQE	Nahant.....b	NTW	Appledore Island, Me.....c
NQF	Pompey.....b	NTX	Rhode Island.....b
NQH	Concord.....b	NTY	Manitowac, Wis.....c
NQK	Potomac.....b	NTZ	Roe.....b
NQL	Machias.....b	NUA	Tacoma.....b
NQM	Prairie.....b	NUB	Manistique, Mich.....c
NQP	S. P. 524 (Margaret).....b	NUC	Tallahassee.....b
NQQ	Monocacy.....b	NUD	Mackinac Island, Mich.....c
NQR	Prometheus.....b	NUG	Calumet, Mich.....c
NQS	Palos.....b	NUH	Pawnee.....b
NQT	Pampanga.....b	NUI	Terry.....b
NQU	Surveyor.....b	NUJ	Pawtucket.....b
NQV	Sacramento.....b	NUL	Milwaukee, Wis.....c
NQW	New Mexico.....b	NUN	Pentucket.....b
NQX	Yorktown.....b	NUQ	Tonopah.....b
NQY	Albatross.....b	NUR	Trippe.....b
NQZ	Quiros.....b	NUT	Chicago, Ill.....c
NRA	Algonquin.....b	NUU	Rocket.....b
NRB	Bear.....b	NUV	Samoset.....b
NRC	Morrill.....b	NUX	Sebago.....b
NRD	Androscoggin.....b	NUZ	Duluth, Minn.....c
NRE	Seneca.....b	NVA	Astoria, Oreg.....c
NRF	Snohomish.....b	NVC	Traffic.....b
NRG	Gresham.....b	NVD	Triton.....b
NRH	Cleveland, Ohio.....c	NVE	Juneau, Alaska.....c
NRJ	Itaska.....b	NVF	Utah.....b
NRK	Ossipee.....b	NVI	Uncas.....b
NRL	Puerto Obaldia, R. P.....c	NVII	Ketchikan, Alaska.....c
NRM	Tuscarora.....b	NVJ	Wahnetta.....b
NRN	Manning.....b	NVK	Wompatuck.....b
NRO	Onondaga.....b	NVL	Vermont.....b
NRQ	Detroit, Mich.....c	NVN	Seattle, Wash.....c
NRR	Pamlico.....b	NVP	Vicksburg.....b
NRS	Semirole.....b	NVR	Villalobos.....b
NRT	Little.....b	NVS	Virginia.....b
NRU	Acushnet.....b	NVT	Farragut.....b
NRV	Tallahpoosa.....b	NVU	Vulcan.....b
NRW	Comanche.....b	NVV	Bagley.....b
NRX	Unalga.....b	NVW	Barney.....b
NRZ	Yamacraw.....b	NVX	Biddle.....b
NSC	New London, Conn.....c	NVZ	Blakely.....b
NSD	Port au Prince, Haiti.....c	NWB	Dahlgren.....b
	Cape May, N. J.; Cape Henlopen; Bethany Beach, Del.....c	NWC	DeLong.....b
NSE	Tennessee.....b	NWD	Du Pont.....b
NSF	Anacostia, D. C.....c	NWE	Warrington.....b
NSH	Manley.....b	NWF	Washington.....b
NSI	Caldwell.....b	NWG	Foote.....b
NSJ	U. S. Naval Radio Research Labo- ratory, Bureau of Standards, D. C.....c	NWH	Huntington.....b
NSK	Yankton.....b	NWI	Wheeling.....b
NSM	Alpena, Mich.....c	NWJ	Fox.....b
		NWK	Wilmington.....b
		NWL	Walke.....b
		NWM	Wisconsin.....b
		NWN	Wilmington, N. C.....c
		NWQ	Wyoming.....b
		NWS	Morris.....b

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

Call.	Station.	Call.	Station.	
NWT	Rogers.....	c	NAKN Hibiscus.....	b
NWU	Shubrick.....	b	NAKQ S. P. 415 (Kernah).....	b
NWV	Somers.....	b	NAKS Light Vessel No. 70, San Francisco.....	c
NWX	Thornton.....	b	NAKT Light Vessel No. 69, Overfalls.....	c
NWY	Tingey.....	b	NAKV Ivy.....	b
NXA	Chatham, Mass.....	c	NAKX Killy.....	b
NXB	A-2.....	b	NALC Lapwing.....	b
NXC	A-3.....	b	NALK Lykens.....	b
NXD	A-4.....	b	NALL Iris.....	b
NXE	A-5.....	b	NALP Kingfisher.....	b
NXF	A-6.....	b	NALQ S. P. 164 (May).....	b
NXG	A-7.....	b	NALR Taylor.....	b
NXH	B-1.....	b	NALS Light Vessel No. 87, Ainbrose Channel.....	c
NXI	B-2.....	b	NALT Ringgold.....	b
NXJ	B-3.....	b	NALV Laurel.....	b
NXK	C-1.....	b	NALZ Stoddard.....	b
NXL	C-2.....	b	NAMB Larkspur.....	b
NXM	C-3.....	b	NAMC Mexican.....	b
NXN	C-4.....	b	NAMD Reno.....	b
NXO	C-5.....	b	NAMG General Alava.....	b
NXP	D-1.....	b	NAMM Nokomis.....	b
NXQ	D-2.....	b	NAMN Narragansett.....	b
NXR	D-3.....	b	NAMQ Nopatin.....	b
NXS	E-1.....	b	NAMR O-3.....	b
NXT	E-2.....	b	NAMS Light Vessel No. 74, Portland.....	c
NXU	Azalea.....	b	NAMT Boggs.....	b
NXV	F-2.....	b	NAMV Madrono.....	b
NXW	F-3.....	b	NAMX O-4.....	b
NXX	Tulip.....	b	NAMZ O-5.....	b
NXY	G-1.....	b	NANB O-6.....	b
NXZ	G-2.....	b	NANC O-7.....	b
NYA	G-3.....	b	NAND O-8.....	b
NYB	G-4.....	b	NANJ Plattsburg.....	b
NYC	H-1.....	b	NANQ Robin.....	b
NYD	H-2.....	b	NANS Light Vessel No. 47, Pollock Rip.....	c
NYE	H-3.....	b	NANT Light Vessel No. 5, Stone Horse Shoals.....	c
NYF	K-1.....	b	NANV Mangrove.....	b
NYG	K-2.....	b	NANX Sagamore.....	b
NYH	K-3.....	b	NANZ Farquhar.....	b
NYI	K-4.....	b	NAPG Seattle.....	b
NYJ	K-5.....	b	NAPK Stevens.....	b
NYK	K-6.....	b	NAPL Talbot.....	b
NYL	K-7.....	b	NAPM Converse.....	b
NYM	K-8.....	b	NAPN Teal.....	b
NYN	L-1.....	b	NAPP Light Vessel No. 42, Hen and Chickens.....	c
NYO	L-2.....	b	NAPR Camden.....	b
NYP	L-3.....	b	NAPS Magnolia.....	b
NYQ	L-4.....	b	NAPV Maple.....	b
NYR	L-5.....	b	NAQB Light Vessel No. 20.....	c
NYS	L-6.....	b	NAQC Piscataqua.....	b
NYT	L-7.....	b	NAPF Widgeon.....	b
NYU	L-8.....	b	NAPJ Rail.....	b
NYV	L-9.....	b	NAQM S. P. 2047 (Moosehead).....	b
NYW	L-10.....	b	NAQN Paul Hamilton.....	b
NYX	L-11.....	b	NAQS Light Vessel No. 3, Handkerchief.....	c
NYZ	M-1.....	b	NAQV Marigold.....	b
NZA	Mohican.....	b	NARC Maryland.....	b
NZC	Bushnell.....	b	NARF Wandank.....	b
NZD	Fulton.....	b	NABJ Light Vessel No. 66.....	c
NZE	N-1.....	b	NABP Anemone.....	b
NZF	N-2.....	b	NABR Samoa.....	b
NZG	N-3.....	b	NABS Tanager.....	b
NZH	N-4.....	b	NABT Light Vessel No. 93, Swiftsure Bank.....	c
NZI	N-5.....	b	NABV Light Vessel No. 80, Cape Lookout.....	c
NZJ	N-6.....	b	Shoals.....	c
NZK	N-7.....	b	NABX Light Vessel No. 84, Brunswick.....	c
NZL	Avalon, Calif.....	b	NABZ AA-3.....	b
NZQ	Mayflower.....	b	NACB Apache.....	b
NZR	Cavey, P. R.....	c	NACD Relief Light Vessel No. 76.....	c
NZW	North Island, S. C.....	c	NACL Hale.....	b
NZZ	Zizania.....	b	NACN Dyer.....	b
NABB	AA-2.....	b	NACP Stringham.....	b
NABC	Niagara.....	b	NACQ McKee.....	b
NABG	Charles S. Osborne.....	b	NACR Rathburne.....	b
NAJT	Light Vessel No. 88, Columbia River.....	c	NACS Owl.....	b
NAJV	Light Vessel No. 101, Cape Charles.....	c	NACT Light Vessel No. 83, Blunt's Reef.....	c
NAJX	Robinson.....	b	NACV Light Vessel No. 67, Unatilla Reef.....	c
NAJZ	Welles.....	b	NACX Light Vessel No. 41, Vineyard Sound.....	c
NAKC	Gypsum Queen.....	b	NACZ Allegheny.....	b
NAKD	Ajax.....	b	NADB Relief Light Vessel No. 92.....	c
NAKL	Heather.....	b	NADD Arcata.....	b

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

Call.	Station.	Call.	Station.
NADF	Crowninshield.....b	NAZQ	Tadousac.....b
NADL	Kimberley.....b	NAZR	Light Vessel No. 46, Tail of Horseshoe.....c
NADP	Avocet.....b	NAZS	Kalmia.....b
NADQ	S. P. 1232 (Barnegat).....b	NAZV	Relief Light Vessel No. 4.....c
NADT	Light Vessel No. 91, Winter Quarter Shoals.....c	NAZZ	Robert L. Barnes.....b
NADV	Light Vessel No. 79, Five Fathom Bank.....c	NEBF	Constitution.....b
NADX	Light Vessel No. 54, Boston.....c	NEBJ	Meade.....b
NAFC	Dickerson.....b	NEBV	H-9.....b
NAFF	Brant.....b	NECD	S. P. 2225 (Navigator).....b
NAFL	Leary.....b	NECR	Colorado.....b
NAFN	Cardinal.....b	NECT	Penguin.....b
NAFP	Cayuga.....b	NECV	Palmer.....b
NAFS	Burns.....b	NECZ	Sotoyomo.....b
NAFT	Light Vessel No. 73, Pollock Rip Slue.....c	NEDB	Lexington.....b
NAFV	Fern.....b	NEDF	Constellation.....b
NAFX	R-17.....b	NEDG	Phillip.....b
NAFZ	Semmes.....b	NEDJ	West Virginia.....b
NAGB	O-9.....b	NEDN	Ozette.....b
NAGC	Satterlee.....b	NEDX	Nero.....b
NAGG	Mason.....b	NEFC	H-6.....b
NAGJ	Graham.....b	NEFK	Pelican.....b
NAGL	Chandler.....b	NEFL	Swallow.....b
NAGM	Arbutus.....b	NEFS	S. P. 181 (Helori).....b
NAGP	S. P. 1128 (Conestoga).....b	NEFT	Unadilla.....b
NAGQ	Curacoa.....b	NEFZ	Long Beach.....b
NAGS	Ward.....b	NEGC	R-18.....b
NAGT	Light Vessel No. 102, South Pass, La.....c	NEGD	Luce.....b
NAGV	Hyacinth.....b	NEGF	Dent.....b
NAGX	Gwin.....b	NEGK	R-19.....b
NAJB	Sigourney.....b	NEGS	Fortune.....b
NAJC	Relief Light Vessel No. 53.....c	NEJB	Eagle 1.....b
NAJD	Black Hawk.....b	NEJC	Eagle 2.....b
NAJJ	Relief Light Vessel No. 86.....c	NEJD	Eagle 3.....b
NAJK	Southard.....b	NEJF	Eagle 4.....b
NAJL	Colhoun.....b	NEJG	Eagle 5.....b
NAJN	Favorite.....b	NEJJ	Eagle 6.....b
NAJP	Finch.....b	NEJK	Eagle 7.....b
NAJQ	Bancroft.....b	NEJL	Eagle 8.....b
NAJR	Gregory.....b	NEJM	Eagle 9.....b
NAJS	Light Vessel No. 52, Fenwick Island Shoals.....c	NEJN	Eagle 10.....b
NARG	Chemung.....b	NEJP	Eagle 11.....b
NARN	S. P. 1213 (Montauk).....b	NEJQ	Eagle 12.....b
NARP	Aramis.....b	NEJR	Eagle 13.....b
NARQ	Sylvia.....b	NEJS	Eagle 14.....b
NARR	William Jones.....b	NEJT	Eagle 15.....b
NARS	Light Vessel No. 44, Northeast End, N. J.....c	NEJV	McGourty.....b
NART	Light Vessel No. 1, Martin's Industry.....c	NEJX	Eagle 17.....b
NARV	Light Vessel No. 11, Scotland.....c	NEJZ	Eagle 18.....b
NARX	Light Vessel No. 23, Ram Island Reef.....c	NEKB	Eagle 19.....b
NARZ	R-20.....b	NEKC	Scally.....b
NASB	Light Vessel No. 39, Brenton Reef.....c	NEKD	Jothwell.....b
NASC	Light Vessel No. 48, Cornfield Point.....c	NEKF	Earp.....b
NASD	Rose.....b	NEKG	Eagle 23.....b
NASG	Sumac.....b	NEKK	Eagle 25.....b
NASK	Relief Light Vessel No. 16.....b	NEKM	S. P. 724 (Fearless).....b
NASM	O-16.....b	NEKN	Falcon.....b
NASV	R-15.....b	NEKP	Harbor Tug No. 74.....b
NASX	R-16.....b	NEKQ	Champlin.....b
NATD	Light Vessel No. 9, Hedge Fence.....c	NEKR	Hercules.....b
NATF	Woolsey.....b	NEKS	S. P. 1015 (Challenge).....b
NATG	Bell.....b	NEKZ	Manhattan.....b
NATJ	Wickes.....b	NELB	Saratoga.....b
NATM	Woodbury.....b	NELF	Ranger.....b
NATS	Umpqua.....b	NELG	Dorsey.....b
NATT	Walters.....b	NEJK	Pyro.....b
NAVM	Explorer.....b	NELL	Nitro.....b
NAVS	Stribling.....b	NELN	H-8.....b
NAXJ	Montgomery.....b	NELR	Contocook.....b
NAXK	Murray.....b	NELV	Ashville.....b
NAXN	Kewadin.....b	NEIX	Aaron Ward.....b
NAXS	O-15.....b	NEMC	Medusa.....b
NAXT	O-10.....b	NEMD	Sara Thompson.....b
NAZC	Thompson.....b	NEMG	Schenck.....b
NAZJ	Light Vessel No. 34, Charleston.....c	NEMJ	Herbert.....b
NAZL	Lamberton.....b	NEMK	Branch.....b
NAZM	Kennedy.....b	NEMS	Evans.....b
NAZP	Bagaduce.....b	NEMT	McKean.....b
		NEMV	Harding.....b
		NEMX	Gridley.....b
		NEMZ	Chew.....b

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

Call.	Station.	Call.	Station.		
NENG	Israel.....	b	NEVX	Mackenzie.....	b
NENJ	Herdon.....	b	NEVZ	Renshaw.....	b
NENL	Heron.....	b	NEXB	Radford.....	b
NENM	Dallas.....	b	NEXC	Keosauqua.....	b
NENN	Atlantic.....	b	NEXF	Eagle 26.....	b
NENS	Hazelwood.....	b	NEXG	Eagle 27.....	b
NENT	Williams.....	b	NEXJ	O-1.....	b
NENV	Hart.....	b	NEXK	U-117.....	b
NENX	Ingraham.....	b	NEXL	Knudsen.....	b
NENZ	Ludlow.....	b	NEXM	Eagle 28.....	b
NEPB	Hovey.....	b	NEXN	Eagle 29.....	b
NEPD	J. D. Long.....	b	NEXP	Cart.....	b
NEPF	Broome.....	b	NEXR	Mugford.....	b
NEPG	Maury.....	b	NEXS	O'Bannon.....	b
NEPQ	Relief Hospital Ship No. 1.....	c	NEXT	Hogan.....	b
NEPS	Tattnall.....	b	NEXV	Stansbury.....	b
NEPT	Badger.....	b	NEXX	Hopewell.....	b
NEPV	Twiggs.....	b	NEXZ	Haraden.....	b
NEPX	Babbitt.....	b	NEZG	Eagle 31.....	b
NEPZ	Jacob Jones.....	b	NEZJ	Eagle 32.....	b
NEQF	Montcalm.....	b	NEZN	O-13.....	b
NEQK	Mahan.....	b	NEZP	Tarbell.....	b
NEQL	Oil Barge No. 9.....	b	NEZQ	Delphy.....	b
NEQM	H-4.....	b	NEZR	Gamble.....	b
NEQP	U-C-97.....	b	NEZS	Abbot.....	b
NEQQ	Beaver.....	b	NEZT	Clemson.....	b
NEQS	Buchanan.....	b	NEZV	Hatfield.....	b
NEQT	Tillman.....	b	NEZX	Brooks.....	b
NEQX	Kennison.....	b	NEZZ	Belknap.....	b
NEQZ	Claxton.....	b	NIBB	Eagle 33.....	b
NERB	Gilmar.....	b	NIBC	Eagle 39.....	b
NERD	U-148.....	b	NIBD	Eagle 34.....	b
NERG	Aulick.....	b	NIBF	Eagle 40.....	b
NERJ	Craven.....	b	NIBG	Eagle 35.....	b
NERL	Lansdale.....	b	NIBJ	Eagle 41.....	b
NERQ	Turner.....	b	NIBK	Eagle 36.....	b
NERR	Gillis.....	b	NIBL	Eagle 42.....	b
NERS	Upshur.....	b	NIBM	Eagle 37.....	b
NERT	Greer.....	b	NIBN	Eagle 38.....	b
NERV	Elliot.....	b	NIBP	Eagle 43.....	b
NERX	Roper.....	b	NIBQ	Eagle 44.....	b
NERZ	Breckinridge.....	b	NIBR	Eagle 45.....	b
NESE	S. P. Lee.....	b	NIBS	Eagle 46.....	b
NESC	Relief Light Vessel No. 49.....	c	NIBT	Eagle 47.....	b
NESE	U-B-88.....	b	NIBV	Eagle 48.....	b
NESG	Young.....	b	NIBX	Eagle 49.....	b
NESS	H-7.....	b	NIBZ	Eagle 50.....	b
NESS	Breese.....	b	NICB	Eagle 51.....	b
NESS	S. P. 1121 (Osborne).....	b	NICC	Eagle 52.....	b
NESS	Bernadou.....	b	NICD	Eagle 53.....	b
NESS	Cole.....	b	NICF	Eagle 54.....	b
NESS	Thatcher.....	b	NICG	Eagle 55.....	b
NESS	Walker.....	b	NICJ	Eagle 56.....	b
NESS	Crosby.....	b	NICK	Eagle 57.....	b
NETB	McFarland.....	b	NICL	Eagle 58.....	b
NETD	Mahopac.....	b	NICM	Eagle 59.....	b
NETF	Lea.....	b	NICN	Eagle 60.....	b
NETG	H-5.....	b	NICP	Cyran.....	b
NETJ	O-2.....	b	NIDB	Quigley.....	b
NETK	O-11.....	b	NIDC	Stellenwerf.....	b
NETL	O-12.....	b	NIDF	Dispatch.....	b
NETQ	Tatnuck.....	b	NIDG	Richards.....	b
NETS	Meredith.....	b	NIDL	Mehalatos.....	b
NETT	Bush.....	b	NIFB	Crane.....	b
NETV	Cowell.....	b	NIFC	Ramsay.....	b
NETX	Maddox.....	b	NIFD	Ellis.....	b
NETZ	Koka.....	b	NIFF	Chauncey.....	b
NEVB	Sunnadin.....	b	NIFG	Fuller.....	b
NEVC	Napa.....	b	NIFJ	Percival.....	b
NEVD	O-14.....	b	NIFK	Brazos.....	b
NEVG	U-111.....	b	NIFL	Hamilton.....	b
NEVK	Sciota.....	b	NIFM	Howard.....	b
NEVL	Pinola.....	b	NIFN	Thomas.....	b
NEVM	Oriole.....	b	NIFP	Neches.....	b
NEVP	Algorna.....	b	NIFQ	Pecos.....	b
NEVQ	Carrabasset.....	b	NIFR	Torpedo Test Barge No. 1.....	b
NEVR	Iuka.....	b	NIFS	Torpedo Test Barge No. 2.....	b
NEVS	Anthony.....	b	NIFT	Coast Torpedo Boat No. 6.....	b
NEVT	Sproston.....	b	NIFV	Cyan.....	b
NEVV	Rizal.....	b	NIFX	Torpedo Test Barge No. 3.....	b

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

Call.	Station.	Call.	Station.
NIFZ	Torpedo Test Barge No. 4.....b	NIMV	g-12.....b
NIGB	McCook.....b	NIMX	g-13.....b
NIGC	McCalla.....b	NIMZ	g-14.....b
NIGD	Kalk.....b	NINB	g-15.....b
NIGF	Ingram, Osmund.....b	NINC	g-16.....b
NIGG	McDermut.....b	NIND	g-17.....b
NIGJ	Laub.....b	NINF	g-18.....b
NIGK	McLanahan.....b	NING	g-19.....b
NIGL	Edwards.....b	NINJ	g-20.....b
NIGM	Greene.....b	NINK	g-21.....b
NIGN	Ballard.....b	NINL	g-22.....b
NIGP	Swasey.....b	NINM	g-23.....b
NIGQ	John Francis Burnes.....b	NINN	g-24.....b
NIGR	J. Fred Talbott.....b	NINP	g-25.....b
NIG8	Yarnall.....b	NINQ	g-26.....b
NIGT	Cook.....b	NINR	g-27.....b
NIBJ	Curlew.....b	NINS	g-28.....b
NIJF	Turkey.....b	NINT	g-29.....b
NIJG	Partridge.....b	NINV	g-30.....b
NIJJ	Bobolink.....b	NINX	g-31.....b
NIJK	Lark.....b	NINZ	g-32.....b
NIJL	Osprey.....b	NIPB	g-33.....b
NIJM	Seagull.....b	NIPC	g-34.....b
NIJN	Flamingo.....b	NIPD	g-35.....b
NIIP	Swan.....b	NIPF	g-36.....b
NIJQ	Whippoorwill.....b	NIPG	g-37.....b
NIUR	Bittern.....b	NIPJ	g-38.....b
NIUS	Sanderling.....b	NIPK	g-39.....b
NIJT	Auk.....b	NIPL	g-40.....b
NIJV	Chewink.....b	NIPM	g-41.....b
NIJX	Gannet.....b	NIPN	g-42.....b
NIKB	Mallard.....b	NIPP	g-43.....b
NIKC	Ortolan.....b	NIPQ	g-44.....b
NIKD	Peacock.....b	NIPR	g-45.....b
NIKF	Pigeon.....b	NIPS	g-46.....b
NIKG	Redwing.....b	NIPT	g-47.....b
NIKK	Sandpiper.....b	NIPV	g-48.....b
NIKL	Vireo.....b	NIPX	g-49.....b
NIKM	Warbler.....b	NIPZ	g-50.....b
NIKN	Willet.....b	NIQB	Submarine chaser No. 425.....b
NIKP	Woodcock.....b	NIQC	Submarine chaser No. 426.....b
NIKQ	Quail.....b	NIQD	Submarine chaser No. 427.....b
NIKR	Eider.....b	NIQF	Submarine chaser No. 428.....b
NIKS	Thrush.....b	NIQG	Submarine chaser No. 429.....b
NIKT	Tern.....b	NIQJ	Submarine chaser No. 430.....b
NIKV	Cormorant.....b	NIQK	g-51.....b
NIKX	Grebe.....b	NIQL	Submarine chaser No. 432.....b
NIKZ	Raven.....b	NIQP	Johansson.....b
NIJ.B	AA-1.....b	NIQT	Submarine chaser No. 439.....b
NIJC	R-1.....b	NIQV	Submarine chaser No. 440.....b
NIJD	R-2.....b	NIQX	Submarine chaser No. 441.....b
NIJF	R-3.....b	NIRB	Submarine chaser No. 443.....b
NIJG	R-4.....b	NIRC	Submarine chaser No. 444.....b
NIJJ	R-5.....b	NISB	Tingard.....b
NIJK	R-6.....b	NISC	Klingelhofer.....b
NIJL	R-7.....b	NISD	Boyce.....b
NIJM	R-8.....b	NISG	South Dakota.....b
NIJN	R-9.....b	NISJ	Montana.....b
NIJP	R-10.....b	NIJK	North Carolina.....b
NIJQ	R-11.....b	NITB	Taylor.....b
NIJR	R-12.....b	NITK	Larsen.....b
NIJS	R-13.....b	NITL	Nansemond.....b
NIJT	R-14.....b	NITQ	Light Vessel No. 72, Diamond Shoals.c
NIJV	R-21.....b	NITR	Relief Light Vessel No. 78.....c
NIJX	R-22.....b	NITS	Relief Light Vessel No. 90.....c
NIJZ	R-23.....b	NIXG	Smith (C. G.).....b
NIMB	R-24.....b	NIZD	Oveson (C. G.).....b
NIMC	R-25.....b	NOBJ	Submarine chaser No. 17.....b
NIMD	R-26.....b	NOBL	Submarine chaser No. 19.....b
NIME	R-27.....b	NOBN	Submarine chaser No. 21.....b
NIMG	g-1.....b	NOBQ	Submarine chaser No. 23.....b
NIMJ	g-2.....b	NOBR	Submarine chaser No. 21.....b
NIMK	g-3.....b	NOBS	Submarine chaser No. 25.....b
NIML	g-4.....b	NOBT	Submarine chaser No. 26.....b
NIMM	g-5.....b	NOBZ	Submarine chaser No. 35.....b
NIMN	g-6.....b	NOCB	Submarine chaser No. 36.....b
NIMP	g-7.....b	NOCC	Submarine chaser No. 37.....b
NIMQ	g-8.....b	NOCG	Submarine chaser No. 40.....b
NIMR	g-9.....b	NOCK	Submarine chaser No. 42.....b
NIMS	g-10.....b	NOCL	Submarine chaser No. 43.....b
NIMT	g-11.....b	NOCM	Submarine chaser No. 44.....b

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

Call.	Station.	Call.	Station.
NOCN	Submarine chaser No. 45..... b	NOMM	Submarine chaser No. 191..... b
NOCP	Submarine chaser No. 46..... b	NOMN	Submarine chaser No. 192..... b
NOCQ	Submarine chaser No. 47..... b	NOMP	Submarine chaser No. 193..... b
NOCR	Submarine chaser No. 48..... b	NOMQ	Submarine chaser No. 194..... b
NOCS	Submarine chaser No. 49..... b	NOMR	Submarine chaser No. 195..... b
NOCT	Submarine chaser No. 50..... b	NOMS	Submarine chaser No. 196..... b
NOCV	Submarine chaser No. 51..... b	NONJ	Submarine chaser No. 206..... b
NOCX	Submarine chaser No. 52..... b	NONL	Submarine chaser No. 208..... b
NOCZ	Submarine chaser No. 53..... b	NONN	Submarine chaser No. 210..... b
NODB	Submarine chaser No. 54..... b	NONP	Submarine chaser No. 211..... b
NODC	Submarine chaser No. 55..... b	NONQ	Submarine chaser No. 212..... b
NODD	Submarine chaser No. 56..... b	NONR	Submarine chaser No. 213..... b
NODF	Submarine chaser No. 57..... b	NONS	Submarine chaser No. 214..... b
NODM	Submarine chaser No. 62..... b	NONT	Submarine chaser No. 215..... b
NODN	Submarine chaser No. 63..... b	NONV	Submarine chaser No. 216..... b
NODP	Submarine chaser No. 64..... b	NONX	Submarine chaser No. 217..... b
NODQ	Submarine chaser No. 68..... b	NONZ	Submarine chaser No. 218..... b
NODR	Submarine chaser No. 69..... b	NOFB	Submarine chaser No. 220..... b
NODS	Submarine chaser No. 70..... b	NOFC	Submarine chaser No. 221..... b
NODT	Submarine chaser No. 71..... b	NOFD	Submarine chaser No. 222..... b
NODV	Submarine chaser No. 72..... b	NOFF	Submarine chaser No. 223..... b
NODX	Submarine chaser No. 73..... b	NOFG	Submarine chaser No. 224..... b
NODZ	Submarine chaser No. 74..... b	NOFJ	Submarine chaser No. 226..... b
NOFB	Submarine chaser No. 77..... b	NOFK	Submarine chaser No. 226..... b
NOFT	Submarine chaser No. 91..... b	NOFM	Submarine chaser No. 228..... b
NOFX	Submarine chaser No. 93..... b	NOFN	Submarine chaser No. 229..... b
NOGB	Submarine chaser No. 95..... b	NOFP	Submarine chaser No. 230..... b
NOGC	Submarine chaser No. 96..... b	NOFQ	Submarine chaser No. 231..... b
NOGD	Submarine chaser No. 97..... b	NOFR	Submarine chaser No. 232..... b
NOGF	Submarine chaser No. 98..... b	NOFV	Submarine chaser No. 235..... b
NOGJ	Submarine chaser No. 100..... b	NOFX	Submarine chaser No. 236..... b
NOGK	Submarine chaser No. 101..... b	NOFZ	Submarine chaser No. 237..... b
NOGL	Submarine chaser No. 102..... b	NOQB	Submarine chaser No. 238..... b
NOGM	Submarine chaser No. 103..... b	NOQC	Submarine chaser No. 239..... b
NOGN	Submarine chaser No. 104..... b	NOQD	Submarine chaser No. 240..... b
NOGP	Submarine chaser No. 105..... b	NOQE	Submarine chaser No. 241..... b
NOGQ	Submarine chaser No. 106..... b	NOQG	Submarine chaser No. 242..... b
NOGR	Submarine chaser No. 107..... b	NOQJ	Submarine chaser No. 244..... b
NOGT	Submarine chaser No. 109..... b	NOQK	Submarine chaser No. 245..... b
NOGV	Submarine chaser No. 110..... b	NOQL	Submarine chaser No. 246..... b
NOGX	Submarine chaser No. 111..... b	NOQM	Submarine chaser No. 247..... b
NOJF	Submarine chaser No. 116..... b	NOQN	Submarine chaser No. 248..... b
NOJG	Submarine chaser No. 117..... b	NOQP	Submarine chaser No. 250..... b
NOJJ	Submarine chaser No. 118..... b	NOQQ	Submarine chaser No. 251..... b
NOJK	Submarine chaser No. 119..... b	NOQR	Submarine chaser No. 252..... b
NOJL	Submarine chaser No. 120..... b	NOQS	Submarine chaser No. 253..... b
NOJM	Submarine chaser No. 121..... b	NOQT	Submarine chaser No. 254..... b
NOJP	Submarine chaser No. 123..... b	NOQV	Submarine chaser No. 255..... b
NOJS	Submarine chaser No. 126..... b	NOQZ	Submarine chaser No. 257..... b
NOJV	Submarine chaser No. 128..... b	NORB	Submarine chaser No. 258..... b
NOJX	Submarine chaser No. 129..... b	NORC	Submarine chaser No. 259..... b
NOKD	Submarine chaser No. 133..... b	NORD	Submarine chaser No. 260..... b
NOKF	Submarine chaser No. 134..... b	NORG	Submarine chaser No. 262..... b
NOKG	Submarine chaser No. 135..... b	NORJ	Submarine chaser No. 263..... b
NOKJ	Submarine chaser No. 136..... b	NORK	Submarine chaser No. 264..... b
NOKL	Submarine chaser No. 138..... b	NORL	Submarine chaser No. 265..... b
NOKN	Submarine chaser No. 143..... b	NORM	Submarine chaser No. 266..... b
NOKP	Submarine chaser No. 144..... b	NORP	Submarine chaser No. 268..... b
NOKQ	Submarine chaser No. 145..... b	NORQ	Submarine chaser No. 269..... b
NOKR	Submarine chaser No. 147..... b	NORR	Submarine chaser No. 270..... b
NOKS	Submarine chaser No. 148..... b	NORS	Submarine chaser No. 271..... b
NOLC	Submarine chaser No. 154..... b	NORT	Submarine chaser No. 272..... b
NOLF	Submarine chaser No. 156..... b	NORV	Submarine chaser No. 273..... b
NOLJ	Submarine chaser No. 158..... b	NOSC	Submarine chaser No. 277..... b
NOLK	Submarine chaser No. 159..... b	NOSD	Submarine chaser No. 278..... b
NOLL	Submarine chaser No. 164..... b	NOSK	Submarine chaser No. 282..... b
NOLM	Submarine chaser No. 165..... b	NOSL	Submarine chaser No. 283..... b
NOLN	Submarine chaser No. 166..... b	NOSM	Submarine chaser No. 284..... b
NOLP	Submarine chaser No. 167..... b	NOSQ	Submarine chaser No. 287..... b
NOLQ	Submarine chaser No. 168..... b	NOSR	Submarine chaser No. 288..... b
NOLR	Submarine chaser No. 177..... b	NOSS	Submarine chaser No. 289..... b
NOLS	Submarine chaser No. 178..... b	NOJV	Submarine chaser No. 291..... b
NOLV	Submarine chaser No. 180..... b	NOTB	Submarine chaser No. 294..... b
NOLX	Submarine chaser No. 181..... b	NOTC	Submarine chaser No. 295..... b
NOLZ	Submarine chaser No. 182..... b	NOTD	Submarine chaser No. 296..... b
NOMC	Submarine chaser No. 184..... b	NOTG	Submarine chaser No. 298..... b
NOMD	Submarine chaser No. 185..... b	NOTJ	Submarine chaser No. 299..... b
NOMF	Submarine chaser No. 186..... b	NOTL	Submarine chaser No. 301..... b
NOMG	Submarine chaser No. 187..... b	NOTN	Submarine chaser No. 303..... b
NOMJ	Submarine chaser No. 188..... b	NOTP	Submarine chaser No. 304..... b
NOML	Submarine chaser No. 190..... b		

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

Call.	Station.	Call.	Station.		
NOTQ	Submarine chaser No. 305.....	b	NUJK	Barker.....	b
NOTR	Submarine chaser No. 306.....	b	NUJL	Tracy.....	b
NOTS	Submarine chaser No. 307.....	b	NUJM	James K. Faulding.....	b
NOTT	Submarine chaser No. 308.....	b	NUJN	Overton.....	b
NOTV	Submarine chaser No. 309.....	b	NUJP	Sturtevant.....	b
NOTX	Submarine chaser No. 310.....	b	NUJQ	Henshaw.....	b
NOVC	Submarine chaser No. 320.....	b	NUJR	Meyer.....	b
NOVF	Submarine chaser No. 322.....	b	NUJS	Doyen.....	b
NOVG	Submarine chaser No. 323.....	b	NUJT	LaVallette.....	b
NOVL	Submarine chaser No. 326.....	b	NUJV	Shirk.....	b
NOVN	Submarine chaser No. 328.....	b	NUJX	Kidder.....	b
NOVP	Submarine chaser No. 329.....	b	NUJZ	Selfridge.....	b
NOVQ	Submarine chaser No. 330.....	b	NUKB	Robert Smith.....	b
NOVR	Submarine chaser No. 231.....	b	NUKC	Wasmuth.....	b
NOVS	Submarine chaser No. 332.....	b	NUKD	Hulbert.....	b
NOVZ	Submarine chaser No. 336.....	b	NUKF	Noa.....	b
NOXC	Submarine chaser No. 338.....	b	NUKS	S. P. 150 (Winchester).....	b
NOXD	Submarine chaser No. 339.....	b	NUKX	Humphreys.....	b
NOXF	Submarine chaser No. 340.....	b	NULD	Harbor Tug No. 63.....	b
NOXG	Submarine chaser No. 241.....	b	NULG	Harbor Tug No. 67.....	b
NOXQ	Submarine chaser No. 351.....	b	NULJ	Welborn C. Wood.....	b
NOXR	Submarine chaser No. 352.....	b	NULK	Alden.....	b
NOXS	Submarine chaser No. 353.....	b	NULL	Borie.....	b
NOXT	Submarine chaser No. 354.....	b	NULM	Kane.....	b
NOXX	Submarine chaser No. 356.....	b	NULN	Childs.....	b
NOZC	Submarine chaser No. 408.....	b	NULP	King.....	b
NOZD	Submarine chaser No. 409.....	b	NULQ	Sands.....	b
NOZJ	Submarine chaser No. 412.....	b	NULR	Sinclair.....	b
NOZK	Submarine chaser No. 413.....	b	NULS	McCawley.....	b
NOZN	Submarine chaser No. 416.....	b	NULT	Moody.....	b
NOZR	Submarine chaser No. 419.....	b	NULV	Sharkey.....	b
NOZT	Submarine chaser No. 421.....	b	NULX	Toucey.....	b
NOZV	Submarine chaser No. 422.....	b	NULZ	Breck.....	b
NOZZ	Submarine chaser No. 423.....	b	NUMB	Zellin.....	b
NOZZ	Submarine chaser No. 424.....	b	NUMC	Yarborough.....	b
NUBB	S. P. 43 (Daraga).....	b	NUMD	Sloat.....	b
NUBC	S. P. 909 (Eaglet).....	b	NUMF	Wood.....	b
NUBE	S. P. 54 (Patrol No. 6).....	b	NUMG	Marcus.....	b
NUBM	Vesuvius.....	b	NUMJ	Mer-rine.....	b
NUBR	S. P. 3297 (Winthrop).....	b	NUMK	Chase.....	b
NUBS	S. P. 726 (Orca).....	b	NUML	Mullany.....	b
NUBT	S. P. 522 (Charles Mann).....	b	NUMM	Litchfield.....	b
NUCF	Lilac.....	b	NUMN	Zane.....	b
NUCG	S. P. 573 (Easthampton).....	b	NUMP	Traver.....	b
NUCJ	S. P. 1234 (Cigarette).....	b	NUMQ	William B. Preston.....	b
NUCK	S. P. 765 (Adelante).....	b	NUMR	Harbor Tug No. 68.....	b
NUCR	S. P. 680 (Ardent).....	b	NUMS	S. P. 681 (Breakwater).....	b
NUCS	S. P. 642 (Felicja).....	b	NUMT	Harbor Tug No. 64.....	b
NUCT	S. P. 265 (Pocomoke).....	b	NUMV	Mansfield.....	b
NUCX	S. P. 214 (Edithia).....	b	NUMX	Harbor Tug No. 61.....	b
NUCZ	S. P. 249 (Hauoli).....	b	NUMZ	Kankakee.....	b
NUDF	S. P. 179 (Privateer).....	b	NUNB	Yacona.....	b
NUDG	Ranger.....	b	NUNC	Lamson.....	b
NUDK	S. P. 2373 (Herrshoff Hull No. 322).....	b	NUND	Dak.....	b
NUDE	S. P. 707 (Endion).....	b	NUNF	Flusser.....	b
NUFB	Mohawk.....	b	NUMG	Preble.....	b
NUFO	S. P. 399 (Legonia).....	b	NUMJ	Preston.....	b
NUFL	S. P. 838 (John L. Lawrence).....	b	NUMK	Reid.....	b
NUFM	Sunflower.....	b	NUML	Whipple.....	b
NUFN	S. P. 1149 (Barnett).....	b	NUMM	Worden.....	b
NUFZ	S. P. 185 (Clarinda).....	b	NUMN	Stewart.....	b
NUGB	S. P. 3218 (Resolute).....	b	NUMQ	United States.....	b
NUGD	Mackinac.....	b	NUMR	Dobbin.....	b
NUGF	Relief Light Vessel No. 2, fifth district.....	c	NUMS	Williamson.....	b
NUGG	Natoma.....	b	NUMT	Reuben James.....	b
NUGJ	Alameda.....	b	NUMV	Isherwood.....	b
NUGK	Kaweah.....	b	NUMX	Case.....	b
NUGL	Laramie.....	b	NUMZ	Nicholas.....	b
NUMG	Mattole.....	b	NUPC	John D. Edwards.....	b
NUMN	Patoka.....	b	NUPD	Parrott.....	b
NUMP	Ramapo.....	b	NUPE	Lardner.....	b
NUMQ	Rapidan.....	b	NUPG	Putnam.....	b
NUMR	Salinas.....	b	NUPJ	Pequot.....	b
NUMS	Sapelo.....	b	NUPK	Coghlan.....	b
NUMT	Sepulga.....	b	NUPL	Sieard.....	b
NUMV	Tippecanoe.....	b	NUMP	Edsall.....	b
NUMX	Trinity.....	b	NUMQ	Bulmer.....	b
NUJD	Abel P. Ushur.....	b	NUMR	Hillingsley.....	b
NUJF	Hunt.....	b	NUMS	Charles Ausburne.....	b
NUJG	George E. Badger.....	b	NUMT	Bruce.....	b
NUJJ	Smith Thompson.....	b	NUMU	MacLeish.....	b
			NUMV	Fruitt.....	b

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

Call.	Station.	Call.	Station.		
NCPX	Simpson.....	b	WVO	Cleveland, Ohio.....	c
NUZP	McCormick.....	b	WWQ	Bellefonte, Pa.....	c
NUQB	Pope.....	b	WWU	Newark, N. J.....	c
NUQC	Osborne.....	b	WWV	Washington, D. C. (Bureau of Stand-	c
NUQD	Peary.....	b		ards).....	c
NUQF	Goff.....	b	WWX	College Park, Md.....	c
NUQG	Pillsbury.....	b	WWY	Slocum.....	b
NUQJ	Ford.....	b	WXA	Buford.....	b
NUQK	Truxtun.....	b	WXB	Crook.....	b
NUQL	Bainbridge.....	b	WXC	Dix.....	b
NUQM	Hopkins.....	b	WXD	Kilpatrick.....	b
NUQN	Paul Jones.....	b	WXE	Liscum.....	b
NUQP	Barry.....	b	WXF	Logan.....	b
NUQQ	Lawrence.....	b	WXI	Merritt.....	b
NUQR	MacDonough.....	b	WXJ	Sheridan.....	b
NUQS	Perry.....	b	WXK	Sherman.....	b
NUQT	Hull.....	b	WXL	Iditarod, Alaska.....	c
NUQV	Decatur.....	b	WXM	Thomas.....	b
WEY	General William M. Graham.....	b	WXN	Warren.....	b
WFF	Sialia.....	b	WXP	Craig, Alaska.....	c
WIM	Northern Pacific.....	b	WXP	Fort Travis, Tex.....	c
WIR	Great Northern.....	b	WXQ	Fort Saint Philip, La.....	c
WJD	Tongshan, China.....	c	WXR	Burnside.....	b
WJI	Atka Island, Alaska.....	c	WXS	Cyrus W. Field.....	b
WUA	Fort Andrews, Mass.....	e	WXT	Joseph Henry.....	b
WAAA	Mount Vernon.....	b	WXU	Navesink.....	b
WUAB	Cadmus.....	b	WXV	McGrath, Alaska.....	b
WUAC	Gypsum Prince.....	b	WXW	General John M. Schofield.....	b
WUAD	Gwalla.....	b	WXX	Fort Yukon, Alaska.....	c
WUAE	Tacony.....	b	WXY	Alexandria, Va.....	c
WUB	Fort Hancock, N. J.....	c	WYZ	Fort Story, Va.....	c
WUC	Fort H. G. Wright, N. Y.....	c	WYA	Gen. Royal T. Frank.....	b
WUD	Fort Leavenworth, Kans.....	c	WYB	Gen. S. M. Mills.....	b
WUE	Fort Levett, Me.....	c	WYC	Maj. Samuel Ringgold.....	b
WUF	Fort Monroe, Va.....	e	WYD	Gen. Henry J. Hunt.....	b
WUG	Fort Monroe, Va.....	e	WYE	Gen. Henry Knox.....	b
WUH	Fort McIntosh, Tex.....	c	WYF	Gen. E. O. C. Ord.....	b
WUI	Fort Riley, Kans.....	c	WYG	Col. George Armistead.....	b
WUJ	Fort San Houston, Tex.....	c	WYH	Gen. Robert Anderson.....	b
WUK	Fort Stevens, Oreg.....	c	WYI	Capt. Charles W. Rowell.....	b
WUL	Fort Totten, N. Y.....	c	WYJ	Gen. A. M. Randal.....	b
WUM	Fort Wood, N. Y.....	c	WYK	Gen. Harvey Brown.....	b
WUN	Fort Worden, Wash.....	c	WYL	Gen. R. B. Ayres.....	b
WUO	Fort Winfield Scott, Calif.....	c	WYM	Capt. James Farnance.....	b
WUP	Washington, D. C.....	c	WYN	Reno.....	b
WUQ	Washington, D. C.....	c	WYO	Maj. Evan Thomas.....	b
WUR	Fort Morgan, Ala.....	c	WYP	Capt. Gregory Barrett.....	b
WUS	Fort Rosecrans, Calif.....	c	WYQ	Maj. Albert G. Forse.....	b
WUT	Fort Caswell, N. C.....	c	WYR	Lieut. Geo. M. Harris.....	b
WUU	Fort Adams, R. I.....	c	WYS	Gen. G. W. Gettv.....	b
WUV	Brooks, Alaska.....	c	WYT	Capt. A. M. Wetherill.....	b
WUW	Fort Terry, N. Y.....	c	WYU	Gen. Robert W. Swartout.....	b
WUX	Fort Crockett, Tex.....	c	WYV	Gen. S. B. Holabird.....	b
WUY	Fort San Jacinto, Tex.....	c	WYW	Gen. R. H. Jackson.....	b
WUZ	Fort Brown, Tex.....	c	WYX	Tien-Tsin.....	c
WVA	Circle City, Alaska.....	c	WYY	Gen. Richard Arnold.....	b
WVB	Fairbanks, Alaska.....	c	WYZ	Capt. T. M. Morrison.....	b
WVC	Fort Egbert, Alaska.....	c	WZA	Fort Screven, Ga.....	c
WVD	Fort Gibbon, Alaska.....	c	WZB	Fort Howard, Md.....	c
WVE	Fort St. Michael, Alaska.....	c	WZC	Fort Whitman, Wash.....	c
WVF	Kotlik, Alaska.....	c	WZD	Fort Barracas, Fla.....	c
WVG	Nome, Alaska.....	c	WZE	Fort Constitution, N. H.....	c
WVH	Nulato, Alaska.....	c	WZF	Fort Moultrie, S. C.....	c
WVI	Petersburg, Alaska.....	c	WZG	Fort De Russy, Hawaii.....	c
WVJ	Wrangell, Alaska.....	c	WZI	Shanghai, China.....	c
WVK	Holy Cross, Alaska.....	c	WZJ	Fort Casey, Wash.....	c
WVL	Fort Frank, P. I.....	c	WZK	Fort Dade, Fla.....	c
WVM	Fort Hughes, P. I.....	c	WZL	Buckroe.....	c
WVN	Fort Mills, P. I.....	c	WZM	Anderson.....	c
WVO	Davao, P. I.....	c	WZN	Fort Du Pont, Del.....	c
WVP	Fort Drumm, P. I.....	c	WZO	Fort Bliss, Tex.....	c
WVQ	Fort William McKinley, P. I.....	c	WZP	Fort Huachuca, Ariz.....	c
WVR	Fort Wuit, P. I.....	c	WZQ	Gen. Timothy Pickering.....	b
WVS	Jolo, P. I.....	c	WZR	Gen. Nathaniel Greene.....	b
WVT	Malabang, P. I.....	c	WZS	Henry Wilson.....	b
WVU	Manila, P. I.....	c	WZT	Gen. George H. Weeks.....	b
WVV	Puerto Princesa, P. I.....	c	WZU	Sprigg Carroll.....	b
WVX	Zamboanga, P. I.....	c	WZV	General J. M. Brannon.....	b
WVY	Cuyo, P. I.....	c	WZW	Gen. R. N. Batchelder.....	b
WVZ	San Jose, P. I.....	c	WZX	Gen. Mifflin.....	b
WVZ	Fort Mills, P. I.....	c	WZY	Maj. Guy Howard.....	b
WVG	Chicago, Ill.....	c	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.....	9YG	200, 300, 375	North Dakota Agricultural College.
Ann Arbor, Mich.....	8XA	600, variable.	University of Michigan.
Auberry, Calif.....	6XR	200, 375	San Joaquin Light & Power Corp.
Auburn, Ala.....	5XA	200, 375	Alabama Polytechnic Institute.
Auburn, N. Y.....	8YA	200, 375	Edward L. Colby (Colby's Telegraph School).
Austin, Tex.....	5ZU	200, 375	Wesley Hope Tilley.
Bala, Pa.....	3ZA	300, 325	Charles A. Service, jr.
Baltimore, Md.....	3XD	300, 345, 385	Johns Hopkins University.
Baltimore, Md.....	3XG	400, 420, 600	Edward O. Hurlburt
Battle Creek, Mich.....	6ZC	200, 375	Bert E. Clough.
Baudette, Minn.....	9ZC	200, 375	John A. Gjelhaug.
Bear Creek, Mont.....	7ZG	200, 375	Winfred E. Slauson.
Blackwell, Okla.....	5ZZ	200, 375	Harold Schonwald.
Bloomington, Ill.....	9YS	200, 375	Illinois Wesleyan University.
Boise, Idaho.....	7YA	200, 375	Independent School District of Boise City.
Boston, Mass.....	1YC	300, 425, 600	Eastern Radio Institute.
Bozeman, Mont.....	7XB	200, 300, 375	Montana State College.
Bozeman, Mont.....	7ZD	200, 300, 375	R. Earl Dawes.
Brooklyn, N. Y.....	2XT	200, 375	Lowenstein Radio Co.
Buffalo, N. Y.....	8ZM	200, 375	Cyrus H. Fraser.
Burley, Idaho.....	7YF	300, 600, 5000	Burley High School (J. J. Rae, Supt.)
Burnwood, La.....	5XE	10000	Tropical Radio Telegraph Co.
Cambridge, Mass.....	1XJ	10000	Harvard University.
Cambridge, Mass.....	1XM	10000	Massachusetts Institute of Technology.
Camp Dix, N. J.....	2YA	200, 375	Knights of Columbus.
Canton, Ohio.....	8ZV	200, 375	Henry L. Ley.
Chicago, Ill.....	9ZN	200, 375	Ralph H. G. Mathews.
Cincinnati, Ohio.....	8XB	200, 375	Precision Equipment Co.
Cincinnati, Ohio.....	8ZJ	200, 375	Hughes High School.
Cleveland, Ohio.....	8XF	200, 375	Emil J. Simon.
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.
College Station, Tex.....	5XB	200, 375	Agricultural & Mechanical College of Texas.
College Station, Tex.....	5YF	200, 375	Do.
Columbus, Ohio.....	8XI	200, 375	Ohio State University.
Dearborn, Mich.....	8XD	200, 375	Henry Ford.
Defiance, Ohio.....	8ZY	200, 375	K. A. Duerk.
Denver, Colo.....	9ZD	200, 375	Edward C. Stockman.
Detroit, Mich.....	8ZM	200, 375	George W. Carter.
Dover, Ohio.....	8ZX	200, 375	Harry S. Weber.
Eagle Pass, Tex.....	5ZN	200, 375	Ed. Nettleton.
Elberon, N. J.....	2XJ	200, 375	Western Electric Co.
Elk, Wyo.....	7ZE	200, 375	Harold Prescott Sheard.
Eugene, Oreg.....	7YB	200, 425	University of Oregon.
Franklin, La.....	5ZK	200, 375	Paul Ellis Greenlaw.
Fresno, Calif.....	6XU	300, 400, 500	San Joaquin Light & Power Corp.
Glenridge, N. J.....	2XV	600	Western Electric Co.
Green Harbor, Mass.....	1XD	350, 450	Do.
Hanover, N. H.....	1YB	200, 300, 375	Dartmouth College.
Hanover, N. H.....	1YB	600	Do.
House, Tex.....	5ZW	200, 275	Donald Harper Graham.
Houston, Tex.....	5YI	200, 375	Rice Institute.
Houston, Tex.....	5ZK	200, 375	James L. Autry, jr.
Houston, Tex.....	5ZO	200, 300, 375	Clifford W. Vick.
Houston, Tex.....	5ZO	600	Do.

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

Station.	Call signal.	Wave lengths.	Station controlled by—
Houston, Tex.	5ZT	200, 300, 375 600	Ingham S. Roberts III.
Houston, Tex.	5ZV	200, 375	Hallet E. Worthington.
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	200, 375	Cornell University.
Jackson, Tenn.	5YB	200, 425	Y. M. C. A.
Kansas City, Mo.	9ZZ	.....	Walter M. Aronson and Albert R. Perkins.
Kingston, R. I.	1YA	.....	Rhode Island State College.
Lacey, Wash.	7YS	200, 375	St. Martin's College.
La Crosse, Wis.	9ZY	.....	Ben A. Ott.
Lafayette, Ind.	9YB	.....	Purdue University.
Lawrence, Kans.	9YN	200, 375	University of Kansas.
Lewisburg, Pa.	8XJ	.....	Bucknell University.
Lexington, Ky.	9YC	.....	University of Kentucky.
Lincoln, Nebr.	9YY	200, 375	University of Nebraska.
Little Rock, Ark.	5YH	.....	U. S. Signal Corps, 5th Field Sig. Bat.
Little Rock, Ark.	5ZL	200, 300, 375	John M. Clayton.
Los Altos, Calif.	6XY	.....	National Radio Co.
Los Angeles, Calif.	6XD	250, 300, 550 600	Western Radio Electric Co.
Los Angeles, Calif.	6XQ	200, 300, 600 1600	Southern California Edison Co.
Los Angeles, Calif.	6ZG	.....	Forbes W. Van Why.
Lynn, Mass.	1XL	.....	General Electric Co.
Madison, Wis.	9XM	300, 600 Variable.	University of Wisconsin.
Manhattan, Kans.	9YV	200, 375	Kansas State Agricultural College.
Manitowoc, Wis.	9ZL	200, 375	W. C. Bridges and H. J. Burhop.
Manlius, N. Y.	8YB	200, 375, 1200	St. John's School.
Mesilla Park, N. Mex.	5ZJ	.....	R. W. Goddard.
Middletown, Conn.	1XN	.....	Walter G. Cady.
Minneapolis, Minn.	9ZT	200, 375	Minnesota Wireless Association.
Minneapolis, Minn.	9XI	.....	University of Minnesota.
Montclair, N. J.	2XS	200, 275, 325, 425	Adams Morgan Co.
Mulga, Ala.	5ZY	200, 375	Thomas D. Sewell.
Muncie, Ind.	9YR	200, 375	Muncie Technical High School.
New Haven, Conn.	1ZC	.....	A. C. Gilbert Co.
New Orleans, La.	5YC	200, 375	Nola Radio School.
New Orleans, La.	5ZP	200, 250	Herbert E. De Ben.
New Rochelle, N. Y.	2ZK	200, 350, 425	George C. Cannon.
New York, N. Y.	2XB	Variable.	Western Electric Co.
New York, N. Y.	2CG	300, 600	De Forest Radio Tel. & Telgh. Co.
New York, N. Y.	2XO	200, 300, 600, 800	Walter G. Hudson.
New York, N. Y.	2XZ	200, 300, 375, 600	Fordham University.
New York, N. Y.	2YB	200, 300, 375, 600	B. B. Brownlee.
New York, N. Y.	2YT	250, 300, 600	Marconi Institute.
Norfolk, Va.	3YD	.....	Norfolk Radio School.
Norfolk, Va.	3ZC	.....	City of Norfolk, Dept. of Public Safety.
Northville, Mich.	8XL	.....	Henry Ford.
Nutley, N. J.	2ZH	200, 300, 325, 600	Arthur A. Hebert.
Oakland, Calif.	6XC	200, 300, 375, 600	National Radio Co.
Oakland, Calif.	6XX	300, 600, vari- able.	St. Mary's College.
Oelwein, Iowa.	9ZQ	200, 375	George Raymond Hammond.
Omaha, Nebr.	9YP	.....	High School of Commerce.
Ossining, N. Y.	2XX	300, 600, vari- able.	De Forest Radio Tel. & Telgh. Co.
Palo Alto, Calif.	6XV	300, 600	Federal Telegraph Co.
Philadelphia, Pa.	3XI	.....	Lester R. Damon.
Philadelphia, Pa.	3YC	200, 300, 375, 600	North East High School.
Pittsburgh, Pa.	8XH	200, 375, 425	Parker Elloit Wiggin.
Pittsburgh, Pa.	8XK	500, variable.	Frank Conrad.
Pittsburgh, Pa.	8YZ	200, 375	Charles C. Dunning (Peabody High School).
Pittsburgh, Pa.	8ZO	.....	Frank Moore, jr.
Portland, Oreg.	7YG	.....	Y. M. C. A.
Portland, Oreg.	7ZI	.....	Charles L. Austin.

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

Station.	Call signal.	Wave lengths.	Station controlled by—
Providence, R. I.....	1XF	300, 600, variable.	Electrical Products Manufacturing Co.
Rochester, N. Y.....	8ZK	200, 375	Alexander Miller Lindsay, jr.
Rockville Center, L. I., N. Y.....	2ZL	200, 300, 325, 425	J. Owen Smith.
Roselle Park, N. J.....	2XR	300, 600, variable.	Radio Corp. of America.
Roswell, N. Mex.....	5Z A	200, 275	Louis Falconi.
Salt Lake City, Utah.....	6Z A	200, 300, 375	Ira Johnston Kaar.
San Diego, Calif.....	6XZ	200, 300, 375, 600, variable.	R. O. Shelton, M. D.
San Francisco, Calif.....	6XP	300, 600, variable.	Moorhead Laboratories (Inc.).
San Francisco, Calif.....	6XT	75, 200, 300, 375, 600	Baruch Research Laboratories.
San Francisco, Calif.....	6Z E	300, 600, variable.	D. B. McGown.
San Francisco, Calif.....	6XJ	300, 600, variable.	Otis B. Moorhead.
San Francisco, Calif.....	6XO	.....	National Radio Co.
San Gabriel, Calif.....	6XS	.....	R. B. Ashbrook.
Savannah, Ga.....	4XB	.....	Board of Public Education.
Savannah, Ga.....	4YB	.....	Knights of Columbus.
Schenectady, N. Y.....	2XA	500, 800, 1000, variable.	E. M. Kinney.
Schenectady, N. Y.....	2XQ	300, 600, variable.	Union College.
Schenectady, N. Y.....	2XY	300, 600, variable.	Wallace L. Brooks.
Seattle, Wash.....	7XZ	300, 600, variable.	University of Washington.
Seattle, Wash.....	7XK	.....	Kilbourne & Clark Manufacturing Co.
Seattle, Wash.....	7YC	200, 300, 375, 600	Y. M. C. A.
Seattle, Wash.....	7YD	.....	Knights of Columbus.
Seattle, Wash.....	7YE	.....	City of Seattle School District.
Shreveport, La.....	5ZS	210, 300, 425	William E. Antony.
Sioux City, Iowa.....	9ZU	200, 375	Sioux City Radio Laboratory.
South Orange, N. J.....	2ZC	200, 300, 375	Henry L. Leeb.
Springfield, Ill.....	9ZS	200, 225, 300, 1700	Illinois Watch Co.
Springfield, Mass.....	1ZK	200, 375	Glen C. Sabin.
State College, N. Mex.....	5XD	.....	New Mexico College.
State College, Pa.....	8XE	200, 375, variable.	Pennsylvania State College.
Staunton, Va.....	3YE	.....	Staunton Military Academy.
St. Louis, Mo.....	9ZV	200, 375	James Albert Crowder.
Toledo, Ohio.....	8ZI	200, 375	Adelbert Jacob Gogel.
University P. O., Miss.....	5YE	200, 375	University of Mississippi.
University Place, Nebr.....	9YD	200, 375	Nebraska Wesleyan University.
Urbana, Ill.....	9XJ	.....	University of Illinois.
Valparaiso, Ind.....	9XD	300, 600, variable.	Dodge's Institute of Telegraphy.
Valley City, N. Dak.....	9ZX	175, 200, 375	Russell H. Pray.
Vancouver, Wash.....	7ZB	.....	John D. Hertz.
Washington, D. C.....	3XH	.....	Lester Stewart Barr.
Washington, D. C.....	3XF	200, 375, variable.	Francis Meyer Baer.
Washington, D. C.....	3ZB	200, 375	A. B. Brown (Bliss Electrical High School).
Washington, D. C.....	3YA	200, 375	Loomis Radio School.
Wayne, Nebr.....	9YT	200, 375	State Normal School.
Wheeling, W. Va.....	8Z W	200, 375	John C. Stroebel, jr.
Wilkes-Barre, Pa.....	8ZS	200, 375	John H. Stenger, jr.
Woodmere, N. Y.....	2XH	200, 250, 300, 600	Cutting & Washington Radio Corp

SPECIAL LAND STATIONS GROUPED BY DISTRICTS.

Call signal.	District and station.	Call signal.	District and station.
	First district:		Fifth district—Continued.
1XD	Green Harbor, Mass.	5ZS	Shreveport, La.
1XF	Providence, R. I.	5ZT	Houston, Tex.
1XJ	Cambridge, Mass.	5ZU	Austin, Tex.
1XL	Lynn, Mass.	5ZV	Houston, Tex.
1XM	Cambridge, Mass.	5ZW	House, Tex.
1XN	Middletown, Conn.	5ZX	Houston, Tex.
1YA	Kingston, R. I.	5ZY	Mulga, Ala.
1YB	Hanover, N. H.	5ZZ	Blackwell, Okla.
1YC	Boston, Mass.		Sixth district:
1ZC	New Haven, Conn.	6XC	Oakland, Calif.
1ZK	Springfield, Mass.	6XD	Los Angeles, Calif.
	Second district:	6XJ	San Francisco, Calif.
2XA	Schenectady, N. Y.	6XO	San Francisco, Calif.
2XB	New York, N. Y.	6XP	San Francisco, Calif.
2XF	Cliffwood, N. J.	6XQ	Los Angeles, Calif.
2XG	New York, N. Y.	6XR	Auberry, Calif.
2XH	Woodmere, N. Y.	6XS	San Gabriel, Calif.
2XJ	Elberon, N. J.	6XT	San Francisco, Calif.
2XO	New York, N. Y.	6XU	Fresno, Calif.
2XQ	Schenectady, N. Y.	6XV	Palo Alto, Calif.
2XR	Roselle Park, N. J.	6XX	Oakland, Calif.
2XS	Montclair, N. J.	6XY	Los Altos, Calif.
2XT	Brooklyn, N. Y.	6XZ	San Diego, Calif.
2XV	Glenridge, N. J.	6ZA	Salt Lake City, Utah.
2XX	Ossining, N. Y.	6ZC	Cochise, Ariz.
2XY	Schenectady, N. Y.	6ZE	San Francisco, Calif.
2XZ	New York, N. Y.	6ZG	Los Angeles, Calif.
2YA	Camp Dix, N. J.		Seventh district:
2YB	New York, N. Y.	7XB	Bozeman, Mont.
2YT	New York, N. Y.	7XK	Seattle, Wash.
2ZC	South Orango, N. J.	7XZ	Seattle, Wash.
2ZH	Nutley, N. J.	7YA	Boise, Idaho.
2ZK	New Rochelle, N. Y.	7YB	Eugene, Oreg.
2ZL	Rockville Center, N. Y.	7YC	Seattle, Wash.
2ZM	Clifton, N. J.	7YD	Seattle, Wash.
	Third district:	7YE	Seattle, Wash.
3XD	Baltimore, Md.	7YF	Burley, Idaho.
3XE	Clinton, Md.	7YG	Portland, Oreg.
3XF	Washington, D. C.	7YS	Lacey, Wash.
3XG	Baltimore, Md.	7ZB	Vancouver, Wash.
3XH	Washington, D. C.	7ZD	Bozeman, Mont.
3XI	Philadelphia, Pa.	7ZE	Elk, Wyo.
3YA	Washington, D. C.	7ZG	Bear Creek, Mont.
3YC	Philadelphia, Pa.	7ZI	Portland, Oreg.
3YD	Norfolk, Va.		Eighth district:
3YE	Staunton, Va.	8XA	Ann Arbor, Mich.
3ZA	Bala, Pa.	8XB	Cincinnati, Ohio.
3ZB	Washington, D. C.	8XD	Dearborn, Mich.
3ZC	Norfolk, Va.	8XE	State College, Pa.
	Fourth district:	8XF	Cleveland, Ohio.
4XB	Savannah, Ga.	8XH	Pittsburgh, Pa.
4YB	Savannah, Ga.	8XI	Columbus, Ohio.
	Fifth district:	8XJ	Lewisburg, Pa.
5XA	Auburn, Ala.	8XK	Pittsburgh, Pa.
5XB	College Station, Tex.	8XL	Northville, Mich.
5XD	State College, N. Mex.	8XU	Ithaca, N. Y.
5XE	Burnwood, Ia.	8YA	Auburn, N. Y.
5YB	Jackson, Tenn.	8YB	Manlius, N. Y.
5YC	New Orleans, La.	8YZ	Pittsburgh, Pa.
5YD	Agricultural College, Miss.	8ZC	Battle Creek, Mich.
5YE	University P. O., Miss.	8ZI	Toledo, Ohio.
5YF	College Station, Tex.	8ZJ	Cincinnati, Ohio.
5YH	Little Rock, Ark.	8ZK	Rochester, N. Y.
5YI	Houston, Tex.	8ZM	Buffalo, N. Y.
5ZA	Roswell, N. Mex.	8ZN	Detroit, Mich.
5ZJ	Mesilla Park, N. Mex.	8ZO	Pittsburgh, Pa.
5ZK	Franklinton, La.	8ZS	Wilkes-Barre, Pa.
5ZL	Little Rock, Ark.	8ZV	Canton, Ohio.
5ZN	Eagle Pass, Tex.	8ZW	Wheeling, W. Va.
5ZO	Houston, Tex.	8ZX	Dover, Ohio.
5ZP	New Orleans, La.	8ZY	Defiance, Ohio.

SPECIAL LAND STATIONS GROUPED BY DISTRICTS—Continued.

Call signal.	District and station.	Call signal.	District and station.
9XD	Ninth district:	9ZC	Ninth district—Continued.
9XI	Valparaiso, Ind.	9ZD	Baudette, Minn.
9XJ	Minneapolis, Minn.	9ZH	Denver, Colo.
9XM	Urbana, Ill.	9ZJ	Independence, Mo.
9YB	Madison, Wis.	9ZL	Indianapolis, Ind.
9YC	Lafayette, Ind.	9ZN	Manitowoc, Wis.
9YD	Lexington, Ky.	9ZQ	Chicago, Ill.
9YD	University Place, Nebr.	9ZS	Oelwein, Iowa.
9YG	Agricultural College, N. Dak.	9ZT	Springfield, Ill.
9YN	Lawrence, Kans.	9ZU	Minneapolis, Minn.
9YP	Omaha, Nebr.	9ZV	Sioux City, Iowa.
9YR	Muncie, Ind.	9ZV	St. Louis, Mo.
9YS	Bloomington, Ill.	9ZX	Valley City, N. Dak.
9YT	Wayne, Nebr.	9ZY	La Crosse, Wis.
9YV	Manhattan, Kans.	9ZZ	Kansas City, Mo.
9YY	Lincoln, Nebr.		

RADIO COMPASS STATION INSTRUCTIONS.

Radic compass stations have been installed on the Atlantic coast for the purpose of supplying vessels with bearings and positions. These stations are divided into two classes—those operating independently, and others, called harbor-entrance stations, operated under the control of a central control station at harbor entrances in order to guide vessels to the entrance buoys. The independent stations have been located with a view to giving good cross bearings to ships which are not over 150 miles distant from the coast, while the harbor-entrance stations have been located with a view to furnishing vessels with positions when they are within 50 miles of the entrance to the outer channel.

Harbor-entrance radio compass stations differ from those acting independently in that they are connected to and controlled by a central control station.

1. There follows a list of harbor-entrance radio compass stations:

Harbor entrance.	Compass-control station.	Radio call.
Boston, Mass.	Boston	NAD
New York, N. Y.	New York	NAH
Delaware Capes	Cape May	NSD
Chesapeake Capes	Virginia Beach	NCZ

The following radio compass stations take bearings for Boston:

Place.	Position.					
	Latitude.			Longitude.		
	°	'	"	°	'	"
Gloucester, Mass.	42	35	19 N	70	41	08 W
Deer Island, Mass.	42	21	15 N	70	57	30 W
Fourth Cliff, Mass.	42	09	40 N	70	42	22 W

The following radio compass stations take bearings for New York:

Place.	Position.					
	Latitude.			Longitude.		
	°	'	"	°	'	"
Fire Island, N. Y.	40	38	07 N	73	12	32 W
Rockaway Beach, Long Island	40	33	52 N	73	52	40 W
Sandy Hook, N. J.	40	28	12 N	74	01	06 W
Mantoloking, N. J.	40	01	30 N	74	03	10 W
Montauk, Long Island	41	03	09 N	71	57	27 W

The following radio compass stations take bearings for Cape May:

Place.	Position.	
	Latitude.	Longitude.
Cape May, N. J.	38 56 41 N	74 53 10 W
Cape Henlopen, Del.	38 47 26 N	75 05 16 W
Bethany Beach, Del.	38 32 45 N	75 08 20 W

The following radio compass stations take bearings for Virginia Beach:

Place.	Position.	
	Latitude.	Longitude.
Hog Island, Va.	37 22 36 N	75 42 37 W
Smith Island, Va.	37 07 08 N	75 53 42 W
Cape Henry, Va.	36 55 16 N	75 59 51 W

2. 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.

3. To obtain bearings from harbor-entrance compass stations carry out the same procedure with the exception that the compass-control station should be called instead of the compass station.

4. 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.

5. 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 station.
QTF?	What is my position?
QTF	Your position is latitude _____, longitude _____.

6. The radio compass station (or compass-control station for harbor-entrance compass stations) will answer requests for bearings and positions in the customary manner of answering calls and follow their call letters with "K" if they desire to take a bearing at that time, "QRX" if they desire the vessel to stand by, or other abbreviated signal authorized by International Regulations.

7. On being told to "K" vessels desiring bearings or positions will transmit their radio call letters for 30 seconds and then make dashes 5 seconds long for 1 minute, making their call letters 3 times after each 5-second dash and terminating with the conventional signal "K" (go ahead).

8. At the expiration of the direction-determining signals the radio compass station (or compass-control station) will call the vessel, make "QTE," and send the bearing

in degrees (0 to 359) and the name of the compass station which obtained the bearing, or "QTF" and the position in latitude and longitude. Bearings and positions will always be transmitted to the vessel in words to avoid error.

9. Vessels acknowledge receipt of bearings and positions by making the call letters of the station transmitting the bearing or position once, "DE," vessel's radio call letters, and then repeats the bearing or position received, using numerals.

10. Independent radio compass stations keep watch on 600 meters, and this wave length should always be used to call these stations; but, as soon as they answer, naval vessels will shift to tune "M" (952 meters), all transmission from the vessel being carried out thereafter on this wave length.

11. The control stations for harbor-entrance radio compass stations keep watch on 600 and 952 meters. Naval vessels will call these stations on 952 meters and carry out all tests and communication with them hereafter on 952 meters.

12. Merchant vessels will call all radio compass and compass-control stations on 600 meters and carry out all tests and communication with them thereafter on this wave length.

13. Commanders of vessels should note that shore radio compass stations can not distinguish between the bearing of a ship and its reciprocal unless the reciprocal bears inland. There is, therefore, a possibility of an error of 180 degrees. In such cases the decision is left to the commander of the ship as to which is the correct bearing.

14. Subject to the foregoing, bearings should be accurate within 2 degrees of 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 center of an area inclosed by the bearings can generally be taken as the approximate position of the vessel.

15. There follows a complete list of naval shore radio compass stations.

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

ATLANTIC COAST.

Station.	Call.	Wave lengths.	Position.
Amagansett, L. I.	NAH	800	Lat. 41-03-39 N, long. 71-57-27 W.
Appledore Island, Me.	NTW	800	Lat. 42-59-12 N, long. 70-36-42 W.
Bar Harbor, Me.	NBD	800	Lat. 44-18-36 N, long. 68-11-27 W.
Bethany Beach, Del.	NSD	800	Lat. 38-32-45 N, long. 75-03-21 W.
Burrwood, La.	NBX	800	Lat. 29-11-24 N, long. 89-02-26 W.
Cape Cod, Mass.	NAE	800	Lat. 42-02-58 N, long. 70-04-32 W.
Cape Hatteras, N. C.	NDW	800	Lat. 35-14-22 N, long. 75-31-42 W.
Cape Henlopen, Del.	NSD	800	
Cape Henry, Va.	NCZ	800	Lat. 36-55-16 N, long. 75-59-51 W.
Cape Lookout, N. C.	NAN	800	Lat. 34-36-13 N, long. 76-32-15 W.
Cape May, N. J.	NSD	800	Lat. 38-56-41 N, long. 74-53-10 W.
Chatham, Mass.	NXA	800	Lat. 41-42-48 N, long. 69-57-53 W.
Damiscove Island, Me.	NFQ	800	Lat. 43-45-17 N, long. 69-36-47 W.
Deer Island, Mass.	NAD	800	Lat. 42-21-15 N, long. 70-57-30 W.
Fire Island, N. Y.	NAH	800	Lat. 40-38-07 N, long. 73-12-32 W.
Fourth Cliff, Mass.	NAD	800	Lat. 42-09-40 N, long. 70-42-22 W.
Gloucester, Mass.	NAD	800	Lat. 42-35-19 N, long. 70-41-08 W.
Grand Island, Va.	NLI	800	Lat. 29-13-52 N, long. 89-59-46 W.
Hog Island, Va.	NCZ	800	Lat. 37-22-36 N, long. 75-42-37 W.
Jupiter Inlet, Fla.	NAQ	800	
Mantoloking, N. J.	NAH	800	Lat. 40-01-30 N, long. 74-03-10 W.
Morris Island, S. C.	NAO	800	Lat. 32-41-36 N, long. 79-53-17 W.
North Island, S. C.	NZW	800	Lat. 33-13-21 N, long. 79-11-06 W.
Pass a Loutre, La.	NBX	800	Lat. 29-11-24 N, long. 89-02-26 W.
Poyners Hill, N. C.	NCZ	800	
Prices Neck, R. I.	NAF	800	Lat. 41-27-06 N, long. 71-20-15 W.
Rockaway Beach, N. Y.	NAH	800	Lat. 40-33-52 N, long. 73-52-40 W.
Sandy Hook, N. J.	NAH	800	Lat. 40-28-12 N, long. 74-01-06 W.
Surfside Nantucket, Mass.	NBS	800	Lat. 41-14-42 N, long. 70-05-56 W.
Watch Hill, R. I.	NAF	800	Lat. 41-18-21 N, long. 71-51-29 W.

PACIFIC COAST.

Avalon, Santa Cat., Calif.	NZL	800	Lat. 33-20-38 N, long. 118-19-02 W.
Bird Island, Calif.	NLD	800	Lat. 37-49-24 N, long. 122-32-14 W.
Cattle Point, Wash.	NFN	800	Lat. 48-27-02 N, long. 122-57-42 W.
Empire, Oreg.	NPF	800	
Eureka, Calif.	NPW	800	Lat. 40-41-45 N, long. 124-16-40 W.
Farallon Island, Calif.	NPI	800	Lat. 37-42-00 N, long. 123-00-00 W.
Fort Stevens, Wash.	NPE	800	Lat. 49-11-30 N, long. 123-59-10 W.
Imperial Beach, Calif.	NPL	800	Lat. 32-37-10 N, long. 117-08-10 W.
New Dungeness, Wash.	NFT	800	Lat. 48-10-12 N, long. 123-07-57 W.
Ocean Park, Wash.	NPE	800	Lat. 46-27-45 N, long. 124-03-30 W.
Point Arguello, Calif.	NPK	800	
Point Fermin, Calif.	NPX	800	Lat. 33-42-22 N, long. 118-17-40 W.
Point Hueneeme, Calif.	NMD	800	Lat. 34-08-47 N, long. 119-12-33 W.
Point Loma, Calif.	NPL	800	Lat. 32-40-10 N, long. 117-14-45 W.
Point Montara, Calif.	NLH	800	Lat. 37-32-12 N, long. 122-31-14 W.
Point Reyes, Calif.	NLG	800	Lat. 38-02-31 N, long. 122-59-30 W.
Port Angeles, Wash.	NFT	800	
Slip Point, Wash.	NPD	800	
Smith Island, Wash.	NFH	800	
Tatoosh, Wash.	NPD	800	Lat. 48-23-30 N, long. 124-44-10 W.
West Port, Wash.	NHL	800	

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

ATLANTIC COAST.

Call.	Station.	Call.	Station.
NAD	Gloucester, Mass.	NBS	Surfside Nantucket, Mass.
NAD	Fourth Cliff, Mass.	NBX	Pass a Loutre, La.
NAD	Deer Island, Mass.	NBX	Burrwood, La.
NAE	Cape Cod, Mass.	NCZ	Cape Henry, Va.
NAF	Prices Neck, R. I.	NCZ	Poyners Hill, N. C.
NAF	Watch Hill, R. I.	NCZ	Hog Island, Va.
NAH	Rockaway Beach, N. Y.	NDW	Cape Hatteras, N. C.
NAH	Sandy Hook, N. J.	NFQ	Damseove Island, Me.
NAH	Amagansett, L. I., N. Y.	NLI	Grand Island, La.
NAH	Fire Island, N. Y.	NSD	Cape Henlopen, Del.
NAH	Mantoloking, N. J.	NSD	Bethany Beach, Del.
NAN	Cape Lookout, N. C.	NSD	Cape May, N. J.
NAO	Morris Island, S. C.	NTW	Appledore Island, Me.
NAQ	Jupiter Inlet, Fla.	NXA	Chatham, Mass.
NBD	Bar Harbor, Me.	NZW	North Island, S. C.

PACIFIC COAST.

NFH	Smith Island, Wash.	NPE	Ocean Park, Wash.
NFN	Cattle Point, Wash.	NPE	Fort Stevens, Wash.
NFT	New Dungeness, Wash.	NPF	Empire, Oreg.
NFT	Port Angeles, Wash.	NPI	Farallon Island, Calif.
NHL	West Port, Wash.	NPK	Point Arguello, Calif.
NLD	Bird Island, Calif.	NPL	Imperial Beach, Calif.
NLG	Point Reyes, Calif.	NPL	Point Loma, Calif.
NLH	Point Montara, Calif.	NPT	Point Fermin, Calif.
NMD	Point Hueneme, Calif.	NPW	Eureka, Calif.
NPD	Ship Point, Wash.	NZL	Avalon, Santa Cat., Calif.
NPD	Tatoosh, Wash.		

APPENDIX.

TRANSMISSION OF HYDROGRAPHIC INFORMATION, WEATHER REPORTS, AND TIME SIGNALS BY NAVAL RADIO STATIONS.

HYDROGRAPHIC INFORMATION.

Information concerning wrecks, derelicts, ice, and other dangerous obstructions to navigation whenever received from the Hydrographic Office or from a branch hydrographic office or other reliable source is sent broadcast four times daily, viz, at 8 a. m., noon, 4 p. m., and 8 p. m., local (standard) time of station. Ships within range of a naval radio station should be prepared to receive these hydrographic messages at the hours mentioned and should avoid sending radio messages at these times. One vessel sending may prevent several others receiving information necessary to their safety.

Naval radio stations will furnish this information to passing vessels on request, whenever practicable, at other hours than those mentioned above. Should it not be practicable to send out this information on one of the hours scheduled it will be held until the next scheduled time and sent out as soon as practicable after each hour scheduled.

Each day at noon and 10 p. m., seventy-fifth meridian, immediately following the time signal, the Naval Radio Station at Washington, D. C., will broadcast such information relating to safe navigation as may be furnished it by the Hydrographic Office during the preceding 24 hours. The same wave length, 2,500 meters, used in the time signal will be employed.

TRANSMISSION OF WEATHER REPORTS BY NAVAL RADIO STATIONS.

Through cooperation with local offices of the United States Weather Bureau, weather forecasts are sent broadcast to sea through naval coast radio stations at certain times, varying with the locality, as described below. Coast stations are generally prepared to give local forecasts to passing vessels without charge, on request.

ATLANTIC COAST.

Sent by Washington (NAA) on 2,500 meters wave length and Key West (NAR) on 1,500 meters wave length immediately following 10 p. m. time and hydrographic information (seventy-fifth meridian time).

The coast line is divided as follows:

North Atlantic, Halifax to New York; middle Atlantic, New York to Hatteras; south Atlantic, Hatteras to Key West; east Gulf, Key West to mouth of Mississippi; west Gulf, mouth of Mississippi to mouth of Rio Grande.

This bulletin consists of two parts, the first part containing code letters and figures expressing the actual weather conditions at 8 p. m., seventy-fifth meridian time, on the day of distribution at certain points along the eastern coast of North America, one point along the coast of the Gulf of Mexico, and one at Bermuda. The second

part contains a special forecast of the probable winds to be experienced a hundred miles or so offshore. The second part of the bulletin also contains certain warnings of severe storms along the coast whenever occasion arises.

The points for which weather conditions are furnished by the above bulletin are designated, respectively, by their initial letter, except in the case of Nantucket, for which the letter T is used; accordingly, S=Sydney, T=Nantucket, DB=Delaware Breakwater, H=Hatteras, C=Charleston, K=Key West, P=Pensacola, and B=Ber-muda.

GREAT LAKES.

Sent by Great Lakes (NAJ) on 1,512 meters and Washington (NAA) on 2,500 meters immediately following 10 p. m. time and hydrographic information (ninetieth meridian time).

This bulletin is sent in a similar manner to the one sent out for the Atlantic coast, except the first part expresses the actual weather conditions at 7 p. m., ninetieth meridian time, on the day of distribution at certain points on the Great Lakes. These points are designated as follows: Du=Duluth, M=Marquette, U=Sault Sainte Marie, G=Green Bay, Ch=Chicago, L=Alpena, D=Detroit, V=Cleveland, and F=Buffalo.

This grouping begins on Lake Superior and ends on Lake Erie.

The second part contains a special forecast of the probable winds to be experienced on the Lakes.

Lakes Superior, Michigan, and Huron are considered the upper lakes, and Lakes Erie and Ontario the lower lakes.

All bulletins begin with the letters U. S. W. B. (United States Weather Bureau) and the weather conditions follow. The first three figures of a report represent the barometric pressure in inches (002=30.02); the next figure, the fourth in sequence, represents the direction of the wind to the eight points of the compass: 1=north, 2=north-east, 3=east, 4=southeast, 5=south, 6=southwest, 7=west, 8=northwest, and 0=calm. The fifth figure represents the force of the wind on the Beaufort scale following:

Beaufort scale of wind force.

Number and designation.	Statute miles per hour.	Nautical miles per hour.
0 Calm.....	0 to 3	0 to 2.6
1 Light air.....	8	6.9
2 Light breeze.....	13	11.3
3 Gentle breeze.....	18	15.6
4 Moderate breeze.....	23	20.0
5 Fresh breeze.....	28	24.3
6 Strong breeze.....	34	29.5
7 Moderate gale.....	40	34.7
8 Fresh gale.....	48	41.6
9 Strong gale.....	56	48.6
10 Whole gale.....	65	56.4
11 Storm.....	75	65.1
12 Hurricane.....	90 and over.	78.1 and over.

In order to simplify the code, no provision has been made for wind force greater than 9, strong gale, on the Beaufort scale. Whenever winds of force greater than 9 occur the number representing them is given in words instead of figures, thus: Ten, eleven, etc.

EXAMPLES OF CODE.

U S W B S 96465 T 91674 DB 94686 H 99886 C 01214 K 02622 P 03613
B 00065.

Translation.

United States Weather Bureau.

Station.	Pressure.	Wind.	
		Direction.	Force. ¹
Sydney.....	29.64	SW	5
Nantucket.....	29.16	W	4
Delaware Breakwater.....	29.46	NW	6
Hatteras.....	29.98	NW	6
Charleston.....	30.12	N	4
Key West.....	30.26	NE	2
Pensacola.....	30.36	N	3
Bermuda.....	30.00	SW	5

¹ See Beaufort scale.

U S W B Du 95826 M 97635 U 00443 G 96046 Ch 95667 L 00644 D 00842
V 01054 F 01656

Translation.

United States Weather Bureau.

Station.	Pressure.	Wind.	
		Direction.	Force. ¹
Duluth.....	29.58	NE	6
Marquette.....	29.76	E	5
Sault Ste. Marie.....	30.04	SE	3
Green Bay.....	29.60	SE	6
Chicago.....	29.56	SW	7
Alpena.....	30.06	SE	4
Detroit.....	30.08	SE	2
Cleveland.....	30.10	S	4
Buffalo.....	30.16	S	6

¹ See Beaufort scale.

PACIFIC COAST.

Weather bulletins are obtained from the Weather Bureau, San Francisco, by the San Francisco Naval Radio Station at about 8.30 a. m. and 6 p. m. and forwarded by radio to North Head and San Diego as soon as practicable. Same is broadcasted by San Francisco, North Head, and San Diego at noon and 10 p. m. on 952 meters immediately after transmission of time signals. Hydrographic information and storm warnings are broadcasted immediately upon receipt by Tatoosh, Puget Sound, North Head, Marshfield, San Francisco, and Point Arguello on 600 and 952 meters in succession, and also after broadcasted local weather report. Local weather reports broadcasted by Tatoosh, North Head, San Francisco, and San Diego at 8 a. m. and 4 p. m. on 600 meters and at noon and 10 p. m. 952 meters; and at noon and 10 p. m. by Puget Sound, Marshfield, and Point Arguello on 600 meters. Total weather report from Farallones Islands is forwarded to San Francisco for Marine Exchange at 8 a. m., noon, and 5 p. m.

The daily bulletin broadcasted by San Francisco, North Head, and San Diego will consist of two parts. The first part will contain code words and figures which will express the actual weather conditions at 5 p. m. (one hundred and twentieth meridian

time) on the day of distribution at certain points along the western coast of the United States. The second part of the bulletin will contain a special forecast of the probable winds to be experienced a hundred miles or so offshore, made by the United State Weather Bureau, San Francisco, for distribution to shipmasters by naval radio as above. The second part of the bulletin will also contain warnings of severe storms along the coast as occasion may arise.

The points on the Pacific coast from which weather conditions will be furnished will be designated, respectively, by their initial letter:

T=Tatoosh.
 NH=North Head.
 E=Eureka.
 SF=San Francisco.
 SD=San Diego.

The bulletin will begin with the letters "U S W B S F," signifying United States Weather Bureau, San Francisco, and the weather conditions will follow. The first three figures of a report will represent the barometric pressure in inches (964=29.64); the next figure, the fourth in sequence, will represent the direction of the wind to eight points of the compass:

1=North.
 2=Northeast.
 3=East.
 4=Southeast.
 5=South.
 6=Southwest.
 7=West.
 8=Northwest.
 0=Calm.

The fifth figure will represent the force of the wind on the Beaufort scale.

If the weather conditions for any station can not be supplied, the initial of the station will be given, followed by the word "Missing"; and if any portion of a report can not be furnished, such portion will be replaced by an equivalent number of letters, X.

The coast line of the western part of the United States will be divided as follows:

Northern Pacific, Tatoosh to Cape Blanco.
 Central Pacific, Cape Blanco to Point Arguello.
 Southern Pacific, Point Arguello to San Diego.

The forecast and warning will be in ordinary language, and will cover a period of 24 hours from 5 p. m., date of issue. At the end of the forecast a statement will be made in regard to the location and movement of any barometric depression that may be likely to affect the winds over the ocean.

Example of forecast and warnings:

Northern Pacific missing Central Pacific Wednesday rain heavy southeast winds
 Southern Pacific moderate southerly winds period Southeast storm warnings displayed Pointarguello to Capeblanco.

HAWAII.

Weather bulletins obtained from the United States Weather Bureau at Honolulu are broadcasted daily by the Pearl Harbor Radio Station at 8 a. m., noon, 4 p. m., and 8 p. m., local time.

TUTUILA, SAMOA.

Local weather bulletins preceded by the letter "T" are broadcasted by the Tutuila Naval Radio Station at 8 a. m., noon, 4 p. m., and 8 p. m., local time.

TRANSMISSION OF TIME SIGNALS BY NAVAL RADIO STATIONS.

The transmission of time signals to vessels at sea by means of radiotelegraphy was first accomplished in the United States in 1905, and this service, enlarged and extended, has continued to the present time. This service is of the greatest value to mariners, as it furnishes a means by which the time, as given by the transmitted signals, may be compared with a ship's chronometer and the error of the chronometer found. Similar comparisons over a number of days enable data to be obtained by which not only the error may be found but also the chronometer rate; that is, the rate at which it is gaining or losing.

The noontime signals on the Atlantic coast are sent out through the coast radio stations by connection with Western Union telegraph lines from the United States Naval Observatory at Washington, D. C. By the operation of proper relays in electrical circuits, the beats of the seconds of a standard clock in the observatory are sent out broadcast as a series of radio dots, commencing five minutes before the time of the final signal. By omitting certain dots in a series, the comparison between the dots and the beats of the chronometer seconds can be checked until the instant of local noon (seventy-fifth meridian time) is reached. This is marked by a longer dot, which gives the time of exact noon. A comparison with the chronometer time at that instant gives its error referred to the seventy-fifth meridian time. Applying the difference in longitude, namely, five hours, between the seventy-fifth meridian and Greenwich, which is the standard meridian (or 0° longitude), the error of the chronometer referred to Greenwich time is determined.

According to information received from the Director of Naval Communications, time signals are being transmitted by the United States Naval Radio Stations as follows:

Station.	Call letters.	Wave length.	When sent.
Washington.....	NAA	<i>Meters.</i> 12,500	Daily at 11.55 a. m. to noon, and 9.55 to 10 p. m., standard time, seventy-fifth meridian.
Annapolis.....	NBS	17,000	Daily at 11.55 a. m. to noon, and 9.55 to 10 p. m., standard time, seventy-fifth meridian.
Key West.....	NAR	1,500	Daily at 11.55 a. m. to noon, standard time, seventy-fifth meridian.
New Orleans.....	NAT	1,000	Daily at 11.55 a. m. to noon, standard time seventy-fifth meridian.
Balboa, Panama.....	NBA	7,000	Daily at 4.55 to 5 a. m., and 12.55 to 1 p. m., standard time, seventy-fifth meridian.
Colon, Panama.....	NAX	1,500	Daily at 4.55 to 5 a. m., and 12.55 to 1 p. m., standard time, seventy-fifth meridian.
Cavite, P. I.....	NPO	952 5,000	Daily at 10.55 to 11 a. m., and 9.55 to 10 p. m., standard time, one hundred and twentieth meridian, east.
North Head, Wash.....	NPE	2,800	Daily at 11.55 a. m. to noon, standard time, one hundred and twentieth meridian, west.
Eureka, Calif.....	NPW	2,000	Daily at 11.55 a. m. to noon, standard time, one hundred and twentieth meridian, west.
Point Arguello, Calif.....	NPK	1,512	Daily except Sundays and holidays at 11.55 a. m. to noon, standard time, one hundred and twentieth meridian, west.
San Diego, Calif.....	NPL	9,800 12,400	Daily except Sundays and holidays at 11.55 a. m. to noon, standard time, one hundred and twentieth meridian, west.
San Francisco, Calif.....	NPH	4,800 12,400	Daily at 11.55 a. m. to noon, standard time, one hundred and twentieth meridian, west.
Great Lakes, Ill.....	NAJ	1,512	Daily except Sundays and holidays at 10.55 a. m. to 11 a. m., standard time, ninety-fifth meridian.
Pearl Harbor, Hawaii.....	NPM	11,200 1,600	Daily at one hundred and eightieth meridian, mean noon.

1 Spark.

3 Arc.

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)	• — • • • •
• — • — • —	Transmission finished (end of work) (conclusion of correspondence)	• • • — • —
Å or Ä (Spanish-Scandinavian)		
• — • — • —		
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.¹

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	Have you anything for me?.....	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.
QSJ	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.

¹ 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 ¹	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.
QTE	What is my true bearing?	Your true bearing is degrees from
QTF	What is my position?	Your position is latitude longitude.

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

TUTE

Minneapolis, Minn.

Missoula, Mont.

980	895
905	1790
948	1947
1160	252
125	2124
335	1706
733	1740
356	1348
603	1578
632	1640
699	670
235	1074
543	1552
156	1115
219	819
670	1312
1067	1595
399	881

TUTE

Minneapolis, Minn.	Missoula, Mont.	Nashville, Tenn.
980	895	112
905	1790	22
948	1947	59
140	252	162
125	2124	94
1335	1706	95
733	1740	62
356	1348	39
603	1578	23
632	1640	42
699	670	102
235	1074	52
542	1552	46
156	1115	116
219	819	90
670	1312	64
1087	1595	66
399	891	68

JAN 34 1922



DEPARTMENT OF COMMERCE
BUREAU OF NAVIGATION
RADIO SERVICE

COMMERCIAL AND GOVERNMENT
RADIO STATIONS OF THE
UNITED STATES

EDITION JUNE 30, 1921



WASHINGTON
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1921

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.

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 protectorates.	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 abbreviations.
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).
KAA to KBZ..	Germany.	VPA to VSZ ..	British colonies not autonomous.
KCA to KCZ..	Latvia.	VTA to VWZ..	British India.
KDA to KZZ..	United States.	VXA to VZZ..	Colonies and protectorates 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 ¹ ..	Peru...		
OCA to OFZ ..	Great Britain.		
OGA to OIZ...	Denmark.		

¹ 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	¹ 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.....	KDPU	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	(²)	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	(⁴)	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	(³)	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	(²)	Westinghouse Electric & Mfg. Co.
Egegik, Alaska.....	KMF	300, 550, 600	PR	X	Libby, McNeill & Libby.
Ekuik, 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	(⁴)	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.

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

³ Operates from 7 a. m. to 9 p. m.
⁴ 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.
Fort Worth, Tex.	KDMK	500	PR	N	Continental Radio Teleg. & Telp. Co.
Fresno, Calif.	KDNU	425	PR	X	San Joaquin Light & Power Corp.
Funter, Alaska.	KXK	300, 550, 800	PR	X	Thinket Packing Co.
Galveston, Tex.	KDLZ	300, 375, 425, 800	PR	X	Sugarland Industries.
Hawk Inlet, Alaska.	KKAI	300, 550, 600	PR	X	P. E. Harris & Co.
Hillsboro, Oreg.	KGH	300, 600, 8300, 9400, 14200, 15300	PR	X	Federal Telegraph Co.
Hog Island, Pa.	KDAB		P	X	American International Shpg. Corp.
Hyder, Alaska.	KDFA	300, 550, 800, 1610	PG	X	Hyder Townsite & Improvement Co.
Ikatan, Alaska.	KXW	300, 450, 600	PR	X	Pacific American Fisheries.
Iloilo, P. I.	KUVM				Philippine Insular Government.
Isabela de Basilan, P. I.	KHI	200	PG	X	Do.
Johnswood, Mich.	KUVQ	300, 450, 600	PR	X	Kreetan Co.
Jolo, P. I.	WVS	800	PG	X	Philippine Insular Government.
Jordan, Mont.	KUVR	500	PR	(1)	Miles City-Jordan Wireless Co.
Jualin, Alaska.	KJA	300, 600, 1940	PG	X	Jualin Alaska Mines Co.
Kahuku, Hawaii.	KIE	300, 600, 16435	PR	N	Radio Corp. of America.
Karluk, Alaska.	KYK	300, 500, 800	PR	X	Alaska Packers Ass'n.
Kaunakakai, Hawaii.	KHO	300, 550, 600	PR	(2)	Mutual Telephone Co.
Kawaihae, Hawaii.	KHN	300, 550, 800	PR	(3)	Mutual Telephone Co.
King Cove, Alaska.	KJK	300, 450, 600, 1610	PG	X	Pacific American Fisheries.
Koglung, Alaska (moored vessel).	KUBX	300, 400, 600	PR	X	Alaska Packers Ass'n.
Koglung, Alaska.	KVV	300, 450, 600, 1610	PR	X	Libby, McNeill & Libby.
Koko Head, Hawaii. See Kahuku, Hawaii.	KIE				Radio Corp. of America.
Kussilof, Alaska.	KKAO	525, 600, 1610	PR	X	Alaska Packers Ass'n.
Kvichak, Alaska.	KHB	300, 400, 500, 600	PR	X	Do.
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.
Lockanuk, Alaska.	KML	300, 550, 600, 1650	PR	X	Libby, McNeill & Libby.
Long Beach, Calif.	KUXT	300, 350, 400, 450, 500, 600	PR	(1)	Pacific Teleg. & Teleg. Co.
Lost Harbor, Alaska.	KWS	300, 600	PR	X	Alaska Sulphur Co.
Malabang, P. I.	WVT	600, 1200	PG	X	Philippine Insular Government.
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, 1630	PR	X	John C. Currian.
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.	KHT	300, 600, 1610	PR	X	Alaska Packers Ass'n.
Naknek, Alaska.	KMK	300, 500, 600	PR	X	Naknek Packing Co.
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	13000	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. Simou.
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.
Pedrocity, Calif.....	KUXV	300, 350, 400, 450, 500, 600	PR	(*)	Pacific Telep. & Teleg. Co.
Philadelphia, Pa.....	WHE	300, 600, 1700	PR	(1)	John Wanamaker.
Pilot Point, Alaska.....	KUDT	300, 500, 600	PR	X	Alaska Packers Ass'n.
Pirate Cove, Alaska.....	KOXN	300, 600, 1650	PR	X	Union Fish Co.
Port Althorp, Alaska.....	KLW	300, 450, 525, 600	PR	X	Deep Sea Salmon Co.
Port Beauchaire, Alaska.....	KWO	300, 550, 600	PR	X	Beauchaire 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.....	KDGU	300, 600, 1985	PR	X	Bethlehem Shipbuilding Corp.
Radioville, Alaska.....	KWV	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.....	KDRQ	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. & Teleg. 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.

* Operates from 9 a. m. to 6 p. m., daily except Sunday.

† Operates from 7 a. m. to 11 p. m.

‡ 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	KDHX	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.
Abecon	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 Sehley	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	KLOM	300, 600	PG-X	do.	S. O. R. S.
Agarista	KLUU	300, 600	PG-X	do.	do.
Agawam	WNIE	300, 600	PG-X	do.	do.
Agememnon	KOXQ	300, 600	PG-N	do.	I. W. T. Co.
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.
Agwisea	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.
Akwistone	KDPO	300, 450, 600	PG-X	A., G. & W. I. S. S. Lines	Do.
Arwisun	KDAD	300, 600	PG-X	do.	Do.
Argwiworld	KDMD	300, 600	PG-X	do.	Do.
Argylla	KUXS	300, 450, 600	PG-X	National Oil Transport Co.	S. O. R. S.
Airlie	WBEL	300, 600	PG-X	Nacirema S. S. Corp.	do.
Aisne	KDNC	300, 600	PG-N	U. S. S. B.	do.
Ajax	KOI	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	300,600,1900	PG-X	Fred G. Bourne.	Do.
Albert E. Watts.....	KDOK	300,600	PG-X	Sinclair Navigation Co.	R. C. of A.
Alcona.....	WLUD	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.	Do.
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.	Do.
Allies.....	KQUA	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.
Ameross.....	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.....	KWF	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.	Do.
Andrea F. Luckenbach.....	KIFV	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. <i>See The Angeles.</i>					
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.	Do.
Anniston City.....	KDSG	300,600	PG-X	U. S. Steel Products Co.	Do.
Anoka.....	KQEE	300,600	PG-X	U. S. S. B.	Do.
Anthraxite Bridge.....	KUKG	300,600	PG-X	do.	R. C. of A.
Antietam.....	KONR	300,600	PG-X	do.	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.	Do.
Apache.....	KVA	300,450,600	PG-N	Clyde S. S. Co.	Do.
Apalachee.....	WSAE	300,600	PG-X	U. S. S. B.	Do.
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.....	KOCI	300,425,600	P-X	H. F. Alexander	Owner of vessel.
Aragon.....	KUKB	300,600	PG-X	Hawk S. S. Line.	C. & W.
Arasphoe.....	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.
Arden.....	KDPN	300,600	PG-X	do.	Do.
Ardmore.....	KIA	300,450,600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Arcnos.....	KIRM	300,600	PG-X	U. S. S. B.	Do.
Argenta.....	KIKS	300,600	PG-X	do.	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.	Do.
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.	
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.	
Asquam.....	KISV	300, 600	PG-X	do.	Do.
Assinipi.....	KIPB	300, 600	PG-X	do.	S. O. R. S.
Astmahco III.....	WGB	300, 600	PG-X	Astmahco 3 (Inc.)	Do.
Astmahco IV.....	WDF	300, 600	PG-X	Astmahco 4 (Inc.)	Do.
Astra.....	KDSE	300, 600	PG-X	J. Bullock	
Astral.....	KIQ	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.	
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.....	WVP	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.	
Babhoosic.....	KITC	300, 600	PG-N	do.	Do.
Babinda.....	KODP	300, 600	PG-X	Pacific Motorship Co.	
Baccarat.....	KUSX	300, 600	PG-X	Independent S. S. Co.	Do.
Bacoi.....	KJU	300, 450, 600	PG-X	Gillespie S. S. Corp.	
Baddacock.....	KUJD	300, 600	PG-X	U. S. S. B.	
Bakersfield.....	KIZC	300, 600	PG-X	do.	I. W. T. Co.
Balcatta.....	KOLM	300, 600	PG-X	Pacific Motorship Co.	
Baldbutte.....	KISM	300, 600	PG-X	U. S. S. B.	
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.
Ballcamp.....	KENV	300, 450, 600	PG-X	do.	R. C. of A.
Ballenas.....	KEMZ	300, 600	PG-X	do.	S. O. R. S.
Ballex.....	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.	
Banhack.....	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.
Bartholome.....	KOBS	300, 450, 600	PG-X	do.	
Bartholomew.....	KOMF	300, 600	PG-X	do.	Do.
Barugo.....	KEQC	300, 600	PG-X	do.	
Barwick.....	KOBR	300, 600	PG-X	do.	C. & W.
Basco.....	WVEI	300, 600	PG-N	do.	
Bascohel.....	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.	
Bathalum.....	KIQT	300, 600	PG-X	do.	I. W. T. Co.
Bathgate.....	KIQS	300, 600	PG-X	do.	
Batino.....	KERC	300, 600	PG-X	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.	
Bayou Chico.....	KDGG	300, 600	PG-X	do.	Do.
Betty R.....	KDTF	200, 300, 600	PR-X	Edward C. Crossett	

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. S.
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.....	
Bensalem.....	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.
Bessemer.....	KIGT	300,600	PG-X	U. S. S. B.....	R. C. of A.
Bessemer 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.	KIJV	300,600	PG-X	do.....	S. O. R. S.
Bethlehem Ship- building Corp. ¹	KUFP			Bethlehem Shipbldg. Corp.....	Owner of vessel.
Bethmor.....	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.....	
Bolkow.....	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.
Brookton.....	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.

¹ 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.....	R. C. of A.
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.
Calocorock.....	KXII	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Calisnell.....	KXIO	300, 600	PG-X	do.....	I. W. T. Co.
Callabastas.....	WPUI	300, 450, 600	PG-X	Callabastas S. S. Corp.....	Do.
Callao.....	KEQS	300, 600	PG-X	U. S. S. B.....	Owner of vessel.
Callao.....	WHF	300, 600	PG-X	Bark Callao Corp.....	I. W. T. Co.
Calno.....	KINV	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Caloria.....	KSP	300, 600	PG-X	Standard Oil Co. of N. J.....	Do.
Calvert.....	WTUI	300, 600	PG-X	U. S. S. B.....	Do.
Calvin Austin.....	KRN	300, 450, 600	PG-X	Eastern S. S. Lines.....	I. W. T. Co.
Camaguey.....	KWI	300, 450, 600	PG-N	New York & Cuba Mail S. S. Co.	Do.
Cambral.....	KDJN	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.....	KIRR	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	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.
Canumset.....	EIQD	300, 600	PG-X	do.....	Do.
Cantigny.....	KDFO	300, 600	PG-X	do.....	I. W. T. Co.
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.....	R. C. of A.
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.
Carenco.....	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.
Carplaka.....	KDES	300, 600	PG-X	U. S. S. B.....	Do.
Carrabelle.....	KDER	300, 600	PG-X	do.....	United Fruit Co.....
Carrillo.....	KDE	300, 600	PG-N	do.....	T. R. T. Co.
Cartago.....	KDD	300, 600	PG-N	do.....	Do.
Cascade.....	WPLO	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
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	800, 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, 650, 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.
Cerosco.....	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.....	KEFK	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.....	EURF	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.
Chebaulip.....	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.....	KECG	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.....	WFJ	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....	WFQ	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.....	KKEF	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....	WGQ	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..	KBI	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.....	KUVC	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.....	KURD	300,600	PG-X	W. H. Wood.....	Owner of vessel.
Clark Mills.....	ROCQ	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Clarksburg.....	KOVF	300,600	PG-X	Coastwise Transportation Co.....	R. C. of A.
Clauseus.....	KOQB	300,600	PG-X	Green Star S. S. Corp.....	Do.
Clavarack.....	KULL	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.....	Do.
Clemens A. Reiss..	WNH	300,600	PG-X	Reiss S. S. Co.....	S. O. R. S.
Clement Smith....	KDGO	300,600	PG-X	Calvert Navigation Co.....	R. C. of A.
Cletus Schneider..	KMEO	300,600	PG-X	Falsley S. S. Co.....	Do.
Cliffwood.....	KORX	300,600	PG-X	U. S. S. B.....	Owner of vessel.
Clincho.....	KENX	300,600	PG-X	do.....	S. O. R. S.
Clontarf.....	KUDF	300,600	PG-X	do.....	R. C. of A.
Coahoma County..	KOMP	300,600	PG-X	do.....	S. O. R. S.
Coalinga.....	WOT	300,600,1800	PG-X	do.....	Do.
Coamo.....	KGA	300,450,600	PG-N	Union S. S. Co.....	F. T. Co.
Coastwise.....	KUZ	300,600	PG-X	New York & P. R. S. S. Co.....	I. W. T. Co.
				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—
Coxsack	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.
Coelada	KOVV	300, 600	PG-X	do.	R. C. of A.
Coeur D'Alene	KOVT	300, 600	PG-X	do.	S. O. R. S.
Cobasset	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.
Columbia	WBH	300, 600, 1800	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.
Connerville	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.
Cotocock	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.
Cooza	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-	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	WNIU	300, 600	PG-X	U. S. S. B.	I. W. T. Co.
Cornado	WFFZ	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	WPII	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.....	WMEO	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.
Coutolene.....	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.....	S. O. R. S.
Cowanshannock.....	WMAE	300,450,600	PG-X	do.....	Do.
Cowardin.....	KESL	300,450,600	PG-X	Nacirema S. S. Corp.	Do.
Cowboy.....	WMAI	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Cowee.....	WMAO	300,450,600	PG-X	do.....	R. C. of A.
Cowiche.....	WXOA	300,600	PG-X	do.....	Do.
Coyote.....	KXUU	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.
Crainceek.....	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.
Craihorne.....	WSEO	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	do.....	Owner of vessel.
Creole State.....	KDLB	300,450,600	PG-N	Southern Pacific Co.	I. W. T. Co.
Cretan.....	KQC	300,450,600	PG-N	U. S. S. B.....	S. O. R. S.
Cricket.....	WSEI	300,450,600	PG-X	Mer. & Min. Trans. Co.	Do.
Cripple Creek.....	KOJL	300,376,600	PG-X	Cricket S. S. Co.	S. O. R. S.
Crisfield.....	KOKP	300,600	PG-X	U. S. S. B.....	Do.
Cristina.....	KUZB	300,450,600	PG-X	do.....	I. W. T. Co.
Cristobal.....	KMD	300,450,600	PG-N	Vincent Astor.....	Owner of vessel.
Crofton Hall.....	KLR	300,450,600	PG-N	Panama R. R. Co.	R. C. of A.
Cross Keys.....	KOTD	300,600	PG-X	U. S. Steel Products Co.	I. T. W. Co.
Crown City.....	KUSP	300,450,600	PG-X	U. S. S. B.....	Do.
Cruddell.....	KUDQ	300,600	PG-X	do.....	Pan-Amer. Petr. & Trans. Co.
Cuba.....	KDEK	300,450,600	PG-N	do.....	R. C. of A.
Do.....	KDRT	300,600	PG-N	do.....	C. & W.
Do.....	WQU	300,600	PG-N	do.....	R. C. of A.
Cubore.....	KUPP	300,450,600	PG-X	do.....	F. T. CO.
Culberson.....	KDDV	300,600	PG-X	do.....	R. C. of A.
Culburra.....	KOZR	300,600	PG-X	do.....	S. O. R. S.
Cuprum.....	KDIJ	300,600	PG-X	Guaranty Trust Co.	Do.
Cufacao.....	WGK	300,600	PG-N	U. S. S. B.....	J. E. Chilberg.....
Curier.....	KNU	300,450,600	PG-X	U. S. S. B.....	Pacific S. S. Co.
Cushnet.....	KONB	300,600	PG-X	do.....	Gulf Refining Co.
Cushnoc.....	KIMJ	300,450,600	PG-X	do.....	U. S. S. B.....
Custodian.....	KIVZ	300,600	PG-X	do.....	do.....
Cuttyhunk.....	KONC	300,600	PG-X	do.....	do.....
Cuyamaca.....	KUXD	300,450,600	PG-X	do.....	do.....
Dade County.....	KIJZ	300,600	PG-X	do.....	do.....
Dakotan.....	WKD	300,600	PG-X	do.....	do.....
Dallas.....	KEQB	300,600	PG-N	American-Hawaiian S. S. Co.	Owner of vessel.
Damacan.....	KELS	300,600	PG-X	do.....	R. C. of A.
Danebrog.....	WXAO	300,600	PG-X	do.....	Do.
Dan F. Hanlon.....	KDKU	300,600	PG-X	do.....	Do.
Daniel Webster.....	KOKM	300,600	PG-X	D. J. Hanlon.....	I. W. T. Co.
Dannedaika.....	KOPD	300,450,600	PG-X	U. S. S. B.....	R. C. of A.
Danville.....	KOSJ	300,450,600	PG-X	do.....	Do.
Darden.....	KUPK	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Darien.....	KULG	300,600	PG-X	U. S.-Mex. Oil Corp.	Do.
Dartford.....	KDAV	300,600	PG-X	Panama R. P. Co.	Do.
Dauperata.....	KIJZ	300,600	PG-X	U. S.-Mex. Oil Corp.	R. C. of A.
Davenport.....	KUDR	300,600	PG-X	do.....	S. O. R. S.
David McKeivy.....	KDTD	300,600	PG-X	J. O. Davenport.....	Do.
Davidson County.....	KINK	300,600	PG-X	Tidewater Oil Co.	Do.
Dawn.....	KDIH	300,600	PG-X	U. S. S. B.....	R. C. of A.
Dawllite.....	KPP	300,450,600	PG-X	do.....	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	do.....	U. S. S.
				U. S. S. B.....	S. O.

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.....	Do.
Delco.....	KIZB	300,600	PG-X	Delco S. S. Co.....	Moore & McCormack.
Delfina.....	KIVS	300,600	PG-X	U. S. S. B.....	R. C. of A.
Delight.....	KQOE	300,600	PG-X	do.....	S. O. R. S.
Delisic.....	KIVT	300,450,600,	PG-X	do.....	Do.
		1800			
Delivery No. 5.....	KDCK	300,600	PG-X	Standard Oil Co. of N. Y.....	
Dellwood.....	KUBE	300,600	PG-X	U. S. S. B.....	
Delphine.....	KDRR	400,600	PG-X	Horace E. 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.....	KOJB	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.....	R. C. of A.
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,	PG-X	Standard Oil Co. of Calif.....	Do.
		1800			
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.....	
Dinmore.....	KDKN	300,600	PG-X	do.....	Do.
	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.
Doehra.....	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	300,600	PG-X	N. C. Egeen.....	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.....	KUIT	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.....	KUC7	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.....	KDFZ	300, 450, 600	PG-X	C. E. Davis Packing Co.	do.
East Indian.....	WGEI	300, 600	PG-N	U. S. S. B.	S. O. R. S.
Eastport.....	WCIE	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. Lucken- bach.....	KGK	300, 450, 530, 600	PG-X	Luckenbach Co.	Do.
Edgecombe.....	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. Law- rence.....	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 Lucken- bach.....	KGQ	300, 450, 525, 600	PG-X	Luckenbach S. S. Co.	S. O. R. S.
Edward Pierce.....	KMOU	300, 600	PG-X	Crowell & Thurlow S. S. Co.	Owner of vessel.
Elbeck.....	KINQ	300, 600	PG-X	U. S. S. B.	R. C. of A.
Elfingham.....	KOLT	300, 600	PG-X	do.	Do.
Elina.....	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.....	KMOI	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.
Elfay.....	KOVQ	300, 450, 600	PG-X	Russell A. Alger.	S. O. R. S.
Elmor.....	KVR	300, 600	PG-X	U. S. S. B.	Do.
Elsha Walker.....	KDGQ	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.
Endicot.....	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.
Esocene.....	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.....	KDQD	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.....	R. C. of A.
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.
Evansville.....	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.
Everet.....	KUQR	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.....	R. C. of A.
Fargo.....	KONL	300, 600	PG-X	do.....	Do.
Farnam.....	KQIE	300, 600	PG-X	do.....	Do.
Favorite.....	KIFG	300, 600	PG-X	Great Lakes Towing Co.....	Do.
Favorite.....	KDNY				
Favorite.....	WCF	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.....	WFU	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.
Fonsonian.....	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.	
Fort Pitt Bridge.....	KWB	300,450,600	PG-X	do.	I. W. T. Co.
Fort Seward.....	KEVJ	300,450,600	PG-X	do.	R. C. of A.
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.....	
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.....	KTIO	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. Petrlm. & 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.	
Ganeri.....	KERL	300,600	PG-N	do.	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. Petrlm. & Tr. Co.	R. C. of A.
Geo. H. Jones.....	KIFS	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. Petrlm. & 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.	
Georgina Rolph.....	KETX	300,600	PG-X	Rolph Nav. & Coal Co.	Owner of vessel.
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.
Glenora.....	KDFP	300,600	PG-X	U. S. S. B.....	
Glenpool.....	KOH	300,450,600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Glen Ridge.....	KTRZ	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.....	KEXZ	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, 1800	PG-N	U. S. S. B.....	S. O. R. S.
Gold Star.....	KDBD	300,450,600, 1800	PG-X	.....do.....	.....do.....
Gold Star.....	KDPZ	.....	.....	.....	.....
Gonzalis.....	KOBQ	300,600	PG-X	U. S. B. B.....	.....do.....
Goodspeed.....	WKEO	300,600	PG-X	.....do.....	I. W. T. Co.
Gores.....	WLIH	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 Lnd.	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.	.....do.....
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.
Grifco.....	KDFN	300,425,600	PG-X	James Griffiths & Sons.....	S. O. R. S.
Grifdu.....	KDIL	300,425,600	PG-X	Universal S. S. Co.....	Owner of vessel.
Gnantanamo.....	KWN	300,450,600	PG-N	N. Y. & Cuba Mail S. S. Co..	I. W. T. Co.
Guardian.....	WGZ	300,600	PG-X	Central & South Am. Tel. Co.	Owner of vessel.
Guardman.....	KIVX	300,600	PG-X	T. A. Scott Co.....	.....do.....
Guaro.....	WJY	300,600	PG-X	U. S. S. B.....	I. W. T. Co.
Gulmba.....	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	Freept-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.....	KOVB	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.....	.....do.....
Hagood.....	KOQD	300,600	PG-X	.....do.....	.....do.....
Habatunka.....	KUPF	300,600	PG-X	.....do.....	Do.
Hahira.....	KUZC	300,600	PG-X	.....do.....	R. C. of A.
Halcyon.....	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.....	.....do.....
Hambro.....	KDSH	300,600	PG-X	.....do.....	.....do.....
Hammac.....	KDTJ	300,600	PG-X	.....do.....	.....do.....
Hampden.....	WXU	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.....	.....do.....
Hanley.....	KDIF	300,600,1800	PG-X	.....do.....	Do.
Hannawa.....	KDFR	300,600	PG-X	.....do.....	.....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.....	.....do.....
Hartwood.....	KKEVR	300,600	PG-X	Hart-Wood Lumber Co.....	Owner of vessel.
Harvard.....	WRH	300,600	PG-N	.....do.....	.....do.....
Harvester.....	KDHC	300,600	PG-X	Texas S. S. Co.....	I. W. T. Co.
Harvey H. Brown.....	WQE	300,600	PG-X	Castner, Curran & Bullitt.....	R. C. of A.
Hastehurst.....	KOXB	300,450,600	PG-X	U. S. S. B.....	Do.
Hastings.....	KDDL	300,600	PG-X	.....do.....	I. W. T. Co.
Hastnal.....	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..	Owner of vessel.
Hawarden	KUPN	300, 450, 600	PG-X	U. S. S. B.....	Owner of vessel.
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.
Haydon	KDBU	300, 600	PG-X	do.....	S. O. R. S.
Haynie	KDCR	300, 600	PG-X	do.....	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.....	Do.
Heffron	WBAI	300, 600	PG-X	do.....	I. W. T. Co.
Hefira.	KIDF	300, 600	PG-N	do.....	R. C. of A.
Helen	KZB	300, 600	PG-X	Bull-Insular S. S. Co.....	I. W. T. Co.
Henry Clay	KESZ	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.....	Do.
Henry J. Biddle.	WOW	300, 600	PG-X	Calif. & Hawaiian Sgr. Rfg. 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.....	Do.
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. Petrim. & 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.....	Do.
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.
Higo.	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.....	Do.
H. M. Flagler.	KER	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
H. M. Whitney.	WPV	300, 600	PG-X	Whitney Steamship Co.....	Do.
Hoboken	KDEQ	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	WQH	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 & X	Hollywood S. S. Co.....	Owner of vessel.
Hollywood	KDCS	300, 450, 600	PG-N	U. S. S. B.....	Do.
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.....	Do.
Hopatcong	KDKC	300, 600	PG-N	do.....	S. O. R. S.
Horace X. Baxter.	WOF	300, 600	PG-X	Horace X. Baxter S. S. Co..	Do.
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	KIQJ	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.....	Do.
Huguenot.	KIVQ	300, 600	PG-X	do.....	R. C. of A.
Hukey	KIFC	300, 600	PG-X	do.....	I. W. T. Co.
Hulaco	KODQ	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Hulver	KIGD	300, 600	PG-X	do.....	I. W. T. Co.
Humaconna	RIGC	300, 600	PG-X	do.....	S. O. R. S.
Humboldt.	WHX	300, 600	PG-N	James Jerome.....	R. C. of A.
Humrick	KIFN	300, 450, 600	PG-X	U. S. S. B.....	Do.
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.
Hurou.....	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.	Do.
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.....	WJIO	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.	Do.
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.....	WCH	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.
Irrington.....	KOGQ	300, 600	PG-N	U. S. S. B.	R. C. of A.
Isaac L. Rice.....	WKK	300, 600	PG-X	Electric Boat Co.	Do.
Isant.....	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.	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.
Jacoma.....	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 McGea.....	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.	Do.
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.	Do.
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.	Do.
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.....	KQUK	300, 450, 600	PG-X	National Oil Transport Co.	C. & W.
Jim Bid.....	KUZD	300, 600	PG-X	Gulf Barge & Towing Co.	Do.
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.....	
John Englis.....	KDDJ	300,450,600, 1800	PG-X	U. S. S. B.....	
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.....	
John M. Connelly..	KJEI	300,600	PG-X	U. S. S. B.....	
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.
Juneau.....	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.....	
Kanesit.....	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.....	
Kayseeka.....	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.....	
Keketicut.....	KZEA	300,600	PG-X	do.....	I. W. T. Co.
Kekoskee.....	KDGY	300,600	PG-X	do.....	Do.
Kennecott.....	KDPP	300,450,550, 600	PG-X	Alaska S. S. Co.....	Owner of vessel.
Kenowick.....	KOSV	300,600	PG-X	do.....	R. C. of A.
Kentuckian.....	WKE	300,600	PG-X	American-Hawaiian S. S. Co....	Owner of vessel.
Keota.....	WXAU	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.
Kermat.....	WMV	300,600	PG-N	U. S. S. B.....	Do.
Kermoor.....	WJB	300,600	PG-X	Kerr Navigation Corp.....	
Kershaw.....	KQK	300,450,600	PG-N	Merchants & Miners Trans. Co.	I. W. T. Co.
Keshena.....	KITR	300,600	PG-X	U. S. S. B.....	S. O. R. S.
Ketchikan.....	WAE	300,600	PG-X	Alaska S. S. Co.....	Do.
Kewance.....	KIVC	300,600	PG-X	U. S. S. B.....	Do.
Keystone State..	KDLS	300,600	PG-N	do.....	Do.
Kilkenny.....	KKI	300,450,600	PG-X	Dept. of Com., Bu. of Nav.	Owner of vessel.
K. J. Luckenbach.	KHY	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.....	
Kiowa.....	KRL	300,600	PG-X	Clyde S. S. Co.....	
Kiron.....	KITT	300,600	PG-X	U. S. S. B.....	Do.
Kishacoquillas..	KIFJ	300,600	PG-X	do.....	S. O. R. S.
Kisnop.....	KIJK	300,600	PG-X	do.....	R. C. of A.
Kitchi.....	KITV	300,450,600	PG-X	do.....	S. O. R. S.
Kittogaun.....	KITG	300,600	PG-X	do.....	Do.
Knoxville.....	KIJN	300,600	PG-X	do.....	S. O. R. S.
Kolda.....	KOKX	300,600	PG-X	do.....	R. C. of A.
Kootenai.....	KOGF	300,450,600	PG-X	do.....	Do.
Kosciuszko.....	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 Mur. Marine Co....	I. W. T. Co.
Kuwa.....	WCEE	300,400,600	PG-X	U. S. S. B.....	

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.
Lafcom.....	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.....	WTA..	300,450,600	PG-X	do.....	Do.
Lake Belnona.....	KZIH..	300,600	PG-X	do.....	Do.
Lake Benbow.....	KVAE..	300,600	PG-X	do.....	Do.
Lake Benton.....	KSIU..	300,600	PG-X	do.....	I. W. T. Co.
Lake Berdan.....	KZEE..	300,600	PG-X	do.....	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.....	Do.
Lake Cathoon.....	WLEO..	300,600	PG-X	do.....	R. C. of A.
Lake Catherine.....	KSH..	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.....	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.....	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.....	KLAA..	300,600	PG-X	do.....	R. C. of A.
Lake Dancey.....	KZEO..	300,600	PG-X	do.....	Do.
Lake Deraga.....	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.....	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 Dymmer.....	KZEI..	300,600	PG-X	do.....	Do.
Lake Eckhart.....	KSOE..	300,600	PG-X	do.....	S. O. R. S.
Lake Eliko.....	KTAI..	300,600	PG-X	do.....	Do.
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.....	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 Ellerslic.....	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 Ellsbury.....	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.....	Do.
Lake Elmont.....	KOQG..	300,600	PG-X	do.....	S. O. R. S.
Lake Elmsford.....	KOVG..	300,600	PG-X	do.....	Do.
Lake Elmwood.....	KOZT..	300,450,600	PG-X	do.....	Do.
Lake Elon.....	KOBZ..	300,600	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 Fablus.....	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 Failama.....	KITB	300,600	PG-X	do.....	Do.
Lake Falun.....	KOTR	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 Pandon.....	KOVS	300,600	PG-X	do.....	Do.
Lake Pannin.....	KECN	300,600	PG-X	do.....	Do.
Lake Panquier.....	KEKN	300,600	PG-X	do.....	Do.
Lake Pansdale.....	KEKM	300,600	PG-X	do.....	S. O. R. S.
Lake Parabee.....	KEBP	300,600	PG-X	do.....	R. C. of A.
Lake Parber.....	KIRB	300,600	PG-X	do.....	I. W. T. Co.
Lake Paresman.....	KEVZ	300,600	PG-X	do.....	S. O. R. S.
Lake Parge.....	WLEA	300,600	PG-X	do.....	I. W. T. Co.
Lake Paribault.....	KEDM	300,600	PG-X	do.....	S. O. R. S.
Lake Paristell.....	WLEE	300,600	PG-X	do.....	I. W. T. Co.
Lake Pariston.....	KEDN	300,600	PG-X	do.....	R. C. of A.
Lake Parley.....	KEDP	300,600	PG-X	do.....	S. O. R. S.
Lake Parlin.....	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.....	KISY	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.....	I. W. T. Co.
Lake Feodora.....	KUBT	300,600	PG-X	do.....	Do.
Lake Fernalda.....	KOPB	300,600	PG-X	do.....	Do.
Lake Fernando.....	KELM	300,600	PG-X	do.....	R. C. of A.
Lake Fernwood.....	KDEA	300,600	PG-X	do.....	I. W. T. Co.
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	300,150,600	PG-X	do.....	R. C. of A.
Lake Flagon.....	KINT	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	300,150,600	PG-X	do.....	Do.
Lake Flournoy.....	KUFG	300,150,600	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.....	KFBV	300,600	PG-X	do.....	Do.
Lake Fluvana.....	WLAU	300,600	PG-X	do.....	I. W. T. Co.
Lake Flynnus.....	KFCV	300,600	PG-X	do.....	Do.
Lake Folcroft.....	KEXL	300,600	PG-X	do.....	R. C. of A.
Lake Fonda.....	KEZC	300,600	PG-X	do.....	I. W. T. Co.
Lake Fondulac.....	WSEO	300,600	PG-X	do.....	R. C. of A.
Lake Fontana.....	KFZD	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—
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.....	WCUA	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.....	KESE	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 Friley.....	KEJJ	300,600	PG-X	do	Do.
Lake Francis.....	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.....	WDUU	300,600	PG-X	do	R. C. of A.
Lake Freeland.....	WDUU	300,600	PG-X	do	I. W. T. Co.
Lake Freezout.....	WFOA	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	S. O. R. S.
Lake Friar.....	KEFN	300,600	PG-X	do	do
Lake Frio.....	KEFP	300,600	PG-X	do	Do.
Lake Frohna.....	KEGR	300,450,600	PG-X	do	I. W. T. Co.
Lake Frolono.....	KEGN	300,600	PG-X	do	R. C. of A.
Lake Frugality.....	KEGP	300,600	PG-X	do	Do.
Lake Frumet.....	KIRJ	300,600	PG-X	do	I. W. T. Co.
Lake Fugard.....	WLEU	300,450,600	PG-X	do	Do.
Lake Furlay.....	WMAA	300,600	PG-X	do	R. C. of A.
Lake Furlough.....	KEKJ	300,600	PG-X	do	I. W. T. Co.
Lake Furnas.....	KUTV	300,600	PG-X	do	R. C. of A.
Lake Gadsden.....	KITP	300,600	PG-X	do	I. W. T. Co.
Lake Gaither.....	KOJZ	300,600	PG-X	do	R. C. of A.
Lake Gakona.....	KVOU	300,600	PG-X	do	I. W. T. Co.
Lake Galata.....	KOJJ	300,600	PG-X	do	S. O. R. S.
Lake Galera.....	KXAI	300,600	PG-X	do	R. C. of A.
Lake Galewood.....	KOJX	300,600	PG-X	do	S. O. R. S.
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.....	KNEO	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 Gebbart.....	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 Giltedgo.....	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.....	KINX	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 Gormanin.....	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 Granger.....	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 Gratsls.....	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 Gravit.....	WBUA	300,600	PG-X	do.	Do.
Lake Greenbrier.....	WBUE	300,600	PG-X	do.	S. O. R. S.
Lake Gretna.....	WBUI	300,600	PG-X	do.	R. C. of A.
Lake Grogan.....	WBUE	300,600	PG-X	do.	Do.
Lake Gunni.....	KUNC	300,600	PG-X	do.	Do.
Lake Haresti.....	KUGN	300,450,600	PG-X	do.	S. O. R. S.
Lake Harminia.....	KUNB	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 Ikatan.....	KUCM	300,450,600	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.....	KHVV	300,600	PG-X	International Coal Trans. Corp.	Do.
Lake Kytlle.....	WCOU	300,600	PG-X	U. S. S. B.	Do.
Lakekland.....	WDL	300,600	PG-X	Tri-State S. S. Co.	R. C. of A.
Lake Larfa.....	KMUE	300,600	PG-X	U. S. S. B.	S. O. R. S.
Lake Lasang.....	KMUA	300,600	PG-X	do.	Do.
Lake Ledan.....	KTU	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 Lilliusun.....	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 Otsuago.....	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 Pepin.....	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	FG-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.....	KUQM	300, 450, 600	PG-X	do.....	R. C. of A.
Latham.....	KUKR	300, 450, 600	PG-X	do.....	S. O. R. S.
Latouche.....	WAI	300, 600	PG-X	do.....	R. C. of A.
Laurel.....	WTUE	300, 600	PG-N	Alaska S. S. Co.	I. W. T. Co.
Lavada.....	KDFV	300, 450, 600	PG-X	U. S. S. B.....	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.
Lenape.....	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, 800	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.....	KUJX	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.....	KDIU	300, 600	PG-X	U. S.-Mexico Oil Corp.	Do.
Limon.....	KDRU	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.
Luxpallio.....	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.
Mangore.....	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.....	KQVD	300, 450, 600	PG-X	U. S. S. B.	S. O. R. S.
Maracalbo.....	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	do.	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.	KOCF	300, 600	PG-N	do.	Do.
Martha.....	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.....	KMIH	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.
Matinicoek.....	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	do.	Compania de Tabocas del Fill.	Owner of vessel.
Maudie F.....	KDBK	300, 600	P-X	E. D. Burge	Do.
Maul.....	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.
Meanticut.....	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.....	KDID	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.....	KODI	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	600, 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. Cd.
Milwaukee.....	KEXS	300, 600	PG-X	Grand Trunk Car Ferry Line..	
Milwaukee Bridge.	KIBF	300, 450, 600	PG-X	U. S. S. B.....	R. C. of A.
Mindoro.....	KDRS			Philippine Insular Governm't.	
Mineola.....	KSEE	300, 450, 600	PG-X	Grace S. S. Co.....	Do.
Minnehaha.....	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.....	
Minnesota.....	WMI	300, 450, 600	PG-N	Atlantic Transport Co.....	Do.
Minnesota.....	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.....	
Mojave.....	WJEA	300, 600	PG-X	do.....	
Moline.....	KEYN	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.
Moncola.....	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.
Montracon.....	KUQZ	300, 600	PG-X	Independent S. S. Co.....	
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.....	
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.
Moosahausic.....	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.
Mosalla.....	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.....	
Mount Baker.....	KYD	300, 600	PG-X	Gaston, Williams & Wigmore S. S. Corp.	Do.
Mount Carroll.....	KDQT	300, 600	PG-N	Shawmut S. S. Co.....	
Mount Clay.....	KDBX	300, 450, 600, 1800	PG-X	Amer. S. & Com. Nav. Corp..	Owner of vessel.
Mount Clinton.....	KDRV	300, 600	PG-N	Shawmut S. S. Co.....	
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. & Wigmore 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..	
Mount Sterling.....	WGW	300, 600	PG-X	do.....	R. C. of A.
Mount Summit.....	WPI	300, 600	PG-X	do.....	
Mount Vernon.....	KDCZ	300, 600	PG-N	U. S. S. B.....	
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—
Mundatta	KUF	300,450,600	PG-X	Munson S. S. Line	R. C. of A.
Mumndies	KVE	300,600	PG-X	do.	Do.
Munisia	KJO	300,450,600	PG-X	Munisia S. S. Corp.	Do.
Munplace	KUG	300,450,600	PG-X	Munson S. S. Line	Do.
Munrio	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.	Do.
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	300,450,600	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.
Naamhok	KDNE	300,600,1400	PG-X	U. S. S. B.	S. O. R. S.
Nacata	KDMI	300,600,1800	PG-X	do.	Do.
Nacopdoches	KKIU	300,600	PG-N	do.	
Nacoochee	KFP	300,450,600	PG-N	Ocean S. S. Co.	R. C. of A.
Naiwa	WCU	300,450,600	PG-X	U. S. S. B.	Do.
Namasket	KDMI	300,600	PG-X	do.	
Nameaug	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	KDII	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.
Natirar	KDKM	300,450,600, 1400	PG-X	do.	
Naugus	KUPS	300,450,600	PG-X	do.	R. C. of A.
Nawitka	KELZ	300,600	PG-X	do.	
Neabsco	KEKV	300,450,600	PG-X	Nacirema S. S. Corp.	
Nedmar	KTKM	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	KNSR	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	KZK	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	KOQX	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	KDGZ	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, 800	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. Fruenaufl.	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.....	KDTI	525,600	.....	Vincent Astor.....	.....
Nucess.....	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., .....	.....
Oakland.....	KMOO	300,600	PG-N	U. S. S. B.	I. W. T. Co.
Occidental.....	KOSJ	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	.....	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.
Oilium.....	WTD	300,600,1800	PG-X	Union Oil Co.	F. T. Co.
Oneco.....	KZUI	300,600	PG-N	U. S. S. B. ....	.....
Oneida.....	KDJO	300,600	PG-X	Independent S. S. Co. ....	.....
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.....	WPK	300,450,600	PG-X	Port of Portland, Oreg.	Do.
Onondaga.....	KDJR	300,600	PG-X	Independent S. S. Co. ....	.....
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. ....	.....
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.
Osage.....	WJU	300,450,600	PG-X	do.....	Moore & McCormack.
Osakis.....	WFOI	300,600	PG-X	do.....	R. C. of A.
Osaquamsick.....	KEVN	300,600	PG-X	do.....	S. O. R. S.
Osawatomie.....	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.
Oskalooza.....	WJII	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	300,450,600	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.
Ourcuj.....	KDMF	300,600	PG-N	U. S. S. B. ....	.....
Outagamie.....	KULS	300,600	PG-X	Standard Oil Co. ....	.....
Overbrook.....	KLAE	300,600	PG-X	U. S. S. B. ....	.....
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. ....	.....
Ozaukee.....	W X A A	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	do.....	Owner of vessel.
Pachet.....	KDCH	300,600	PG-N	U. S. S. B.	S. O. R. S.
Pagansay.....	KQCG	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.
Panoil.....	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	Sun Co.....	R. C. of A.
Paraiso.....	WRI	300, 600	PG-X	Oliver J. Olsen.....	Owner of vessel.
Parismina.....	KDG	300, 600	PG-N	United Fruit Co.....	T. R. T. Co.
Parksville.....	KIZG	300, 600	PG-X	U. S. S. B.....	
Parthian.....	WCE	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.
Pearldon.....	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.....	KME	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.
Pequonock.....	KXP	300, 550, 600	PG-N	New England S. S. Co.....	I. R. T. Co.
Pequot.....	WLY	300, 600	PG-X	U. S. S. B.....	R. C. of A.
Peralta.....	KDMJ	300, 600	PG-X	do.....	
Pere Marquette.....	WDA	300, 600	PG-X	Pere Marquette R. R. Co.....	Do.
Pere Marquette 7.....	KJNL	300, 600	PG-X	do.....	Do.
Pere Marquette 18.....	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.....	KTN	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.....	KEXT	300, 475, 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.
Philip Publiker.....	KDEW	300, 600	PG-X	Publiker 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.....	
Pilgrim.....	KURS	300, 600	PG-N	Chic., Racine & Mil. S. S. Co.....	Do.
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.....	KUSL	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.....	KEVQ	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.....	WJEL	300, 600	PG-X	U. S. S. B.....	I. W. T. Co.
Playa.....	KDTE	300, 600	PG-X	Union Oil Co.....	
Pleiades.....	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.....	Do.
Porto Rico.....	WJG	300, 600	PG-N	do.....	R. C. of A.
Portsmouth.....	KOJV	300, 600	PG-N	do.....	I. W. T. Co.
Potomac.....	KOKN	300, 450, 600	PG-N	do.....	R. C. of A.
Potter.....	KDFC	300, 600	PG-X	do.....	Do.
Poughkeepsie.....	KEZZ	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, 450, 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, 450, 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.....	R. C. of A.
Pulaski.....	KUQL	300, 600	PG-X	do.....	Do.
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.
Pythou.....	WNIO	300, 600	PG-X	do.....	Do.
Quaker City.....	KOZL	300, 600	PG-X	do.....	S. O. R. S.
Quabbin.....	KUZJ	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.
Quitconck.....	WREI	300, 600	PG-X	do.....	I. W. T. Co.
Quitucas.....	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. & X.....	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, 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.
Richconal.....	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	KIJJ	300, 600	PG-X	U. S. S. B.	S. O. R. S.
Sacandaga	KESC	300, 600	PG-X	do.	R. C. of A.
Saccarappa	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.
Sagaporack	KZIU	300, 600	PG-X	do.	I. W. T. Co.
Sag Harbor	WP AE	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	R. C. 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 Luísa	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	WBF	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	800, 600	PG-X	U. S. Steel Products Co.	Do.
Santa Tecla	KNEE	300, 600	PG-X	Grace S. S. Co.	Do.
Santa Teresa	WLJA	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.
Sapirero	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.	T. R. T. Co.
Saramacca	KLH	300, 600	PG-N	United Fruit Co.	I. W. T. Co.
Sarcoixie	WLAA	300, 600	PG-X	U. S. S. B.	R. C. of A.
Sartaria	KIDC	300, 600	PG-X	do.	Do.
Satsuma	KJI	300, 600	PG-N	Barber & Co.	R. C. of A.
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.
Schoodie	KIDQ	300, 600	PG-X	do.	I. W. T. Co.
Schroon	KIJM	300, 600	PG-X	do.	Do.
Schuykill 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	-----
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	KDSO	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.	-----
Sebnac	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.
Seelandee	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.	-----
Selma City	KDRJ	300, 450, 600	PG-X	U. S. Steel Products Co.	Do.
Seminole	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.	-----
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.
Shicksiminy	KIZP	300, 600	PG-X	U. S. S. B.	I. W. T. Co.
Shipping Board vessels (general call).	KSBV	-----	-----	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.
Shiala	WFI	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.	-----
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 Shaughnessy	WFV	300, 600	PG-X	Jenkins S. S. Co.....	Do.
Siskiyou.....	KDAS	300, 600	PG-X	E. K. Wood Lumber Co.....	Owner of vessel.
Sixaola.....	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.....	WTH	300, 450, 600	PG-X	.....do.....	Do.
Socony 92.....	WCOI	300, 450, 600	PG-X	.....do.....	Do.
Socony 94.....	WTO	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.....	WDA	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.....	KOQM	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'ng 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 & Thurlow 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.....	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—
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.
Stormco	KURZ	300,600	PG-X	Submarine Boat Corp.	R. C. of A.
Sucrosa	KNS	300,450,600	PG-X	Cuba Distilling Co.	Do.
Sucubaco	KDQL	300,600	PG-X	Submarine Boat Corp.	Do.
Sudawsonco	KDFJ	300,450,600	PG-X	do.	Transmarine Corp.
Sudbury	KRZ	300,450,600	PG-X	Shawmut S. S. Co.	R. C. of A.
Suduffco	KDDO	300,600	PG-X	Submarine Boat Corp.	Do.
Sudurco	KDEY	300,450,600	PG-X	do.	Transmarine Corp.
Suedco	KUSB	300,600	PG-X	do.	R. C. of A.
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.	Do.
Suholco	KUZF	300,450,600	PG-X	do.	Transmarine Corp.
Sujameco	KDLF	300,600	PG-X	do.	Do.
Sujerseyco	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.
Sunelseco	KUSC	300,450,600	PG-X	Submarine Boat Corp.	Transmarine Corp.
Sunewarkco	KDNI	300,600	PG-X	do.	Do.
Sunnewco	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.
Sunnil	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.
Sunphenco	KDRP	300,600	PG-X	do.	Do.
Suportco	KUZK	300,600	PG-X	do.	R. C. of A.
Suraiico	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.
Rusherico	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.
Sutermerco	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.
Sutranisco	KUZG	300,600	PG-X	do.	R. C. of A.
Suwarinco	KDLD	300,600	PG-X	do.	Do.
Suwied	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.
Swiftagle	KDRK	300,450,600	PG-X	do.	Do.
Swiftlight	KDSA	300,450,600	PG-X	do.	Do.
Swift Scout	KDOV	300,450,600	PG-X	do.	Do.
Swiftstar	KDFF	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	KSK	300,450,600	PG-X	Standard Transportation Co.	Do.
Syros	KDEC	300,600	PG-X	U. S. S. B.	S. O. R. S.
Tamesi	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.
Tashmoo	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	WJF	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.

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.....	KEDZ	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..	KDSJ	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.
Thorbred.....	KYZ	300, 600	PG-X	Dutée 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.....	KUXL	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.
Toillard.....	KEVX	300, 600	PG-X	.....do.....	Do.
Tolo.....	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.....	KOXJ	300, 600	PG-X	.....do.....	I. W. T. Co.
Tonesit.....	KOXK	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.
Tormenter.....	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.....	300, 600.
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.....	KNÖ	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.....	Do.
Tuladi.....	KONL	300, 450, 600	PG-X	.....do.....	S. O. R. S.
Tulsa.....	KIXR	300, 600	PG-X	.....do.....	R. C. of A.
Tulsages.....	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.....	
Tvee.....	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	P-X	France & Canada S. S. Co.....	
Ungeoi.....	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.
Utarearhon.....	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.
Vala.....	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....	KDRAK	300, 600	PG-X	Fish Cannery Co.....	S. O. R. S.
Vancouverite.....	KDRG	300, 450, 600	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Vclero.....	WHV	300, 600	PG-X	G. Allan Hancock.....	Owner of vessel.
Venetia.....	WOV	300, 600	PG-X	John D. Spreckles.....	Do.
Venezuela.....	WRG	300, 600, 1800	PG-N	Pacific Mail S. S. Co.....	F. T. Co.
Ventura.....	WHL	300, 450, 600	PG-N	Oceanic S. S. Co.....	Do.
Vesta.....	KTS	300, 450, 600	PG-X	Standard Oil Co.....	R. C. of A.
Vicksburg.....	KDSC	300, 600	.....	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-Hawaiian S. S. Co.	Owner of vessel.
Vittorio Emmanuele III.	KDJF	300,600	PG-X	U. S. S. B.....	R. C. of A.
Viscaya.....	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.....	R. C. of A.
Wabash.....	WNC	300,600	PG-X	French-American Line	R. C. of A.
Wachusett.....	WJL	300,600	PG-X	U. S. S. B.....	Do.
Wasco.....	KIRP	300,600	PG-X	do.....	S. O. R. S.
Wacoona.....	KDLM	300,450,600,	PG-X	do.....	Do.
		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.
Walula.....	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.....	KUPT	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.
Watowai.....	WDH	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.
Waxahachie.....	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 Alcoa.....	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 Apaum.....	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 Cavaual.....	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	300,476,600	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 Cohas.....	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	300,476,600	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.....	KDJK	300,600	PG-X	do.....	S. O. R. S.
West Durfee.....	KJAI	300,378,600	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.....	WKEI	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	300,378,600	PG-N	do.....	I. W. T. Co.
Western Hero.....	KIU	300,450,600	PG-X	do.....	S. O. R. S.
Western Hope.....	WFLA	300,600	PG-X	do.....	R. C. of A.
Western King.....	WEP	300,600	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.....	WGT	300,600	PG-X	do.....	I. W. T. Co.
Western Queen.....	WVK	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.....	WVC	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	300,378,600	PG-X	do.....	Do.
West Harcuvar.....	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.....	KEFS	300,600	PG-X	do.....	I. W. T. Co.
West Harshaw.....	KEFV	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 Hesseltine.....	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 Irma.....	KIFB	300,600	PG-X	Imperial Shipping Corp.....	Do.
West Islay.....	KICP	300,600	PG-X	.....do.....	Do.
West Isleta.....	KICQ	300,600	PG-X	.....do.....	Do.
West Islip.....	KIKX	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.....	KOCX	300,450,600	PG-X	.....do.....	R. C. of A.
West Jappa.....	KUKI	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	300,600	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 Lashaway.....	WREA	300,600	PG-N	.....do.....	Do.
West Lewark.....	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 Nohno.....	KEXG	300,600	PG-X	.....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.....	KDQJ	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.....	WFEO	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 Togos.....	KEXJ	300,600	PG-X	do.....	S. O. R. S.
West Totant.....	KEXK	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 Wauna.....	WSUE	300,450,600	PG-X	do.....	S. O. R. S.
West Wauneke.....	WSUI	300,600	PG-X	do.....	I. W. T. Co.
Westwego.....	KGE	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 Zuckler.....	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 Mont- tana.....	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.....	*
Willsolo.....	KUDL	300,600	PG-X	do.....	*
William A. McKen- ney.....	WOM	300,600	PG-X	Crowell & Thuriow S. S. Co.....	
William A. Reiss.....	WNI	300,600	PG-X	Reiss S. S. Co.....	Do.
William A. White- ney.....	KUSS	300,600	PG-X	Whitney Bros. Co.....	Do.
William B. Liv- ingstone.....	KDAQ	300,600	PG-X	Montreal Transit Co.....	Do.
William C. Mather.....	KKUI	300,450,600	PG-X	Cleveland Cliffs Iron Co.....	Do.
William Green.....	WIY	300,450,600	PG-X	Pan-Amier. Petro. & Tr. Co.....	Do.
William H. Doherty.....	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.....	KDGV	300,600	PG-X	U. S. S. B.....	Do.
Williamantic.....	KMIO	300,600	PG-N	do.....	S. O. R. S.
Willpolo.....	KOBM	300,600	PG-X	Williams S. S. Co.....	R. C. of A.
Wilsox.....	WPAO	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.....	WFEE	300,600	PG-X	Castner, Curran & Bullitt.....	Do.
Winfred.....	KTE	300,600	PG-X	Gulf Refining Co.....	I. W. T. Co.
Winnebago.....	KTEI	300,450,525, 600	PG-X	American Transatlantic Co.....	Owner of vessel.
Winneconne.....	KDFY	300,600	PG-X	Winneconne S. S. Corp.....	
Winona.....	KUNV	300,600	PG-X	U. S. S. B.....	R. C. of A.
Winona County.....	KTRZ	300,600	PG-N	do.....	Do.
Winston-Salem.....	KUJS	300,600	PG-X	do.....	S. O. R. S.
Winyah.....	KIMM	300,450,600	PG-X	do.....	Do.
Wisconsin Bridge.....	KIBM	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.
Wiskah.....	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.
Win. F. Herrin.....	WTN	300,600,1800	PG-X	Associated Oil Co.....	F. T. Co.
Wm. 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, 1800	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.
Yucca.....	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.....	WFO	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.
Zavalla.....	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	Agwisun.....	b	KDD	Cartago.....	b
KDAF	Peonic.....	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 Nocus.....	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	Fanhandle 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.....	b
KDBP	Chester Kiwanis.....	b	KDEP	Northville, Mich.....	b
KDBQ	Sutorpco.....	b	KDEQ	Hoboken.....	b
KDBR	Sunewco.....	b	KDER	Carrabulle.....	b
KDBS	Surailco.....	b	KDES	Carplaka.....	b
KDBT	Durango.....	b	KDET	Geo. L. Harvey.....	b
KDBU	Haymon.....	b	KDEV	Gladysbe.....	b
KDBV	Santa Isabel.....	b	KDEW	Philip Publicker.....	b
KDBW	Sawokla.....	b	KDEX	Cody.....	b
KDBX	Mount Clay.....	b	KDEY	Sudurco.....	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.....	b
KDCH	Pachet.....	b	KDFB	New Orleans.....	b
KDCI	Hudson.....	b	KDFC	Potter.....	b
KDCJ	Egeria.....	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	Catahoula.....	b
KDCN	Atlanta of Texas.....	b	KDFH	Tomalva.....	b
KDCO	Houston.....	b	KDFI	Sulanierco.....	b
KDCP	Halo.....	b	KDFJ	Sudawsonco.....	b
KDCQ	Mosella.....	b	KDFK	Suscolanco.....	b
KDCR	Haynie.....	b	KDFM	Manatawny.....	b
KDCS	Hollywoood.....	b	KDFN	Grifco.....	b
KDCU	Palo Alto.....	b	KDFO	Cantigny.....	b
KDCV	Mevania.....	b	KDFP	Glenora.....	b
KDCW	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	KDJK	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	Oneida.....	b
KDFZ	East Hampton.....	b	KDJP	Kiowa.....	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
KDQQ	Elisha Walker.....	b	KDJX	Romagne.....	b
KDQR	Lake Gano.....	b	KDJY	Natchez.....	b
KDQS	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
KDZZ	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	KDKI	Minnekahda.....	b
KDHC	Harvester.....	b	KDKJ	Camden.....	b
KDHD	Edgar F. Coney.....	b	KDKK	Natirar.....	b
KDHF	Old North State.....	b	KDKL	Dinsmore.....	b
KDHG	Pagasset.....	b	KDKM	Maracay.....	b
KDHH	Charles H. Cramp.....	b	KDKN	Lake Gatun.....	b
KDHI	Intrepid.....	b	KDKO	Rodman Swift.....	b
KDHJ	Bibbco.....	b	KDKP	Warbler.....	b
KDHK	Yapalaga.....	b	KDKQ	Willett.....	b
KDHL	Argosy.....	b	KDKR	El Estero.....	b
KDHO	Japan Arrow.....	b	KDKS	Dan F. Hanlon.....	b
KDHP	India Arrow.....	b	KDKT	Argonne.....	b
KDHW	Jva Arrow.....	b	KDKU	W. J. Hanna.....	b
KDHR	J. Fletcher Farrell.....	b	KDKV	Peacock.....	b
KDHS	Wm. Boyce Thompson.....	b	KDKW	Somme.....	b
KDHT	Santa Veronica.....	b	KDKX	Levisa.....	b
KDHU	Lilmae.....	b	KDKY	Charlie Watson.....	b
KDHV	Brush.....	b	KDKZ	Creole State.....	b
KDHW	St. Mihiel.....	b	KDL	Pearldon.....	b
KDIX	A. A. Daugherty.....	b	KDLA	Suwarinco.....	b
KDHY	Eastern Leader.....	b	KDLB	Suwordenco.....	b
KDHZ	Dawn.....	b	KDLC	Sujameco.....	b
KDI	Abangarez.....	b	KDLD	Reaper.....	b
KDIR	Rawlins, Wyo.....	c	KDLE	Franklin K. Lane.....	b
KDIC	Ferris Oil Field, Wyo.....	c	KDLF	Chaumont.....	b
KDID	Medon.....	b	KDLG	Artemis.....	b
KDIF	Hanley.....	b	KDLH	Cuba.....	b
KDIG	Narbo.....	b	KDLI	A. L. Kent.....	b
KDIH	Narcissus.....	b	KDLJ	Wacosta.....	b
KDIJ	Cuprum.....	b	KDLK	Henry S. Grove.....	b
KDIK	West Cussetta.....	b	KDLL	Tuscaloosa City.....	b
KDIL	Griffid.....	b	KDLM	Malita, P. I.....	c
KDIM	George E. Weed.....	b	KDLN	Culion, P. I.....	c
KDIN	Colin H. Livingstone.....	b	KDLO	San Francisco, P. I.....	c
KDIP	Vaba.....	b	KDLP	Sugillenco.....	b
KDIQ	Cedarhurst.....	b	KDLQ	George Pierce.....	b
KDIR	Lake Ontario.....	b	KDLR	Blue Point.....	b
KDIS	Lake Bridge.....	b	KDLS	Marne.....	b
KDIT	Lake Superior.....	b	KDLT	Herman Frasch.....	b
KDIV	Lakeshore.....	b	KDLU	Mary Luckenbach.....	b
KDIW	Lake Weir.....	b	KDLV	Sugarland, Tex.....	c
KDIX	Lakeview.....	b	KDLW	Galveston, Tex.....	c
KDIY	Lake Dunmore.....	b	KDLX	Maracaibo.....	b
KDIZ	Lake George.....	b	KDLY	Eugene V. R. Thayer.....	b
KDJ	San Jose.....	b	KDLZ	Agwisa.....	b
KDJB	Fort George.....	b	KDM	Agwimars.....	b
KDJC	Lakewood.....	b	KDMA	Agwiworld.....	b
KDJD	Lake Traverse.....	b	KDMB	Moffitt.....	b
KDJE	Lake Stirling.....	b	KDMC	Ourcq.....	b
KDJF	Vittorie Emmanuele III.....	b	KDMD	Estrada Palma.....	b
KDJG	Westmount.....	b	KDME	Memnon.....	b
KDJH	Westboro.....	b	KDMF	Namasket.....	b
			KDMG		
			KDMH		
			KDMI		

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

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

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	Turriaba.....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	Nueces.....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 Fraley.....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	Cabegon.....b
KEBD	Abroa.....b	KEJS	West Amarosa.....b
KEBF	Edgefield.....b	KEJT	William M. Mills.....b
KEBM	Lake Giltedge.....b	KEJV	Faraby.....b
KFBN	Lake Girth.....b	KEJX	Transportation.....b
KEBP	Lake Farabee.....b	KEK	San Marcos.....b
KEBQ	West Henshaw.....b	KEKB	Past Wind.....b
KEBR	Lake Strabo.....b	KEKC	Norma.....b
KEBS	Jekyl.....b	KEKD	West Cobalt.....b
KEBT	Nesco.....b	KEKG	Lake Grampian.....b
KEBV	Lake Flushing.....b	KEKJ	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	Neabasco.....b
KECN	Lake Fannin.....b	KEKX	Batanes.....b
KECR	West Tacook.....b	KEKZ	Bluffton.....b
KECS	Duquesne.....b	KEI	Isonomia.....b
KECV	Lake Flynnus.....b	KELB	North Pole.....b
KECX	West Imboden.....b	KELC	Polar Star.....b
KEDG	Kamest.....b	KELG	Buckhannon.....b
KEDJ	Marne.....b	KELK	West Eleajon.....b
KEDK	Onokama.....b	KELM	Lake Fernando.....b
KEDM	Lake Faribault.....b	KEIN	Lake Ferrona.....b
KEDN	Lake Fariston.....b	KEIQ	Prusa.....b
KEDP	Lake Farley.....b	KEIR	Cochin.....b
KEDQ	West Maximus.....b	KEIS	Damacan.....b
KEDR	Western Glen.....b	KEIX	Oyaka.....b
KEDT	West Quechee.....b	KEIZ	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	KENM	Coverun.....b
KEFZ	West Harts.....b	KENN	Cowan.....b
KEG	Rio Grande.....b	KENP	Lake Elkwood.....b
KEGC	Bristol.....b	KENQ	Ballew.....b
KEGF	Eclipse.....b	KENR	Itompa.....b

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

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

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

Call signal.	Station.	Call signal.	Station.		
KGX	Sewalls.....	b	Youngstown.....	b	
KGZ	Juha 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	Wahiawa, 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	Mangore.....	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 Ogden.....	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	Zaremba.....	b	KIKK	Shortsville.....	b
KICV	Gunston Hall.....	b	KIKL	Worcester.....	b
KICZ	Admiral Evans.....	b	KIKM	West Kasson.....	b
KID	Matinicock.....	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	Chattanooga.....	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	Barralton.....	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
KIFB	Koko Head, Hawaii (receiving).....	c	KILX	Monasses.....	b
KIFC	West Irmo.....	b	KILZ	West Cawthon.....	b
KIFD	Hukey.....	b	KIM	Latouche, Alaska.....	c
KIFG	West Cavanal.....	b	KIMB	Tuckanuck.....	b
KIFH	Favorite.....	b	KIMC	Tripp.....	b
KIFJ	Kishacoquillas.....	b	KIMD	Deerlodge.....	b
KIFK	Chautauqua.....	b	KIMG	West Chetac.....	b
KIFL	Delphine.....	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	Pontchartrain.....	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	Babboosc.....	b
KINL	Pere Marquette s.....	b	KITF	Firthcliffe.....	b
KINM	Lehigh.....	b	KITG	Kittegaun.....	b
KINN	West Ison.....	b	KITJ	Innoko.....	b
KINP	West Hepburn.....	b	KITK	Bellbuckie.....	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	Cairo.....	b	KITQ	Lake Singara.....	b
KINX	Davidson County.....	b	KITR	Keshena.....	b
KINZ	Pawtucket.....	b	KITS	Klokee.....	b
KIO	Brynhylda.....	b	KITT	Kiron.....	b
KIP	General W. C. Gorgas.....	b	KITV	Kitchi.....	b
KIPB	Assinippi.....	b	KITX	Williari.....	b
KIPC	Pontia.....	b	KITZ	West Inskip.....	b
KIPD	Walkkill.....	b	KIU	Western Hero.....	b
KIPF	Woodmansie.....	b	KIVB	Minnequa.....	b
KIPG	Doylestown.....	b	KIVC	Kewanee.....	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 Fabius.....	b	KIVM	Lake Fear.....	b
KIPR	S. B. Hunt.....	b	KIVN	Explorer.....	b
KIPS	Geo. H. Jones.....	b	KIVP	Westoil.....	b
KIPV	Luxpalle.....	b	KIVQ	Huguenot.....	b
KIPX	Maiden Creek.....	b	KIVR	Devolente.....	b
KIPZ	Lake Farmingdale.....	b	KIVS	Delfina.....	b
KIQ	Astral.....	b	KIVT	Delisle.....	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 Raritans.....	b
KIQK	Cold Spring.....	b	KIXD	Lackawanna Valley.....	b
KIQM	Nedmac.....	b	KIXF	Abianset.....	b
KIQN	Lake Farragut.....	b	KIXG	Asabeth.....	b
KIQP	Lake Fackler.....	b	KIXJ	Fourth Alabama.....	b
KIQQ	Thala.....	b	KIXK	Lafcomo.....	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	Fluor Spar.....	b	KIXQ	Putnam.....	b
KIR	Eagle.....	b	KIXR	Tulsa.....	b
KIRB	Lake Farher.....	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	Arenas.....	b	KIZB	Delco.....	b
KIRN	Haddon.....	b	KIZC	Bakersfield.....	b
KIRP	Waco.....	b	KIZD	Barthney.....	b
KIRQ	Delavan.....	b	KIZF	Buffalo Bridge.....	b
KIRR	Cambridge.....	b	KIZG	Parksville.....	b
KIRS	John Ena.....	b	KIZJ	Dauperata.....	b
KIRT	Derbyline.....	b	KIZK	Katherine.....	b
KIRV	Lake Fairfax.....	b	KIZL	Avalon.....	b
KIRX	Casper.....	b	KIZM	Lake Flagstaff.....	b
KIRZ	Glen Ridge.....	b	KIZN	Lake Flambeau.....	b
KIS	Marshall, Alaska.....	e	KIZP	Shickshinny.....	b
KISC	Oreus.....	b	KIZQ	Bannack.....	b
KISD	Seattle Spirit.....	b	KIZR	Winona County.....	b
KISF	Wheatland Montana.....	b	KIZS	Vincent.....	b
KISG	Eikridge.....	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	KLAW	Lake Crystal.....	b
KJAI	West Durfee.....	b	KLAU	Lake Winona.....	b
KJAO	West Lianga.....	b	KLIC	Calamares.....	b
KJAU	West Grove.....	b	KLID	Fort Worth.....	b
KJC	Ocoee.....	b	KLE	Zacapa.....	b
KJD	North Land.....	b	KLEA	Lake Mauropas.....	b
KJE	Norlina.....	b	KLEE	Lake St. Regis.....	b
KJEA	Western Ocean.....	b	KLEI	Lake Allen.....	b
KJET	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
KJIH	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	Craster Hall.....	b
KJL	False Pass, Alaska.....	c	KLL	Thompson Falls, Mont.....	c
KLM	West Chero.....	b	KLM	Bantu.....	b
KJN	J. A. Bostwick.....	b	KLO	Santa Rosalia.....	b
KJO	Munisia.....	b	KLOE	Lake Hemlock.....	b
KJOA	Falsh.....	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
KJP	Joseph R. Parrott.....	b	KLR	Crofton Hall.....	b
KJT	Waban.....	b	KLT	Howick Hall.....	b
KJU	Bacol.....	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
KJUU	West Alsek.....	b	KLUO	Lake Ennis.....	b
KJUV	West Apaum.....	b	KLUU	Agarista.....	b
KJW	West Haven.....	b	KLV	S. Mateo.....	b
KJX	O. T. Waring.....	b	KLW	Port Althorp, Alaska.....	c
KJY	Westland.....	b	KLX	Kermanshah.....	b
KJZ	West Point.....	b	KLY	Deepwater.....	b
KKA	Chincha.....	b	KMA	Allianza.....	b
KKA A	Yakutat, Alaska.....	c	KMA A	Admiral Nicholson.....	b
KKAA	Sulzer, Alaska.....	c	KMAI	Catherine D.....	b
KKAE	Nushagak, Alaska.....	c	KMAU	Ampetco.....	b
KKAI	Hawk Inlet, Alaska.....	c	KMB	Amico.....	b
KKAO	Kusslof, Alaska.....	c	KMD	Cristobal.....	b
KKAU	Avondale.....	b	KME	Pennant.....	b
KKB	El Sol.....	b	KMEI	Orizaba.....	b
KKC	Chalmette.....	b	KMEO	Cletus Schneider.....	b
KKD	Comus.....	b	KMEU	Pasadena.....	b
KKE	Topila.....	b	KMF	Egegik, Alaska.....	c
KKEE	Nanking.....	b	KMG	Ekuk, 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	Willimantic.....	b
KKH	El Capitan.....	b	KMIU	W. M. Burton.....	b
KKI	Kilkenny.....	b	KMK	Naknek, Alaska.....	c
KKIU	Nacogoches.....	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	Mahanna.....	b	KMQ	Sherman.....	b
KKQ	El Sud.....	b	KMR	Wellington.....	b
KKR	Creole.....	b	KMS	Ancou.....	b
KKS	El Biglo.....	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	KMCU	George W. Barnes.....	b
KKW	El Valle.....	b	KMCU	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.....c	KODP	Babinda.....b
KMX	Colon.....b	KODQ	Hulaco.....b
KMY	Holden Evans.....b	KODR	Salem County.....b
KMZ	General G. W. Goethals.....b	KODS	Bellemina.....b
KNA	Dorothy Bradford.....b	KODT	Dewey.....b
KNAA	Western Sea.....b	KODV	Hog Island.....b
KNAE	West Cobas.....b	KODX	Dillwyn.....b
KNAI	Western City.....b	KODZ	Ophis.....b
KNAO	Western Chief.....b	KOE	Communpaw.....b
KNAU	Westford.....b	KOF	Castle Town.....b
KNB	Lexington.....b	KOFC	Bellhaven.....b
KNC	Concord.....b	KOFD	Anaconda.....b
KND	Plymouth.....b	KOFF	Auditor.....b
KNE	Clare.....b	KOFG	Sunshine.....b
KNEA	Western Spirit.....b	KOFJ	H. F. Morse.....b
KNEE	Santa Tecla.....b	KOFK	Elkton.....b
KNEU	Wishkah.....b	KOFL	Chepadoa.....b
KNF	Wm. G. Warden.....b	KOFM	Lake Ellithorpe.....b
KNG	Bradford.....b	KOFN	Cockaponset.....b
KNH	Brocton.....b	KOFF	Lake Ellsbury.....b
KNI	De Soto.....b	KOFQ	Lake Elmhurst.....b
KNK	Marica.....b	KOFR	Basford.....b
KNL	Nelson.....b	KOFS	Bascobel.....b
KNM	Millnoeket.....b	KOFT	Bensalem.....b
KNN	Wico.....b	KOFV	Lake Elpueblo.....b
KNO	Trinidadian.....b	KOFX	Cook.....b
KNP	Dayton.....b	KOFZ	Coquitt.....b
KNQ	F. Q. Barstow.....b	KOGB	Independent Bridge.....b
KNS	Sucrosa.....b	KOGC	Lackawanna Bridge.....b
KNU	Currier.....b	KOGD	Moschautic.....b
KNUO	Mazama.....b	KOGF	Kootenai.....b
KNW	Robert M. Thompson.....b	KOGJ	Nockum.....b
KNX	Susana.....b	KOGK	Escambia.....b
KNY	Fred W. Weller.....b	KOGL	West Ira.....b
KNZ	A. C. Bedford.....b	KOGM	Storm King.....b
KOBB	Shannock.....b	KOGN	Brave Coeur.....b
KOBC	Ruby.....b	KOGP	Hadnot.....b
KOBD	Orani.....b	KOGQ	Irvington.....b
KOBF	Vanada.....b	KOGR	Lake Fairport.....b
KOBG	Editor.....b	KOGS	Lake Flatonia.....b
KOBJ	Deroche.....b	KOGT	Lake Flanders.....b
KOBK	West Katan.....b	KOGV	Lake Gebhart.....b
KOBL	Lake Ellijay.....b	KOGX	Merry Mount.....b
KOBM	Willpoto.....b	KOGZ	Commissioner.....b
KOBN	Alameda.....b	KOH	Glenpool.....b
KOBP	Bird City.....b	KOI	Polarine.....b
KOBQ	Gonzalis.....b	KOJ	Ajax.....b
KOBR	Barwick.....b	KOJB	York Harbor.....b
KOBS	Bartolome.....b	KOJD	Sinsinawa.....b
KOBT	Lako Inglenook.....b	KOJF	Montana.....b
KOBV	Baldhill.....b	KOJG	Jacksonville.....b
KOBX	Moshico.....b	KOJJ	Lake Galata.....b
KOBZ	Lake Elon.....b	KOJK	Hanover.....b
KOC	Jamestown.....b	KOJL	Cripple Creek.....b
KOCB	Lake Savus.....b	KOJM	Lake Onawa.....b
KOCC	Epitacio Pessoa.....b	KOJP	Lake Favonia.....b
KOCD	Texarkana.....b	KOJQ	Lake Fitch.....b
KOCF	Nokatay.....b	KOJR	Chickasaw.....b
KOCG	Lake Fiscus.....b	KOJS	Margerie.....b
KOCJ	Aquilo.....b	KOJT	Lake Gallen.....b
KOCK	West Pocasset.....b	KOJV	Portsmouth.....b
KOCL	Elkhorn.....b	KOJX	Lake Galewood.....b
KOCM	Marsodak.....b	KOJZ	Lake Gaither.....b
KOCN	Federal Bridge.....b	KOK	St. Charles.....b
KOCP	Continental Bridge.....b	KOKC	Northern Star.....b
KOCQ	Clark Mills.....b	KOKD	Bellerose.....b
KOCR	John W. Wells.....b	KOKF	Belleplaine.....b
KOCS	Lake Girardeau.....b	KOKG	Moositauke.....b
KOCT	Hercules.....b	KOKK	Iceland.....b
KOCV	West Saginaw.....b	KOKL	Kaweah.....b
KOCX	West Jaffrey.....b	KOKM	Daniel Webster.....b
KOCZ	Lake Ellsworth.....b	KOKN	Potomac.....b
KOD	Jefferson.....b	KOKP	Crisfield.....b
KODB	Nobles.....b	KOKQ	Lake Elrio.....b
KODC	Sunbeam.....b	KOKR	Inspector.....b
KODD	Lake Fisher.....b	KOKS	Lake Gera.....b
KODF	West Caddoa.....b	KOKT	Bethnor.....b
KODG	Sletz.....b	KOKV	Kaleen.....b
KODK	Hathaway.....b	KOKX	Kolda.....b
KODL	Menominee.....b	KOKZ	Lake Fithian.....b
KODN	Endicott.....b	KOL	Mount Hope.....b

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

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

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

Call signal.	Station.	Call signal.	Station.		
KOXM	Vincennes Bridge.....	b	KQJE	Lancaster.....	b
KOXN	Pirate Cove, Alaska.....	c	KQUO	Lake Chelan.....	b
KOKP	Von Steuben.....	b	KQUU	West Gumbo.....	b
KOXQ	Agememnon.....	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	KRA	Freeport Sulphur No. 1.....	b
KOXX	Roanoke.....	b	KRAA	West Coast.....	b
KOXX	Steelmaker.....	b	KRAE	Mauban.....	b
KOXX	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 Romain.....	b
KOZC	Aeolus.....	b	KREE	Gulfport.....	b
KOZD	Rockport.....	b	KREI	Lake Washburn.....	b
KOZF	Tenafly.....	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
KOZZ	Norumbega.....	b	KRO	Brammell Point.....	b
KOZZ	Collamer.....	b	KROE	Arliwa.....	b
KPA	Seattle, Wash.....	c	KROI	Wampum.....	b
KPAA	Point Judith.....	b	KROO	Wassac.....	b
KPAI	Biloxi.....	b	KROU	Garibaldi.....	b
KPD	W. H. Tilford.....	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	Bolinas, 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-	sels).
KQD	Dorchester.....	b	KSC	Chinampa.....	b
KQE	Essex.....	b	KSEA	Absecon.....	b
KQEE	Anoka.....	b	KSEE	Mineola.....	b
KQEO	Lake Charlotte.....	b	KSEI	Eastern Chief.....	b
KQF	Gene Crawley.....	b	KSEU	Jonancy.....	b
KQG	Gloucester.....	b	KSF	Finland.....	b
KQH	Howard.....	b	KSG	Baton Rouge.....	b
KQI	Keresaspa.....	b	KSH	Kroonland.....	b
KQIE	Farnam.....	b	KSI	H. H. Rogers.....	b
KQIH	Santa Olivia.....	b	KSIE	Glen White.....	b
KQIO	Deranof.....	b	KSII	Lake Catherine.....	b
KQIU	West Ekonk.....	b	KSIO	Argonne.....	b
KQJ	Juniata.....	b	KSIU	Lake Benton.....	b
KQK	Kershaw.....	b	KSJ	Security.....	b
KQM	Merrimack.....	b	KSK	Caddo.....	b
KQN	Nantucket.....	b	KSM	Philadelphia.....	b
KQO	Ontario.....	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-	sels).
KQOO	Western Maid.....	b	KSOE	Lake Eckhart.....	b
KQP	Mount Sidney.....	b	KSOI	Lake Wimico.....	b
KQQ	Quantico.....	b	KSOO	Lake Duncan.....	b
KQR	Grecian.....	b	KSOU	Bylayl.....	b
KQS	Washington Bay, Alaska.....	c	KSP	Caloria.....	b
KQU	Ruth E. Merrill.....	b			
KQUA	Allies.....	b			

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

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

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	KUPQ	Ogden, Utah.....	b
KUKG	Anthracite 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	Panoil.....	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 Hixton.....	b	KUQK	West Keats.....	b
KUKX	Collingsworth.....	b	KUQL	Pulaski.....	b
KUL	Louisiana.....	b	KUQM	Las Vegas.....	b
KULB	Pinellas.....	b	KUQN	J. F. Penrose.....	b
KULC	Chickamauga.....	b	KUQP	Unicoi.....	b
KULD	Lake Geysler.....	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	KUQX	Juvinvy.....	b
KULL	Donalk McKay.....	b	KUQZ	Montfaucon.....	b
KULM	Ario.....	b	KUR	Georgia.....	b
KULN	Arizona.....	b	KURB	Hinckley.....	b
KULP	Toopi.....	b	KURC	Cathwood.....	b
KULQ	Pylos.....	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	Lyndonia.....	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
KUMM	West Calera.....	b	KURZ	Suboatco.....	b
KUMN	Portola Plumas.....	b	KUS	Florida.....	b
KUMQ	Commerant.....	b	KUSB	Suedco.....	b
KUMR	Coltraps.....	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 Gunni.....	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
KUPC	Italia.....	b	KUTM	John P. Reiss.....	b
KUPD	Pinthis.....	b	KUTN	Christabel.....	b
KUPF	Eastern Planet.....	b	KUTP	Canco.....	b
KUPG	Hahatonka.....	b	KUTQ	Iroquois.....	b
KUPJ	Greenland.....	b	KUTR	Springfield.....	b
KUPK	West Cahokia.....	b	KUTS	Vacuum.....	b
KUPL	Darden.....	b	KUTT	Birmingham City.....	b
KUPM	Conness Peak.....	b	KUTV	Lake Furnas.....	b
KUPN	Patrick Henry.....	b	KUTX	Richconcal.....	b
	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	KVO	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	KVUU	Lake Gedney.....	b
KUVP	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 Beauclair, Alaska.....	c
KUXP	Dallas, Tex.....	c	KWP	Sunoil.....	b
KUXQ	Wichita Falls, Tex.....	c	KWQ	Saltchuck, Alaska.....	c
KUXR	John Jay.....	b	KWR	Port Moller, Alaska.....	c
KUXS	Agylla.....	b	KWS	Lost Harbor, Alaska.....	c
KUXT	Long Beach, Calif.....	c	KWT	Palo Alto, Calif.....	c
KUXV	Pedrocitas, 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	Enslay City.....	b	KXEE	Lake Marlon.....	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	Callispell.....	b
KVC	Comanche.....	b	KXIU	Lake Calistoga.....	b
KVD	Munrino.....	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
KVIO	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.....	b	WAJ	Jefferson.....	b
KXUE	Eastern Queen.....	b	WAK	Valdez.....	b
KXUI	Lake Lillian.....	b	WAL	Santa Ana.....	b
KXUO	Admiral Sims.....	b	WAM	Juneau.....	b
KXUU	Coyote.....	b	WAN	Northwestern.....	b
KXV	Nelson Lagoon, Alaska.....	c	WAO	Rajah.....	b
KXW	Ikatan, Alaska.....	c	WAP	Lake Crescent.....	b
KXX	Stephen R. Jones.....	b	WAQ	Democracy.....	b
KXY	Lewis K. Thurlow.....	b	WAR	Cordova.....	b
KXZ	Felix Taussig.....	b	WAS	Chester Sun.....	b
KYA	Kanawha.....	b	WAT	Skagway.....	b
KYB	North Wind.....	b	WAU	Point Loma.....	b
KYC	Corsair.....	b	WAV	Philippines.....	b
KYD	Mount Baker.....	b	WAW	Admiral Watson.....	b
KYE	Casiana.....	b	WAX	Bella.....	b
KYF	McClellan.....	b	WAY	Admiral Dewey.....	b
KYH	Aloha.....	b	WAZ	Admiral Schley.....	b
KYK	Karluk, Alaska.....	b	WBA	Santa Clara.....	b
KYL	Alitak, Alaska.....	c	WBAI	Heffron.....	b
KYM	Armenia.....	b	WBB	Santa Cecilia.....	b
KYO	Noma.....	b	WBC	East Moriches, N. Y.....	c
KYP	Oneida.....	b	WBD	Santa Cruz.....	b
KYR	Undaunted.....	b	WBE	Cacique.....	b
KYS	Yosemite.....	b	WBEI	Airline.....	b
KYT	Redondo.....	b	WBF	Boston, Mass.....	c
KYU	Mohawk.....	b	WBG	Venezuela.....	c
KYV	Ascunty.....	b	WBH	Colombia.....	b
KYX	Wana.....	b	WBIA	Chipchung.....	b
KYZ	Thorobred.....	b	WBJ	Santa Barbara.....	b
KZA	Alberta.....	b	WBK	Saucon.....	b
KZAA	Middlebury.....	b	WBM	Redondo.....	b
KZAE	Lake Linden.....	b	WBN	Ecuador.....	b
KZAI	Lake Winthrop.....	b	WBO	Santa Rosa.....	b
KZAO	Lake Wilson.....	b	WBP	Hermosa.....	b
KZAU	Lake Yahara.....	b	WBQ	Santa Paula.....	b
KZB	Alicia.....	b	WBR	Santa Rita.....	b
KZD	Cornelia.....	b	WBUA	Lake Gravity.....	b
KZEA	Keketicut.....	b	WBUF	Lake Greenbrier.....	b
KZEE	Lake Berdan.....	b	WBUI	Lake Greta.....	b
KZEI	Lake Dyer.....	b	WBUO	Lake Grogan.....	b
KZEO	Lake Dancy.....	b	WBUU	Lake Forney.....	b
KZEU	Lake Agomak.....	b	WBV	Cabrillo.....	b
KZF	Edith.....	b	WBW	Burrwood, La.....	c
KZG	Carolyn.....	b	WBX	Santa Ana.....	b
KZH	Helen.....	b	WCA	Tionesta.....	c
KZIA	Lake Aurice.....	b	WCB	Junjata.....	b
KZIE	Lake Winoski.....	b	WCC	Chatham, Mass.....	c
KZII	Lake Belhona.....	b	WCE	Parthian.....	b
KZIO	Lake Liliacusun.....	b	WCEE	Kuwa.....	b
KZIU	Sagaporack.....	b	WCF	Favorite.....	b
KZJ	Jean.....	b	WCG	Brooklyn, N. Y.....	c
KZK	Hilton.....	b	WCH	Huron.....	b
KZL	Halcyon.....	b	WCI	New Port, R. I.....	c
KZO	Margaret.....	b	WCIA	Bellingham.....	b
KZOA	Lake Modford.....	b	WCIE	Eastport.....	b
KZOE	Lake Arline.....	b	WCII	Invincible.....	b
KZOI	Lake Helen.....	b	WCIO	Lake Lemando.....	b
KZOO	Lake Indian.....	b	WCIU	Naiwa.....	b
KZOU	Lake Orange.....	b	WCL	Westchester.....	b
KZP	Evelyn.....	b	WCO	Wyandotte.....	b
KZQ	Ruth.....	b	WCOF	Socony 84.....	b
KZR	Remlik III.....	b	WCOI	Socony 92.....	b
KZS	Santanta.....	b	WCOO	Liberty.....	b
KZT	Everett.....	b	WCOU	Lake Kyttille.....	b
KZU	United States.....	b	WCP	Casco.....	b
KZUI	Oneco.....	b	WCR	The Harvester.....	b
KZUF	Kosciuszko.....	b	WCS	Alpena.....	b
KZUU	Lake Louise.....	b	WCT	Theodore Roosevelt.....	b
KZV	Malden.....	b	WCU	Conneaut.....	b
KZW	Melrose.....	b	WCUA	Lake Forsby.....	b
KZX	Newton.....	b	WCUE	Lake Fossil.....	b
WAA	Alameda.....	b	WCUO	Lake Franconia.....	b
WAB	Saugerties.....	b	WCUU	Lake Fray.....	b
WAC	Chicago.....	b	WCV	The Limit.....	b
WAD	Victoria.....	b	WCW	Woonsocket.....	b
WAE	Ketchikan.....	b	WCX	Cleveland, Ohio.....	c
WAF	Admiral Farragut.....	b	WCY	Cape May, N. J.....	c
WAG	Admiral Sebree.....	b	WCZ	Illinois.....	b
WAH	Dora.....	b	WDA	Pere Marquette.....	b
WAI	Latouche.....	b	WDAO	Herman Winter.....	b

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

Call signal.	Station.	Call signal.	Station.	
WDB	Pere Marquette 19.....	b	Lake Butler.....	b
WDC	Pere Marquette 17.....	b	Hickman.....	b
WDD	Pere Marquette 18.....	b	Lewis Luckenbach.....	b
WDE	Pere Marquette 20.....	b	Osakis.....	b
WDEI	Crawl Keys.....	b	William N. Page.....	b
WDEO	Steadfast.....	b	Phoenix Bridge.....	b
WDEU	Bayamo.....	b	City of Erie.....	b
WDF	Astmahco IV.....	b	City of Buffalo.....	b
WDG	Otsego.....	b	State of Ohio.....	b
WDH	Petoskey.....	b	Secandbee.....	b
WDI	City of Miami.....	b	Charles O. Jenkins.....	b
WDIA	South Pole.....	b	F. B. Squire.....	b
WDIE	Watbens.....	b	Lake Freezeout.....	b
WDII	Watnwan.....	b	Lake Frenchton.....	b
WDIO	Westmead.....	b	A. E. R. Schneider.....	b
WDIU	West View.....	b	Oshkosh.....	b
WDJ	Fall River Mills, Calif.....	c	Sir Thomas Shaughnessy.....	b
WDK	Susanville, Calif.....	c	Manitou.....	b
WDL	Lakeland.....	b	Missouri.....	b
WDN	Ann Arbor No. 3.....	b	Sialla.....	b
WDO	Ann Arbor No. 4.....	b	Coronado.....	b
WDOA	Agwidale.....	b	City of Seattle.....	b
WDOE	Auburn.....	b	Englewood.....	b
WDOI	Cape May.....	b	Galesburg.....	b
WDOO	Federal.....	b	Morristown.....	b
WDOU	Fort Wayne.....	b	Shreveport.....	b
WDP	Ann Arbor No. 5.....	b	Astmahco III.....	b
WDQ	Ann Arbor No. 6.....	b	W. F. White.....	b
WDR	Detroit, Mich.....	c	Oregon.....	b
WDS	City of Grand Rapids.....	b	Spokane.....	b
WDU	Puritan.....	b	Easterner.....	b
WDAU	Lake Frazee.....	b	East Indian.....	b
WDUI	Lake Freeborn.....	b	Tuckerton, N. J.....	c
WDUO	Lake Freed.....	b	West Grama.....	b
WDUU	Lake Freeland.....	b	Nantahala.....	b
WDV	City of Benton Harbor.....	b	Northland.....	b
WDX	Lake Tulare.....	b	Curacao.....	b
WEA	City of Cleveland III.....	b	Carl D. Bradley.....	b
WEB	City of Mackinac II.....	b	Chicago, Ill.....	c
WEC	City of Detroit II.....	b	Polar Bear.....	b
WED	Western States.....	b	Saccarappa.....	b
WEE	Eastern States.....	b	Waubesa.....	b
WEF	City of Detroit III.....	b	West Cressy.....	b
WEG	City of St. Ignace.....	b	President.....	b
WEH	City of Alpena II.....	b	City of Puebla.....	b
WEI	E. J. Earling.....	b	Senator.....	b
WEJ	Samuel Mitchell.....	b	Western Pride.....	b
WEK	Minnesota.....	b	Oskawa.....	b
WEL	C. A. Smith.....	b	Brandywine.....	b
WEM	Susquehanna.....	b	Mount Sterling.....	b
WEN	North American.....	b	Queen.....	b
WEO	South American.....	b	Guardian.....	b
WEP	Western King.....	b	New York, N. Y.....	c
WEQ	Montrillite.....	b	Columbia.....	b
WER	Puget Sound.....	b	Philadelphia, Pa.....	c
WES	Point Adams.....	b	Callao.....	b
WET	West Gotomska.....	b	W. F. Burrows.....	b
WEU	Western Star.....	b	Mount Shasta.....	b
WEX	Marquette & Bessemer No. 2.....	b	New York, N. Y.....	c
WEZ	Ashtabula.....	b	Gdansk.....	b
WFA	Georgia.....	b	Ventura.....	b
WFAE	West Galeta.....	b	Sonoma.....	b
WFAI	West Hobomac.....	b	Point Arena.....	b
WFAO	Volunteer.....	b	Abner Coburn.....	b
WFB	Alabama.....	b	Stanley Dollar.....	b
WFC	Indiana.....	b	Whittier.....	b
WFE	Carolina.....	b	Velero.....	b
WFEA	Eastern King.....	b	Humboldt.....	b
WFEI	Winding Gulf.....	b	Johanna Smith.....	b
WFEU	West Hosokie.....	b	Silver Shell.....	b
WFO	Westport.....	b	Gold Shell.....	b
WFOU	Matanzas.....	b	Pearl Shell.....	b
WFF	Franklin.....	b	Charles E. Harwood.....	b
WFG	Arizona.....	b	Edward L. Doheny.....	b
WFH	Avalon.....	b	Herbert G. Wylie.....	b
WFIA	Western Hope.....	b	Norman Bridge.....	b
WFII	Major Wheeler.....	b	C. A. Canfield.....	b
WFJ	Christopher Columbus.....	b	(New Brunswick, N. J. (transmitting)).....	c
WFL	Lake Arthur.....	b	(Belmar, N. J. (receiving)).....	c
WFN				
WFOA				
WFOE				
WFOI				
WFOO				
WFOU				
WFP				
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WIH				
WII				

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	Absaroka
WIU	Restorer	WKZ	Canoga
WIV	Oscar D. Bennett	WLA	Benj. F. Packard
WIW	J. M. Danziger	WLA A	Sarcozie
WIX	Harold Walker	WLA E	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 Farnstell
WJC	Mount Seward	WLEI	Lake Forkville
WJEA	Mojave	WLEO	Lake Cathoon
WJEE	Red Cloud	WLEU	Lake Fugard
WJEI	Plainfield	WLF	Coosa
WJEO	Phoenix	WLG	Yucatan
WJF	Teresa	WLH	Fort Brage
WJG	Porto Rico	WLI	Westbrook
WJIA	West Zucker	WLIA	Santa Teresa
WJIE	Gumba	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 Elcasco	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	Ampbion	WLW	Ida
WJU	Osage	WLX	Pequot
WJUI	Cohasset	WLY	Poznam
WJUO	Magunkook	WLZ	Montpelier
WJV	Guaro	WMA	Multnomah
WJW	Wyandotte	WMAA	Lake Furley
WJZ	Newark, N. J.	WMAE	Cowanshannock
WKA	Alaskan	WMAI	Cowboy
WKA E	Socony 85	WMAO	Cowee
WKAI	Lake Zaliski	WMD	West Shore
WKAO	Lake Pickaway	WMEA	Costilla
WKAU	Lake Copley	WME E	Cote Blanche
WKB	Arizonan	WMEI	Cotopaxi
WKD	Dakotan	WMEO	Cottonplant
WKE	Kentuckian	WMEU	Cottonwood
WKEA	Lake Deval	WMF	Cello
WKEE	Lake Cahoon	WMG	Wapama
WKEI	Lake Ypsilanti	WMI	Minnesota
WKEO	Goodspeed	WMIO	W. H. McGean
WKF	Amerion	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	Wilhelmina
WKK	Isaac L. Rice	WMOA	Tillamook
WKL	Mexican	WMP	Matsonia
WKM	Minnesotan	WMQ	Manoa
WKO	Oregonian	WMR	Maul
WKO O	Connors' ille	WMS	Wahkeena
WKOU	Central American	WMT	Point Bonita
WKP	Pennsylvanian	WMUA	Wheaton
WQQ	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.....b	WQD	Hisko.....b
WNAA	Crainceek.....b	WQE	Harvey H. Brown.....b
WNAE	Cranenest.....b	WQEA	Lithopolis.....b
WNAI	Craycroft.....b	WQEE	Everglades.....b
WNAO	Lake Callicoon.....b	WQEO	West Zulia.....b
WNAU	Lake Fresco.....b	WQEU	Cambas.....b
WNB	El Capitan.....b	WQF	Harry W. Croft.....b
WNC	Wabash.....b	WQG	Fayette Brown.....b
WND	Windber.....b	WQH	M. A. Bradley.....b
WNE	Nushagak.....b	WQI	Costa Rica.....b
WNEA	Lake Charlottesville.....b	WQIA	Mexoli.....b
WNEO	Dio.....b	WQII	Holbrook.....b
WNF	Hattie Luckenbach.....b	WQIO	Neponset.....b
WNG	Otto M. Reiss.....b	WQJ	Sarah Woems.....b
WNH	Clemens A. Reiss.....b	WQOA	Tipton.....b
WNI	William A. Reiss.....b	WQOE	Garfield.....b
WNIE	Agawam.....b	WQOI	Tolo.....b
WNII	Challenger.....b	WQQ	Rappahannock.....b
WNIO	Python.....b	WQR	Nansemond.....b
WNIU	Cornucopia.....b	WQS	Artemis.....b
WNK	Richard J. Reiss.....b	WQT	Watauga.....b
WNL	Lake St. Clair.....b	WQU	Cuba.....b
WNM	Florence Luckenbach.....b	WQUA	Cokesit.....b
WNN	Belfast, Me.....c	WQUE	Edgecombe.....b
WNP	Pleiades.....b	WQUO	Iconium.....b
WNQ	Frederic Ewing.....b	WQUU	Jacona.....b
WNR	Rush.....b	WQW	Jeannette Skinner.....b
WNS	Kvichak.....b	WQZ	West Eagle.....b
WNU	New Orleans, La.....c	WRA	O. A. Hermanson.....b
WNUO	Brookdale.....b	WRAE	Alabama.....b
WNV	Hatteras.....b	WRAI	Allegheny.....b
WNW	San Ramon.....b	WRB	Berlin.....b
WNX	Peter Reiss.....b	WRC	Silverado.....b
WNY	New Brunswick, N. J.....c	WRD	D. G. Scofield.....b
WNZ	F. J. Luckenbach.....b	WRE	J. A. Moffett.....b
WOA	Admiral Rodman.....b	WREA	West Lashaway.....b
WOD	Beaumont, Tex.....c	WREE	Wauconda.....b
WOF	Horace X. Baxter.....b	WREI	Quistconck.....b
WOG	Fred Baxter.....b	WREO	Zirkel.....b
WOJ	Iris.....b	WREU	Governor John Lind.....b
WOL	Los Angeles.....b	WRF	Amella.....b
WOM	William A. McCanney.....b	WRG	Annetta.....b
WON	La Brea.....b	WRH	Harvard.....b
WOP	Lake Elizabeth.....b	WRI	Paraiso.....b
WOT	Coalinga.....b	WRIE	Lake Gorin.....b
WOW	Venetia.....b	WRIO	Star I.....b
WOX	Henry J. Biddle.....b	WRJ	Admiral Goodrich.....b
WOY	Levi G. Burgess.....b	WRN	Siboney.....b
WPAE	Queen II.....b	WRO	Middlesex.....b
WPAI	Sag Harbor.....b	WROA	Westpool.....b
WPAO	Yomachichi.....b	WROE	Indianapolis.....b
WPC	Wilcox.....b	WROI	Lydia.....b
WPE	Tyce.....b	WROO	E. L. Doheny, 3rd.....b
WPH	Tatoosh.....b	WRS	Suffolk.....b
WPI	S. M. Fischer.....b	WRUO	Quittacas.....b
WPIE	Independent.....b	WRV	Alliance.....b
WPII	Corrales.....b	WRX	Ozama.....b
WPIO	Corsicana.....b	WRY	Yale.....b
WPIU	Lake Fostoria.....b	WRZ	Rainier.....b
WPJ	Lake Fouché.....b	WSA	East Hampton, N. Y.....c
WPK	Mount Summit.....b	WSAE	Apalachee.....b
WPL	Florence Olson.....b	WSAO	Alabat.....b
WPL	Seafarer.....b	WSC	Siasconset, Mass.....c
WPN	Pioneer.....b	WSD	Redwood.....b
WPOO	Washenaw.....b	WSE	New York, N. Y. (see Babylon).....c
WPOU	Charles M. Everest.....b	WSEA	Defiance.....b
WPP	Zapora.....b	WSEE	W. L. Steed.....b
WPR	Ensenada, P. R.....c	WSEI	Cricket.....b
WPS	Starr.....b	WSEO	Lake Fondulac.....b
WPUE	Caddopeak.....b	WSEU	Lake Buckeye.....b
WPUI	Callabassas.....b	WSF	Admiral Wainwright.....b
WPUO	Cascade.....b	WSG	Norwood.....b
WPUU	Coaxet.....b	WSI	Santa Inez.....b
WPV	H. M. Whitney.....b	WSJ	Santa Alicia.....b
WPW	James S. Whitney.....b	WSK	New York, N. Y.....c
WPX	Oneonta.....b	WSM	Fair Oaks.....b
WPY	Wailula.....b	WSO	(Marion, Mass. (transmitting); Chatham, Mass. (receiving)).....c
WQAU	Hoosac.....b		

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	Courtols.....	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 Wauneke.....	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	WWL	San Jose.....	b
WTEU	Coperas.....	b	WWM	San Juan.....	b
WTF	Westwood.....	b	WWN	Mongolia.....	b
WTG	Santa Rita.....	b	WWP	Ausable.....	b
WTH	Westlake.....	b	WWR	Rose City.....	b
WTII	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	WZEE	Maruba.....	b
WTVW	Ossineke.....	b	WZEU	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 Gratis.....	b
WVAE	Corapeak.....	b	WZOI	Lake Grattan.....	b
WVAI	Corcoran.....	b	WZOO	Lake Gravella.....	b
WVAO	Conotton.....	b	WZOU	Lake Gravett.....	b
WVAU	Contocook.....	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.	Service.	Station controlled by—
Alpens, Mich.....	NSM	600, 1200	PG	U. S. Navy.
Ambrose Channel Light Vessel.....	NALS	600	O	Do.
Anacostia, D. C.....	NSF	507, 600, 2250	O	Do.
Annapolis, Md.....	NSS	17145	O	Do.
Astoria, Oreg.....	NUZ	4525, 5000	O	Do.
Atka Island, Alaska.....	WJI	900	O	U. S. Department of Interior.
Balboa, C. Z.....	NBA	600, 975, 2250, 2400, 3950, 10110	PG	U. S. Navy.
Baltimore, Md.....	NBZ	600, 700	PG	Do.
Bar Harbor, Me.....	NBD	600, 975, 2400, 2750, 3700, 3950	PG	Do.
Belleville, Pa.....	WWQ	3450, 3800	O	Post Office Department.
Blunts Reef Light Vessel.....	NACT	600	O	U. S. Navy.
Boston, Mass.....	NAD	600, 975, 2250, 3950, 5000	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	600, 975, 1820	PG	Do.
Cape Lookout Shoals Light Vessel.....	NABV	600	O	Do.
Cape Mala, Panama.....	NNT	600, 1908	PG	Do.
Cape May, N. J.....	NSD	507, 600, 975, 1688, 2750	O	Do.
Cavite, P. I.....	NPO	600, 975, 2400, 2700, 3950, 5200, 12100	PG	Do.
Cayey, P. R.....	NZR	10510	O	Do.
Charleston, S. C.....	NAO	600, 975, 2250, 2400, 3950, 4800	PG	Do.
Charleston Light Vessel.....	NAZJ	600	O	Do.
Chatham, Mass.....	NXA	507, 600, 975, 1988	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	600, 1080, 2400, 3250	PG	U. S. Navy.
Cleveland, Ohio.....	WVO		O	Post Office Department.
Coco Solo, C. Z.....	NNL	507, 600, 2750	O	U. S. Navy.
College Park, Md.....	WWX	3550, 3800	O	Post Office Department.
Colon, C. Z.....	NAX	600, 975, 1620	PG	U. S. Navy.
Columbia River Light Vessel.....	NAJT	600	O	Do.
Cordova, Alaska.....	NPA	600, 975, 2400, 2700, 3950, 5950, 7500	PG	Do.
Cornfield Point Light Vessel.....	NASC	600	O	Do.
Craig, Alaska.....	WYO	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	600, 975, 2250	PG	Do.
Elko, Nev.....	KDEFJ	2200, 3400	O	Post Office Department.
Eureka, Calif.....	NPW	600, 975, 2400, 2650	PG	U. S. Navy.
Fairbanks, Alaska.....	WVB	1500	O	U. S. Army.
Farallons, Calif.....	NPI	600, 975, 1620	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.....	WCU	100-4400	O	U. S. Army.

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

Station.	Call signal.	Wave lengths.	Serv-ice.	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	507, 600, 1988, 4900, 5950	O	Do.
Great Round Shoals Light Vessel.....	NABJ	600	O	Do.
Guam, Guam.....	NPN	600, 975, 2250, 2400, 3950, 5950, 9145	PG	Do.
Guantanamo, Cuba.....	NAW	160, 507, 600, 975, 2400, 2750, 3950, 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	887.5	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, 2850, 3360, 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	600, 975, 2400, 650, 4525, 6000	PG	U. S. Navy.
Key West, Fla.....	NAR	600, 975, 1988, 4400, 3960, 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	.....	O	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, 3960, 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, 3960, 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, 3960, 5000	PG	Do.
Pollock Rip Slue 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, 3960	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.....	KDIIN	2900, 3200	O	Post Office Department.
Salt Lake City, Utah.....	KDEII	2200, 3600	O	Do.
San Diego, Calif.....	NPL	607, 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, 2650, 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.....	KDFEL	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.....	NPPI	3950, variable	O	Do.
Washington, D. C. (Arlington).....	NAA	600, 975, 2650, 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.....	WYJ	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.....	NIBN
Abaranda.....	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	Bresse.....	NEBM	Colonel George Armistead	
Algonquin (C. G. C.)..	NRA	Bridge.....	NOI	.....	WYG
Algora.....	NEVP	Bridgesport.....	NGR	Colorado.....	NECR
Alon.....	NJD	Brooklyn.....	NFA	Columbia.....	NGA
Amaranth.....	NAPT	Brooks.....	NEZX	Columbine (L. H. T.)..	NLL
Amman.....	NBP	Broome.....	NEPF	Comanche (C. G. C.)..	NRW
Androcooggin (C. G. C.)		Bruce.....	NUPS	Comfort.....	NDO
.....	NRD	Brutus.....	NNA	Concord.....	NIRV
Anemone (L. H. T.)..	NABP	Buchanan.....	NEQS	Connecticut.....	NDQ
Annapolis.....	NBR	Buffalo.....	NCU	Conner.....	NEDF
Anthony.....	NEVS	Buford.....	WXA	Constellation.....	NEF
Apeche.....	NACB	Bulmer.....	NUPN	Constellation (Old)...	NEY
Aramis.....	NARP	Burns.....	NAFS	Constitution.....	NEBF
Arapaho.....	NSP	Burnside.....	WXR	Constitution (Old)...	NLZ
Arbutus (L. H. T.)..	NAGM	Burrows.....	NCV	Contocook.....	NELR
Arcata (C. G. C.).....	NADD	Bush.....	NETT	Converse.....	NAPM
Arethusa.....	NBU	Bushnell.....	NZC	Conyngham.....	NJE
Arizona.....	NBW	C-1.....	NXX	Cook (C. G. C.).....	NIGT
Arkansas.....	NBV	C-2.....	NXL	Cormorant.....	NIKV
Aroostook.....	NMK	C-3.....	NXM	Corry.....	NUOZ
Asheville.....	NELV	C-4.....	NXN	Cowell.....	NETV
Atlantic.....	NENN	C-5.....	NXO	Crane.....	NIFB
Ank.....	NIJT	Cadmus.....	WUAB	Craven.....	NERJ
Anlick.....	NERG	Caesar.....	NCY	Crook.....	WXB
Avocet.....	NADP	Caldwell.....	NSI	Crosby.....	NEZS
Aywin.....	NIH	California.....	NDF	Crownshield.....	NADF
Azalea (L. H. T.).....	NXU	Camden.....	NAPR	Culgoa.....	NDU
B-1.....	NXH	Canandaigua.....	NCR	Cumberland.....	NSZ
B-2.....	NXI	Captain A. M. Wetherill		Cummings.....	NIL
B-3.....	NXI	.....	WYT	Curacao.....	NAGQ
Babbitt.....	NEPX	Captain Charles W. Rowell		Curlew.....	NIJB
Bache (C. & G. S.)..	NLK	.....	WYI	Cushing.....	NIM
Badger.....	NEPT	Captain Gregory Barrett		Cuyama.....	NOD
Badger, George E.....	NUJG	.....	WYP	Cyan.....	NIFV
Baduuce.....	NAZP	Captain James Forrance		Cygan (C. G. C.).....	NICP
Bagley.....	NVU	.....	WYM	Cypress (L. H. T.)..	NLM
Bahley.....	NCF	Captain T. M. Morrison		D-1.....	NXP
Bainbridge.....	NUQL	.....	WYZ	D-2.....	NXQ
Balch.....	NIH	Cardinal.....	NAFN	D-3.....	NXR
Ballard.....	NIGN	Carr (C. G. C.).....	NEXP	Dahlgren.....	NVZ
Baltimore.....	NCH	Carrabasset.....	NEVQ	Dale.....	NUND
Bancroft.....	NAJQ	Case.....	NUNX	Dallas.....	NENM
Barber.....	NUJK	Cassin.....	NIK	Davis.....	NJF
Barney.....	NVV	Cayuga.....	NAFF	Decatur.....	NUQV
Barry.....	NUQP	Cedar (L. H. T.).....	NLW	Delaware.....	NEK
Bath.....	NHY	Celtic.....	NDB	De Long.....	NWB
Beale.....	NCL	Champlin.....	NEKQ	Delphy.....	NEZQ
Bea (C. G. C.).....	NRB	Chandler.....	NAGL	Dent.....	NEGF
Beaufort.....	NGP	Charles Ausburne.....	NUPR	Denver.....	NEM
Beaver.....	NEQQ	Charles S. Osborne.....	NABG	Des Moines.....	NEN
Bellnap.....	NEZZ	Charleston.....	NFE	Despatch.....	NIDF
Bell.....	NATG	Charlotte.....	NMN	Detroit.....	NISF
Benham.....	NIJ	Chase, U. S. S.....	NUMK	Dickerson.....	NAFC
Bernadou.....	NESS	Chattanooga.....	NGI	Dix.....	WXC
Biddle.....	NVW	Chauncey.....	NIFF	Dixie.....	NEP
Billingley.....	NUPQ	Chemung.....	NARG	Dobbin.....	NUNR
Birmingham.....	NCN	Chester.....	NDG	Dolphin.....	NEQ
Bittern.....	NIJR	Chew.....	NEMZ	Dorsey.....	NELG
Black Hawk.....	NAJD	Chewink.....	NIJV	Downes.....	NIN
Blakey.....	NVX	Cheyenne.....	NDH	Doyen.....	NUJS
Bobolink.....	NIJJ	Chicago.....	NDI	Drayton.....	NET
Boggs.....	NAMT	Childs.....	NULN	Dreadnaught.....	NCX

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.....	NUQJ	Henderson.....	NOH
E-2.....	NXT	Fortune.....	NEGS	Henley.....	NEA
Eagle 1.....	NEJB	Fox.....	NWJ	Henry Wilson.....	WZS
Eagle 2.....	NEJC	Frederick.....	NJS	Henshaw.....	NUJQ
Eagle 3.....	NEJD	Fuller.....	NIFG	Herbert.....	NEMJ
Eagle 4.....	NEJF	Fulton.....	NZD	Hercules.....	NEKR
Eagle 5.....	NEJG	G-2.....	NXZ	Herdon.....	NEJN
Eagle 6.....	NEJH	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.....	NLJX	Hopewell.....	NEXX
Eagle 11.....	NEJP	Gen. Alava.....	NAMG	Hopkins.....	NUQM
Eagle 12.....	NEJQ	Gen. A. M. Randal.....	WYJ	Housatonic.....	NFX
Eagle 13.....	NEJR	Gen. E. O. C. Ord.....	WYF	Houston.....	NGZ
Eagle 14.....	NEJS	Gen. George H. Weeks.....	WZT	Hovey.....	NEPB
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.....	NUKX
Eagle 23.....	NEKG	Gen. J. M. Brannan.....	WZV	Hunt.....	NUJF
Eagle 24.....	NEKJ	Gen. John M. Schofield.....	WXW	Huntington.....	NWV
Eagle 26.....	NEXF	Gen. Millin.....	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.....	WYY	Illinois.....	NHO
Eagle 31.....	NEZG	Gen. Richard Arnold.....	WYV	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.....	NBV
Eagle 38.....	NIBN	Gen. Timothy Pick- ering.....	WZQ	Isherwood.....	NUNV
Eagle 39.....	NIBC	Georgia.....	NGF	Israel.....	NENG
Eagle 40.....	NIBF	Gillis.....	NERR	Itasca.....	NRI
Eagle 41.....	NIBJ	Gilmer.....	NERB	Iuka.....	NEVR
Eagle 42.....	NIBL	Glacier.....	NGH	Ivy (L. H. T.).....	NAKV
Eagle 43.....	NIBP	Goff.....	NUQF	Jacob Jones.....	NEPZ
Eagle 44.....	NIBQ	Goldsborough.....	NGJ	Jarvis.....	NIB
Eagle 45.....	NIBR	Gorgona.....	NDJ	Jason.....	NNB
Eagle 46.....	NIBS	Graham.....	NAGJ	Jenkins.....	NID
Eagle 47.....	NIBT	Great Northern.....	NAXL	J. Fred Talbott.....	NIGR
Eagle 48.....	NIBV	Grebe.....	NIKX	Johansson (C. G. C.).....	NIQP
Eagle 49.....	NIBX	Greene.....	NIGM	John D. Edwards.....	NUPC
Eagle 50.....	NIBZ	Greer.....	NERT	John Frances Burnes.....	NIGQ
Eagle 51.....	NICB	Gregory.....	NAJR	Joseph Henry.....	WXT
Eagle 52.....	NICC	Gresham (C. G. C.).....	NRG	Jouett.....	NIE
Eagle 53.....	NICD	Gridley.....	NEMX	K-1.....	NYF
Eagle 54.....	NICF	Gulfport.....	NHS	K-2.....	NYG
Eagle 55.....	NICG	Gwalla.....	WUAD	K-3.....	NYH
Eagle 56.....	NICJ	Gwin.....	NAGX	K-4.....	NYI
Eagle 57.....	NICK	Gypsum Prince.....	WUAC	K-5.....	NYJ
Eagle 58.....	NICL	H-2.....	NYD	K-6.....	NYK
Eagle 59.....	NICM	H-3.....	NYE	K-7.....	NYL
Eagle 60.....	NICN	H-4.....	NEQM	K-8.....	NYM
Earp (C. G. C.).....	NEKF	H-5.....	NETG	Kalk.....	NIGD
Edsall.....	NUPM	H-6.....	NEFC	Kalmia.....	NAZS
Edwards.....	NIGL	H-7.....	NEJG	Kanawha.....	NND
Eider.....	NIKR	H-8.....	NELN	Kane.....	NULM
El Cano.....	NFD	H-9.....	NEBV	Kankakee (C. G. C.).....	NUMZ
Elliot.....	NFRV	Hale.....	NACL	Kansas.....	NIO
Ellis.....	NIS	Hamilton.....	NHL	Kearseah.....	NUOK
Ericsson.....	NEMS	Hancock.....	NGU	Kearsarge.....	NIP
Evans.....	NAVW	Hannibal.....	NEXZ	Kennedy.....	NAZM
Explorer (C. & G. S.).....	NXV	Haraden.....	NUMX	Kennison.....	NEQX
F-2.....	NXW	Harbor tug No. 61.....	NULD	Kentucky.....	NIQ
F-3.....	NXV	Harbor tug No. 63.....	NUMT	Keosangua.....	NEXC
Fairfax.....	NTN	Harbor tug No. 64.....	NUMT	Kewaydin.....	NAXN
Falcon.....	NEKN	Harbor tug No. 67.....	NULG	Kidder.....	NUJX
Fanning.....	NFM	Harbor tug No. 68.....	NUMR	Kilkenny.....	KKI
Farenholt.....	NECK	Harbor tug No. 74.....	NEMV	Kilty.....	NAKX
Farquhar.....	NANZ	Hart.....	NENV	Kimberly.....	NADL
Farragut.....	NVS	Hartford.....	NGV	King.....	NULP
Fathomer (C. & G. S.).....	NFSR			Kingfisher.....	NALP
Fern (L. H. T.).....	NAFV			Kittery.....	NHW
Finch.....	NAJP			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
Kukui (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	NIQC	North Dakota	NMO
L-4	NYQ	McCawley	NULS	Northern Pacific	WIM
L-5	NYR	McCook	NIQB	O-1	NEXJ
L-6	NYB	McCormick	NUPZ	O-2	NETJ
L-7	NYT	McDermut	NIGG	O-3	NAMR
L-8	NYU	McDougal	NIT	O-4	NAMZ
L-9	NYV	McFarland	NETB	O-5	NAMX
L-10	NYW	McGourty (C. G. C.)	NEJV	O-6	NANB
L-11	NYX	McKean	NEMT	O-7	NANC
Lamberton	NAZL	McKee	NACQ	O-8	NAND
Lamson	NUNC	McLanahan	NIQK	O-9	NAGB
Lansdale	NNC	Meade	NEBJ	O-10	NAXT
Lansley	NERL	Medusa	NEMC	O-11	NETK
Lapwing	NALC	Mehalatos (C. G. C.)	NIDL	O-12	NETL
Laramie	NUGL	Melville	NKA	O-13	NEZN
Lardner	NUPF	Melvin	NURC	O-14	NEVD
Lark	NIJK	Memphis	NISS	O-15	NAXS
Larkspur (L. H. T.)	NAMB	Mercy	NKK	O-16	NASM
Larsen (C. G. C.)	NITK	Merrith	NETS	O'Bannon	NEXS
Laub	NIGJ	Merritt	WXI	O'Brien	NIV
Laurel (L. H. T.)	NALV	Mervine	NUMJ	Ohio	NMW
La Vallette	NUJT	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	Minnepolis	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	Oriole	NEVM
Liscum	WXF	Mohave	NTO	Orion	NOC
Litchfield	NUMM	Mohawk	NUFB	Ortolan	NIKC
Little	NRT	Monadnock	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	NIJ	Overton	NUJN
Luce	NEGJ	Montcalm	NEQF	Oveson (C. G. C.)	NIJZ
Ludlow	NENZ	Monterey	NKX	Owl	NACS
Lydonia (C. & G. S.)	NDR	Montgomery	NAJX	Ozark	NHH
Lykens	NALK	Moody	NULT	Ozette	NEDN
M-1	NYV	Morrill (C. G. C.)	NRC	Paducah	NOG
MacDonough	NUQR	Morris	NWS	Palmer	NECV
Macbias	NQL	Mugford	NEXR	Palos	NQS
MacKenzie	NEVX	Mullany	NUML	Pamlico (C. G. C.)	NRR
MacInac	NUGD	Murray	NAJK	Pampanga	NQT
MacLeish	NUPT	N-1	NZF	Panther	NOJ
Maddox	NETX	N-2	NZF	Parker	NIX
Madrone (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	NTTL	Patterson	NOK
Major Albert G. Forse	WYQ	Nanshan	NNK	Patuxent	NOM
Major Evan Thomas	WYO	Nantucket	NFU	Paulding	NOM
Major Guy Howard	WZY	Napa	NEVC	Paulding, James K.	NUJM
Major Samuel Ringgold	WYC	Narragansett	NAMN	Paul Hamilton	NAQN
Mallard	NIKB	Natoma (C. & G. S.)	NUGG	Paul Jones	NUQN
Mangrove (L. H. T.)	NANV	Navajo	NKZ	Pawnee	NUH
Manhattan (C. G. C.)	NEKZ	Navesink	WXU	Pawtucket	NUJ
Manley	NSH	Nebraska	NMA	Peary	NUQD
Manning (C. G. C.)	NRN	Neches	NIFP	Pecos	NIQF
Mansfield	NUMV	Neptune	NMS	Pelican	NEFK
Manzanita (L. H. T.)	NLU	Nereus	NNF	Penguin	NECT
Maple (L. H. T.)	NAPV	Nero	NEDX	Pennsylvania	NCE
Marblehead	NIRR	Nevada	NCA	Penobscot	NOE
Marcus	NUMG	New Hampshire	NME	Pensacola	NGN
Marigold (L. H. T.)	NAQV	New Jersey	NMF	Pentucket	NUL
Mars	NJR	New Mexico	NQW	Peoria	NOW
Maryland	NARC	New Orleans	NMG	Pequot (C. G. C.)	NUPJ
Mason	NAGG	Newport	NMH	Percival	NIFJ
Massachusetts	NIRQ	Newport News	NHZ	Perkins	NOX
Mattole	NUMG	New York	NCC	Perry	NUQS
Maumee	NNE	Niagara	NABC	Philip	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	Roe.....	NTZ	Seattle.....	NAPG
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.....	NUNQ	S-6.....	NIMN	Shaw.....	NKU
Preston.....	NUNJ	S-7.....	NIMP	Shawmut.....	NML
Prometheus.....	NQR	S-8.....	NIMQ	Sheridan.....	WXJ
Proteus.....	NGG	S-9.....	NIMR	Sherman.....	WXX
Pruitt.....	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.....	NUPX
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.....	NILN	S-25.....	NINP	Southard.....	NAJK
R-9.....	NILM	S-26.....	NINQ	South Bend.....	KEXQ
R-10.....	NILN	S-27.....	NINR	South Carolina.....	NSW
R-11.....	NILP	S-28.....	NINS	South Dakota.....	NISG
R-12.....	NILQ	S-29.....	NINT	S. P. 43 (Daraga).....	NUBB
R-13.....	NILR	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.....	NIPQ	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.....	NUGQ	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 (Utowannah).....	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.....	NIJS	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	Sapelo.....	NUGS	S. P. 1250 (Nahant).....	NQE
Richmond.....	NISQ	Sara Thompson.....	NEMD	S. P. 2047 (Moosehead).....	NAQM
Ringold.....	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).....	NUBG
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	Sciota.....	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
Stellenwerf.....	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.....	NICS
Sub. chaser No. 23.....	NOBQ	Sub. chaser No. 443...	NIRB	V-4.....	NICT
Sub. chaser No. 57.....	NODF	Sub. chaser No. 444...	NIRC	V-5.....	NICV
Sub. chaser No. 62.....	NODM	Sumac (L. H. T.).....	NASG	V-6.....	NICX
Sub. chaser No. 63.....	NODN	Sunmer.....	NUOX	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.....	NVK
Sub. chaser No. 93.....	NOFX	Swallow.....	NEFL	Vestal.....	NMC
Sub. chaser No. 100.....	NOGJ	Swan.....	NIJP	Vesuvius.....	NURM
Sub. chaser No. 102.....	NOGL	Swasey.....	NIQP	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	Tatt'nall.....	NEPS	Warren.....	WXN
Sub. chaser No. 190.....	NOML	Taylor (C. G. C.).....	NITB	Warrington.....	NWD
Sub. chaser No. 191.....	NOMM	Taylor.....	NALR	Washington.....	NWE
Sub. chaser No. 192.....	NOMN	Teal.....	NAPN	Wasmoth.....	NUKC
Sub. chaser No. 195.....	NOMR	Tennessee.....	NSE	Waters.....	NATT
Sub. chaser No. 210.....	NONN	Tern.....	NIKT	Welborn C. Wood.....	NULJ
Sub. chaser No. 214.....	NONS	Terry.....	NUI	Welles.....	NAJZ
Sub. chaser No. 223.....	NOFP	Texas.....	NUC	Wenonah (C. & GS).....	NJ
Sub. chaser No. 224.....	NOFG	Thatcher.....	NESV	West Virginia.....	NEDJ
Sub. chaser No. 229.....	NOFN	Thomas.....	NIFN	Wheeling.....	NWH
Sub. chaser No. 231.....	NOFO	Thomas.....	WXM	Whipple.....	NUNL
Sub. chaser No. 232.....	NOFR	Thompson.....	NAZC	Whippoorwill.....	NIJQ
Sub. chaser No. 237.....	NOFZ	Thompson, Smith.....	NUJJ	Whitney.....	NIRL
Sub. chaser No. 251.....	NOQQ	Thorn-ton.....	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	Tippicanoe.....	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 No. 1.....	NIFR	Williamson.....	NUNS
Sub. chaser No. 278.....	NOSD	Torpedo Test Barge No. 2.....	NIFS	Willoughby.....	NJX
Sub. chaser No. 283.....	NOSL	Torpedo Test Barge No. 3.....	NIFX	Wilmington.....	NWK
Sub. chaser No. 284.....	NOSM	Torpedo Test Barge No. 4.....	NIFZ	Winslow.....	NJA
Sub. chaser No. 287.....	NOSQ	Toucey.....	NULX	Wisconsin.....	NWM
Sub. chaser No. 294.....	NOTB	Tracy.....	NUJL	Wolverine.....	NGW
Sub. chaser No. 295.....	NOTC	Traffic.....	NVA	Wompatuck.....	NVJ
Sub. chaser No. 298.....	NOTG	Trenton.....	NISR	Wood.....	NUMF
Sub. chaser No. 299.....	NOTJ	Trever.....	NUMP	Woodbury.....	NATM
Sub. chaser No. 301.....	NOTL	Trinity.....	NUGX	Woodcock.....	NIKP
Sub. chaser No. 303.....	NOTN	Tripe.....	NUQ	Worden.....	NUNM
Sub. chaser No. 305.....	NOTQ	Triton.....	NVC	Wright.....	NIRN
Sub. chaser No. 306.....	NOTR	Truxton.....	NUQK	Wyoming.....	NWQ
Sub. chaser No. 308.....	NOTT	Tulip (L. H. T.).....	NKV	Yacona.....	NJM
Sub. chaser No. 310.....	NOTX	Tulsa.....	NXX	Yamacraw.....	NRY
Sub. chaser No. 320.....	NOVC	Turkey.....	NIST	Yarborough.....	NUMC
Sub. chaser No. 326.....	NOVL	Turner.....	NIJF	Yarnall.....	NIGS
Sub. chaser No. 328.....	NOVN	Tuscarora (C. G. C.).....	NERQ	Yocona.....	NUNB
Sub. chaser No. 330.....	NOVQ	Twiggs.....	NRP	Young.....	NESG
Sub. chaser No. 332.....	NOVS			Zane.....	NUMN
Sub. chaser No. 340.....	NOXF			Zeilin.....	NUMB
Sub. chaser No. 341.....	NOXG			Zizania (L. H. T.).....	NZZ
Sub. chaser No. 353.....	NOXS				
Sub. chaser No. 408.....	NOZC				

GOVERNMENT LAND AND SHIP RADIO STATIONS, BY CALL SIGNALS.

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

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	Ericason.....b	NNH	Leonidas.....b
NIT	McDougal.....b	NNI	St. Croix, V. I.....c
NIU	Nicholson.....b	NNK	Nanshan.....b
NIV	O'Brien.....b	NNL	Coco Solo, C. Z.....c
NIX	Parker.....b	NNM	Saturn.....b
NIZ	Lebanon.....b	NNQ	S. P. 813 (Corona).....b
NJA	Winslow.....b	NNT	Cape Mcla, R. P.....c
NJB	Louisiana.....b	NNW	La Palma, R. P.....c
NJD	Allen.....b	NNX	Undaunted.....b
NJE	Conyngham.....b	NNZ	Buffalo, N. Y.....c
NJF	Davis.....b	NOA	Osceola.....b
NJG	San Domingo City, D. R.....b	NOB	Abarenda.....b
NJI	S. P. 951 (Utoanah).....b	NOC	Orion.....b
NJJ	Wenonah.....b	NOD	Cuyama.....b
NJL	Maine.....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	Paterson.....b
NJV	Mayflower (President's yacht).....b	NOL	Patapso.....b
NJW	McCall.....b	NOM	Patuxent.....b
NJX	Willoughby.....b	NON	Faulding.....b
NJY	Port Arthur, Tex.....c	NOO	Porter.....b
NJZ	Michigan.....b	NOT	Pittsburgh.....b
NKA	Melville.....c	NOW	Peoria.....b
NKB	Galveston, Tex.....c	NOX	Perkins.....b
NKC	Navassa Island, W. I.....c	NPA	Cordova, Alaska.....c
NKD	Minnesota.....b	NPB	Sitka, Alaska.....c
NKE	Mississippi.....b	NPD	Tatoosh, Wash.....c
NKF	Missouri.....b	NPE	North Head, Wash.....c
NKG	S. P. 1116 (Genesee).....b	NPF	Marshfield, Ore.....c
NKK	Mercy.....b	NPG	San Francisco, Calif.....c
NKL	Monaghan.....b	NPH	Viadivostok, Siberia.....c
NKM	Missoula.....b	NPI	Farallons, Calif.....c
NKN	Monterey.....b	NPK	Point Arguello, Calif.....c
NKP	S. P. 714 (Galatea).....b	NPL	San Diego, Calif.....c
NKQ	Wilkes.....b	NPM	(Honolulu, Pearl Harbor, Heeia Point, Hawaii).....c
NKR	Rowan.....b	NPN	Guam, Guam.....c
NKS	Sampson.....b	NPO	Cavite, P. I.....c
NKT	Schley.....b	NPP	Peking, China.....c
NKU	Shaw.....b	NPQ	St. Paul, Alaska.....c
NKV	Tucker.....b	NPR	Dutch Harbor, Alaska.....c
NKW	Wadsworth.....b	NPS	Kodiak, Alaska.....c
NKX	Wainwright.....b	NPT	Olongapo, P. I.....c
NKZ	Navajo.....b	NPU	Tutuila, Samoa.....c
NLA	Nantucket Shoals L. V. No. 85.....b	NPV	Seaward, Alaska.....c
NLC	Frying Pan Shoals L. V. No. 94.....b	NPW	Eureka, Calif.....c
NLF	Kukul.....b	NPX	San Pedro, Calif.....c
NLJ	Pathfinder.....b	NPY	St. George, Alaska.....c
NLK	Bache.....b	NPZ	Puget Sound, Wash.....c
NLL	Columbine.....b	NQE	S. P. 1250 (Nahant).....b
NLM	Cypress.....b	NQF	Pompey.....b
NLP	Heald Bank L. V. No. 81.....b	NQG	Potomac.....b
NLS	Fire Island L. V. No. 68.....b	NQK	Machias.....b
NLT	Orchid.....b	NQL	Prairie.....b
NLU	Manzanita.....b	NQM	S. P. 524 (Margaret).....b
NLV	Sequoia.....b	NQP	Monocacy.....b
NLW	Cedar.....b	NQQ	Prometheus.....b
NLY	Topeka.....b	NQR	Palos.....b
NLZ	Constitution (old).....b	NQS	Pampanga.....b
NMA	Nebraska.....b	NQT	Surveyor.....b
NMB	Manati, Cuba.....c	NQU	Sacramento.....b
NMC	Vestal.....b	NQV	New Mexico.....b
NME	New Hampshire.....b	NQW	Albatross.....b
NMF	New Jersey.....b	NQY	Quiros.....b
NMG	New Orleans.....b	NQZ	Algonquin.....b
NMH	Newport.....b	NRA	Bear.....b
NMK	Aroostook.....b	NRB	Morrill.....b
NML	Shawmut.....b	NRC	Androscoggin.....b
NMN	Charlotte.....b	NRD	Seneca.....b
NMO	North Dakota.....b	NRE	Snohomish.....b
NMS	Neptune.....b	NRF	Gresham.....b
NMW	Ohio.....b	NRG	
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	Pamlico.....b	NWG	Huntington.....b
NRS	Seminole.....b	NWH	Wheeling.....b
NRT	Little.....b	NWJ	Fox.....b
NRU	Acushnet.....b	NWK	Wilmington.....b
NRV	Tallahassee.....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
NTP	Mohave.....b	NYA	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	Trippé.....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	Wahnetta.....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	Cavey, 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. 66.....	NAMC	Mexican.....
NABP	Anemone (L. H. T.).....	NAMD	Reno.....
NABS	Tanager.....	NAMG	Gen. Alava.....
NABT	Swiftsure Bank L. V. No. 98.....	NAMN	Narragansett.....
NABV	Cape Lookout Shoals L. V. No. 80.....	NAMR	O-3.....
NABX	Brunswick L. V. No. 84.....	NAMS	Portland L. V. No. 74.....
NABZ	T-3.....	NAMT	Boggs.....
NACB	Apache.....	NAMV	Madrono.....
NACD	Relief L. V. No. 76.....	NAMX	O-4.....
NACL	Hale.....	NAMZ	O-5.....
NACN	Dyer.....	NANB	O-6.....
NACP	Stringham.....	NANC	O-7.....
NACQ	McKee.....	NAND	O-8.....
NACR	Rapidan.....	NANJ	Plattsburg.....
NACS	Owl.....	NANQ	Robin.....
NACT	Blunts Reef L. V. No. 83.....	NANS	Pollock Rip L. V. No. 47.....
NACV	Umatilla Reef L. V. No. 67.....	NANT	Stone Horse Shoal L. V. No. 5.....
NACX	Vineyard Sound L. V. No. 41.....	NANV	Mangrove.....
NACZ	Allegheny.....	NANX	Sagamore.....
NADB	Relief No. 92.....	NANZ	Farquhar.....
NADD	Arcata.....	NAPG	Seattle.....
NADF	Crowninshield.....	NAPK	Stevens.....
NADL	Kimberly.....	NAPL	Talbot.....
NADP	Avocet.....	NAPM	Converse.....
NADQ	S. P. 1232 (Barnegat).....	NAPN	Teal.....
NADT	Winter Quarter Shoals L. V. No. 91.....	NAPP	Hen & Chickens L. V. No. 42.....
NADV	Five Fathom Bank L. V. No. 70.....	NAPR	Camden.....
NADX	Boston L. V. No. 54.....	NAP8	Magnolia.....
NAFC	Dickerson.....	NAPT	Amaranth.....
NAFF	Brant.....	NAPV	Maple.....
NAFL	Leary.....	NAQB	L. V. No. 20.....
NAFN	Cardinal.....	NAQC	Piscataqua.....
NAFP	Cayuga.....	NAQF	Widgeon.....
NAFS	Burns.....	NAQJ	Rail.....
NAFT	Pollock Rip Shoal L. V. No. 73.....	NAQM	S. P. 2047 (Moosehead).....
NAFV	Fern.....	NAQN	Paul Hamilton.....
NAFX	R-17.....	NAQS	Handkerchief L. V. No. 3.....
NAFZ	Semmes.....	NAQV	Margold.....
NAGB	O-9.....	NARC	Maryland.....
NAGC	Satterlee.....	NARF	Wandank.....
NAGG	Mason.....	NARG	Chemung.....
NAGJ	Graham.....	NARN	S. P. 1213 (Montauk).....
NAGL	Chandler.....	NARP	Aramis.....
NAGM	Arbutus.....	NARR	William Jones.....
NAGQ	Curacao.....	NARS	Northeast End (N. J.) L. V. No. 44.....
NAGS	Ward.....	NART	Martin's Industry (N. C.) L. V. No. 1.....
NAGT	South Pass (La.) L. V. No. 102.....	NARV	Scotland (N. Y.) L. V. No. 11.....
NAGV	Hyacinth.....	NARX	Ram Island Reef (Conn.) L. V. No. 23.....
NAGX	Gwin.....	NARZ	R-20.....
NAJB	Stourmeay.....	NASB	Brenton Reef (R. I.) L. V. No. 39.....
NAJC	Relief No. 53.....	NASC	Cornfield Point (Conn.) L. V. No. 48.....
NAJD	Black Hawk.....	NASD	Rose.....
NAJJ	Relief No. 86.....	NASG	Sumac.....
NAJK	Southard.....	NASK	Relief No. 16.....
NAJL	Colhoun.....	NASM	O-16.....
NAJP	Finch.....	NASV	R-15.....
NAJQ	Bancroft.....	NASX	R-16.....
NAJR	Gregory.....	NATD	Hedge Fence (Mass.) L. V. No. 9.....
NAJS	Fenwick Island Shoals L. V. No. 52.....	NATG	Bell.....
NAJT	Columbia River L. V. No. 88.....	NATJ	Wickes.....
NAJV	Cape Charles L. V. No. 101.....	NATM	Woodbury.....
NAJX	Robinson.....	NATS	Umpqua.....
NAJZ	Welles.....	NATT	Waters.....
NAKD	Ajax.....	NAVM	Explorer.....
NAKL	Heather.....	NAVS	Stribling.....
NAKN	Hibiscus.....	NAXJ	Montgomery.....
NAKS	San Francisco L. V. No. 70.....	NAXK	Murray.....
NAKT	Overfalls L. V. No. 69.....	NAXN	Kewaydin.....
NAKV	Ivy.....	NAXS	O-15.....
NAKX	Kilty.....	NAXT	O-10.....
NALC	Lapwing.....	NAZC	Thompson.....
NALK	Lykens.....	NAZJ	Charleston (S. C.), L. V. No. 34.....
NALL	Iris.....	NAZL	Lamberton.....
NALP	Kingfisher.....	NAZM	Kennedy.....
NALQ	S. P. 164 (May).....	NAZP	Bagaduce.....
NALR	Taylor.....	NAZQ	Tadousac.....
NALS	Ambrose Channel L. V. No. 87.....	NAZR	Tail of horseshoe (Va.) L. V. No. 46.....
NALT	Ringgold.....	NAZS	Kalmia.....
NALV	Laurel.....	NAZV	Relief No. 4.....
NALZ	Stoddert.....	NAZZ	Robert L. Barnes.....
NAMB	Larkspur.....	NEBF	Constitution.....

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	Mauzy.....	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	Twiggs.....	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	Upsbur.....	b
NEJG	Eagle 5.....	b	NERT	Greer.....	b
NEJJ	Eagle 6.....	b	NERV	Elliott.....	b
NEJK	Eagle 7.....	b	NERX	Roper.....	b
NEJL	Eagle 8.....	b	NERZ	Breckinridge.....	b
NEJM	Eagle 9.....	b	NESE	S. P. Lee.....	b
NEJN	Eagle 10.....	b	NESC	Relief L. V. No. 49.....	b
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	Mahopac.....	b
NEKG	Eagle 23.....	b	NETF	Lee.....	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	Oriole.....	b
NELX	Aaron Ward.....	b	NEVP	Algorma.....	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
NEMV	Harding.....	b	NEXB	Radford.....	b
NEMX	Gridley.....	b	NEXC	Keosauqua.....	b
NEMZ	Chew.....	b	NEXF	Eagle 26.....	b
NENG	Israel.....	b	NEXG	Eagle 27.....	b
NENJ	Herdon.....	b	NEXJ	O-1.....	b
NENL	Heron.....	b	NEXL	Knudsen.....	b
NENM	Dallas.....	b	NEXM	Eagle 28.....	b
NENN	Atlantic.....	b	NEXN	Eagle 29.....	b
NENS	Hazelwood.....	b	NEXP	Carr.....	b
NENT	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
NEXZ	Haraden.....	b	NIGN	Hallard.....	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	Blttern.....	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	Eidor.....	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	Cyran.....	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	Stellenwurf.....	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 Barke 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, Osmoud.....	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	NOFX	Sub. chaser No. 93
NINJ	S-20	NOGJ	Sub. chaser No. 100
NINK	S-21	NOGL	Sub. chaser No. 102
NINL	S-22	NOGN	Sub. chaser No. 104
NIMM	S-23	NOGQ	Sub. chaser No. 106
NINN	S-24	NOJK	Sub. chaser No. 119
NINP	S-25	NOJM	Sub. chaser No. 121
NINQ	S-26	NOKN	Sub. chaser No. 143
NINR	S-27	NOKQ	Sub. chaser No. 145
NINS	S-28	NOKR	Sub. chaser No. 147
NINT	S-29	NOLC	Sub. chaser No. 154
NINV	S-30	NOLF	Sub. chaser No. 156
NINX	S-31	NOLK	Sub. chaser No. 159
NINZ	S-32	NOLR	Sub. chaser No. 177
NIPB	S-33	NOMD	Sub. chaser No. 185
NIPC	S-34	NOMF	Sub. chaser No. 186
NIPD	S-35	NOMJ	Sub. chaser No. 188
NIPF	S-36	NOML	Sub. chaser No. 190
NIPG	S-37	NOMM	Sub. chaser No. 191
NIPJ	S-38	NOMN	Sub. chaser No. 192
NIPK	S-39	NOMR	Sub. chaser No. 195
NIPL	S-40	NONN	Sub. chaser No. 210
NIPM	S-41	NONS	Sub. chaser No. 214
NIPN	S-42	NOPF	Sub. chaser No. 223
NIPP	S-43	NOPG	Sub. chaser No. 224
NIPQ	S-44	NOPN	Sub. chaser No. 229
NIPR	S-45	NOPQ	Sub. chaser No. 231
NIPS	S-46	NOPR	Sub. chaser No. 232
NIPT	S-47	NOPZ	Sub. chaser No. 237
NIPV	S-48	NOQQ	Sub. chaser No. 251
NIPX	S-49	NOQR	Sub. chaser No. 252
NIPZ	S-50	NOQS	Sub. chaser No. 253
NIQB	Sub. chaser No. 425	NORJ	Sub. chaser No. 263
NIQC	Sub. chaser No. 426	NORK	Sub. chaser No. 264
NIDQ	Sub. chaser No. 427	NORR	Sub. chaser No. 270
NIQK	S-51	NORS	Sub. chaser No. 271
NIQL	Sub. chaser No. 432	NORV	Sub. chaser No. 273
NIQP	Johansson	NOSC	Sub. chaser No. 277
NIQT	Sub. chaser No. 439	NOSD	Sub. chaser No. 278
NIQV	Sub. chaser No. 440	NOSL	Sub. chaser No. 283
NIQX	Sub. chaser No. 441	NOSM	Sub. chaser No. 284
NIRB	Sub. chaser No. 443	NOSQ	Sub. chaser No. 287
NIRC	Sub. chaser No. 444	NOTB	Sub. chaser No. 294
NIRL	Whitney	NOTC	Sub. chaser No. 295
NIRM	Holland	NOTG	Sub. chaser No. 298
NIRN	Wright	NOTJ	Sub. chaser No. 299
NIRP	Iowa	NOTL	Sub. chaser No. 301
NIRQ	Massachusetts	NOTN	Sub. chaser No. 303
NIRR	Marblehead	NOTQ	Sub. chaser No. 305
NIRS	Indiana	NOTR	Sub. chaser No. 306
NIRT	Raleigh	NOTT	Sub. chaser No. 308
NIRV	Concord	NOTX	Sub. chaser No. 310
NISB	Tingard	NOVC	Sub. chaser No. 320
NISC	Klingelhoef	NOVL	Sub. chaser No. 326
NISD	Boyce	NOVN	Sub. chaser No. 328
NISG	South Dakota	NOVQ	Sub. chaser No. 330
NISJ	Montana	NOVS	Sub. chaser No. 332
NISK	North Carolina	NOXF	Sub. chaser No. 340
NISL	Omaha	NOXG	Sub. chaser No. 341
NISM	Milwaukee	NOXS	Sub. chaser No. 353
NISN	Cincinnati	NOZC	Sub. chaser No. 408
NISP	Detroit	NOZD	Sub. chaser No. 409
NISQ	Richmond	NOZJ	Sub. chaser No. 412
NISR	Trenton	NOZK	Sub. chaser No. 413
NISS	Memphis	NOZR	Sub. chaser No. 419
NIST	Tulsa	NOZZ	Sub. chaser No. 424
NITB	Taylor	NUBB	S. P. 43 (Daraga)
NITK	Larsen	NUBC	S. P. 909 (Eaglet)
NITL	Nansmond	NUBK	S. P. 54 (Patrol No. 6)
NITQ	Diamond Shoals L. V. No. 72	NUBM	Vesuvius
NITR	Relief L. V. No. 78	NUBR	S. P. 3297 (Winthrop)
NITS	Relief L. V. No. 90	NUBS	S. P. 726 (Orca)
NIXG	Smith (C. G.)	NUBT	S. P. 522 (Chas. Mann)
NIZD	Oveson (C. G.)	NUCF	Lilac (L. H. T.)
NOBQ	Sub. chaser No. 23	NUCG	S. P. 573 (Easthampton)
NODF	Sub. chaser No. 57	NUCJ	S. P. 1234 (Cigarette)
NODM	Sub. chaser No. 62	NUCK	S. P. 765 (Adelante)
NODN	Sub. chaser No. 63	NUCR	S. P. 680 (Ardent)
NODP	Sub. chaser No. 64	NUCS	S. P. 642 (Felicia)
NODR	Sub. chaser No. 69	NUCT	S. P. 265 (Pocomoke)
NODT	Sub. chaser No. 71	NUCX	S. P. 214 (Editha)

GOVERNMENT LAND AND SEIP 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 (Lagonia).....	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. J.).....	b	NUNV Isherwood.....	b
NUGG	Natoma.....	b	NUNX Case.....	b
NUGI	Alameda.....	b	NUNZ Nicolas.....	b
NUGK	Kaweah.....	b	NUPD John D. Edwards.....	b
NUGL	Laramie.....	b	NUPF Parrott.....	b
NUMG	Mattole.....	b	NUPG Lardner.....	b
NUMN	Patoka.....	b	NUPH Putnam.....	b
NUMP	Ramapo.....	b	NUPJ Pequot.....	b
NUOQ	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	NUQU Decatur.....	b
NULD	Harbor tug No. 63.....	b	NUQX Sumner.....	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
NUML	Kane.....	b	WIR Great Northern.....	b
NUMN	Childs.....	b	WJD Tongshan, China.....	c
NUMP	King.....	b	WJI Atka Island, Alaska.....	c
NUMQ	Sands.....	b	WUA Fort Andrews, Mass.....	c
NUMR	Sinclair.....	b	WUAB Cadmus.....	b
NUMS	McCawley.....	b	WUAC Gypsum Prince.....	b
NUMT	Moody.....	b	WUAD Gwalla.....	b
NUMV	Sharkey.....	b	WUAE Tacouy.....	b
NUMX	Toucey.....	b	WUBA Camp Alfred Vail, N. J.....	c
NUMZ	Breck.....	b	WUBD Fort Sill, Okla.....	c
NUMB	Zeilin.....	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
NUMH	Mervine.....	b	WUF Fort Levett, Me.....	c
NUMI	Chase.....	b	WUG Fort Monroe, Va.....	c
NUML	Mullany.....	b	WUH Fort Monroe, Va.....	c
NUMM	Litchfield.....	b	WUI Fort McIntosh, Tex.....	c
NUMN	Zane.....	b	WUJ Fort Riley, Kans.....	c
NUMP	Trever.....	b	WUK Fort Sam Houston, Tex.....	c
NUMQ	William B. Preston.....	b	WUL Fort Stevens, Ore.....	c
NUMR	Harbor tug No. 68.....	b	WUN Fort Tot ten, N. Y.....	c
NUMS	S. P. 681 (Breakwater).....	b	WUO Fort Worden, Wash.....	c
NUMT	Harbor tug No. 64.....	b	WUP Fort Winfield Scott, Calif.....	c
NUMV	Mansfield.....	b	WUQ Washington, D. C.....	c
NUMX	Harbor tug No. 61.....	b	WUR 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.	WYC	Major Samuel Ringgold
WUU	Fort Adams, R. I.	WYD	General Henry J. Hunt
WUV	Livengood, Alaska	WYE	General Henry Knox
WUW	Fort Terry, N. Y.	WYF	General E. O. C. Ord
WUX	Fort Crockett, Tex.	WYG	Colonel George Armistead
WUY	Fort San Jacinto, Tex.	WYH	General Robert Anderson
WUZ	Fort Brown, Tex.	WYI	Captain Charles W. Rowell
WVA	Circle City, Alaska	WYJ	General A. M. Randal
WVB	Fairbanks, Alaska	WYK	General Harvey Brown
WVC	Fort Egbert, Alaska	WYL	General R. B. Ayres
WVD	Fort Gibbon, Alaska	WYM	Captain James Fornance
WVE	Fort St. Michael, Alaska	WYN	Reno
WVF	Kotlik, Alaska	WYO	Major Evan Thomas
WVG	Nome, Alaska	WYP	Captain Gregory Barrett
WVH	Nulato, Alaska	WYQ	Major Albert G. Forse
WVI	Petersburg, Alaska	WYR	Lieut. Geo. M. Harris
WVJ	Wrangell, Alaska	WYS	General G. W. Getty
WVK	Holy Cross, Alaska	WYT	Captain A. M. Wetherill
WVL	Fort Frank, P. I.	WYU	General Robert W. Swartout
WVN	Fort Mills, P. I.	WYV	General S. B. Holabird
WVP	Fort Drum, P. I.	WYW	General R. H. Jackson
WVR	Fort Wint, P. I.	WYX	Tientsin, China
WVU	Manilla, P. I.	WYY	General Richard Arnold
WVZ	Fort Mills, P. I.	WYZ	Captain T. M. Morrison
WWO	Cleveland, Ohio	WZA	Fort Screven, Ga.
WWQ	Bellefonte, Pa.	WZAA	Boston, Mass.
WWU	Newark, N. J.	WZAB	Fort Wood, N. Y.
WWV	Washington, D. C.	WZAC	Fort Howard, Md.
WWX	Washington, D. C.	WZAD	Fort McPherson, Ga.
WWY	Slocum	WZAE	Fort Benjamin Harrison, Ind.
WXA	Buford	WZAF	Fort Sheridan, Ill.
WXB	Crook	WZAG	Fort Omaha, Nebr.
WXC	Dix	WZAH	Fort Mason, Calif.
WXE	Liscum	WZB	Fort Howard, Md.
WXF	Logan	WZC	Fort Whitman, Wash.
WXG	Fort Washington, Md.	WZD	Fort Barrancas, Fla.
WXI	Merritt	WZE	Fort Constitution, N. H.
WXJ	Sheridan	WZF	Fort Moultrie, S. C.
WXK	Sherman	WZH	Port Fads, La.
WXL	Iditarod, Alaska	WZI	Shanghai, China
WXM	Thomas	WZJ	Fort Casey, Wash.
WXN	Warren	WZK	Fort Dade, Fla.
WXP	Craig, Alaska	WZN	Fort Du Pont, Del.
WXQ	Fort Travis, Tex.	WZO	Fort Bliss, Tex.
WXR	Fort St. Philip, La.	WZP	Fort Huachuca, Ariz.
WXT	Burnside	WZQ	General Timothy Pickering
WXU	Joseph Henry	WZR	General Nathaniel Greene
WXV	Navesink	WZS	Henry Wilson
WXW	McGrath, Alaska	WZT	General George H. Weeks
WXX	General John M. Schofield	WZU	Sprigg Carroll
WXY	Fort Yukon, Alaska	WZV	General J. M. Brannan
WZZ	Washington, D. C.	WZW	General R. N. Batchelder
WYA	Fort Story, Va.	WZX	General Miffin
WYB	General Royal T. Frank	WZY	Major Guy Howard
	General S. M. Mills	WZZ	San Pedro

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.	9YG	-----	North Dakota Agricultural College.
Alderson, W. Va.	8YF	200, 375	Camp Greenbrier.
Alexandria, La.	5ZD	200, 375	Frank B. Beuhler.
Alliance, Ohio.	8YT	200, 375	Mount Union College.
Ames, Iowa.	9YI	250, 425	Iowa State College.
Ann Arbor, Mich.	8XA	Variable.	University of Michigan.
Anthony, Kans.	9ZAC	200, 375	Perry E. Thurman.
Asheville, N. C.	4ZD	200, 375	Piedmont Electric Co.
Ashland, Ohio.	8ZN	200, 375	J. W. Kauffman.
Atlanta, Ga.	4XC	200, 375	B. W. Benning.
Atlanta, Ga.	4YA	200, 375	Georgia School of Technology.
Atlanta, Ga.	4YJ	200, 375	Knights of Columbus School.
Atlanta, Ga.	4ZB	200, 375	Georgia Railway & Power Co.
Auburn, Ala.	5XA	200, 375, 425	Alabama Polytechnic Institute.
Auburn, N. Y.	8YA	200, 375	Colby's Telegraph School.
Austin, Tex.	5ZAG	200, 375	George E. Endress.
Austin, Tex.	5ZU	200, 375	Wesley H. Tilley.
Avalon, Calif.	6XAD	Variable.	Lawrence Mott.
Bala, Pa.	3ZA	300, 325	Charles A. Service, Jr.
Baltimore, Md.	3XD	-----	Johns Hopkins University.
Baltimore, Md.	3XG	Variable.	Johns Hopkins University.
Baltimore, Md.	3YH	200, 300, 600	Young Men's Christian Association.
Baltimore, Md.	3ZU	200, 300, 375, 600	Southern Wireless Institute.
Baton Rouge, La.	5ZAC	200, 300, 375, 600	Wilmer L. Barrow.
Battle Creek, Mich.	8YN	200, 375	Battle Creek High School.
Battle Creek, Mich.	8ZC	200, 375	Bert E. Clough.
Baudette, Minn.	9ZC	200, 375	John A. Gjelhau.
Bear Creek, Mont.	7ZG	-----	Winfred E. Slauson.
Bedford, Iowa.	9XAJ	200, 375, 425	Bedford Light, Heat & Power Co.
Belfast, Me.	1XR	300, 400, 600, 1700	International Radio Telegraph Co.
Belleville, Ill.	9XX	200, 375	Chas. B. Harrison.
Berkeley, Calif.	6XK	Variable.	Bernard F. McNamee.
Berkeley, Calif.	6XM	Variable.	University of California.
Bethesda, Md.	3ZF	200, 375	John V. Pursell.
Biloxi, Miss.	5ZAH	200, 300, 375, 600	Hubert S. Ogden.
Blacksburg, Va.	3XN	Variable.	Virginia Polytechnic Institute.
Blackwell, Okla.	5ZZ	200, 375	Schonwald Bros.
Bloomington, Ind.	9YAG	200, 375	Indiana University.
Bloomington, Ill.	9YS	200, 375	Illinois Wesleyan University.
Boise, Idaho.	7YA	200, 375	Independent School District of Boise City.
Boston, Mass.	1YC	-----	Eastern Radio Institute.
Boston, Mass.	1YS	300, 425, 600	Massachusetts Radio & Training School.
Bozeman, Mont.	7XB	Variable.	Montana State College.
Bozeman, Mont.	7ZD	200, 375	R. Earl Dawes.
Brooklyn, N. Y.	2XT	Variable.	Lowenstein Radio Co.
Buena Vista, Ga.	4XE	200, 375	William B. Short.
Buffalo, N. Y.	8YQ	200, 300, 375, 600	Independent Wireless Tele. Co.
Buffalo, N. Y.	8ZM	200, 375	Cyrus H. Fraser.
Burley, Idaho.	7YF	-----	Burley High School.
Burlingame, Calif.	6ZR	200, 300, 375, 600	Hall Berringer.
Burrwood, La.	5XE	Variable.	Tropical Radio Tele. Co.
Cambridge, Mass.	1XAB	Variable.	Clapp-Eastham Co.
Cambridge, Mass.	1XJ	300, 600, 5000, 10000	Harvard University.
Cambridge, Mass.	1XM	Variable.	Massachusetts Institute of Technology.
Camden, N. J.	3YQ	200, 300, 375, 600	Federal Institute of Radio Telegraphy.
Camp Dix, N. J.	2YA	-----	Knights of Columbus.
Canton, Ohio.	8ZV	200, 375	Henry L. Ley.
Casper, Wyo.	7Z0	200, 375	Norman R. Hood.
Charlotte, N. C.	4XD	200, 375	F. M. Laxton.
Chicago, Ill.	9XG	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	9ZAA	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.	5VF	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, 250, 375	Evanston High School.
Evansville, Ind.	9XAH	150, 200, 400	Ideal Apparatus Co.
Forest Hills, Pa.	8XZ	200, 300, 375, 600	Harry M. Ryder.
Fort Pierce, Fla.	4ZN	200, 300, 375, 600	Otis A. Gulledege.
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.
Glensridge, 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. Wikie.
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.	6ZE	200, 375	B. J. Still.
Houston, Tex.	5ZO	200, 300, 375, 425, 600	Clifford W. Vick.
Houston, Tex.	5ZT	200, 260, 375, 600	Ingham S. Roberts III.
Houston, Tex.	5ZV	200, 375, 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.
Julif, 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, Nebr.	9ZAB	200, 375	S. L. Keller.
Knoxville, Tenn.	5XK	Variable.	Philip Stout.
Lacey, Wash.	7YS	200, 375	St. Martin's College.
LeCrosse, 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.	9YC	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, Nebr.	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 Delbert, jr.
Memphis, Tenn.	5XL	200, 325	William B. Stieg.
Meella Park, N. Mex.	5ZJ	200, 375	R. W. Goddard.
Middletown, Conn.	1KN	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.
Moecow, Idaho.	7ZM	200, 375	Jack Woodworth.
Mulga, Ala.	5ZY	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.	Perival 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. Elerie.
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.....	1XP	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, 2500, 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.	Karlenda 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, 300, 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.	Leede 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, 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.....	9ZB	1700	Illinois Watch Co.
Springfield, Ohio.....	8ZAA	200, 375	J. Warren Wright.
State College, N. Mex.....	5XD	200, 400, 600	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.....	3ZB	200, 275, 300, 325, 375, 600	Charles H. Stewart.
St. Louis, Mo.....	9XS	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.....	6XAG	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	Vernor 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.....	6ZX	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.....	8ZL	200, 375	Alexander N. Marquis.

SPECIAL LAND STATIONS GROUPED BY DISTRICTS.

Call signal.	District and station.	Call signal.	District and station.
	First district:		Third district—Continued.
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.
1XJ	Cambridge, Mass.	3XL	Washington, D. C.
1XL	Lynn, Mass.	3XM	Princeton, N. J.
1XM	Cambridge, Mass.	3XN	Blacksburg, Va.
1XN	Middletown, Conn.	3XQ	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	Staunton, 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.
	Second district:	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.		Fourth district:
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	Asherville, N. C.
2YA	Camp Dix, N. J.	4ZN	Fort Pierce, Fla.
2YB	New York, N. Y.		Fifth district:
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.	5XH	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.
	Third district:	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.
	Fifth district—Continued.		Sixth district—Continued.
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.		Seventh district:
6ZA	Roswell, N. Mex.	7XA	Portland, Oreg.
6ZAA	Houston, Tex.	7XB	Bozeman, Mont.
6ZAB	Houma, La.	7XC	Seattle, Wash.
6ZAC	Baton Rouge, La.	7XD	Polytechnic, Mont.
6ZAD	El Paso, Tex.	7XF	Portland, Oreg.
6ZAE	San Antonio, Tex.	7XI	Seattle, Wash.
6ZAF	Waco, Tex.	7XK	Seattle, Wash.
6ZAG	Austin, Tex.	7XZ	Seattle, Wash.
6ZAH	Biloxi, Miss.	7YA	Boise, Idaho.
6ZAI	San Antonio, Tex.	7YB	Eugene, Oreg.
6ZB	Pilot Point, Tex.	7YC	Seattle, Wash.
6ZC	Dallas, Tex.	7YD	Seattle, Wash.
6ZD	Alexandria, La.	7YE	Seattle, Wash.
6ZE	Houston, Tex.	7YF	Burley, Idaho.
6ZF	Waco, Tex.	7YG	Portland, Oreg.
6ZG	Dallas, Tex.	7YH	Portland, Oreg.
6ZH	Sanford, Fla.	7YJ	Corvallis, Oreg.
6ZI	Mezilla Park, N. Mex.	7YK	Portland, Oreg.
6ZK	Franklinton, La.	7YL	Spokane, Wash.
6ZL	Little Rock, Ark.	7YS	Lacey, Wash.
6ZN	Eagle Pass, Tex.	7ZB	Portland, Oreg.
6ZO	Houston, Tex.	7ZD	Bozeman, Mont.
6ZP	New Orleans, La.	7ZE	Elk, Wyo.
6ZR	San Antonio, Tex.	7ZG	Bear Creek, Mont.
6ZS	Shreveport, La.	7ZI	Portland, Oreg.
6ZT	Houston, Tex.	7ZK	Vancouver, Wash.
6ZU	Austin, Tex.	7ZL	Tacoma, Wash.
6ZV	Houston, Tex.	7ZM	Moscow, Idaho.
6ZW	Juliff, Tex.	7ZO	Gasper, Wyo.
6ZX	Houston, Tex.	7ZP	Olympia, Wash.
6ZY	Mulga, Ala.		Eighth district:
6ZZ	Blackwell, Okla.	8XA	Ann Arbor, Mich.
6XAA	San Francisco, Calif.	8XB	Cincinnati, Ohio.
6XAB	San Francisco, Calif.	8XD	Dearborn, Mich.
6XAC	Los Altos, Calif.	8XE	State College, Pa.
6XAD	Avalon, Calif.	8YF	Alderson, W. Va.
6XAE	San Francisco, Calif.	8XH	Pittsburgh, Pa.
6XAF	Oakland, Calif.	8XI	Columbus, Ohio.
6XAG	Sunnyvale, Calif.	8XJ	Lewisburg, Pa.
6XC	San Francisco, Calif.	8XK	Pittsburgh, Pa.
6XD	Los Angeles, Calif.	8XL	Northville, Mich.
6XE	San Jose, Calif. (portable).	8XM	Pittsburgh, Pa.
6XF	San Jose, Calif.	8XN	Pittsburgh, Pa.
6XG	San Francisco, Calif.	8XO	Ridgway, Pa.
6XH	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.	8ZB	Springfield, Ohio.
6ZK	Sunnyvale, Calif.	8ZC	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.
	Eighth district—Continued.		Ninth district—Continued.
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	Marletta, 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.
	Ninth district:	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.	9ZH	Independence, Mo.
9XI	Minneapolis, Minn.	9ZJ	Indianapolis, Ind.
9XJ	Urbana, Ill.	9ZL	Manitowoc, Wis.
9XM	Madison, Wis.	9ZN	Chicago, Ill.
9XS	St. Louis, Mo.	9ZS	Springfield, Ill.
9XT	Collegeville, Minn.	9ZU	Minneapolis, Minn.
9XW	Galesburg, Ill.	9ZV	St. Louis, Mo.
9XX	Belleville, Ill.	9ZX	Ellendale, N. Dak.
9XZ	Urbana, Ill.	9ZY	La Crosse, Wis.
9YAA	Emporia, Kans.	9ZZ	Kansas City, Mo.
9YAB	St. Louis, Mo.		
9YAC	Superior, Wis.		

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.

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. 68-11-27 W.
Bethany Beach, Del.	NSD	Lat. 38-32-45 N., long. 75-03-22 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. 35-14-32 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. 40-39-07 N., long. 73-12-32 W.
Folly Island, S. C.	NZV	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.	NAD	Lat. 42-35-19 N., long. 70-41-06 W.
Grand Island, La.	NLI	Lat. 29-13-52 N., long. 89-59-46 W.
Hog Island, Va.	NCZ	Lat. 37-22-36 N., long. 75-42-37 W.
Jupiter, Fla.	NAQ	Lat. 26-56-59 N., long. 80-04-57 W.
Key West, Fla.	NAR	Lat. 24-33-08 N., long. 81-45-18 W.
Mantoloking, N. J.	NAH	Lat. 40-01-30 N., long. 74-03-10 W.
North Island, S. C.	NZV	Lat. 33-13-21 N., long. 79-11-06 W.
Pass A Loutre, La.	NBX	Lat. 29-11-24 N., long. 89-02-26 W.
Poyners Hill, N. C.	NCZ	Lat. 36-17-10 N., long. 75-48-00 W.
Prices Neck, R. I.	NAF	Lat. 41-27-06 N., long. 71-20-15 W.
Rockaway Beach, N. Y.	NBT	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 (Nantucket), 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.
Farallons 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.

NFH	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 Hueneme, Calif.
NLG	Point Reyes, Calif.	NPW	Eureka, Calif.
NLH	Point Montara, Calif.	NPX	Point Fermin, Calif.
NPD	Tatoosh, Wash.	NRM	Cape Hinchinbrook, 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).....	— . . —
T —	Warning—high power.....	— — . — .
U . . — .	Question (please repeat after .....)—interrupting long messages.....	. . —
V — .	Wait.....	. —
W . — . — .	Break (Bk.) (double dash).....	— —
X — — .	Understand.....	. . . — .
Y — . — . — . — .	Error.....	. . . . .
Z —	Received (O. K.).....	. . — .
Ä (German)	Position report (to precede all position messages).....	—
Å or Ä (Spanish-Scandinavian)	End of each message (cross).....	. — . — . — .
CH (German-Spanish)	Transmission finished (end of work) (conclusion of correspondence)..... — .
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.¹

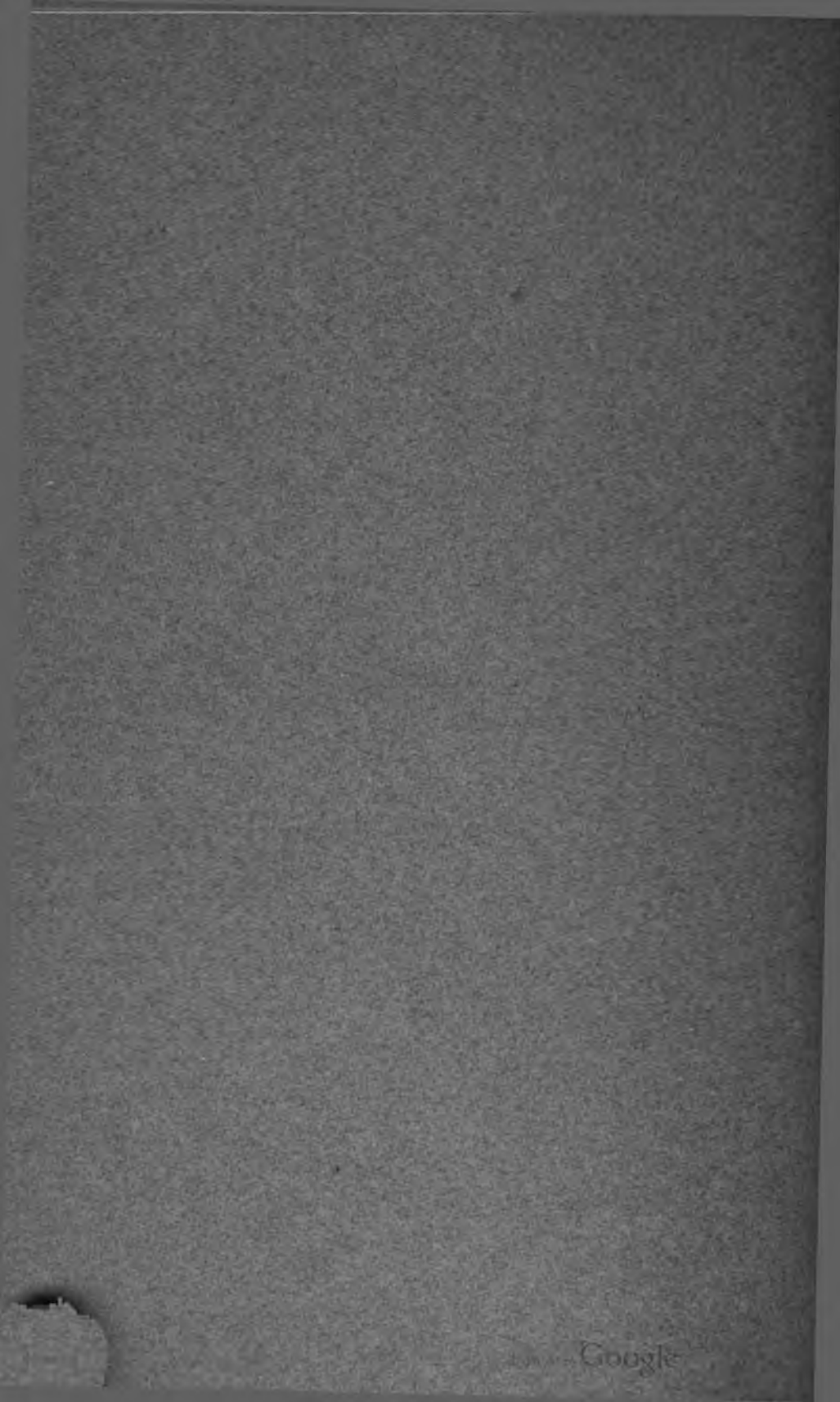
Abbreviation.	Question.	Answer or notice.
C Q	— . . . — . . . —	Signal of inquiry made by a station desiring to communicate.
T R	—	Signal announcing the sending of particulars concerning a station on shipboard (Art. XXII).
(I)	— —	Signal indicating that a station is about to send at high power.
PRB	Do 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..... for adjustment?	I am receiving badly. Please send 20. 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.
QSC	Is my spark bad?	The spark is bad.
QSD	Is my spacing bad?	Your spacing is bad.
QSE	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.
QSI	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.

¹ 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 ¹	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 ¹
QTF	What is my position?	Your position is latitude longitude.

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



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

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

EDITION JUNE 30, 1922



**WASHINGTON
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1922**

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, 25 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.

In looking up a station in this list it should be borne in mind that names of stations consisting of several words, such as Samuel L. Fuller and Hillsborough County, have been placed where they would have appeared if the name consisted of only a single word. This is done in conformity with the publications of the Berne Bureau and International Regulations.

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.

Underscoring of normal wave length is indicated by the use of italics, except in list of Government land stations (see note at head of Government land station list).

ABBREVIATIONS USED IN THIS LIST.

Nature of service:

- PG=General public.
- PR=Limited public.
- RC=Radio compass station.
- 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:

- F. T. Co.=Federal 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.

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...	Rumania.	PXA to PZZ..	Netherlands.
CWA to CWZ..	Uruguay.	Q.....	Reserved for code abbreviations.
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.
HKA 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 autonomous.
KCA to KCZ..	Latvia.	VTA to VWZ..	British India.
KDA to KZZ..	United States.	VXA to VZZ...	Colonies and protectorates 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 XSS..	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 ¹ .	Peru.		
OCA to OFZ...	Great Britain.		
OGA to OIZ...	Denmark.		

¹ 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.

D. B. CARSON,
Commissioner of Navigation.

Approved:

HERBERT HOOVER,
Secretary of Commerce.

COMMERCIAL LAND RADIO STATIONS, ALPHABETI- CALLY BY NAMES OF STATIONS.

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Akutan, Alaska.....	KMW	300, 450, 800..	PR	X	North Pacific Sea Products Co. Alaska Packers Assn. Philippine Insular Government. I. W. T. Co.
Alitak, Alaska.....	KYL	300, 500, 800..	PR	X	
Amuguis, P. I.....	KPB	600, 1,800.....	PG	*(1)	
Babylon, N. Y. (See New York, N. Y.)	WBC				
Balabac, P. I.....	KEW				Philippine Insular Government. R. C. of A.
Barnegat, N. J. (Tucker- ton).	WCI	300, 600, 1800	PR	N	
Batangas, P. I.....	KPC	2700.....	P'G	(2)	Philippine Insular Government. Humble Oil & Refining Co. Magnolia Petroleum Co. Alaska Packers Assn. R. C. of A.
Baytown, Tex.....	KDPS	300, 800.....	PR	X	
Beaumont, Tex.....	WOD	300, 440, 800..	PR	X	
Becharof, Alaska.....	KUDV	300, 500, 800..	PR	X	
Belfast, Me.....	WNN	300, 450, 600, 1800.	PG		
Belmar, N. J. (See New Brunswick, N. J.)	WII				Do.
Bolinas, Calif.....	KET	1331.....	PR	N	Do.
Bolinas, Calif.....	KPH	300, 450, 800, 1800.	PG	N	Do.
Bongao, P. I.....	KEO				Philippine Insular Government. T. R. T. Co.
Boston, Mass.....	WBF	300, 450, 600, 1800.	PG	N	
Bristol Bay, Alaska (See Metha Nelson.)	KMP				Alaska Packers Assn.
Burrwood, La.....	WBW	300, 600, 1700.	PG & PR	X	T. R. T. Co.
Butte, Mont.....	KMN	550, 1700.....	PR	X	Montana Power Co.
Cagayan de Sulu, P. I.....	KEV				Philippine Insular Government.
Camp Eustis, Va., Div. 1	WPF	300, 478, 800..	PR	X	U. S. S. B.
Camp 60, Calif.....	KDPV	527.....	PR	X	Southern California Edison Co.
Camp 61, Calif.....	KDPV	527.....	PR	X	Do.
Camp 61-C, Calif.....	KFM	527.....	PR	X	Do.
Cape Edwards, Alaska.....	KEY	300, 550, 800	PR	X	Deep Sea Salmon Co.
Cape May, N. J.....	WCY	300, 600, 1610.	PG	N	R. C. of A.
Cascada, Calif.....	KDPU	527, 1650.....	PR	X	Southern California Edison Co.
Cebu, P. I.....	KPI	600, 1,800.....	PG	(2)	Philippine Insular Government.
Chatham, Mass.....	WIM	300, 450, 800..	PG	N	R. C. of A.
Chatham, Mass. (See Marion, Mass.)	WSO				R. C. of A.
Cheboygan, Mich.....	KUXM	300, 400, 800..	PR	X	Warren W. Kathan.
Chichagof, Alaska.....	KRX	300, 530, 800..	PR	X	Chichagof Mining Co.
Chignik, Alaska.....	KHC	300, 600, 1610.	PR	X	Alaska Packers Assn.
Chignik, Alaska.....	KNP	300, 525, 600, 1650	PR	X	Columbia River Packers Assn.
Chisik Island, Alaska....	KUCP	300, 550, 600, 1650	PR	X	Surf Packing Co.
Clarks Point, Alaska.....	KHG	300, 400, 500, 800	PR	X	Alaska Packers Assn.
Clearwater, Calif.....	KOK	300, 600, 3375, 4200, 5500	PR	(4)	Federal Telegraph Co.
Cleveland, Ohio.....	KDPM	300, 330, 500, 600, 1610	P	X	Westinghouse Electric & Mfg. Co.
Coram Hill, N. Y.....	WQL	300, 600, 19000	PR	X	R. C. of A.
Culion, P. I.....	KPJ	600, 1,200.....	PG	(1)	Philippine Insular Government.
Cuyo, P. I.....	KIX	600, 1,200.....	PG	(1)	Do.
Dallas, Tex.....	KUXP	300, 500, 800..	PR	N	Continental Radio Teleg. & Telep. Co.
Daly, Alaska.....	KDJT	300, 500, 800..	PR	X	Alaska-Portland Packers Assn.
Davao, P. I.....	KIF	600, 1,200.....	PG	(1)	Philippine Insular Government.
Dearborn, Mich.....	KDEN	300, 460, 480, 500, 520, 800	PR	X	Henry Ford.
Detroit, Mich.....	KDPH	300, 400, 600, 1625	PR	X	Detroit-Edison Co.
Detroit, Mich.....	WQX	275, 300, 350, 600	PR	(4)	Central States Radio Service.
East Hampton, N. Y.....	WSA	300, 600.....	PG	N	I. W. T. Co.
East Moriches, N. Y.....	WSE	300, 600, 1800, 2800	PG & PR	N	Do.
Egegik, Alaska.....	KMF	300, 330, 600..	PR	X	Libby, McNeill & Libby.
Eruk, Alaska.....	KMG	300, 500, 800..	PR	X	Do.
Ensenada, P. R.....	WPR	300, 600, 1800.	PG	(2)	S. Porto Rico Sugar Co. of Porto Rico.

* See footnotes to this table on p. 12.

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

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Everett, Wash.....	KFT	308, 446, 560, 600	PG	N	American Tugboat Co.
Everett, Wash.....	KJB	200, 300, 340, 600	PR	X	Puget Sound Telephone Co.
Fairport, Va.....	KDAH	300, 450, 600..	PR	(5)	C. E. Davis Packing Co.
False Pass, Alaska.....	EJL	286, 526, 666, 2000	PR	X	P. E. Harris & Co.
Ferrie Oil Field, Wyo...	KDIC	425.....	PR	X	General Petroleum Corp. of Calif.
Flat Rock, Mich.....	WFD	300, 385, 600..	PR	X	Ford Motor Co.
Fort Morgan, Ala.....	WIO	300, 450, 600, 1700	PR	X	T. R. T. Co.
Fort Worth, Tex.....	KDMK	500.....	PR	N	Continental Radio Teleg. & Teleg. Co.
Fort Worth, Tex.....	WCV	440.....	PR	(1)	Midland Refining Co.
Frankfort, Mich.....	WFK	300, 450, 600..	PG	(7)	Ann Arbor Ry. Co.
Funter, Alaska.....	KXK	300, 566, 666..	PR	X	Think Packing Co.
Galveston, Tex.....	KDLZ	300, 375, 425, 600	PR	X	Sugarland Industries.
Harrisburg, Pa.....	WBAK	400.....	PR	X	Pennsylvania State police.
Hawk Inlet, Alaska.....	KKAI	300, 550, 600..	PR	X	P. E. Harris & Co.
Hillsboro, Oreg.....	KGH	300, 600, 4100, 6200, 8500	PR	X	F. T. Co.
Hog Island, Pa.....	KDAB	.....	P	X	Am. International Shipping Corp.
Honolulu, Hawaii.....	KYQ	200, 340.....	PR	X	The Radio Shop.
Hyder, Alaska.....	KBFA	300, 550, 600, 1640	PR & PG	X	Hyder Townsite & Improvement Co.
Iktan, Alaska.....	KXW	300, 450, 600..	PR	X	Pacific American Fisheries.
Iloilo, P. I.....	KPM	600, 720.....	PG	(3)	Philippine Insular Government.
Isabela de Basilan, P. I.	KPN	200.....	PG	(1)	Do.
Johnswood, Mich.....	KUVQ	300, 450, 600..	PR	X	Kreatan Co.
Jolo, P. I.....	KIL	600.....	PG	(7)	Philippine Insular Government.
Jordan, Mont.....	KUVR	500.....	PR	(1)	Miles City-Jordan Wireless Co.
Jualin, Alaska.....	KJA	300, 600, 1680..	PG	X	Jualin Alaska Mines Co.
Kahuku, Hawaii (Oahu Station).	KGI	16300.....	PR	N	R. C. of A.
Kahuku, Hawaii.....	KIE	9145, 16975..	PR	N	Do.
Karluk, Alaska.....	KYK	300, 500, 600..	PR	X	Alaska Packers Assn.
Kaunakakai, Hawaii.....	KHO	300, 530, 600..	PR	(3)	Mutual Telephone Co.
Kawaihae, Hawaii.....	KHN	300, 550, 600..	PR	(10)	Do.
King Cove, Alaska.....	KJK	300, 450, 600, 1640	PG & PR	X	Pacific American Fisheries Co.
Kogiung (permanently moored vessel).	KUBX	300, 400, 600..	PR	X	Alaska Packers Assn.
Kogiung, Alaska.....	KVV	300, 450, 600, 1600	PR	X	Libby, McNeill & Libby.
Kokohead, Hawaii. (See Kahuku, Hawaii.)	KIE	.....	.....	.....	R. C. of A.
Kussilof, Alaska.....	KKAO	523, 600, 1610	PR	X	Alaska Packers Assn.
Kvichak, Alaska.....	KHB	300, 400, 500, 600	PR	X	Do.
Kwiguk Slough, Alaska..	KOV	550, 600, 1610.	PR & PG	X	Carlisle Packing Co.
Lahaina, Hawaii.....	KHL	300, 350, 600..	PR	(9)	Mutual Telephone Co.
Laramie, Wyo.....	KDC	1685.....	PR	X	Illinois Pipe Line Co.
Latouche, Alaska.....	KIM	300, 600, 1650.	PR & PG	X	Kennecott Copper Corp.
Lawrenceville, Ill.....	WJB	1625.....	PR	X	Indian Pipe Line Corp.
Lazy Bay, Alaska.....	KMPS	300, 600, 1650.	PR	X	Alitak Packing Co.
Libbyville, Alaska.....	KET	300, 600, 1700 2200	PR & PG	X	Libby, McNeill & Libby.
Lihue, Hawaii.....	KHM	300, 550, 600..	PR	(9)	Mutual Telephone Co.
Lima, Ohio.....	WBY	1685.....	PR	X	Illinois Pipe Line Co.
Lockanok, Alaska.....	KML	300, 550, 600, 1650	PR	X	Libby, McNeill & Libby.
Long Beach, Calif.....	KUXT	300, 350, 400, 450, 500, 600	PR	(9)	Pacific Teleg. & Teleg. Co.
Los Angeles, Calif.....	KHI	300, 600, 1650.	PR	X	Southern California Edison Co.
Los Angeles, Calif.....	KVT	300, 600, 1610.	PR	X	Boulevard Express.
Lost Harbor, Alaska.....	KWS	300, 600.....	PR	X	Alaska Sulphur Co.
Ludington, Mich.....	WLD	300, 450, 600..	PG	(11)	Pere Marquette Ry. Co.
Malabang, P. I.....	KIZ	600, 1200.....	PG	(3)	Philippine Insular Government.
Malangas, P. I.....	KPV	300, 600.....	PG	(1)	Do.
Malita, P. I.....	KPW	600, 1200.....	PG	(1)	Do.
Manitowoc, Wis.....	WMW	300, 475, 600..	PG	(12)	Pere Marquette Ry. Co.
Marion, Mass.....	WCC	300, 600, 2800.	PG	N	R. C. of A.
Marion, Mass. (Matapoi- sett.)	WRQ	13900.....	PR	N	Do.
Marion, Mass.....	WSO	11620.....	PR	N	Do.
Marshall, Alaska.....	KIS	300, 550, 600, 1650	PR	X	John C. Currin.

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

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Marshall, Calif. (See Bolinas, Calif.)	KEF				R. C. of A.
Martinsville, Ill.	WHY	1685	PR	X	Illinois Pipe Line Co.
Matt, P. I.	KPZ				Philippine Insular Government.
Metha Nelson (moored vessel).	KMP	300, 400, 600	PR	X	Alaska Packers Assn.
Mexia, Tex.	WFM	300, 475, 600	PR	(^u)	Continental Radio Teleg. Co.
Miles City, Mont.	KUXN	500	PR	(^e)	Miles City-Jordan Wirelss Co.
Minneapolis, Minn.	WLP	425	PR	X	Northern States Power Co.
Nakat Inlet, Alaska	KDW	300, 525, 600, 1700, 2000	PR	X	G. W. Hume & Co.
Naknek, Alaska	KHT	300, 600, 1610	PR	X	Alaska Packers Assn.
Naknek, Alaska	KMK	300, 500, 600, 1800	PR	X	Naknek Packing Co.
Negley, Ohio	WCQ	1635	PR	X	Illinois Pipe Line Co.
Nelson Lagoon, Alaska	KXV	300, 450, 600	PR	X	Pacific American Fisheries.
New Brunswick, N. J.	WII	13600	PR	N	R. C. of A.
New Brunswick, N. J. (Bound Brook).	WRT	11500	PR	N	Do.
New London, Conn.	WLC	300, 450, 600	PG	(^u)	Do.
New London, Conn.	WST	300, 450, 600	PG	N	I. W. T. Co.
New Orleans, La.	WNU	300, 600, 1700, 2850	PG	N	T. R. T. Co.
New York, N. Y.	KUVS	300, 400, 450, 600	PR	X	City of New York Police Dept.
New York, N. Y. (Baby-lon).	WBC	300, 600, 1800	PG	N	I. W. T. Co.
New York, N. Y.	WCG	300, 475, 600	PG	N	Do.
New York, N. Y.	WHI	300, 600, 1700	PR	(^u)	John Wanamaker.
New York, N. Y.	WNY	300, 600, 1800	PG	N	R. C. of A.
New York, N. Y.	WSK	300, 450, 600	PR	(^u)	Panama R. R. Co.
Nixon Fork, Alaska	KDRY	300, 600, 1650	PR	X	Alaska Treadwell Gold Mining Co.
Norfolk, Nebr.	WKH	440	PR	(^u)	Midland Refining Co.
Norfolk, Va.	WPF	300, 475, 600	PR	X	Norfolk Dept. of Public Safety.
Northville, Mich.	KDEP	300, 425, 600	PR	X	Henry Ford.
Nushagak, Alaska	KKAE	300, 600, 1600	PR	X	Libby, McNeill & Libby.
Orange, Tex.	WBAR	1625	PR	X	Hamilton Oil Corp.
Orange Field, Tex.	WBAS	1625	PR	X	Do.
Owensboro, Ky.	WJC	1625	PR	X	Indian Pipe Line Corp.
Palo Alto, Calif.	KWT	300, 600, 3100, 3700, 4300, 4650, 5350, 7775	PR	X	F. T. Co.
Pedrocas, Calif. (Santa Catalina I.).	KUXV	300, 350, 400, 450, 500, 600	PR	(^u)	Pacific Teleg. & Teleg. Co.
Philadelphia, Pa.	WHE	300, 600, 1700	PR	(^u)	John Wanamaker.
Pike, Ky.	WAAI	1610	PR	X	Sullivan Pond Creek Co.
Pilot Point, Alaska	KUDT	300, 500, 600	PR	X	Alaska Packers Assn.
Pirate Cove, Alaska	KOZN	300, 600, 1650	PR	X	Union Fish Co.
Point Reyes, Calif. (Bolinas).	KDU	300, 600, 12100	PR	N	R. C. of A.
Port Althorp, Alaska	KLW	300, 450, 525, 600	PR	X	Deep Sea Salmon Co.
Port Beauchaire, Alaska	KWO	300, 360, 600	PR	X	Beauchaire Packing Co.
Port Huron, Mich.	KDPJ	300, 400, 600, 1625	PR	X	Detroit-Edison Co.
Port Lebak, P. I.	KPX				Philippine Insular Government.
Port Moller, Alaska	KWR	300, 450, 600, 1610	PR	X	Pacific American Fisheries.
Port Walter, Alaska	KEQ	300, 500, 525, 600	PR & PG	X	Alaska Herring & Sardine Co.
Puerto Princesa, P. I.	KIV	600, 1800	PG	(^u)	Philippine Insular Government.
Quincy, Mass.	KDGU	300, 600, 1985	PR	X	Bethlehem S. B. Corp.
Radioville, Alaska	KWW	300, 550, 600	PR	X	Joseph T. Bauer.
Rainbow, Mont. (near Great Falls).	KLQ	550, 1700	PR	X	Great Falls Power Co.
Rawlins, Wyo.	KDIB	425	PR	X	General Petroleum Corp. of Calif.
Rockland, Me.	WME	300, 425, 600	PR & PG	X	Swans Island & Rockland Radio Communication Service.
Rogers, Mich.	WCAF	300, 450, 475, 600	PR	X	Mich. Limestone & Chemical Co.
Ruby (moored vessel)	KDRH	300, 400, 600	PR	X	Alaska Packers' Assn.
Saltchuck, Alaska	KWQ	300, 525, 600, 1650	PR	X	Saltchuck Mining Co.
San Diego, Calif.	KEN	300, 450, 600	PR	X	A. E. Banks.
San Diego, Calif.	KVU	300, 600, 1610	PR	X	Boulevard Express.

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

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
San Francisco, Calif.....	KDRO	300, 450, 600, 1605	PR	X	Bethlehem S. B. Corp.
San Francisco, Calif. (Beach station).	KFS	300, 600, 1800.	PG	N	F. T. Co.
San Francisco, Calif.....	KHH	300, 570, 600..	PR	X	John P. Hickey.
San Francisco, P. I. (Camotes).	KPY	300, 600.....	PG	(1)	Philippine Insular Government
San Jose, P. I.....	KIY	600.....	PG	(1)	Do.
Savannah, Ga.....	WBAL	300, 450, 600..	PR	X	U. S. S. B.
Seattle, Wash.....	KFL	200, 300, 340, 600	PR	X	Garrison Babcock.
Seattle, Wash.....	KPE	300, 450, 550, 600	PR	N	City of Seattle, harbor dept.
Seattle, Wash.....	KVW	300, 450, 550, 600	PR	X	City of Seattle, light dept.
Seldovia, Alaska.....	KEA	300, 550, 600..	PG PR & PG	X	Adam Lipke.
Siasconset, Mass.....	WSC	300, 450, 600, 1610	PG	X	R. C. of A.
Siati, P. I.....	KED				Philippine Insular Government.
Skagit Power Site, Wash.	WJE	300, 450, 550, 600	PR	X	City of Seattle, light dept.
Snag Point, Alaska.....	KHF	300, 400, 500, 600	PR	X	Alaska Packers' Assn.
Springfield, Ohio.....	WNA	465.....	PR	X	Ford Motor Co.
Springwells, Mich.....	WPZ	300, 480, 520, 600	PR	X	Do.
St. James, N. Y.....	WQK	16465.....	PR	N	R. C. of A.
Sugarland, Tex.....	KDLY	300, 375, 425, 600	PR	X	Sugarland Industries.
Superior, Mich.....	KDPI	300, 500, 600, 1625	PR	X	Detroit-Edison Co.
Swans Island, Me.....	WTI	300, 425, 600..	PR	X	Swans Island & Rockland Radio Communication Service.
Tampa, Fla.....	WPD	300, 600.....	PG	N	George C. Warner, jr.
Tenakee, Alaska.....	KOSC	300, 550, 600..	PG	X	Columbia Salmon Co.
Thompson Falls, Mont...	KLL	550, 1700.....	PR	X	Thompson Falls Power Co.
Toledo, Ohio.....	WQC	275, 300, 350, 600	PR	(9)	Central States Radio Service.
Tralee, W. Va.....	WCAA	525.....	PR	X	Meade Pocahontas Coal Co.
Tuckerton, N. J.....	WGG	15900.....	PR	N	R. C. of A.
Tulsa, Okla.....	KDGT	425, 450.....	PR	N	Southwestern Wireless Teleg. & Telep. Co.
Tulsa, Okla.....	WBAT	1625.....	PR	X	Hamilton Oil Corp.
Tulsa, Okla.....	WEH	1610.....	PR	X	Midland Refining Co.
Ugashik, Alaska.....	KMU	300, 500, 600..	PR	X	Red Salmon Canning Co.
Unga, Alaska.....	KVI	300, 600, 1800.	PR	X	Alaska Codfish Co.
Uyak, Alaska.....	KHA	300, 600, 1610.	PR	X	Alaska Packers' Assn.
Wahiawa, Hawaii.....	KHK	300, 550, 600..	PG	N	Mutual Telephone Co.
Warren, Alaska.....	KDJU	300, 500, 600..	PR	X	Alaska-Portland Packers' Assn.
Washington Bay, Alaska	KQS	300, 550, 600, 1650	PR	X	Petersburg Packing Co.
Wichita Falls, Tex.....	KUXQ	1750.....	PR	N	Continental Radio Teleg. & Telep. Co.
Yakutat, Alaska.....	KKA	300, 550, 600..	PR	X	Libby, McNeill & Libby.
Zamboanga, P. I.....	KIW	600, 1800.....	PG	(2)	Philippine Insular Government.

1 8 a. m. to 5.30 p. m.

2 7 a. m. to 8 p. m.

3 7 a. m. to 11 p. m.

4 8.30 a. m. to 6 p. m.

5 5 a. m. to 12 noon and 1 to 10 p. m.

6 7 a. m. to 6 p. m.

7 8 a. m. to 12 noon, 1 to 5 p. m., 8 p. m. to midnight, and 1 to 5 a. m.

8 8 a. m. to 6 p. m.

9 7 a. m. to 5.30 p. m.

10 7 a. m. to 12 p. m.

11 5 a. m. to 12 midnight.

12 23 hours daily.

13 7.30 a. m. to 11 p. m.

14 9 a. m. to 5 p. m.

15 9 a. m. to 6 p. m., except Sunday.

16 9 a. m. to 6 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. Daugherty...	KDXH	300, 450, 600...	PG-X	National Oil Transport Co....	I. W. T. Co.
A. A. Augustus...	KDXQ	300, 600	PG-X	Pioneer S. S. Co.	R. C. of A.
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.	do.
Abner Coburn.....	WHR	300, 550, 600...	PG-X	Libby, McNeill & Libby.....	Do.
Abraham Lincoln.....	KIXS	300, 600	PG-X	U. S. S. B.	do.
Abron.....	KEBD	300, 450, 600...	PG-X	do.	do.
Absaroka.....	KWK	300, 600	PG-X	do.	do.
Absecon.....	KSEA	300, 600	PG-X	A. H. Bull S. S. Co.	I. W. T. Co.
A. C. Bedford.....	KNZ	300, 450, 600...	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Accomac.....	KMCE	300, 600	PG-X	U. S. S. B.	do.
Achilles.....	KPT	300, 450, 600...	PG-N	Panama R. R. Co.	S. O. R. S.
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.
Adam E. Cornelius	KDVF	300, 600	PG-X	American S. S. Co.	Owner of vessel.
Adler.....	KDIT	300, 600	PG-X	Coronal Coal Co.	do.
Admiral Dewey.....	WAY	300, 600	PG-N	Pacific S. S. Co.	R. C. of A.
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, 450, 600...	PG-X	Pacific-Alaska Navigation Co.	Do.
Admiral Sims.....	KXUO	300, 440, 525, 600	PG-X	do.	Owner of vessel.
Admiral Watson.....	WAW	300, 450, 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.
A. E. R. Schneider	WFUI	300, 450, 600...	PG-X	Morrow S. S. Co.	I. W. T. Co.
Afel.....	KISQ	300, 600	PG-X	U. S. S. B.	R. C. of A.
Afoundria.....	KOMQ	300, 600	PG-X	do.	do.
Agarista.....	KLUU	300, 600	PG-X	do.	S. O. R. S.
Agawam.....	WNE	300, 450, 600...	PG-X	do.	do.
Agnes Dollar.....	WSF	300, 450, 600...	PG-X	Dollar S. S. Line.	do.
Agron.....	KUVJ	300, 600	PG-X	U. S. S. B.	do.
Agwibay.....	KDSR	300, 600	PG-X	Guaranty Trust Co.	I. W. T. Co.
Agwidale.....	WDOA	300, 450, 600...	PG-X	Mallory S. S. Co.	Do.
Agwihavre.....	KDRX	300, 450, 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.
Agwimex.....	KDUQ	300, 600	PG-X	do.	Do.
Agwimoon.....	KDBC	300, 600	PG-X	do.	Do.
Agwisea.....	KDMB	300, 600	PG-X	do.	Do.
Agwsmith.....	KDRC	300, 600	PG-N	do.	Do.
Agwistar.....	KEPG	300, 450, 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.
Ala.....	KDOB	300, 450, 600...	PG-X	U. S. S. B.	S. O. R. S.
Alabama.....	WFB	300, 600	PG-X	Goodrich Transit Co.	R. C. of A.
Alabama.....	WRAE	300, 600	PG-X	Texas Co.	do.
Aladdin.....	KDQM	300, 600	PG-X	Standard Transportation Co.	Do.
Alameda.....	KOBN	300, 600	PG-N	U. S. S. B.	S. O. R. S.
Alameda.....	WAA	300, 450, 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.	do.
Alaskan.....	WKA	300, 450, 600...	PG-X	American-Hawaiian S. S. Co.	United Am. Lines.
Alberta.....	KFAK	300, 600	PG-X	do.	do.
Alberta.....	KZA	300, 600, 1800	PG-X	Fred G. Bourne.....	do.
Albert E. Watts.....	KDOK	300, 600	PG-X	Sinclair Navigation Co.	R. C. of A.
Alcona.....	WLUO	300, 450, 600...	PG-X	U. S. S. B.	do.
Aledo.....	KEPL	300, 600	PG-X	do.	I. W. T. Co.
Algic.....	KDDC	300, 450, 600...	PG-X	do.	Do.
Algonquin.....	KIZT	300, 450, 600...	PG-N	Clyde S. S. Co.	Do.

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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—
Algonquin.....	KDKH	300, 450, 600.	PG-X	Standard Transportation Co..	R. C. of A.
Alicia.....	KZB	300, 600.	PG-X	Alfred I. Du Pont.....	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..	S. O. R. S.
All America.....	KDWF	300, 450, 600.	PG-N	Mexican Telegraph Co..	Owner of vessel.
Allegheny.....	WRAI	300, 600.	PG-X	Great Lakes Transit Corp..	
Allen.....	KDXC	300, 600.		Dennis Sullivan.....	
Allentown.....	KVIU	300, 600.	PG-X	U. S. S. B.....	
Alliance.....	KMA	300, 450, 600.	PG-N	Panama R. R. Co.....	Do.
Alliance.....	WRV	300, 600.	PG-X	Gulf Mail S. S. Co.....	
Allies.....	KQVA	300, 600.	PG-X	U. S. S. B.....	
Alloway.....	KTAA	300, 450, 600.	PG-X	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 Trans. Co.....	R. C. of A.
Alpha.....	KDWO	300, 600.		E. C. Schroeder.....	Owner of vessel.
Amazon.....	KDXP	300, 600.	PG-X	Pioneer S. S. Co.....	R. C. of A.
Ambridge.....	KIKQ	300, 600.	PG-N	U. S. S. B.....	
A. M. Byers.....	WMY	300, 600.	PG-X	North American S. S. Co.....	Do.
Amcross.....	KOVF	300, 600.	PG-X	U. S. S. B.....	
Amelia.....	WRF	300, 450, 600.	PG-X	Atlantic Fruit Co.....	I. W. T. Co.
America.....	KDOW	300, 450, 600, 1800	PG-N	U. S. S. B.....	R. C. of A.
American.....	WKF	300, 450, 600.	PG-X	American-Hawaiian S. S. Co..	United Am. Lines.
American Legion.....	KDTM	300, 600, 1800.	PG-N	U. S. S. B.....	S. O. R. S.
American Press.....	KUDN	300, 450, 600.	PG-X	do.....	R. C. of A.
American Star.....	KIPP	300, 450, 600.	PG-X	American Star Line (Inc.)...	Do.
Amolco.....	KMB	300, 600.	PG-X	Boston Molasses Co.....	Owner of vessel.
Amphion.....	WJS	300, 600.	PG-N	U. S. S. B.....	R. C. of A.
Anaconda.....	KOFD	300, 450, 600.	PG-N	do.....	Do.
Anacortes.....	KQOA	300, 450, 600.	PG-X	do.....	I. W. T. Co.
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.	KIFV	300, 450, 600.	PG-N	Luckenbach S. S. Co.....	S. O. R. S.
Angeles. (See The Angeles).					
Aniwa.....	KROE	300, 600.	PG-N	U. S. S. B.....	
Anahuac.....	KUZL	300, 600.	PG-X	do.....	
Andrew Jackson.....	KONQ	300, 600.	PG-X	do.....	
Auna E. Morse.....	KUTD	300, 600.	PG-X	do.....	I. W. T. Co.
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. (Inc.)...	Do.
Annetta.....	WRG	300, 450, 600.	PG-X	Atlantic Fruit Co.....	I. W. T. Co.
Annette Rolph.....	KETZ	300, 600.	PG-X	Rolph Navigation & Coal Co..	Owner of vessel.
Anniston.....	KIDM	300, 450, 600.	PG-X	U. S. S. B.....	
Anniston City.....	KDSG	300, 450, 600.	PG-X	U. S. Steel Products Co.....	S. O. R. S.
Anthracte Bridge.	KUKG	300, 600.	PG-X	U. S. S. B.....	
Antietaam.....	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	U. S. S. B.....	Do.
Antonia.....	KOLD	300, 600.	PG-N	Madrigal & Co.....	
Anvil.....	KDYP	300, 425, 600.	PG-X	Howard N. Findlay.....	Owner of vessel.
Apache.....	KVA	300, 600.	PG-N	Clyde S. S. Co.....	I. W. T. Co.
Apex.....	KGVI	300, 425, 600.	PG-X	Wilson Fisheries Co.....	Owner of vessel.
Apus.....	KDBZ	300, 600.	PG-X	U. S. S. B.....	I. W. T. Co.
Aquarius.....	KUSN	300, 600.	PG-X	do.....	Do.
Aquila.....	KOCJ	300, 425, 600.	P-X	H. F. Alexander.....	Owner of vessel.
Arapahoe.....	KVB	300, 600.	PG-N	Clyde S. S. Co.....	I. W. T. Co.
Arcadia.....	WWD	300, 600.	PG-X	U. S. S. B.....	
Archer.....	KXG	300, 600.	PG-X	do.....	R. C. of A.
Arcturus.....	KURD	300, 450, 600.	PG-X	do.....	S. O. R. S.
Arden.....	KDPN	300, 600.	PG-X	do.....	
Ardinore.....	KIA	300, 450, 600.	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Arcuas.....	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.
Argosy.....	KDHL	300, 450, 600.	PG-X	U. S. S. B.....	S. O. R. S.
Argus.....	KUVD	300, 600.	PG-X	do.....	I. W. T. Co.
Ario.....	KULM	300, 450, 600.	PG-X	Standard Transportation Co..	R. C. of A.
Arizona.....	WFG	300, 600.	PG-X	Goodrich Transit Co.....	Do.
Arizona.....	WKB	300, 600.	PG-X	American-Hawaiian S. S. Co..	United Am. Lines.
Arizona.....	KULN	300, 450, 600.	PG-X	U. S. S. B.....	
Arizona.....	KYM	300, 600.	PG-X	do.....	
Artemia.....	KYM	300, 600.	PG-X	do.....	I. W. T. Co.
Artemis.....	KDLJ	300, 600.	PG-X	Jewett M. Scott.....	Owner of vessel.
Artemis.....	WQS	300, 600.	PG-N	U. S. S. B.....	

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Artigas.....	KURG	300, 450, 600.	PG-X	U. S. S. B.	I. W. T. Co.
Aryan.....	KOLB	300, 450, 600.	PG-X	Texas Co.	Do.
Asabeth.....	KIXG	300, 600.	PG-X	U. S. S. B.	Do.
Ascotney.....	KYV	300, 600.	PG-N	do.	R. C. of A.
Ashbee.....	KIGZ	300, 450, 600.	PG-X	do.	do.
Asher J. Hudson.	KDWG	300, 600.	PG-X	Sabine Towing Co.	I. W. T. Co.
Ashland County.	KOMR	300, 450, 600.	PG-X	U. S. S. B.	do.
Ashtabula.....	WEZ	300, 600.	PG-X	Pa. & Ontario Nav. 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.
Assinippi.....	KIPB	300, 600.	PG-X	do.	do.
Astoria.....	KDYT	300, 600.	PG-X	Richard T. Green Co.	do.
Astral.....	KIQ	300, 450, 600.	PG-X	Staudard Transportation Co.	Do.
Asuncion.....	WTX	300, 450, 600.	PG-X	G. W. McNear (Inc.)	Do.
Atenas.....	KDK	300, 600.	PG-N	United Fruit S. S. Corp.	T. R. T. Co.
Atlanta City.....	KDSW	300, 600.	PG-X	U. S. Steel Products Co.	S. O. R. S.
Atlanta of Texas.	KDCN	300, 600.	PG-X	U. S. S. B.	do.
Atlantic Sun.....	KUMS	300, 450, 600.	PG-X	Sun Co.	R. C. of A.
Atlas.....	WTT	300, 600.	PG-X	Standard Oil Co. of Calif.	Do.
Auburn.....	WDOE	300, 450, 600.	PG-N	U. S. S. B.	do.
Auditor.....	KOFF	300, 450, 600.	PG-X	do.	do.
Ausable.....	WWP	300, 600.	PG-X	American Transatlantic Co.	S. O. R. S.
Australia.....	KDXO	300, 600.	PG-X	Pioneer S. S. Co.	R. C. of A.
Avalon.....	KIZL	300, 600.	PG-X	Hart-Wood Lumber Co.	Owner of vessel.
Avalon.....	WFH	300, 600.	PG-X	Wilmington Transpn. Co.	R. C. of A.
Avondale.....	KKAU	300, 600.	PG-X	U. S. S. B.	do.
Babboosic.....	KITC	300, 600.	PG-N	do.	do.
Babinda.....	KODP	300, 600.	PG-X	Ocean Motorship Co.	Owner of vessel.
Baccarat.....	KUSX	300, 600.	PG-X	Independent S. S. Co.	R. C. of A.
Bacoi.....	KJU	300, 450, 600.	PG-X	Gillespie S. S. Corp.	do.
Bakersfield.....	KIZC	300, 600.	PG-X	U. S. S. B.	I. W. T. Co.
Baldbutte.....	KISM	300, 600.	PG-X	do.	do.
Baldhill.....	KOBV	300, 600.	PG-X	do.	do.
Baldrock.....	KEQJ	300, 450, 600.	PG-X	U. S. & Bermuda Towing Co.	S. O. R. S.
Ballcamp.....	KENV	300, 450, 600.	PG-X	U. S. S. B.	do.
Ballenas.....	KEMZ	300, 600.	PG-X	do.	Do.
Ballow.....	KENQ	300, 600.	PG-X	do.	do.
Balsam.....	KIJC	300, 600.	PG-X	do.	do.
Bannack.....	KIZQ	300, 450, 600.	PG-X	do.	I. W. T. Co.
Banta.....	KLM	300, 450, 600.	PG-X	U. S. Steel Products Co.	R. C. of A.
Baracoa.....	KEBN	300, 450, 600.	PG-X	U. S. S. B.	Do.
Bar Harbor.....	KEFD	300, 600.	PG-X	do.	I. W. T. Co.
Barkhamstead.....	WLOU	300, 600.	PG-X	do.	do.
Barlow.....	WLAU	300, 600.	PG-X	do.	S. O. R. S.
Barrallton.....	KIDT	300, 600.	PG-X	do.	do.
Barranca.....	KIFB	300, 600.	PG-X	Bisso Towboat Co. (La.)	Do.
Barrenfark.....	KIJD	300, 600.	PG-X	U. S. S. B.	R. C. of A.
Barryton.....	KIJF	300, 600.	PG-X	do.	do.
Barstow.....	KIJR	300, 600.	PG-X	do.	do.
Bartholomew.....	KOMF	300, 600.	PG-X	do.	do.
Barwick.....	KOBR	300, 600.	PG-X	do.	I. W. T. Co.
Basco.....	WVEI	300, 600.	PG-N	do.	do.
Bascoebel.....	KOFS	300, 600.	PG-X	France & Canada Oil Tr. Corp.	R. C. of A.
Basford.....	KOFR	300, 600.	PG-X	do.	Do.
Bathalum.....	KIQT	300, 600.	PG-X	U. S. S. B.	do.
Bathgate.....	KIQS	300, 600.	PG-X	Southern Transportation Co.	do.
Baton Rouge.....	KDVX	300, 600.	PG-X	Inland & Coastwise W. Serv.	Owner of vessel.
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	N. Y. & Cuba Mail S. S. Co.	I. W. T. Co.
Bay Head.....	KINT	300, 450, 600.	PG-X	U. S. S. B.	do.
Bayonne.....	KFAG	300, 600.	PG-X	Vacuum Oil Co.	R. C. of A.
Bayou Chico.....	KDGK	300, 600.	PG-X	U. S. S. B.	I. W. T. Co.
Bayport.....	KUJC	300, 600.	PG-X	National Oil Transport Co.	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.	I. W. T. Co.
Beatrice.....	KIJL	300, 600.	PG-X	A. H. Bull. S. S. Co.	Do.
Belfast.....	KRD	300, 450, 600.	PG-X	Eastern S. S. Lines	R. C. of A.
Belfort.....	KIQB	300, 600.	PG-X	U. S. S. B.	do.
Bellbuckle.....	KITK	300, 600.	PG-X	do.	do.
Bellemina.....	KODS	300, 450, 600.	PG-X	do.	Radio supr., Norfolk, Va.
Belleplaine.....	KOKF	300, 450, 600.	PG-N	do.	do.
Bellerose.....	KOKD	300, 450, 600.	PG-N	do.	do.
Bellflower.....	KOPQ	300, 600.	PG-N	do.	do.
Bellhaven.....	KOFC	300, 600.	PG-N	do.	do.
Bellingham.....	WCIA	300, 450, 600.	PG-X	do.	I. W. T. Co.
Belvidere.....	KEQK	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—
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.	
Benowa	KOTZ	300, 600	PG-X	Ocean Motorship Co.	
Bensalem	KOFT	300, 600	PG-X	U. S. S. B.	
Berlin	WRB	300, 600	PG-X	Alaska-Portl'd Packers' Assn.	Owner of vessel.
Bernice	KDYF	300, 465, 600.	PG-X	R. H. Arnold.	Do.
Bessemer	KIGT	300, 450, 600.	PG-X	U. S. S. B.	
Bessemer City	KDOF	300, 450, 600.	PG-X	U. S. Steel Products Co.	R. C. of A.
Bethelridge	KERT	300, 600	PG-N	U. S. S. B.	I. W. T. Co.
Bethlehem Bridge.	KIJV	300, 600	PG-X	do.	
Bethlehem Shipbuilding Corp. ¹	KUFP			Bethlehem Shipbuilding Corp.	Owner of vessel.
Bethore.	KDWW	300, 600	PG-X	Ore S. S. Co.	R. C. of A.
Betsy Bell.	KITM	300, 600	PG-N	U. S. S. B.	
Betterton	KUBG	300, 600	PG-X	do.	
Betty R.	KDTF	200, 300, 600.	PR-X	Edward C. Crossett.	Owner of vessel.
Bibbco	KDHJ	300, 450, 600.	PG-X	U. S. S. B.	S. O. R. S.
Bidwell	KESQ	300, 450, 600, 1800	PG-X	do.	Do.
Biran	KKOA	300, 600	PG-X	do.	
Bird City	KOBP	300, 450, 600.	PG-X	do.	I. W. T. Co.
Birkenhead	KDVL	300, 600	PG-X	Vacuum Oil Co.	R. C. of A.
Birmingham City.	KUTT	300, 450, 600.	PG-X	U. S. Steel Products Co.	Do.
Black Arrow	WLN	300, 600	PG-N	U. S. S. B.	
Blair	KIGR	300, 450, 600.	PG-X	do.	I. W. T. Co.
Blue Point	KDLU	300, 600	PG-X	Atlantic Fisheries Co.	
Blue Triangle.	KUGS	300, 450, 600.	PG-X	U. S. S. B.	Do.
Bluffton.	KEKZ	300, 600	PG-X	do.	
Bogota	KORQ	300, 600	PG-X	do.	Do.
Bohemian Club.	KDTB	300, 450, 600, 1800	PG-X	do.	S. O. R. S.
Bolivar.	KIQP	300, 450, 600.	PG-X	do.	I. W. T. Co.
Bonnie Brook	KDGX	300, 600	PG-X	do.	
Boobyalla	KUGC	300, 600	PG-X	Ocean Motorship Co.	
Boston	KXA	300, 550, 600.	PG-N	New England S. S. Co.	
Boston Bridge.	KINS	300, 450, 600.	PG-X	U. S. S. B.	
Bound Brook	KIFQ	300, 600	PG-X	do.	
Bowdoin	KDTQ			McMillan Arctic Association.	Owner of vessel.
Boy Scout.	KDYG	300, 600		Waldo H. Brown.	
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.
Bramell Point.	KRO	300, 600	PG-X	Vacuum Oil Co.	Do.
Brandywine.	WGUI	300, 600	PG-X	U. S. S. B.	
Brasher	KIJX	300, 600	PG-X	do.	
Brave Coeur.	KOGN	300, 450, 600.	PG-X	do.	Do.
Bremerton	WSZ	300, 600	PG-X	do.	I. W. T. Co.
Brevard.	KEPJ	300, 600	PG-X	do.	
Briarcliffe.	KEPK	300, 600	PG-X	do.	
Bridgetown.	KUCZ	300, 450, 600.	PG-X	do.	Do.
Brilliant.	KTI	300, 450, 600.	PG-X	Standard Oil Co. of N. Y.	R. C. of A.
Brindilla	KTZ	300, 450, 600.	PG-X	Standard Oil Co. of N. J.	
Bristol.	KEGC	300, 450, 600.	PG-X	Coastwise Transp. Corp.	Do.
Broad Arrow	KSY	300, 450, 600.	PG-N	Standard Transp. Co.	Do.
Broekton	KNH	300, 600	PG-N	Colonial Navigation Co.	
Brookdale.	WNUO	300, 600	PG-X	Crosby Marine Corp.	
Brookline.	KURT	300, 600	PG-X	U. S. S. B.	
Brush	KDHV	300, 450, 600.	PG-X	do.	S. O. R. S.
Brynhillda	KIO	300, 450, 600.	PG-X	Cosmopolitan Shipping Co.	R. C. of A.
Buccaneer	KFO	300, 450, 600.	PG-X	Sinclair Navigation Co.	Do.
Buckeye State.	KDRW	300, 450, 600, 1800	PG-N	U. S. S. B.	S. O. R. S.
Buckhannon	KELG	300, 600	PG-X	Gulf & Southern S. S. Co.	
Buffalo Bridge.	KIZF	300, 600	PG-X	U. S. S. B.	
Burnwell	KIMS	300, 600	PG-X	do.	
Buttercup	KIJT	300, 600	PG-X	do.	R. C. of A.
Butterfield	KIJS	300, 450, 600.	PG-X	do.	I. W. T. Co.
Bylavl.	KSCU	300, 450, 600.	PG-X	Pocahontas Fuel Co.	S. O. R. S.
Byron D. Benson.	KDWN	300, 450, 600.	PG-X	Tidewater Oil Co.	R. C. of A.
Cabegon.	KEIQ	300, 600	PG-N	U. S. S. B.	Do.
Cabrille.	KENS	300, 450, 600.	PG-X	do.	
Cabrillo.	WBV	300, 600	PG-X	Wilmington Transp. Co.	R. C. of A.
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.

¹ Portable set placed on board vessels 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—
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	Inland & Coastwise Waterways Service.	
Calamares.....	KLC	300, 600	PG-N	United Fruit Corp.	T. R. T. Co.
Calaveras.....	KXIE	300, 450, 600.	PG-X	U. S. S. B.	
Calcite.....	KDZN	300, 450, 600.	PG-X	Calcite Transp. Co.	Owner of vessel.
Caldas.....	KQOV	300, 450, 600.	PG-X	Caribbean S. S. Co.	R. C. of A.
Calicoeck.....	KXII	300, 600.	PG-X	U. S. S. B.	
Californian.....	KDYD	300, 450, 600, 1800	PG-X	American-Hawaiian S. S. Co.	United Am. Lines.
Calispell.....	KXIO	300, 600	PG-X	U. S. S. B.	
Callabastas.....	WPUI	300, 450, 600.	PG-X	Callabastas S. S. Corp.	
Callao.....	WHF	300, 600.	PG-X	J. H. Mahony.	Owner of vessel.
Calno.....	KINV	300, 600.	PG-X	U. S. S. B.	
Caloria.....	KSP	300, 450, 600.	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Calvert.....	WTUI	300, 600.	PG-X	U. S. S. B.	
Calvin Austin.....	KRN	300, 450, 600.	PG-N	Eastern S. S. Lines.	Do.
Camaguey.....	KWI	300, 450, 600.	PG-N	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Cambridge.....	KGR	300, 550, 600.	PG-N	New York & New Orleans S. S. Co.	R. C. of A.
Cambridge.....	KIRR	300, 600.	PG-X	U. S. S. B.	
Camden.....	KDKL	300, 600.	PG-X	United Fruit Tanker Corp.	T. R. T. Co.
Camden.....	KRC	300, 600.	PG-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.	
Canoga.....	WKZ	300, 600.	PG-X	do.	
Cansumset.....	KIQD	300, 600.	PG-X	do.	
Cape Henry.....	KMIE	300, 600, 1800.	PG-X	do.	
Cape May.....	WDOI	300, 600.	PG-N	do.	
Cape Romain.....	KREA	300, 600.	PG-X	do.	I. W. T. Co.
Capillo.....	KUPN	300, 450, 600.	PG-X	do.	R. C. of A.
Capital of Nebraska.....	KUSF	300, 450, 600.	PG-X	do.	
Captain 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.	Do.
Caracas.....	KDB	300, 450, 600.	PG-N	Atlantic & Caribbean Steam Navigation Co.	Do.
Cardonia.....	KUVV	300, 450, 600.	PG-X	U. S. S. B.	S. O. R. S.
Carenco.....	KDDM	300, 450, 600.	PG-X	do.	R. C. of A.
Carib.....	KJUI	300, 600.	PG-X	A. G. & W. I. S. S. Lines	
Carib.....	KZUX	300, 425, 600.	PG-X	George F. Silva	Owner of vessel.
Caribbean.....	KGUE	300, 600.	PG-X	Panama Canal.	Do.
Carl D. Bradley.....	WGN	300, 450, 475, 600	PG-X	Bradley Transp. Co.	R. C. of A.
Carlton.....	KDDK	300, 450, 600.	PG-X	U. S. S. B.	I. W. T. Co.
Carolina.....	WFE	300, 600.	PG-N	Goodrich Transit Co.	R. C. of A.
Carolinian.....	KJF	300, 450, 600.	PG-X	Garland S. S. Corp.	Do.
Carolyn.....	KZG	300, 600.	PG-X	A. H. Bull S. S. Co.	I. W. T. Co.
Carplaka.....	KDES	300, 450, 600.	PG-X	U. S. S. B.	Do.
Carrabulle.....	KDER	300, 600.	PG-X	do.	S. O. R. S.
Carrillo.....	KDE	300, 600.	PG-N	United Fruit S. S. Corp.	T. R. T. Co.
Cartago.....	KDD	300, 600.	PG-N	do.	Do.
Cascade.....	WPUO	300, 600.	PG-N	U. S. S. B.	I. W. T. Co.
Casco.....	WCP	300, 600.	PG-N	do.	
Casey.....	KQOJ	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	Pacific States Lumber Co.	Owner of vessel.
C. A. Snider.....	KRR	300, 600.	PG-X	Union Sulphur Co.	S. O. R. S.
Casper.....	KIRX	300, 450, 600.	PG-X	U. S. S. B.	R. C. of A.
Cassimir.....	KDDZ	300, 600.	PG-X	do.	S. O. R. S.
Castana.....	KDFE	300, 600.	PG-X	do.	Do.
Castle Lodge.....	KGV	300, 450, 600.	PG-X	Luckenbach S. S. Co.	Do.
Castle Point.....	KESD	300, 600.	PG-X	U. S. S. B.	
Castle Town.....	KOF	300, 450, 600.	PG-X	do.	R. C. of A.
Castle Wood.....	KEKQ	300, 600.	PG-X	do.	
Catahoula.....	KDFG	300, 600.	PG-X	do.	S. O. R. S.
Cathay.....	KDWX	300, 450, 600.	PG-N	do.	R. C. of A.
Catherine.....	KTOI	300, 450, 600.	PG-X	do.	I. W. T. Co.
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.	Do.
Cathwood.....	KURC	300, 600.	PG-X	do.	I. W. T. Co.
Cauto.....	KWF	300, 450, 600.	PG-X	N. Y. & Cuba Mail 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—
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.....	
Cebu.....	KDOC	300, 600.....		Compania Maritima.....	
Cecil County.....	KERC	300, 450, 600.....	PG-X	U. S. S. B.....	R. C. of A.
Cedarhurst.....	KDIQ	300, 600.....	PG-X	do.....	
Cedar Spring.....	WTEE	300, 450, 600.....	PG-X	do.....	
Celilo.....	WMF	300, 600.....	PG-N	Celilo S. S. Co.....	Owner of vessel.
Centaurus.....	KOPZ	300, 450, 600.....	PG-X	Green Star S. S. Corp.....	R. C. of A.
Centurion.....	KDVZ	300, 450, 600.....	PG-X	Buffalo Bayou Co.....	Owner of vessel.
Cerro Azul.....	WTEI	300, 450, 600.....	PG-X	U. S. S. B.....	
Cerro-Ebano.....	WTEO	300, 450, 600.....	PG-X	do.....	
Cerro Gardo.....	KDQY	300, 450, 600.....	PG-X	Pan-Amer. Petr. & Trans. Co.....	R. C. of A.
Cethana.....	KDQS	300, 450, 600.....	PG-X	do.....	Do.
Challamba.....	KEFK	300, 450, 600.....	PG-X	U. S. S. B.....	
Challenger.....	KORF	300, 600.....	PG-X	Ocean Motorship Co.....	S. O. R. S.
Chalmerte.....	KORJ	300, 600.....	PG-X	do.....	
Chamberino.....	WNII	300, 600.....	PG-X	U. S. S. B.....	
Chamblee.....	KKC	300, 600.....	PG-N	Southern Pacific S. S. Co.....	Owner of vessel.
Channtier.....	KEFL	300, 450, 600.....	PG-X	U. S. S. B.....	
Chaparel.....	KEGG	300, 600.....	PG-X	do.....	
Chappaqua.....	KEGJ	300, 600.....	PG-X	do.....	
Chappell.....	KURF	300, 450, 600.....	PG-X	do.....	I. W. T. Co.
Charles Braley.....	KEVS	300, 600.....	PG-X	do.....	
Charles E. Harwood.....	KVP	300, 450, 600.....	PG-X	Cuba Distilling Co.....	R. C. of A.
Charles H. Cramp.....	WID	300, 450, 600.....	PG-X	Pan-Amer. Petr. & Trans. Co.....	Do.
Charles L. Hutchinson.....	KDHH	300, 600, 1800.....	PG-X	U. S. S. B.....	Do.
Charles M. Everest.....	WMIU	300, 600.....	PG-X	Pioneer S. S. Co.....	Do.
Charles O. Jenkins.....	WPOU	300, 450, 600.....	PG-X	Vacuum Oil Co.....	Do.
Charles Pratt.....	WFT	300, 600.....	PG-X	Jenkins S. S. Co.....	Do.
Charlie Watson.....	KSQ	300, 450, 600.....	PG-X	Standard Oil Co. of N. J.....	Do.
Charlot.....	KDLA	300, 450, 600.....	PG-X	Standard Oil Co. of Calif.....	Do.
Charlton Hall.....	WMUI	300, 600.....	PG-X	U. S. S. B.....	
Chattanooga.....	KLU	300, 450, 600.....	PG-X	U. S. Steel Products Co.....	Do.
Chattanooga City.....	KIDN	300, 450, 600.....	PG-X	U. S. S. B.....	
Chaumontauqua.....	KDUW	300, 450, 600.....	PG-X	U. S. Steel Products Co.....	Do.
Chepaulp.....	KIFK	300, 600.....	PG-X	U. S. S. B.....	
Chepadon.....	KJAA	300, 600.....	PG-X	do.....	Do.
Cherokee.....	KOFL	300, 600.....	PG-X	do.....	Do.
Chester Kiwanis.....	KVK	300, 450, 600.....	PG-N	Clyde S. S. Co.....	Do.
Chester Sun.....	KDBP	300, 450, 600.....	PG-X	U. S. S. B.....	
Chester Valley.....	WAS	300, 450, 600.....	PG-X	Sun Co.....	Do.
Chester W. Chapin.....	KOST	300, 450, 600.....	PG-X	U. S. S. B.....	S. O. R. S.
Chestnut Hill.....	KXQ	300, 450, 600.....	PG-N	New England S. S. Co.....	I. W. T. Co.
Chetopa.....	KVG	300, 600.....	PG-X	U. S. S. B.....	
Chicago.....	KDJI	300, 450, 600.....	PG-X	do.....	
Chicago Bridge.....	WAC	300, 600.....	PG-X	Booth Fisheries Co.....	S. O. R. S.
Chickamauga.....	KECG	300, 600.....	PG-X	U. S. S. B.....	
Chickasaw.....	KULC	300, 450, 600.....	PG-X	do.....	R. C. of A.
Chickasaw City.....	KOJR	300, 450, 600.....	PG-X	do.....	I. W. T. Co.
Chicomico.....	KUNZ	300, 450, 600.....	PG-X	U. S. Steel Products Co.....	R. C. of A.
China.....	KOLS	300, 450, 600.....	PG-X	U. S. S. B.....	
China Arrow.....	WWA	300, 450, 600.....	PG-N	China Mail S. S. Corp.....	Do.
Chincha.....	KDGW	300, 600.....	PG-X	Standard Transpn. Co.....	Do.
Chipchung.....	KJZ	300, 450, 600.....	PG-X	Green Star S. S. Corp.....	Do.
Chippewa.....	WBLA	300, 600.....	PG-X	U. S. S. B.....	
Christopher Columbus.....	KDJS	300, 600.....	PG-X	Independent S. S. Co.....	Owner of vessel.
Circinus.....	Wfj	300, 600.....	PG-X	Goodrich Transit Co.....	R. C. of A.
City of Alameda.....	KOPK	300, 450, 600.....	PG-X	Green Star S. S. Corp.....	Do.
City of Alma.....	KUCQ	300, 600.....	PG-X	U. S. S. B.....	
City of Alton.....	KUBP	300, 450, 600.....	PG-X	do.....	
City of Atlanta.....	KONZ	300, 450, 600.....	PG-X	do.....	S. O. R. S.
City of Augusta.....	KFB	300, 450, 600.....	PG-N	Ocean S. S. Co.....	R. C. of A.
City of Bangor.....	KFJ	300, 450, 600.....	PG-N	do.....	Do.
City of Berkeley.....	KRH	300, 600.....	PG-X	Eastern S. S. Lines.....	Do.
City of Brockton.....	KOZQ	300, 600.....	PG-X	U. S. S. B.....	
City of Buffalo.....	KXO	300, 600.....	PG-X	New England S. S. Co.....	
City of Cleveland III.....	WFQ	300, 600.....	PG-X	Cleve. & Buffalo Trans. Co.....	Do.
City of Columbus.....	WEA	300, 450, 600.....	PG-N	Detroit & Cleve. Nav. Co.....	Do.
City of Dalhart.....	KFA	300, 450, 600.....	PG-N	Ocean S. S. Co.....	Do.
City of Detroit II.....	KDN	300, 450, 600.....	PG-X	U. S. S. B.....	
City of Detroit III.....	WEC	300, 450, 600.....	PG-X	Detroit & Cleve. Nav. Co.....	Do.
City of Elwood.....	WEF	300, 450, 600.....	PG-N	do.....	Do.
City of Erie.....	KDMV	300, 450, 600.....	PG-X	U. S. S. B.....	
	WFP	300, 600.....	PG-X	Cleve. & Buffalo Trans. 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—
City of Eureka.....	KEPT	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.....	
City of Fairbury.....	KISR	300, 450, 600.....	PG-X	U. S. S. B.....	R. C. of A.
City of Flint.....	KUCV	300, 450, 600.....	PG-X	do.....	Do.
City of Fort Worth.....	KDAW	300, 600.....	PG-X	do.....	
City of Freeport.....	KESV	300, 450, 600.....	PG-X	do.....	Do.
City of Honolulu.....	KUSD	300, 450, 600.....	PG-N	do.....	
City of Joliet.....	KUJR	300, 600.....	PG-X	do.....	
City of Lordsburg.....	KUTK	300, 600.....	PG-X	do.....	
City of Los Angeles.....	KOZC	300, 450, 600, 1800	PG-N	do.....	
City of Lowell.....	KXB	300, 530, 600.....	PG-X	New England S. S. Co.....	I. W. T. Co.
City of Miami.....	WDI	300, 600.....	PG-N	Havana-American S. S. Corp.....	S. O. R. S.
City of Montgomery.....	KPFY	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.....	
City of Para.....	WWP	300, 600.....	PG-N	Pacific Mail S. S. Co.....	F. T. Co.
City of Puebla.....	WGG	300, 600.....	PG-N	City of Puebla Corp.....	
City of Rayville.....	KDGS	300, 450, 600.....	PG-X	U. S. S. B.....	
City of Reno.....	KUSK	300, 450, 600.....	PG-X	do.....	
City of Rockland.....	KRI	300, 600.....	PG-X	Easter 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.....	
City of Spokane.....	KILL	300, 600.....	PG-X	do.....	
City of St. Ignace.....	WEG	300, 450, 600.....	PG-X	Detroit & Cleve. Nav. Co.....	Do.
City of St. Joseph.....	KOSM	300, 450, 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.....	Owner of vessel.
City of Taunton.....	KXL	300, 550, 600.....	PG-N	New England S. S. Co.....	
City of Vernon.....	KUN8	300, 450, 600.....	PG-X	U. S. S. B.....	
City of Weatherford.....	KUVC	300, 450, 600.....	PG-X	do.....	R. C. of A.
Clairton.....	KJKR	300, 600.....	PG-X	do.....	Do.
Clare.....	KNE	300, 600.....	PG-X	A. H. Bull S. S. Co.....	I. W. T. Co.
Claremont.....	KUBD	300, 600.....	PG-X	Hart-Wood Lumber Co.....	Owner of vessel.
Clark Mills.....	KOCQ	300, 600.....	PG-X	U. S. S. B.....	
Clausens.....	KQOB	300, 450, 600.....	PG-X	Green Star S. S. Corp.....	R. C. of A.
Clavarak.....	KOLL	300, 450, 600.....	PG-X	U. S. S. B.....	Do.
Clearwater.....	KUGD	300, 600.....	PG-X	do.....	Do.
Clemens C. Morse.....	KUGG	300, 600.....	PG-X	do.....	
Clemens A. Reiss.....	WNH	300, 600.....	PG-X	Reiss S. S. Co.....	Do.
Clement Smith.....	KDGO	300, 600.....	PG-X	Oil Transport Co.....	Do.
Cletus Schneider.....	KMEG	300, 600.....	PG-X	Paisley S. S. Co.....	Owner of vessel.
Clifford F. Moll.....	KDWA	300, 600.....	PG-X	American S. S. Co.....	Do.
Cliffwood.....	KORX	300, 450, 600.....	PG-X	U. S. S. B.....	R. C. of A.
Cincho.....	KENX	300, 600.....	PG-X	Clinchfield Nav. Co.....	Do.
Clontari.....	KUDP	300, 450, 600.....	PG-X	U. S. S. B.....	Do.
Coahoma County.....	KOMP	300, 600.....	PG-X	do.....	S. O. R. S.
Coalinga.....	WOT	300, 500, 1800.....	PG-X	Union S. S. Co.....	F. T. Co.
Coamo.....	KGA	300, 450, 600.....	PG-N	N. Y. & Porto Rico S. S. Co.....	I. W. T. Co.
Coastwise.....	KUZ	300, 450, 600.....	PG-X	Coastwise Transpn. Co.....	R. C. of A.
Coaxet.....	WPUU	300, 450, 600.....	PG-X	U. S. S. B.....	I. W. T. Co.
Cockaponset.....	KOFN	300, 600.....	PG-X	do.....	
Cody.....	KDEX	300, 450, 600.....	PG-X	do.....	S. O. R. S.
Coleda.....	KOVV	300, 600.....	PG-X	do.....	R. C. of A.
Coeur d'Alene.....	KOVT	300, 450, 600.....	PG-X	do.....	I. W. T. Co.
Cobasset.....	WJUI	300, 600.....	PG-X	do.....	Do.
Cokato.....	WMUE	300, 600.....	PG-X	do.....	
Cokeist.....	WQUA	300, 450, 600.....	PG-X	do.....	
Coldbrook.....	KOQK	300, 450, 600.....	PG-X	do.....	Do.
Cold Harbor.....	KUBB	300, 450, 600.....	PG-X	do.....	R. C. of A.
Cold Spring.....	KIQK	300, 450, 600.....	PG-X	do.....	
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, 450, 600.....	PG-X	U. S. S. B.....	
Collamer.....	KOZZ	300, 600.....	PG-X	do.....	Do.
Collingsworth.....	KUKX	300, 450, 600.....	PG-X	do.....	S. O. R. S.
Colombia.....	WBH	300, 600, 1800.....	PG-N	Pacific Mail S. S. Co.....	F. T. Co.
Colon.....	KMX	300, 450, 600.....	PG-N	Panama R. R. Co.....	S. O. R. S.
Colonial.....	KDTK	300, 600.....	PG-X	Western Reserve Transpn. Co.....	R. C. of A.
Colorado Springs.....	KILK	300, 450, 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 & S. Am. S. S. Co.....	Owner of vessel.
Colusa.....	WIN	300, 600.....	PG-X	Grace S. S. Co.....	R. C. of A.
Comal.....	KEM	300, 600.....	PG-N	Mallory S. S. Co.....	I. W. T. Co.
Comanche.....	KVC	300, 600.....	PG-N	Clyde S. S. Co.....	Do.
Comet.....	KTJ	300, 450, 600.....	PG-X	Standard Oil Co. of N. Y.....	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—
Commack.....	KULT	300,450,600..	PG-X	U. S. S. B.....	I. W. T. Co.
Commissioner.....	KOGZ	300,600.....	PG-X	Merritt & Chapman Derrick & Wrecking Co. New England S. S. Co.....	Do.
Commonwealth.....	KXC	300,450,550, 600	PG-X	Southern Pacific Co.....	Owner of vessel.
Comus.....	KKD	300,600.....	PG-N	Mallory S. S. Co.....	I. W. T. Co.
Concho.....	KEC	300,600.....	PG-N	Colonial Navigation Co.....	R. C. of A.
Concord.....	KNC	300,550,600..	PG-N	U. S. S. B.....	Do.
Conehatta.....	KUQQ	300,450,600..	PG-X	do.....	Do.
Conejos.....	KUKT	300,450,600..	PG-X	do.....	Do.
Conneaut.....	WCU	300,600.....	PG-X	Gulf Refining Co.....	Do.
Connorsville.....	WKOQ	300,600.....	PG-X	U. S. S. B.....	Do.
Conness Peak.....	KUPL	300,450,600..	PG-X	do.....	Do.
Conotton.....	WVAO	300,600.....	PG-X	do.....	Do.
Consort.....	KDOI	300,450,600..	PG-X	do.....	I. W. T. Co.
Continental Bridge	KOCP	300,600.....	PG-X	do.....	Do.
Contocook.....	WVAU	300,600.....	PG-X	do.....	Do.
Cook.....	KOFX	300,450,600..	PG-X	do.....	Do.
Coolcha.....	KOPS	300,600.....	PG-X	Ocean Motorship Co.....	S. O. R. S.
Cocsa.....	WLF	300,450,600..	PG-X	U. S. S. B.....	Do.
Copalgrove.....	KEFJ	300,600.....	PG-X	do.....	Do.
Coperas.....	WTEU	300,600.....	PG-X	do.....	Do.
Coppename.....	KDF	300,600.....	PG-N	United Fruit Co.....	T. R. T. Co.
Coquina.....	WVAA	300,600.....	PG-X	U. S. S. B.....	Do.
Coquilt.....	KOFZ	300,600.....	PG-X	do.....	Do.
Cora F. Cressy.....	KSZ	300,450,600..	PG-X	A. W. Frost.....	Do.
Corapeak.....	WVAE	300,600.....	PG-X	U. S. S. B.....	Do.
Corcoran.....	WVAI	300,600.....	PG-X	do.....	Do.
Cordova.....	WAR	300,550,600..	PG-X & N	Alaska S. S. Co.....	S. O. R. S.
Cornella.....	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.....	WNIU	300,600.....	PG-X	U. S. S. B.....	Do.
Coronado.....	WFZ	300,450,600..	PG-X	do.....	Do.
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.....	WPII	300,600.....	PG-X	U. S. S. B.....	Do.
Corson.....	KIQV	300,450,600..	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.....	Do.
Costa Rica.....	WQI	300,600.....	PG-X	L. A. Pedersen.....	Owner of vessel.
Costigan.....	KINF	300,600.....	PG-X	U. S. S. B.....	Do.
Costilla.....	WMEA	300,600.....	PG-X	do.....	Do.
Cotati.....	KIQF	300,600.....	PG-X	do.....	Do.
Cote Blanche.....	WMEE	300,600.....	PG-X	do.....	Do.
Cotopaxi.....	WMEI	300,600.....	PG-X	Clinchfield Navigation Co.....	R. C. of A.
Cottonplant.....	WMEQ	300,600.....	PG-X	Pacific States Lumber Co.....	Do.
Cottonwood.....	WMEU	300,600.....	PG-X	U. S. S. B.....	Do.
Coulee.....	WTOU	300,450,600..	PG-X	do.....	Do.
Couparle.....	WVOE	300,600.....	PG-X	do.....	Do.
Courageous.....	WVUA	300,600.....	PG-X	do.....	Do.
Courtois.....	WVOI	300,600.....	PG-X	do.....	Do.
Coushatta.....	WVOO	300,600.....	PG-X	do.....	Do.
Coutolene.....	WVOU	300,600.....	PG-X	do.....	Do.
Covalt.....	KEMM	300,600.....	PG-X	do.....	Do.
Covedale.....	KEMN	300,450,600..	PG-X	do.....	Do.
Covena.....	KEMP	300,450,600..	PG-X	do.....	Do.
Coverun.....	KENM	300,600.....	PG-X	Fred J. Gauntlett.....	Do.
Cowan.....	KENN	300,600.....	PG-X	U. S. S. B.....	Do.
Cowanshammock.....	WMAE	300,450,600..	PG-X	do.....	Do.
Cowboy.....	WMAI	300,450,600..	PG-X	do.....	Do.
Cowee.....	WMAO	300,450,600..	PG-X	Fred J. Gauntlett.....	Do.
Cowiche.....	WMOA	300,450,600..	PG-X	Calif. & Oreg. Lumber Co.....	S. O. R. S.
Craftsman.....	KIBR	300,600.....	PG-X	M. J. Dady Eng. & Cont. Co.....	Do.
Craigmere.....	WXOO	300,450,600..	PG-X	Morton Salt Co.....	Do.
Craincreek.....	WNAA	300,600.....	PG-X	U. S. Shipping Board.....	Do.
Crampton Anderson	KDOH	300,450,600..	PG-X	Pan-Amer. Pet. & Trans. Co.....	R. C. of A.
Cranenest.....	WNAE	300,450,600..	PG-X	U. S. S. B.....	Do.
Cranford.....	KOLX	300,600.....	PG-X	do.....	I. W. T. Co.
Craster Hall.....	ELK	300,600.....	PG-X	U. S. Steel Products Co.....	R. C. of A.
Crathome.....	WSOO	300,600.....	PG-X	U. S. S. B.....	Do.
Crawl Keys.....	WDEI	300,600.....	PG-X	do.....	Do.
Craycroft.....	WNAI	300,600.....	PG-X	do.....	Do.
Creole.....	KKR	300,600.....	PG-N	Southern Pacific Co.....	Owner of vessel.
Cretan.....	KQC	300,450,600..	PG-N	Merchants & Miners Trans. Co.....	I. W. T. Co.
Crocket.....	WSEI	300,450,600..	PG-X	Fred Linderman.....	S. O. R. S.
Cripple Creek.....	KOJL	300,376,600..	PG-X	U. S. S. B.....	Do.
Crisfield.....	KOKP	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—
Cristina.....	KUZB	300, 450, 600..	PG-X	Vincent Astor.....	Owner of vessel.
Cristobal.....	KMD	300, 450, 600..	PG-N	Panama R. R. Co.....	R. C. of A.
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.....	do.
Crown City.....	KUSP	300, 450, 600..	PG-X	do.....	S. O. R. S.
Crudoil.....	KUQD	300, 600.....	PG-X	Pan-Amer. Pet. & Trans. Co.....	R. C. of A.
Cuba.....	KDLK	300, 450, 600..	PG-N	Steamship Cuba, Inc.....	I. W. T. Co.
Cuba.....	KDRT	300, 450, 600..	PG-N	Peninsular & Occidental S. S. Co.	R. C. of A.
Cuba.....	WQU	300, 600.....	PG-N	Pacific Mail S. S. Co.....	F. T. Co.
Cubore.....	KUPP	300, 450, 600..	PG-X	Guaranty Trust Co.....	R. C. of A.
Culberson.....	KDDV	300, 600, 1800.	PG-X	U. S. S. B.....	do.
Culburra.....	KOZR	300, 450, 600..	PG-X	Ocean Motorship Co.....	Owner of vessel.
Cuprum.....	KDIJ	300, 600.....	PG-X	U. S. S. B.....	do.
Curacao.....	WGK	300, 600.....	PG-N	Pacific S. S. Co.....	R. C. of A.
Currier.....	KNU	300, 450, 600..	PG-X	Gulf Refining Co.....	I. W. T. Co.
Cushnet.....	KONB	300, 600.....	PG-X	U. S. S. B.....	do.
Cushnoc.....	KIMJ	300, 450, 600..	PG-X	do.....	do.
Custodian.....	KIVZ	300, 600.....	PG-X	Pringle Barge Line Co.....	do.
Cuttyhunk.....	KONC	300, 600.....	PG-X	U. S. S. B.....	do.
Cuyamaca.....	KUXD	300, 450, 600..	PG-X	do.....	do.
Dade County.....	KIJZ	300, 600.....	PG-X	do.....	do.
Dakotan.....	WKD	300, 450, 600..	PG-X	American-Hawaiian S. S. Co.....	United American Lines.
Dallas.....	KEQB	300, 450, 600..	PG-X	U. S. S. B.....	R. C. of A.
Damacan.....	KELS	300, 600.....	PG-X	do.....	do.
Dan F. Hanlon.....	KDKU	300, 600.....	PG-X	D. J. Hanlon.....	do.
Daniel Kern.....	KDXG	300, 450, 600..	PG-X	Independent Towing Co.....	Owner of vessel.
Daniel Webster.....	KOKM	300, 450, 600..	PG-X	U. S. S. B.....	do.
Dannedaikie.....	KOPD	300, 450, 600..	PG-X	do.....	R. C. of A.
Danville.....	KOSJ	300, 450, 600..	PG-X	do.....	do.
Darden.....	KUPK	300, 600.....	PG-X	U. S. Mex. Oil Corp.....	S. O. R. S.
Darien.....	KULG	300, 600.....	PG-X	Panama Canal.....	Do.
Dartford.....	KDAV	300, 600.....	PG-X	U. S. Mex. Oil Corp.....	Do.
Dauperata.....	KIZJ	300, 600.....	PG-X	U. S. S. B.....	R. C. of A.
Davenport.....	KUDR	300, 600.....	PG-X	do.....	do.
Davidson County.....	KINX	300, 600.....	PG-X	do.....	do.
David McKelvy.....	KDTD	300, 600.....	PG-X	Tidewater Oil Co.....	Do.
Dawn.....	KDHz	300, 600.....	PG-X	William T. Donnelly.....	do.
Dawnlite.....	KPP	300, 450, 600..	PG-X	Standard Oil Co. of N. J.....	Do.
Daylite.....	KPR	300, 450, 600..	PG-X	do.....	Do.
Dean Emery.....	KOFG	300, 450, 600..	PG-X	Pan-Amer. Pet. & Trans. Co.....	Do.
De Bardeleben.....	KIZD	300, 450, 600..	PG-X	W. G. Covle & Co.....	Do.
Decatur Bridge.....	KECJ	300, 450, 600..	PG-X	U. S. S. B.....	do.
Deepwater.....	KLY	300, 450, 600..	PG-X	Castner, Curran & Bullitt.....	Do.
Deerfield.....	WTU	300, 600.....	PG-X	Elder Steel S. S. Co.....	Owner of vessel.
Deer Lodge.....	KIMD	300, 600.....	PG-X	U. S. S. B.....	do.
Defiance.....	WSEA	300, 600.....	PG-X	do.....	do.
Delanson.....	KOTX	300, 450, 600..	PG-X	do.....	do.
Delavan.....	KIRQ	300, 450, 600..	PG-X	do.....	do.
Delaware Sun.....	KDWQ	300, 450, 600..	PG-X	Sun Co.....	R. C. of A.
Delco.....	KIZB	300, 600.....	PG-X	Delco S. S. Co.....	Moore & McCormack.
Delfna.....	KIVS	300, 600.....	PG-X	U. S. S. B.....	do.
Delight.....	KQOE	300, 600.....	PG-X	do.....	do.
Delisle.....	KIVT	300, 450, 600..	PG-X	do.....	do.
Delivery No. 5.....	KDCK	300, 600.....	PG-X	Standard Oil Co. of N. Y.....	do.
Delphine.....	KDRR	300, 600.....	PG-X	Horace E. Dodge estate.....	do.
Delrosa.....	KUTG	300, 600.....	PG-X	U. S. S. B.....	S. O. R. S.
Democracy.....	WAQ	300, 600.....	PG-N	do.....	do.
Depore.....	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, 450, 600..	PG-X	do.....	R. C. of A.
Deroche.....	KOBJ	300, 600.....	PG-X	do.....	do.
Des Moines Bridge.....	KUCG	300, 600.....	PG-X	do.....	do.
Detroit-Wayne.....	KONX	300, 600.....	PG-X	do.....	do.
Deuel.....	KOMD	300, 600.....	PG-X	do.....	S. O. R. S.
Devolente.....	KIVR	300, 600.....	PG-X	do.....	do.
Dewey.....	KDNF	300, 450, 600..	PG-X	Andrew Olson.....	R. C. of A.
Dewey.....	KODT	300, 450, 600..	PG-X	U. S. S. B.....	I. W. T. Co.
D. F. McAllister.....	KEJT	300, 600.....	PG-X	Daniel F. McAllister.....	Owner of vessel.
D. G. Scofield.....	WRD	300, 450, 600..	PG-X	Standard Oil Co. of Calif.....	R. C. of A.
Diablo.....	KEPD	300, 600.....	PG-X	U. S. S. B.....	do.
Dillwyn.....	KODX	300, 450, 600..	PG-X	do.....	Do.
Dilworth.....	KOVJ	300, 450, 600..	PG-X	do.....	S. O. R. S.

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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—
Dinsmore.....	KDKN	300,600.....	PG-X	U. S. S. B.....	
Dio.....	WNEO	300,600.....	PG-N	do.....	I. W. T. Co.
Director.....	KIGJ	300,450,600.....	PG-X	Northern Transpn. Co.....	Do.
Dirigo.....	KEGM	300,600.....	PG-X	Texas Co.....	Do.
District of Columbia.....	KDMZ	300,600,1800.....	PG-X	U. S. S. B.....	
Dixiano.....	KDSP	300,450,600.....	PG-X	Am. Sugar Transit Corp.....	R. C. of A.
Dixie Arrow.....	KDVT	300,600.....	PG-X	Standard Transpn. Co.....	Do.
Dochet.....	KIMR	300,600.....	PG-X	U. S. S. B.....	S. O. R. S.
Dochra.....	KGL	300,450,600.....	PG-X	La Plata S. S. Co.....	R. C. of A.
Dolly C.....	KFAL	300,600.....	PG-X	Cary Davis Tug & Barge Co.....	
Dolphin.....	KDYZ	300,450,600.....	PG-X	Mortimer L. Schiff.....	Owner of vessel.
Donald McKay.....	KULL	300,600.....	PG-X	U. S. S. B.....	Do.
Donna Lane.....	KDON	300,600.....	PG-X	Donna Lane Motorship Corp.....	
Dorchester.....	KQD	300,450,600.....	PG-N	Merchants & Miners' Trans. Co.....	I. W. T. Co.
Dorothy Bradford.....	KNA	300,600.....	PR-X	Cape Cod S. S. Co.....	Owner of vessel.
Doylestown.....	KIPG	300,600.....	PG-X	U. S. S. B.....	S. O. R. S.
Drveen.....	KORK	300,600,1800.....	PG-X	do.....	Do.
Dulcino.....	KTV	300,450,600.....	PG-X	Am. Sugar Transit Corp.....	R. C. of A.
Dungannon.....	KUZV	300,450,600.....	PG-X	U. S. S. B.....	
Dunsyre.....	KUMF	300,600.....	PG-X	James Botts.....	Owner of vessel.
Duquesne.....	KECS	300,450,600.....	PG-X	U. S. S. B.....	S. O. R. S.
Durango.....	KDBT	300,600.....	PG-X	do.....	
Durham.....	KDNL	300,450,600.....	PG-X	France & Canada Oil Transport Co.....	
Eagle.....	KDBF	300,600.....	PG-X	William K. Vanderbilt, Jr.....	Owner of vessel.
Eagle.....	KIR	300,450,600.....	PG-X	Standard Transpn. Co.....	R. C. of A.
E. A. Morse.....	KOVN	300,600.....	PG-X	U. S. S. B.....	
East Cape.....	KENC	300,450,600.....	PG-X	do.....	Do.
East Chicago.....	KUKD	300,600.....	PG-X	do.....	
Easterling.....	KEJD	300,600.....	PG-X	do.....	
Eastern Admiral.....	KURM	300,600.....	PG-N	do.....	
Eastern Belle.....	KUJT	300,600.....	PG-X	do.....	
Eastern Breze.....	KOPP	300,600.....	PG-X	do.....	Do.
Eastern Chief.....	KSEI	300,600.....	PG-X	do.....	
Eastern Cloud.....	KUSQ	300,600,1800.....	PG-X	Garland S. S. Corp.....	
Eastern Coast.....	KURX	300,600.....	PG-X	do.....	S. O. R. S.
Eastern Crag.....	KUJV	300,450,600.....	PG-X	do.....	
Eastern Cross.....	WKIU	300,450,600.....	PG-X	do.....	
Eastern Crown.....	KUNQ	300,600.....	PG-N	do.....	
Eastern Dawn.....	KUQT	300,450,600.....	PG-X	do.....	R. C. of A.
Easterner.....	WGEA	300,450,600.....	PG-X	do.....	S. O. R. S.
Eastern Exporter.....	KDAZ	300,600.....	PG-X	do.....	I. W. T. Co.
Eastern Gaie.....	KUDZ	300,600.....	PG-X	do.....	
Eastern Glade.....	KUND	300,600,1800.....	PG-X	do.....	S. O. R. S.
Eastern Glen.....	KUVB	300,450,600.....	PG-N	do.....	
Eastern Guide.....	KUCN	300,450,600.....	PG-X	do.....	I. W. T. Co.
Eastern Importer.....	KDBY	300,450,600.....	PG-X	do.....	
Eastern King.....	WFEA	300,600.....	PG-X	do.....	
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.....	
Eastern Mariner.....	KUGB	300,450,600.....	PG-X	do.....	
Eastern Merchant.....	KUKS	300,450,600.....	PG-N	do.....	
Eastern Moon.....	KUDX	300,450,600.....	PG-X	do.....	Do.
Eastern Ocean.....	KUNF	300,600.....	PG-X	do.....	
Eastern Pilot.....	KULJ	300,450,600.....	PG-X	do.....	R. C. of A.
Eastern Planet.....	KUPD	300,450,600.....	PG-N	do.....	S. O. R. S.
Eastern Queen.....	KXUE	300,600.....	PG-N	do.....	
Eastern Sailor.....	KUZT	300,600.....	PG-X	do.....	I. W. T. Co.
Eastern Sea.....	KTEA	300,450,600.....	PG-X	do.....	S. O. R. S.
Eastern Shore.....	WKIO	300,600.....	PG-N	do.....	
Eastern Star.....	KTAU	300,450,600.....	PG-X	do.....	I. W. T. Co.
Eastern States.....	WEE	300,600.....	PG-N	Detroit & Cleve. Nav. Co.....	R. C. of A.
Eastern Sun.....	KTIE	300,450,600.....	PG-X	U. S. S. B.....	I. W. T. Co.
Eastern Sword.....	KDKB	300,450,600.....	PG-X	do.....	S. O. R. S.
Eastern Tempest.....	KUVG	300,450,600.....	PG-X	do.....	R. C. of A.
Eastern Temple.....	KDEZ	300,450,600.....	PG-X	do.....	
Eastern Trader.....	KULK	300,450,600.....	PG-N	do.....	Do.
Eastern Victor.....	KUNB	300,450,600.....	PG-X	do.....	Do.
East Hampton.....	KDEF	300,450,600.....	PR-X	C. E. Davis Packing Co.....	
East Indian.....	WGEI	300,600.....	PG-N	U. S. S. B.....	
Eastport.....	WGIE	300,450,600.....	PG-X	do.....	Do.
East Side.....	KIMQ	300,450,600.....	PG-X	do.....	I. W. T. Co.
East Wind.....	KEKB	300,450,600.....	PG-X	do.....	Do.
Eclipse.....	KEGF	300,600.....	PG-X	do.....	S. O. R. S.
F. C. Pope.....	WZAU	300,600.....	PG-X	Inter-Coast S. S. Co.....	I. W. T. Co.
Ecuador.....	WBN	300,600,1800.....	PG-X	Pacific Mail S. S. Co.....	F. 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—
Edellyn.....	KIJL	300,600	PG-X	U. S. S. B.	S. O. R. S.
Edenton.....	KECB	200,440,580, 600	PG-X	do.	do.
Edgar F. Coney.....	KDHD	200,600	PG-X	Philip Shore	Do.
Edgar F. Luckenbach.	KGK	300,450,530, 600	PG-X	Luckenbach Co.	Do.
Edgefield.....	KEBF	200,600	PG-N	U. S. S. B.	I. T. W. Co.
Edgehill.....	KETN	300,450,600	PG-X	do.	R. C. of A.
Edgemoor.....	KEVF	300,600	PG-X	do.	do.
Edgemont.....	KETP	200,600	PG-X	do.	do.
Edith.....	KZP	200,600	PG-X	A. H. Bull S. S. Co.	I. W. T. Co.
Editor.....	KOBG	300,450,600	PG-X	U. S. S. B.	U. S. S. B.
Edmore.....	KILJ	300,450,600	PG-X	do.	I. W. T. Co.
Edna Christenson	WSJ	200,450,600	PG-X	Western Mercantile Marine Corp.	R. C. of A.
Edris.....	KDBG	200,600	PG-X	Thomas H. Ince	Owner of vessel.
Edw. L. Doheny.....	WIE	300,450,600	PG-X	Pan-Am. Petr. & Trans. Co.	R. C. of A.
Edward L. Doheny, junior.	WIJ	300,450,600	PG-X	do.	Do.
Edward Luckenbach.	KGQ	200,450,525, 600	PG-X	Luckenbach S. S. Co.	S. O. R. S.
Edward Pierce.....	KMOU	300,600	PG-X	Crowell & Thurlow S. S. Co.	Owner of vessel.
Eelbeck.....	KLNQ	300,600	PG-X	U. S. S. B.	do.
Effingham.....	KOLT	200,450,600	PG-X	do.	R. C. of A.
Eifna.....	KOMT	300,600	PG-X	do.	Do.
Egeria.....	KDCJ	200,600	PG-X	Coast S. B. Co.	S. O. R. S.
Eglantine.....	KOPT	300,600	PG-X	U. S. S. B.	do.
Egremont.....	KOQS	300,450,600	PG-X	do.	I. W. T. Co.
E. J. Earhng.....	WEI	300,600	PG-X	Franklin S. S. Co.	R. C. of A.
El Alba.....	KKL	300,600	PG-X	Southern Pacific Co.	Owner of vessel.
El Almirante.....	KKG	300,450,600	PG-X	do.	Do.
El Capitan.....	KKH	200,450,600	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	200,600	PG-X	U. S. S. B.	do.
El Dia.....	KKY	300,450,600	PG-N	Southern Pacific Co.	Do.
E. L. Doheny, Third.	WROO	300,450,600	PG-X	U. S. S. B.	R. C. of A.
Eldorado.....	KMOI	300,450,600	PG-X	Western Transport Co.	Do.
Eldridge.....	KICN	300,450,600	PG-X	U. S. S. B.	do.
El Estero.....	KDKT	200,600	PG-X	Southern Pacific Co.	Owner of vessel.
Elfay.....	KOVQ	300,450,600	PG-X	Russell A. Alger	S. O. R. S.
Elinor.....	KVR	300,600	PG-X	U. S. S. B.	do.
Elisha Walker.....	KDQG	300,600	PG-X	Pan-Am. Petr. & Trans. Co.	R. C. of A.
El Isleo.....	KDNA	300,600	PG-X	Southern Pacific Co.	Owner of vessel.
Eliizabeth.....	KORC	200,600	PG-X	A. H. Bull S. S. Co.	do.
Elkhorn.....	KOCL	300,450,600	PG-X	U. S. S. B.	R. C. of A.
Elkridge.....	KISG	200,600	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.
Elmsport.....	KILF	300,600	PG-X	U. S. S. B.	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.
E. L. Pierce.....	KDXL	200,600	PG-X	Pioneer S. S. Co.	R. C. of A.
El Rio.....	KKZ	300,450,600	PG-N	Southern Pacific Co.	Owner of vessel.
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	300,600	PG-X	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	300,600,1800	PG-X	U. S. S. B.	S. O. R. S.
Empire Arrow.....	KDUG	300,600	PG-X	Standard Transpn. Co.	R. C. of A.
Endicott.....	KODN	300,450,600	PG-X	U. S. S. B.	S. O. R. S.
Englewood.....	WGAA	300,600	PG-X	do.	do.
Enley City.....	KUZS	300,450,600	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.	do.
Epitacio Pessoa.....	KOCC	300,600	PG-X	U. S. S. B.	do.
Equator.....	KDWI	300,450,600	PG-X	Cary Davis Tug & Barge Co.	Owner of vessel.
E. R. Kemp.....	KDQD	300,600	PG-X	Sinclair Navigation Co.	R. C. of A.
Ernest H. Meyer.....	WMJ	300,600	PG-X	Broughton & Wiggins Nav. Co.	Owner of vessel.
E. R. Sterling.....	WIS	300,585,600	PG-X	Sterling Ship Co.	Do.
Escambia.....	KOGK	300,600	PG-X	U. S. S. B.	do.
Esparta.....	KDO	300,450,600	PG-X	United Fruit S. S. 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.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Estrada Palma	KDMG	300,600	PG-X	Florida E. Coast Car Ferry Co.	R. C. of A.
E. T. Bedford	KDSB	300,450,600	PG-X	Standard Oil Co. of N. J.	Do.
Ethan Allen	KUJQ	300,600,1800	PG-N	U. S. S. B.	Do.
Eugene V. R. Thayer.	KDMA	300,600	PG-X	Sinclair Navigation Co.	Do.
Eurana	KJG	300,450,600	PG-X	Green Star S. S. Corp.	Do.
Evansville	KIKT	300,600	PG-N	U. S. S. B.	Do.
Evelyn	KZP	300,450,600	PG-X	A. H. Bull S. S. Co.	I. W. T. Co.
Everett	KUQR	300,600	PG-X	Chas. R. McCormick & Co.	Owner of vessel.
Everett	KZT	300,450,600	PG-X	N. Eng. Fuel & Trans. 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.
Excelsior	KKO	300,600	PG-N	Southern Pacific Co.	Owner of vessel.
E. W. Sinclair	KDRN	300,600	PG-X	Sinclair Navigation Co.	R. C. of A.
Explorer	KIVN	300,600	PG-X	U. S. S. B.	Do.
Fairfield City	KDPY	300,450,600	PG-X	U. S. Steel Products Co.	Do.
Fair Oaks	WSM	300,600	PG-X	Oriental Navigation Corp.	Do.
Faith	KDVG	300,600	PG-X	Irving E. Raymond.	Do.
Faraby	KEJV	300,450,600	PG-X	U. S. S. B.	S. O. R. S.
Fargo	KONL	300,600	PG-X	do.	Do.
Furnam	KQJE	300,600	PG-X	do.	Do.
Favorite	KDNY	300,600	PG-X	Panama Canal.	Owner of vessel.
Favorite	KIFG	300,600	PG-X	Great Lakes Towing Co.	R. C. of A.
Favorite	WCF	300,600	PG-X	U. S. S. B.	Do.
Fayette Brown	WQG	300,600	PG-X	Harvey H. Brown & Co.	Do.
F. B. Squire	WFU	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	K8UA	300,600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Fearless	KDRA	300,600	PG-X	Ship owners & Merchants Tug-boat Co.	Owner of vessel.
Federal	KDWY	300,450,600	PG-X	American Petroleum Co.	Do.
Federal	WDOO	300,450,600	PG-X	U. S. S. B.	R. C. of A.
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	300,600	PG-X	Guaranty Trust Co.	R. C. of A.
F. H. Hillman	KDVK	300,600	PG-X	Standard Oil Co.	Do.
Fidus	KDXB	300,600	PG-X	Frank J. Kelly.	Do.
Finland	KSF	300,450,600	PG-N	International Mercantile Marine Co.	I. W. T. Co.
Firmore	KDX	300,450,600	PG-X	Guaranty Trust Co.	R. C. of A.
Firtherlife	KITF	300,600	PG-X	U. S. S. B.	Do.
Fishkill	KULF	300,600	PG-X	do.	Do.
F. J. Luckenbach	WNZ	300,450,600	PG-X	Luckenbach S. S. Co.	S. O. R. S.
Florence Luckenbach.	WNM	300,450,600	PG-X	do.	Do.
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.
Floridian	WLR	300,450,600	PG-X	American-Hawaiian S. S. Co.	United American Lines.
Fluor Spar	KIQX	300,450,600	PG-X	U. S. S. B.	R. C. of A.
Fordonian	KRU	300,600	PG-X	American-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.	Do.
Fort George	KDJB	300,600	PG-X	U. S. S. B.	Do.
Fort McHenry	KDXA	300,600	PG-X	do.	Do.
Fort Pitt Bridge	KWB	300,450,600	PG-X	do.	Do.
Fort Seward	KEVJ	300,450,600	PG-X	do.	Do.
Fortuna	KDWU	300,450,600	PR-X	Richmond Talbot.	Owner of vessel.
Fort Wayne	WDOU	300,450,600	PG-X	U. S. S. B.	Do.
Fort Worth	KLD	300,600	PG-X	do.	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.	R. C. of A.
Frank Billings	KDXM	300,600	PG-X	Pioneer S. S. Co.	Do.
Frank G. Drum	KDQZ	300,600	PG-X	Associated Oil Co.	Owner of vessel.
Frank H. Buck	WTO	300,600,1800	PG-X	do.	F. T. Co.
Franklin	KDPK	300,450,600	PG-X	Galena Navigation Co.	R. C. of A.
Franklin County	KOTV	300,600	PG-X	U. S. S. B.	Do.
Franklin K. Lane	KDLH	300,600	PG-X	Pan-Amer. Petr. & Trans. Co.	Do.
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. Petr. & Trans. Co.	R. C. of A.
Frederic R. Kellogg	WTO	300,450,600	PG-X	do.	Do.
Fred W. Weller	KNY	300,450,600	PG-X	Standard Oil Co. of N. J.	Do.
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.	KHA	300,450,600	PG-X	Freeport Sulphur Trans. Co.	Do.
Freeport Sulphur No. 2.	KRG	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—
Freeport Sulphur No. 5.	KUMK	300,450,600..	PG-X	Freeport Sulphur Trans. Co..	R. C. of A.
Freeport Sulphur No. 6.	KUNP	300,450,600..	PG-X	.....do.....	Do.
Fresno.....	KTIO	300,600.....	PG-N	U. S. S. B.	
F. R. Hazard.....	KDXK	300,600.....	PG-X	Pioneer S. S. Co.	Do.
Frieda.....	KFF	300,450,600..	PG-X	Union Sulphur Co.	S. O. R. S.
Fueloil.....	KUQB	300,600.....	PG-X	Pan-Amer. Petr. & Trans. Co.	R. C. of A.
Gaffney.....	KICR	300,450,600..	PG-X	U. S. S. B.	S. O. R. S.
Galahad.....	KEQR	300,600.....	PG-X	.....do.....	I. W. T. Co.
Galesburg.....	WGA E	300,600.....	PG-N	.....do.....	
Galveston.....	KDQE	300,450,600..	PG-X	.....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.....	KRCU	300,600.....	PG-X	U. S. S. B.	
Gateway City.....	KDFD	300,450,600..	PG-X	.....do.....	
G. A. Tomlinson.....	KDXJ	300,600.....	PG-X	Pioneer S. S. Co.	Do.
Gdansk.....	WHJ	300,450,600..	PG-N	Walter A. Rush, c/o Manhat- tan Co.	Do.
Gene Crawley.....	KQF	300,450,600..	PG-X	Sinclair Gulf Corp.	Do.
General G. W. Goethals.	KMZ	300,600.....	PG-N	Panama R. R. Co.	S. O. R. S.
General H. F. Hodges.	KPG	300,600.....	PG-N	.....do.....	Owner of vessel.
General O. H. Ernst.	KPF	300,600.....	PG-N	.....do.....	S. O. R. S.
General W. C. Gorgas.	KIP	300,600.....	PG-N	.....do.....	Owner of vessel.
Genesee.....	KIDL	300,450,600..	PG-X	Arthur L. Crowley.....	Do.
Geo. H. Jones.....	KIPS	300,600.....	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Geo. L. Harvey.....	KDET			Joseph Kildall.....	
George B. MacKenzie.	KUNT	300,450,600..	PG-X	American Bauxite Co.	Do.
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	300,450,600..	PG-X	Pan-Amer. Petr. & Trans. Co.	R. C. of A.
George Pierce.....	KDCL	300,600,1800.	PG-X	U. S. S. B.	S. O. R. S.
George Washington	KDCL	300,450,600..	PG-N	.....do.....	Do.
George W. Barnes.	KMUI	300,600.....	PG-X	Pan-Amer. Petr. & Trans. Co.	R. C. of A.
Georgia.....	KUR	300,600.....	PG-X	Texas Co.	I. W. T. Co.
Georgia.....	WFA	300,600.....	PG-X	Crosby Transportation Co.	
Georgian.....	KOVP	300,450,600..	PG-X	American-Hawaiian S. S. Co.	United Am. Lines.
Georgian Rolph.....	KETX	300,600.....	PR-X	Rolph Nav. & Coal Co.	Owner of vessel.
Gertrude.....	KDVC	300,600.....	PG-X	Sabine Towing Co.	I. W. T. Co.
Gladysbe.....	KDEV	300,450,600..	PG-X	U. S. Mex. Oil Corp.	S. O. R. S.
Glendaruel.....	WDF	300,450,600..	PG-X	Charlton B. Hibbard.....	I. W. T. Co.
Glendola.....	KFAI	300,450,600..	PG-X	Glendola S. S. Corp.	
Glendoyle.....	KFAO	300,600.....	PG-X	Glendoyle S. S. Corp.	
Glenpool.....	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 Trans. Co	I. W. T. Co.
Glymont.....	KEXZ	300,450,600..	PG-X	U. S. S. B.	R. C. of A.
Glyndon.....	KEZQ	300,450,600..	PG-X	Glyndon S. S. Corp.	
G. N. Wilson.....	KDUX	300,600.....	PG-X	American S. S. Co.	
Gold Shell.....	WIB	300,450,600..	PG-X	Gold Shell S. S. Co.	Do.
Gold Star.....	KDPZ				
Gonzalls.....	KOBQ	300,600.....	PG-X	U. S. S. B.	
Goospeed.....	WKEO	300,600.....	PG-X	.....do.....	
Gorce.....	WLIH	300,450,600..	PG-X	.....do.....	
Gorgona.....	KDNZ	300,600.....	PG-N	Panama Canal	
Governor Cobb.....	KRB	300,600.....	PG-N	Peninsular & Occidental S. S. Co.	Do.
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	
Gratia.....	KIGP	300,450,600..	PG-X	Braddock Navigation Co.	
Greecian.....	KQR	300,450,600..	PG-N	Merchants & Miners Trans. Co.	Do.
Greenland.....	KUPG	300,600.....	PG-X	U. S. S. B.	
Greenwood.....	WLL	300,600.....	PG-X	Greenwood S. S. Co.	Do.
Grifco.....	KDFN	300,425,600..	PG-X	James Griffiths & Sons.	S. O. R. S.
Grifidu.....	KDIL	300,425,600..	PG-X	Universal S. S. Barge Co.	Do.
G. S. Allyn.....	KDZY	300,450,600..	PR-X	C. E. Davis Packing Co.	Owner of vessel.
Guantanamo.....	KWN	300,450,600..	PG-N	N. Y. & Cuba Mail S. S. Co.	I. W. T. Co.
Guardian.....	WGZ	300,600.....	P-X	Central & S. Am. Teleg. Co.	Owner of vessel.
Guardman.....	KIVX	300,600.....	PG-X	T. A. Scott Co.	
Guarina.....	KDZS			P. E. Fansler.....	

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Guaro.....	WJV	300,600.....	PG-X	U. S. S. B.....	
Guimba.....	WJIE	300,600.....	PG-N	do.....	
Guinevere.....	KDUP	300,600.....	PR-X	Edgar Palmer.....	Owner of vessel.
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.
Gulflight.....	KUA	350,600.....	PG-X	do.....	Do.
Gulfmaid.....	KUB	300,450,600.....	PG-X	do.....	R. C. of A.
Gulf of Mexico.....	KUC	300,450,600.....	PG-X	do.....	Do.
Gulfoil.....	KTG	300,450,600.....	PG-X	do.....	I. W. T. Co.
Gulfport.....	KREE	300,600.....	PG-X	Sinclair Navigation Co.....	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	300,450,600.....	PG-X	do.....	Do.
Gulfstream.....	KTF	300,600.....	PG-X	do.....	Do.
Gulftrade.....	KOV B	300,600.....	PG-X	do.....	Do.
Gunston Hall.....	KICV	300,600.....	PG-N	U. S. S. B.....	Do.
Haddon.....	KIRN	300,450,600.....	PG-X	do.....	
Hadnot.....	KOGP	300,600.....	PG-X	do.....	
Hagan.....	KOQC	300,600.....	PG-X	do.....	
Hagood.....	KOQD	300,600.....	PG-X	do.....	
Hahatonka.....	KUPF	300,450,600.....	PG-X	do.....	
Hahira.....	KUCZ	300,600.....	PG-X	do.....	
Haiti.....	KUEK	300,450,600.....	PG-X	do.....	R. C. of A.
Halcyon.....	KZL	300,450,600.....	P-X	Dutee W. Flint.....	Owner of vessel.
Haleakala.....	KORL	300,450,600.....	PG-X	U. S. S. B.....	I. W. T. Co.
Half Moon.....	KUVX	300,450,600.....	PG-N	do.....	R. C. of A.
Half Moon.....	KDFY	300,600.....		Gordon Woodbury.....	
Halo.....	KDCP	300,600,1800.....	PG-X	U. S. S. B.....	
Halsey.....	KDDR	300,600.....	PG-X	do.....	S. O. R. S.
Halway.....	KDFQ	300,600.....	PG-X	do.....	
Hambro.....	KDSH	300,600,1800.....	PG-X	do.....	
Hammer.....	KDTN	300,450,600,1800.....	PG-X	do.....	
Hamilton.....	KFAM	300,600.....	PG-X	Old Dominion Transpn. Co.....	
Hammac.....	KDTJ	300,600,1800.....	PG-X	U. S. S. B.....	Do.
Hampden.....	WXUI	300,450,600.....	PG-X	Coastwise Transpn. Corp.....	R. C. of A.
Hampton Roads.....	KFSR	300,600.....	PG-X	U. S. S. B.....	
Hancock County.....	KORT	300,450,600.....	PG-X	do.....	Do.
Hanley.....	KDFI	300,600,1800.....	PG-X	do.....	S. O. R. S.
Hannawa.....	KDFR	300,600,1800.....	PG-X	do.....	Do.
Hanover.....	KOJF	300,450,600.....	PG-X	do.....	I. W. T. Co.
Harold B. Nye.....	KDXS	300,600.....	PG-X	Pioneer S. S. Co.....	R. C. of A.
Harold Walker.....	WIX	300,450,600.....	PG-X	Pan-Amer. Pet. & Trans. Co.....	Do.
Harry Franum.....	KQA	300,450,600.....	PG-X	Sinclair Gulf Corp.....	Do.
Harry Luckenbach.....	KIGS	300,525,600.....	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.
Harry Yates.....	KDUB	300,600.....	PG-X	American S. S. Co.....	Owner of vessel.
Hartford.....	KOSS	300,450,600.....	PG-X	U. S. S. B.....	
Hartwood.....	KEVR	300,600.....	PG-X	Hart-Wood Lumber Co.....	Do.
Harvard.....	WRH	300,700.....	PG-N	Los Angeles S. S. Co.....	F. T. Co.
Harvester.....	KDHC	300,600.....	PG-X	Texas S. S. Co.....	I. W. T. Co.
Harvey H. Brown.....	WQE	300,600.....	PG-X	Castner, Curran & Bullitt.....	R. C. of A.
Hastehurst.....	KONB	300,450,600.....	PG-X	U. S. S. B.....	
Hastings.....	KDPL	300,450,600.....	PG-X	do.....	I. W. T. Co.
Hastnai.....	KDVP	300,600.....	PG-X	National Oil Transport Co.....	Do.
Hatchie.....	KIVJ	500,600.....	PG-X	U. S. S. B.....	
Hathaway.....	KODK	300,600.....	PG-X	do.....	
Hatteras.....	WNV	300,450,600.....	PG-X	do.....	
Hattie Luckenbach.....	WNF	300,600.....	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Havilah.....	KCJK	300,450,600.....	PG-X	U. S. S. B.....	
Hawaiian.....	WKU	300,450,600.....	PG-X	American-Hawaiian S. S. Co.....	United American Lines.
Hawarden.....	KUPX	300,450,600.....	PG-X	U. S. S. B.....	
Haxtum.....	KITB	300,450,600.....	PG-X	do.....	
Hayden.....	KUZP	300,450,600.....	PG-X	do.....	
Haymou.....	KDBU	300,600.....	PG-X	do.....	
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	300,700.....	PG-X	U. S. S. B.....	
Hedfron.....	WBAI	300,450,600.....	PG-X	do.....	Do.
Hegira.....	KIDF	300,600.....	PG-X	do.....	Do.
Helen.....	KZII	300,600.....	PG-X	Bull-Insular S. S. Co.....	I. W. T. Co.
Henry Clay.....	KESZ	300,600.....	PG-X	U. S. S. B.....	
Henry County.....	KOMS	300,600.....	PG-X	do.....	
Henry D. Whiton.....	KDRM	300,600.....	PG-X	Union Sulphur Co.....	
Henry J. Biddle.....	WOW	300,600.....	PG-X	California & Hawaiian Sugar Refining 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—
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	300,600,1800	PG-X	U. S. S. B.	S. O. R. S.
Henry Stearns.	KURR	300,450,600	PG-X	do	do
Hera.	KDGA	300,450,600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Herbert G. Wylie.	WIF	300,450,600	PG-X	Pan-Amer. Pet. & Trans. Co.	Do.
Herbert L. Pratt.	KOY	300,600	PG-X	Atlantic Refining Co.	Do.
Hercules.	KOCT	300,600	PG-X	Moore Shipbuilding Co.	Owner of vessel
Hercules.	KDH	300,600	PG-N	United Fruit Co.	T. R. T. Co.
Herman Frasch.	KDLW	300,450,600	PG-X	Union Sulphur Co.	S. O. R. S.
Hermosa.	WBP	300,600	PG-X	Wilmington Transp. Co.	R. C. of A.
H. F. Alexander.	KDYK	300,550,600, 1900	PG-N	Pacific S. S. Co.	Do.
H. F. Morse.	KOFJ	300,600	PG-N	United States Transport Co.	Do.
H. H. Rogers.	KSI	300,450,600	PG-X	Standard Oil Co. of N. J.	Do.
Hlekman.	WFOA	300,450,600	PG-N	U. S. S. B.	Do.
Hleo.	KECK	300,600	PG-X	do	Do.
Hlgho.	KUBV	300,600	PG-X	do	Do.
Hillsborough 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	U. S. S. B.	S. O. R. S.
Hisko.	WQD	300,600	PG-X	do	Do.
H. M. Flagler.	KER	300,450,600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
R. M. Storey.	KDVV	300,600	PG-X	Standard Oil Co. of Calif.	Do.
H. M. Whitney.	WPV	300,600	PG-X	Whitney S. S. Corp.	Do.
Hoboken.	KDEQ	300,440,525, 600	PG-X	Erle Basin Towing & Hoisting 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.
Holly wood.	KDCS	300,450,600	PG-N	U. S. S. B.	R. C. of A.
Holyoke Bridge.	KUCJ	300,600	PG-X	do	Do.
Home.	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.
Honedaga.	KUXZ	300,600	PG-N	do	Do.
Honolulu.	WMZ	300,600	PG-X	do	Moore & McCormack.
Hopatcong.	KDKC	300,600	PG-N	do	Do.
Horace X. Baxter.	WOF	300,600	PG-X	Horace X. Baxter S. S. Co.	Owner of vessel.
Houma.	WTUO	300,450,600	PG-X	U. S. S. B.	I. W. T. Co.
Houston.	KDCO	300,450,600	PG-X	do	Do.
Hoven.	KEXV	300,600	PG-N	do	Do.
Howard.	KQH	300,450,600	PG-N	Merchants & Miners Trans. Co.	Do.
Howick Hall.	KLT	300,600	PG-X	U. S. Steel Products Co.	R. C. of A.
Hoxbar.	KIJQ	300,600	PG-X	U. S. S. B.	Do.
Hoxie.	KEMK	300,600	PG-X	do	S. O. R. S.
H. T. Harper.	KDVM	300,600	PG-X	Standard Oil Co. of Calif.	R. C. of A.
Hugoton.	KIQR	300,600	PG-X	U. S. S. B.	Do.
Huguenot.	KIVQ	300,600	PG-X	do	I. W. T. Co.
Hukey.	KIFC	300,600	PG-X	do	Do.
Hulaco.	KODQ	300,600	PG-X	do	Do.
Hulver.	KIGD	300,450,600	PG-X	do	Do.
Humacomas.	KIGC	300,600	PG-X	do	S. O. R. S.
Humboldt.	WHX	300,600	PG-N	Fred Lindermaa	Owner of vessel.
Humrick.	KIFN	300,450,600	PG-X	U. S. S. B.	Do.
Huron.	KVH	300,450,600	PG-N	Clyde S. S. Co.	I. W. T. Co.
Huron.	WCH	300,600	PG-X	Wyandotte Transp. Co.	R. C. of A.
Hutchinson.	KUIP	300,450,600	PG-X	U. S. S. B.	Do.
Hyades.	WMK	300,600	PG-X	Matson Navigation Co.	Do.
Hyannis.	KINC	300,600	PG-X	U. S. S. B.	I. W. T. Co.
Hybert.	KDCA	330,600	PG-X	do	Do.
Ice King.	KJUA	300,600	PG-N	do	Do.
Iceland.	KOKK	300,600	PG-X	do	Do.
Icelandium.	WQUO	300,600	PG-X	do	Do.
I. C. White.	KDDB	300,600	PG-X	Pan-American Petroleum & Transport Co.	R. C. of A.
Ida.	WLW	300,450,600	PG-X	U. S. S. B.	Do.
I. J. Merritt.	KOVZ	300,600	PG-X	Merritt & Chapman Derrick & Wrecking Co.	Owner of vessel.
Illinois.	KDSZ	300,600,1800	PG-X	Texas Co.	I. W. T. Co.
Illinois.	WCZ	300,600	PG-X	Goodrich Transit Co.	R. C. of A.
Imlay.	KIZV	300,600	PG-X	U. S. S. B.	Do.
Independence.	WJJO	300,450,600	PG-X	do	Do.
Independence Hall.	KDCG	300,450,600	PG-X	do	S. O. R. S.
Independence Bridge.	KOGB	300,600	PG-X	do	R. C. of A.
India Arrow.	KDHP	300,450,600	PG-X	Standard Transp. Co.	Do.
Indiana.	WFC	300,600	PG-X	Goodrich Transit 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—
Indiana Bridge	KOND	300, 450, 600.	PG-X	U. S. S. B.	
Indiana Harbor	KUBS	300, 600.	PG-X	do.	
Indianapolis	WROE	300, 600.	PG-N	do.	
Ingold	WLUU	300, 600.	PG-X	do.	
Innoko	KITJ	300, 450, 600.	PG-X	do.	I. W. T. Co.
Inspector	KOKR	300, 600.	PG-X	do.	
Intan	KIGK	300, 600.	PG-N	do.	
Intrepid	KDHI	300, 600.	PG-X	W. S. Kilmer	R. C. of A.
Invader	KDWR	300, 600.	PG-X	J. P. Jefferson	Do.
Invincible	WCII	300, 450, 600.	PG-X	U. S. S. B.	
Iowan	WKJ	300, 450, 600.	PG-X	American-Hawaiian S. S. Co.	United American Lines. Do.
Ipswich	KILV	300, 600.	PG-X	Shawmut S. S. Co.	
Irages	KDYH	300, 600.	PG-X	International Petroleum Co.	
Irene	KOKT	300, 600.	PG-X	A. H. Bull S. S. Co.	
Iris	WOJ	300, 450, 600.	PG-X	Pacific Transport Co.	R. C. of A.
Iroquois	KUTQ	300, 600.	PG-X	Chicago & South Haven 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.	
Isanti	WVEU	300, 600.	PG-X	do.	
Isonomia	KEL	300, 600.	PG-N	do.	Do.
Italia	KUPB	300, 450, 600.	PG-X	Submarine Boat Corp.	R. C. of A.
Itompa	KENR	300, 450, 600.	PG-X	U. S. S. B.	
J. A. Bostwick	KJN	300, 450, 600.	PG-X	Standard Oil Co. of N. J.	Do.
Jackson	KIKC	300, 450, 600.	PG-X	U. S. S. B.	
Jacksonville	KOJG	300, 450, 600.	PG-X	do.	
Jacob Luckenbach	KDXE	300, 450, 1800.	PG-X	Luckenbach S. S. Co.	Owner of vessel.
Jacob T. Kopp	KDVS	300, 600.	PG-X	American S. S. Co.	Do.
Jacona	WQUU	300, 450, 600.	PG-X	U. S. S. B.	S. O. R. S.
Jacox	KEML	300, 400, 600.	PG-X	do.	I. W. T. Co.
Jadden	KORM	300, 450, 600.	PG-X	do.	R. C. of A.
Jalapa	KDCW	300, 600.	PG-X	do.	S. O. R. S.
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.	
James P. Walsh	KDXW	300, 600.	PG-X	Pioneer S. S. Co.	Do.
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, 450, 1800.	PG-X	Standard Oil Co. of Calif.	R. C. of A.
J. A. Moffett, Jr.	KDTU	300, 450, 600.	PG-X	Standard Oil Co. of N. J.	Do.
Janelew	KDFS	300, 600, 1800.	PG-X	U. S. S. B.	S. O. R. S.
Japan Arrow	KDHO	300, 600.	PG-N	Standard Transp. Co.	R. C. of A.
Java Arrow	KDHIQ	300, 600.	PG-X	do.	Do.
J. C. Donnell	WJM	300, 450, 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.	
Jeff Davis	KDQF	300, 600, 1800.	PG-X	do.	S. O. R. S.
Jefferson	KOD	300, 450, 600.	PG-X	Old Dominion Transp. Co.	R. C. of A.
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.	
Jekyl	KEBS	300, 600.	PG-X	do.	
Jennie R. Morse	KUNN	300, 450, 600.	PG-X	do.	
J. E. O'Neil	KSB	300, 600.	PG-X	Atlantic Refining Co.	R. C. of A.
Jephtha	KDFU	300, 600.	PG-X	U. S. S. B.	S. O. R. S.
J. Fletcher Farrell	KDHR	300, 600.	PG-X	Sinclair Navigation Co.	R. C. of A.
J. F. Penrose	KUQN	300, 450, 600.	PG-X	National Oil Transport Co.	I. W. T. Co.
Jim Sid	KUZD	300, 600.	PG-X	Gulf Barge & Towing Co.	
J. J. Sullivan	KDXV	300, 600.	PG-X	Pioneer S. S. Co.	R. C. of A.
J. L. Reiss	KURJ	300, 600.	PG-X	Reiss S. S. Co.	Do.
J. M. Danziger	WIW	300, 450, 600.	PG-X	Pan-Amer. Petr. & Trans. Co.	Do.
J. M. Guffey	KTF	300, 600.	PG-X	Gulf Refining Co.	I. W. T. Co.
J. N. Pew	KDTP	300, 600.	PG-X	Sun Co.	R. C. of A.
Johanna Smith	WHZ	300, 600.	PG-X	Pacific States Lumber Co.	Owner of vessel.
John Adams	KOSS	300, 600.	PG-X	U. S. S. B.	
John C. Kirkpatrick	KDQR	300, 600.	PG-X	Thomas Crowley	
John D. Archbold	KDUM	300, 600.	PG-X	Standard Oil Co. of N. J.	R. C. of A.
John D. Rockefeller	KTO	300, 450, 600.	PG-X	do.	Do.
John Ena	KIRS	300, 600.	PG-X	James Botts	Owner of vessel.
John Englis	KDDJ	300, 450, 600, 1800	PG-X	U. S. S. B.	
John F. Hylan	KUSM	300, 600.	PR-X	Police Dept., City of N. Y.	Do.
John Jay	KUNR	300, 600.	PG-X	U. S. S. B.	
John J. Boland	KDWB	300, 600.	PG-X	American S. S. Co.	Do.
John M. Connelly	KJFI	300, 600.	PG-X	U. S. S. B.	
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.	
Johnson City	KIKD	300, 600.	PG-X	do.	
John Stanton	KDXT	300, 600.	PG-X	Pioneer 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—
John Stevens.....	KDGM	300, 600, 1800.	PG-X	U. S. S. B.	
John Worthington.....	KDMN	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.
Jole.....	KUVT	300, 450, 600.	PG-X	U. S. S. B.	R. C. of A.
Jomar.....	KUGT	300, 450, 600.	PG-X	do.	Do.
Jonancy.....	KSEU	300, 450, 600.	PG-X	Pocahontas Fuel Co.	Do.
Joseph G. Butler, jr.....	KDXU	300, 600.	PG-X	Pioneer S. S. Co.	Do.
Joseph M. Cudahy.....	KDMT	300, 600.	PG-X	Sinclair Navigation Co.	Do.
Joseph R. Parrott.....	KJPF	300, 450, 600.	PG-X	Florida East Coast Car Ferry Co.	Do.
Joseph Seep.....	KDIV	300, 450, 600.	PG-X	Standard Oil Co. of N. J.	Do.
Josiah Macy.....	KEX	300, 600.	PG-X	do.	Do.
J. R. Gordon.....	KOML	300, 600.	PG-X	Union Sulphur Co.	S. O. R. S.
J. T. Hutchinson.....	KDXX	300, 600.	PG-X	Pioneer S. S. Co.	R. C. of A.
Julia Luckenbach.....	KGZ	300, 450, 600.	PG-X	Luckenbach S. S. Co.	S. O. R. S.
Juneau.....	WAM	300, 600.	PG-X	Alaska S. S. Co.	Do.
Juniata.....	KOP	300, 450, 600.	PG-N	Merchants & Miners Transp. 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. Van Dyke.....	KHR	300, 450, 600.	PG-X	Atlantic Refining Co.	R. C. of A.
Kaleen.....	KOKV	300, 600.	PG-X	U. S. S. B.	
Kamesit.....	KEDG	300, 450, 600.	PG-X	do.	I. W. T. Co.
Kanak.....	KOT	300, 400, 600.	PG & PR-X	Alaska Packers Assn.	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 Luckenbach.....	KWU	300, 450, 600.	PG-X	Luckenbach S. S. Co.	S. O. R. S.
Kayseeka.....	KOQZ	300, 600.	PG-X	U. S. S. B.	
Kearny.....	KOPR	300, 600.	PG-N	do.	
Kebuku.....	KUPV	300, 450, 600.	PG-X	do.	
Keketicicut.....	KZEA	300, 600.	PG-X	do.	
Kekoskee.....	KDGY	300, 450, 600.	PG-X	do.	I. W. T. Co.
Kennecott.....	KDPP	300, 450, 550, 600	PG-X	Alaska S. S. Co.	S. O. R. S.
Kentwick.....	KOSV	300, 450, 600.	PG-X	U. S. S. B.	R. C. of A.
Kentuckian.....	WKE	300, 450, 600.	PG-X	American-Hawaiian S. S. Co.	United American Lines.
Kerhonkson.....	KUJF	300, 450, 600.	PG-X	U. S. S. B.	R. C. of A.
Kermit.....	WMV	300, 450, 600.	PG-X	do.	United American Lines.
Kershaw.....	KQK	300, 450, 600.	PG-X	Merchants & Miners Transp. Co.	I. W. T. Co.
Keshena.....	KITR	300, 600.	PG-X	U. S. S. B.	
Ketchikan.....	WAE	300, 600.	PG-X	Alaska S. S. Co.	S. O. R. S.
Kewanee.....	KIVC	300, 450, 600.	PG-X	U. S. S. B.	Do.
K. I. Luckenbach.....	KHY	300, 450, 600.	PG-X	Luckenbach S. S. Corp.	Do.
Kingfisher.....	KDNJ	300, 600.	PG-X	Andrew Hudson	I. W. T. Co.
Kiokee.....	KITS	300, 600.	PG-X	U. S. S. B.	
Kiowa.....	KIDP	300, 600.	PG-X	Independent S. S. Co.	
Kiowa.....	KRL	300, 600.	PG-X	Clyde S. S. Co.	
Kiron.....	KITT	300, 600.	PG-X	U. S. S. B.	
Kishaoquillas.....	KIFJ	300, 600.	PG-X	do.	
Kisnop.....	KIJK	300, 450, 600.	PG-X	do.	
Kitchi.....	KITV	300, 450, 600.	PG-X	do.	
Kittigaun.....	KITQ	300, 600.	PG-X	do.	
Knoxville.....	KIJN	300, 600.	PG-X	do.	
Knoxville City.....	KDUD	300, 450, 600.	PG-X	U. S. Steel Products Co.	R. C. of A.
Kolda.....	KOKX	300, 600.	PG-X	U. S. S. B.	
Kootenia.....	KOGF	300, 450, 600.	PG-X	do.	
Kosciuszko.....	KZUE	300, 600.	PG-X	Polish-American Nav. Corp.	Do.
K. R. Kingsbury.....	KDRE	300, 600.	PG-X	Standard Oil Co. of Calif.	
Kroonland.....	KSH	300, 450, 600.	PG-N	International Mercantile Marine Co.	I. W. T. Co.
Kuwa.....	WCEE	300, 400, 600.	PG-X	U. S. S. B.	
Kvichak.....	WNS	300, 400, 600.	PG & PR-N, & X	Alaska Packers Assn.	Owner of vessel.
Labette.....	KIZX	300, 600.	PG-X	U. S. S. B.	S. O. R. S.
La Brea.....	WON	300, 600, 1800.	PG-X	Union Oil Co.	F. T. Co.
Lackawanna Bridge.....	KOGC	300, 600.	PG-X	U. S. S. B.	
Lackawanna Valley.....	KIXD	300, 450, 600.	PG-X	do.	
La Crosse.....	KONM	300, 450, 600.	PG-X	do.	
Lafocomo.....	KIXK	300, 450, 600.	PG-X	do.	I. W. T. Co.
La Jota.....	KDXF	300, 450, 600.	P-X	W. W. Wilson	Owner of vessel.
Lake Agomak.....	KZEU	300, 450, 600.	PG-X	U. S. S. B.	
Lake Akkra.....	KVUE	300, 450, 600.	PG-X	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 Allen.....	KLEI	300,600.....	PG-X	U. S. S. B.....	
Lake Alvard.....	KXAA	300,600.....	PG-X	do.....	
Lake Annette.....	KKOE	300,450,600.....	PG-X	do.....	
Lake Arline.....	KZOE	300,600.....	PG-X	do.....	
Lake Arthur.....	WFL	300,600.....	PG-X	Richmond-New York S. S. Co.	R. C. of A.
Lake Aurice.....	KZIA	300,600.....	PG-X	U. S. S. B.....	
Lake Beacon.....	WTAA	300,450,600.....	PG-X	do.....	
Lake Belhona.....	KZIH	300,600.....	PG-X	do.....	
Lake Benbow.....	KVAF	300,600.....	PG-X	do.....	
Lake Benton.....	KSIU	300,600.....	PG-X	do.....	
Lake Berdan.....	KZEE	300,600.....	PG-X	do.....	
Lake Blanchester.....	KTTU	300,600.....	PG-X	do.....	
Lake Bledsoe.....	KTCE	300,600.....	PG-X	do.....	
Lakebridge.....	KDIS	300,600.....	PG-X	do.....	
Lake Buckeye.....	WSEU	300,600.....	PG-X	do.....	
Lake Butler.....	WFN	300,600.....	PG-N	do.....	
Lake Cahoon.....	WKEE	300,600.....	PG-X	do.....	
Lake Calistoga.....	KXIU	300,600.....	PG-X	do.....	
Lake Callicoon.....	WNAO	300,450,600.....	PG-X	do.....	S. O. R. S. Do.
Lake Canavon.....	KIDS	300,450,600.....	PG-X	do.....	
Lake Candelaria.....	KIJB	300,600.....	PG-X	do.....	
Lake Cannonsburg.....	KIMV	300,600.....	PG-X	do.....	
Lake Capens.....	KLUA	300,600.....	PG-X	do.....	
Lake Cathoon.....	WLEO	300,600.....	PG-X	do.....	
Lake Catherine.....	KSHI	300,450,600.....	PG-X	do.....	
Lake Cayuga.....	KLUI	300,450,600.....	PG-X	do.....	
Lake Charles.....	KHW	300,600.....	PG-X	do.....	
Lake Charlotte.....	KQEO	300,600.....	PG-X	do.....	
Lake Charlottes- ville.....	WNEA	300,600.....	PG-X	do.....	
Lake Chelan.....	KQUO	300,600.....	PG-X	do.....	
Lake Clear.....	KLEO	300,600.....	PG-X	do.....	
Lake Como.....	KLIE	300,600.....	PG-X	do.....	Do.
Lake Conesus.....	KSAO	300,600.....	PG-X	do.....	
Lake Copley.....	WKAU	300,600.....	PG-X	do.....	
Lake Crescent.....	WAP	300,600.....	PG-X	do.....	
Lake Crystal.....	KLAO	300,600.....	PG-X	do.....	
Lake Daucey.....	KZEO	300,600.....	PG-X	do.....	
Lake Daraga.....	KRIA	300,600.....	PG-X	do.....	
Lake Delancey.....	KXAE	300,450,600.....	PG-X	do.....	
Lake Desha.....	WTAE	300,600.....	PG-X	do.....	
Lake Deval.....	WKEA	300,600.....	PG-X	do.....	
Lake Duane.....	KSOO	300,600.....	PG-X	do.....	
Lake Dunmore.....	KDIY	300,450,600.....	PG-X	do.....	
Lake Dymmer.....	KZEI	300,600.....	PG-X	do.....	
Lake Eckhart.....	KSOE	300,600.....	PG-X	do.....	
Lake Eliko.....	KTAI	300,600.....	PG-X	do.....	
Lake Elizabeth.....	WOP	300,600.....	PG-X	do.....	
Lake Elkwater.....	KEPM	300,600.....	PG-X	do.....	
Lake Elkwood.....	KENP	300,600.....	PG-X	do.....	
Lake Ellendale.....	KEPN	300,600.....	PG-X	do.....	
Lake Ellenorah.....	KEPP	300,600.....	PG-X	do.....	
Lake Ellerslie.....	KEQM	300,600.....	PG-X	do.....	
Lake Ellicott.....	KEQN	300,600.....	PG-X	do.....	
Lake Ellijay.....	KOBL	300,600.....	PG-X	do.....	
Lake Ellithorpe.....	KOFM	300,600.....	PG-X	do.....	
Lake Ellsbury.....	KOFP	300,450,600.....	PG-X	do.....	
Lake Ellsworth.....	KOCZ	300,600.....	PG-X	do.....	
Lake Elmdale.....	KOLR	300,450,600.....	PG-X	do.....	
Lake Elmhurst.....	KOFQ	300,600.....	PG-X	do.....	
Lake Elmont.....	KOQG	300,450,600.....	PG-X	do.....	
Lake Elmsford.....	KOVG	300,450,600.....	PG-X	do.....	
Lake Elmwood.....	KOZT	300,450,600.....	PG-X	do.....	
Lake Flon.....	KOBZ	300,450,600.....	PG-X	do.....	
Lake Elpueblo.....	KOFV	300,600.....	PG-X	do.....	
Lake Elsah.....	KOSR	300,450,600.....	PG-X	do.....	R. C. of A.
Lake Elsinore.....	KRIH	300,600.....	PG-X	do.....	
Lake Elsmere.....	KONT	300,450,600.....	PG-X	do.....	I. W. T. Co.
Lake Elva.....	KUBR	300,450,600.....	PG-X	do.....	
Lake Elwin.....	KUDM	300,450,600.....	PG-X	do.....	
Lake Ennis.....	KLUO	300,600.....	PG-X	do.....	
Lake Fabius.....	KIPQ	300,600.....	PG-X	do.....	
Lake Fabyan.....	KINJ	300,450,600.....	PG-X	do.....	
Lake Fagindus.....	KISN	300,600.....	PG-X	do.....	
Lake Fairfax.....	KIRV	300,600.....	PG-X	do.....	
Lake Fairlie.....	KISP	300,450,600.....	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.

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 Fanbush.....	KEJN	300, 600.....	PG-X	U. S. S. B.....	
Lake Fandango.....	KOVL	300, 600.....	PG-X	do.....	
Lake Fandon.....	KOVS	300, 600.....	PG-X	do.....	
Lake Fannin.....	KECN	300, 450, 600..	PG-X	do.....	I. W. T. Co.
Lake Fanquier.....	KEKN	300, 600.....	PG-X	do.....	
Lake Fansdale.....	KEKM	300, 600.....	PG-X	do.....	
Lake Farabee.....	KEBP	300, 600.....	PG-X	do.....	
Lake Farber.....	KIRB	300, 600.....	PG-X	do.....	
Lake Faresman.....	KEVZ	300, 600.....	PG-X	do.....	
Lake Farwa.....	WLEA	300, 600.....	PG-X	do.....	
Lake Faribault.....	KEDM	300, 600.....	PG-X	do.....	
Lake Faristell.....	WLES	300, 450, 600..	PG-X	do.....	
Lake Farley.....	KEDP	300, 600.....	PG-X	do.....	
Lake Farlin.....	KIGM	300, 600.....	PG-X	do.....	
Lake Farmingdale..	KIPZ	300, 600.....	PG-X	do.....	S. O. R. S.
Lake Farragut.....	KIQN	300, 600.....	PG-X	do.....	
Lake Farrar.....	KISX	300, 600.....	PG-X	do.....	R. C. of A. Do.
Lake Faulk.....	KEJP	300, 600.....	PG-X	do.....	
Lake Favonia.....	KOJP	300, 450, 600..	PG-X	do.....	
Lake Faxon.....	KOLJ	300, 600.....	PG-X	do.....	
Lake Fear.....	KIVM	300, 600.....	PG-X	do.....	
Lake Felden.....	KOLK	300, 450, 600..	PG-X	do.....	
Lake Fenn.....	KOTT	300, 600.....	PG-X	do.....	
Lake Feodora.....	KUBT	300, 600.....	PG-X	do.....	
Lake Fernalda.....	KOPB	300, 600.....	PG-X	do.....	
Lake Fernando.....	KELM	300, 450, 600..	PG-X	do.....	
Lake Fernwood.....	KDEA	300, 600.....	PG-X	do.....	
Lake Ferrona.....	KELN	300, 450, 600..	PG-X	do.....	
Lake Festina.....	KEQP	300, 450, 600..	PG-X	do.....	
Lake Festus.....	KERM	300, 600.....	PG-X	do.....	S. O. R. S.
Lake Fibre.....	KERN	300, 600.....	PG-X	do.....	
Lake Fielding.....	KERP	300, 600.....	PG-X	do.....	I. W. T. Co.
Lake Fife.....	KESM	300, 600.....	PG-X	do.....	
Lake Figart.....	KESN	300, 600.....	PG-X	do.....	
Lake Fighting.....	KESP	300, 600.....	PG-X	do.....	S. O. R. S.
Lake Filbert.....	KONV	300, 450, 600..	PG-X	do.....	
Lake Filton.....	KOPV	300, 600.....	PG-X	do.....	
Lake Fiscus.....	KOCG	300, 600.....	PG-X	do.....	
Lake Fisher.....	KODD	300, 600.....	PG-X	do.....	
Lake Fish.....	KOJQ	300, 600.....	PG-X	do.....	
Lake Fitbrian.....	KOKZ	300, 600.....	PG-X	do.....	
Lake Flag.....	KUMX	300, 450, 600..	PG-X	do.....	
Lake Flagon.....	KIXT	300, 600.....	PG-X	do.....	
Lake Flagstaff.....	KIZM	300, 600.....	PG-X	do.....	I. W. T. Co.
Lake Flambeau.....	KIZN	300, 600.....	PG-X	do.....	
Lake Flanders.....	KOGT	300, 600.....	PG-X	do.....	
Lake Flatonia.....	KOGS	300, 600.....	PG-X	do.....	
Lake Flattery.....	KOMC	300, 600.....	PG-X	do.....	
Lake Floravista.....	KUFC	300, 450, 600..	PG-X	do.....	
Lake Florian.....	KUFD	300, 450, 600..	PG-X	do.....	R. C. of A.
Lake Floris.....	KUFF	300, 450, 600..	PG-X	do.....	
Lake Flournoy.....	KUFG	300, 450, 600..	PG-X	do.....	Do.
Lake Flovilla.....	KESK	300, 600.....	PG-X	do.....	
Lake Flume.....	KMUU	300, 600.....	PG-X	do.....	
Lake Flushing.....	KEBV	300, 600.....	PG-X	do.....	
Lake Fluvanna.....	WLAU	300, 600.....	PG-X	do.....	
Lake Flynus.....	KECV	300, 600.....	PG-X	do.....	
Lake Folcroft.....	KEXL	300, 600.....	PG-X	do.....	
Lake Fonda.....	KEZC	300, 600.....	PG-X	do.....	
Lake Fondulac.....	WSEO	300, 600.....	PG-X	do.....	
Lake Fontana.....	KEZD	300, 600.....	PG-X	do.....	
Lake Fontanet.....	KEZF	300, 600.....	PG-X	do.....	
Lake Forkville.....	WLEI	300, 600.....	PG-X	do.....	
Lake Forney.....	WBUU	300, 600.....	PG-X	do.....	
Lake Forsby.....	WCUA	300, 600.....	PG-X	do.....	
Lake Fossil.....	WCUE	300, 600.....	PG-X	do.....	Do.
Lake Fostoria.....	WPIO	300, 600.....	PG-X	do.....	
Lake Fouche.....	WPIU	300, 600.....	PG-X	do.....	
Lake Foxboro.....	KESB	300, 600.....	PG-X	do.....	
Lake Foxcraft.....	KEGL	300, 600.....	PG-X	do.....	
Lake Fraichur.....	KEJG	300, 600.....	PG-X	do.....	
Lake Fraley.....	KEJJ	300, 600.....	PG-X	do.....	
Lake Frances.....	KTAO	300, 600.....	PG-X	do.....	
Lake Franconia.....	WCUO	300, 600.....	PG-X	do.....	
Lake Fray.....	WCUU	300, 600.....	PG-X	do.....	
Lake Frazec.....	W DUA	300, 450, 600..	PG-X	do.....	
Lake Freeborn.....	WDUI	300, 600.....	PG-X	do.....	
Lake Freed.....	WDUO	300, 600.....	PG-X	do.....	
Lake Freeland.....	WDUU	300, 450, 600..	PG-X	do.....	
Lake Freezeout.....	WFUA	300, 450, 600..	PG-X	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 Frenhton...	WFUE	300, 600.	PG-X	U. S. S. B.	
Lake Fresco.....	WNAU	300, 450, 600.	PG-X	do	
Lake Friar.....	KEFN	300, 600.	PG-X	do	
Lake Frio.....	KEFP	300, 600.	PG-X	do	
Lake Frohna.....	KEGR	300, 450, 600.	PG-X	do	
Lake Frolono.....	KEGN	300, 600.	PG-X	do	
Lake Frugality....	KEGP	300, 600.	PG-X	do	
Lake Frumet.....	KIRJ	300, 600.	PG-X	do	
Lake Fugard.....	WLEU	300, 450, 600.	PG-X	do	
Lake Furley.....	WMAA	300, 600.	PG-X	do	I. W. T. Co.
Lake Furlough....	KEKP	300, 450, 600.	PG-X	do	
Lake Furnas.....	KUTV	300, 600.	PG-X	do	
Lake Gadsden....	KITP	300, 600.	PG-X	do	R. C. of A.
Lake Gaither.....	KOJZ	300, 600.	PG-X	do	
Lake Gakona.....	KVOU	300, 600.	PG-X	do	
Lake Galata.....	KOJJ	300, 450, 600.	PG-X	do	
Lake Galera.....	KXAI	300, 600.	PG-X	do	
Lake Galewood....	KOJX	300, 600.	PG-X	do	
Lake Galien.....	KOJT	300, 450, 600.	PG-X	do	
Lake Galisteo....	KUGL	300, 450, 600.	PG-X	do	
Lake Ganado.....	KUMB	300, 600.	PG-X	do	S. O. R. S.
Lake Gano.....	KDGR	300, 600.	PG-X	do	
Lake Gardner.....	KXEO	300, 600.	PG-X	do	
Lake Garza.....	KVOE	300, 600.	PG-X	do	
Lake Gaspar.....	KVOI	300, 450, 600.	PG-X	do	
Lake Gatun.....	KDKP	300, 600.	PG-X	do	
Lake Gazette.....	KIPN	300, 600.	PG-X	do	
Lake Gebhart.....	KOGV	300, 450, 600.	PG-X	do	
Lake Gedney.....	KVUO	300, 450, 600.	PG-X	do	
Lake Geneva.....	KXUA	300, 600.	PG-X	do	
Lake George.....	KDIZ	300, 600.	PG-X	do	
Lake Gera.....	KOKS	300, 600.	PG-X	do	R. C. of A.
Lake Gert.....	KOMB	300, 600.	PG-X	do	
Lake Getaway....	KOLZ	300, 450, 600.	PG-X	do	
Lake Geyser.....	KULD	300, 600.	PG-X	do	
Lake Giddings....	KUCR	300, 600.	PG-X	do	
Lake Gilboa.....	KEZJ	300, 450, 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	
Lake Giltedge....	KEBM	300, 600.	PG-X	do	S. O. R. S.
Lake Girardeau... Lake Girth.....	KOCS KEBN	300, 600. 300, 600.	PG-X PG-X	do do	I. W. T. Co.
Lake Gitano.....	KECM	300, 600.	PG-N	do	S. O. R. S.
Lake Glasco.....	KINK	300, 600.	PG-X	do	
Lake Glaucus....	KUMV	300, 600.	PG-X	do	
Lake Glebe.....	KIBB	300, 450, 600.	PG-X	do	
Lake Glencoe....	KIGB	300, 600.	PG-X	do	
Lake Gorin.....	WRIE	300, 600.	PG-X	do	
Lake Gormania... Lake Govan.....	WVIA WVIU	300, 600. 300, 600.	PG-X PG-X	do do	
Lake Gradan....	WSUU	300, 600.	PG-X	do	
Lake Grainger... Lake Grama.....	KEJK KEJL	300, 600. 300, 450, 600.	PG-X PG-X	do do	
Lake Graupian... Lake Grampus....	KEKG KEKJ	300, 450, 600. 300, 600.	PG-X PG-X	do do	
Lake Granby.....	KIDB	300, 600.	PG-X	do	
Lake Grandon... Lake Graphite... Lake Gratis.....	WLAI WZOA WZOE	300, 600. 300, 600. 300, 600.	PG-X PG-X PG-X	do do do	
Lake Grattan....	WZOI	300, 600.	PG-X	do	
Lake Gravella... Lake Gravett....	WZOO WZOU	300, 450, 600. 300, 450, 600.	PG-X PG-X	do do	
Lake Gravity....	WBUA	300, 600.	PG-X	do	
Lake Greenbrier... Lake Gretna....	WBUE WBUI	300, 600. 300, 600.	PG-X PG-X	do do	
Lake Grogan....	WBUO	300, 600.	PG-X	do	
Lake Gunni.....	KUNC	300, 600.	PG-X	do	
Lake Haresti.... Lake Harminia... Lake Hamey.....	KUGN KUNB KGOE	300, 450, 600. 300, 600. 300, 600.	PG-X PG-X PG-X	do do International Coal Trans. Corp.	
Lake Harris....	KXAU	300, 450, 600.	PG-X	U. S. S. B.	
Lake Hector.....	KUMZ	300, 450, 600.	PG-X	do	R. C. of A.
Lake Helen.....	KZOI	300, 600.	PG-X	do	
Lake Hemlock....	KLOE	300, 600.	PG-X	do	
Lake Hewes.....	KVUU	300, 600.	PG-X	do	
Lakehurst.....	KLOI	300, 600.	PG-X	do	
Lake Ikatan.....	KUCM	300, 450, 600.	PG-X	do	
Lake Inaha.....	KEFM	300, 450, 600.	PG-X	do	
Lake Indian.....	KZOO	300, 600.	PG-X	do	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—
Lake Inglenook.....	KOBT	300, 600.	PG-X	U. S. S. B.	
Lake Janet.....	KRF	300, 600.	PG-X	do.	
Lake Jessup.....	KHV	300, 600.	PG-X	International Coal Trans. Corp.	
Lake Kytile.....	WCOU	300, 600.	PG-X	U. S. S. B.	
Lakeland.....	WDL	300, 600.	PG-X	Tri-State S. S. Co.	R. C. of A.
Lake Larga.....	KMUE	300, 450, 600.	PG-X	U. S. S. B.	
Lake Lasang.....	KMUA	300, 600.	PG-X	do.	
Lake Ledang.....	KTUA	300, 600.	PG-X	do.	
Lake Lemando.....	WCUA	300, 600.	PG-X	do.	
Lake Lesa.....	KXOU	300, 600.	PG-X	do.	
Lake Licco.....	WTAO	300, 600.	PG-X	do.	
Lake Lida.....	KLOO	300, 450, 600.	PG-X	do.	
Lake Liliusun.....	KZIO	300, 600.	PG-X	do.	
Lake Lillian.....	KXUI	300, 600.	PG-X	International Coal Trans. Corp.	
Lake Linden.....	KZAE	300, 600.	PG-X	U. S. S. B.	
Lake Louise.....	KZUU	300, 600.	PG-X	do.	
Lake Marion.....	KZEE	300, 600.	PG-X	do.	
Lake Markham.....	KTOU	300, 600.	PG-X	do.	
Lake Mary.....	KREO	300, 600.	PG-X	do.	
Lake Mattato.....	WPAI	300, 600.	PG-X	do.	
Lake Maurepas.....	KLEA	300, 600.	PG-X	do.	
Lake Medford.....	KZOA	300, 450, 600.	PG-X	do.	
Lake Miraflores.....	KDNR	200, 600.	PG-X	do.	
Lake Narka.....	KTOA	300, 600.	PG-X	do.	
Lake Ogden.....	KHUH	300, 600.	PG-X	do.	
Lake Onawa.....	KOIM	300, 600.	PG-X	do.	
Lake Ontario.....	KOIR	300, 600.	PG-X	do.	
Lake Orange.....	KZOU	300, 600.	PG-X	do.	
Lake Ormoc.....	KVUA	300, 600.	PG-X	do.	
Lake Osweya.....	KVAA	300, 450, 600.	PG-X	do.	
Lake Otisco.....	KLIA	300, 600.	PG-X	Internat. Coal Trans. Corp.	
Lake Paquago.....	KTAO	300, 600.	PG-X	U. S. S. B.	
Lake Pachuta.....	KTUU	300, 600.	PG-X	do.	
Lake Pearl.....	KVIO	300, 450, 600.	PG-X	do.	
Lake Pepin.....	KTUI	300, 450, 600.	PG-X	do.	
Lake Pewaukee.....	KLEU	300, 600.	PG-X	do.	
Lake Pickaway.....	WKAO	300, 600.	PG-X	do.	
Lake Pleasant.....	KXEA	300, 600.	PG-X	do.	
Lake Saba.....	KOS	300, 600.	PG-X	do.	
Lake Sanford.....	KXEI	300, 600.	PG-X	do.	
Lake Sapor.....	KEZB	300, 600.	PG-X	do.	
Lake Savorus.....	KOCB	300, 450, 600.	PG-X	do.	
Lake Sebago.....	KLUE	300, 600.	PG-X	do.	
Lake Shawano.....	KLOU	300, 600.	PG-X	do.	
Lakeshore.....	KDIV	300, 600.	PG-X	do.	
Lake Silver.....	KEE	300, 600.	PG-X	do.	
Lake Singara.....	KITQ	300, 600.	PG-X	do.	
Lake Slav.....	KOTJ	300, 600.	PG-X	do.	
Lake Stirling.....	KEBR	300, 450, 600.	PG-X	Richmond-New York S. S. Co.	S. O. R. S.
Lake Strabo.....	WNL	300, 450, 600.	PG-X	U. S. S. B.	R. C. of A.
Lake St. Clair.....	WNL	300, 450, 600.	PG-X	do.	
Lake St. Regis.....	KLEE	300, 600.	PG-X	do.	
Lake Strymon.....	KONS	300, 450, 600.	PG-X	do.	Do.
Lake Sursapee.....	KLIU	300, 600.	PG-X	do.	
Lake Superior.....	KDIT	300, 600.	PG-X	do.	S. O. R. S.
Lake Tippah.....	KDVC	300, 600.	PG-X	do.	I. W. T. Co.
Lake Traverse.....	KDJD	300, 600.	PG-X	do.	
Lake Treba.....	KOSQ	300, 600.	PG-X	do.	Do.
Lake Tulare.....	WDX	300, 600.	PG-X	Internat. Coal Trans. Corp.	Do.
Lakeview.....	KDIX	300, 600.	PG-X	U. S. S. B.	
Lakeville.....	KXEU	300, 600.	PG-X	do.	
Lake Washburn.....	KREI	300, 600.	PG-X	do.	
Lake Weir.....	KDIW	300, 600.	PG-X	do.	
Lake Wilson.....	KZAO	300, 600.	PG-X	do.	
Lake Wimico.....	KSOI	300, 450, 600.	PG-X	do.	
Lake Winona.....	KLAU	300, 600.	PG-X	do.	
Lake Winooski.....	KZIE	300, 600.	PG-X	do.	
Lake Winthrop.....	KZAI	300, 600.	PG-X	do.	Do.
Lakewood.....	KDJC	300, 600.	PG-X	do.	
Lake Yahara.....	KZAU	300, 450, 600.	PG-X	do.	
Lake Yelverton.....	KVOO	300, 600.	PG-X	do.	
Lake Yemassee.....	KTOO	300, 600.	PG-X	do.	
Lake Ypsilanti.....	WKEL	300, 600.	PG-X	do.	
Lake Zaliski.....	WKAI	300, 600.	PG-X	do.	
Lampasas.....	KEP	300, 450, 600.	PG-N	Mallory S. S. Co.	Do.
Lancaster.....	KQUE	300, 600.	PG-X	Imperial Shipping Corp.	
Lansdowne.....	KONP	300, 600.	PG-X	U. S. S. B.	
Lansing.....	WTC	300, 600, 1800.	PG-X	Union S. S. Co.	F. 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—
La Placentia.....	KDPX	300, 600.....	PG-X	Union Oil Co.....	R. C. of A.
La Purisima.....	KDVJ	300, 600, 1800.	PG-X	do.....	F. T. Co.
Las Vegas.....	KUQM	300, 450, 600.	PG-X	U. S. S. B.....	
Latham.....	KUKR	300, 450, 600.	PG-X	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.....	
Lavada.....	KDFV	300, 450, 600.	PG-X	do.....	
Lehigh.....	KINM	300, 450, 600.	PG-X	do.....	R. C. of A.
Lena Luckenbach.....	KDED	300, 450, 600.	PG-X	Luckenbach S. S. Co.....	
Lenape.....	KVL	300, 600.....	PG-N	Clyde S. S. Co.....	I. W. T. Co
Levant Arrow.....	KDVD	300, 450, 600.	PG-X	Standard Transpn. Co.....	R. C. of A.
Levi G. Burgess.....	WOX	300, 600.....	PG-X	Alaska-Portland Pkrs. Assn.	Owner of vessel.
Levisa.....	KDL	300, 600.....	PG-X	United Fruit S. S. Corp.	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, 450, 600.	PG-N	Luckenbach S. S. Co.....	S. O. R. S.
Lexington.....	KNB	300, 450, 600.	PG-X	Colonial Navigation Co.....	R. C. of A.
Libby Maine.....	KDV	300, 450, 535, 600	PG-X	Libby, McNeill & Libby.....	S. O. R. S.
Liberator.....	KDTA	300, 600.....		Lybeck Ocean Harvester Co.	
Liberator.....	KRIU	300, 600.....	PG-N	U. S. S. B.....	Do.
Liberty.....	WCOO	300, 600.....	PG-N	do.....	
Liberty Bell.....	KUJX	300, 450, 600.	PG-X	do.....	R. C. of A.
Liberty Glo.....	KIQZ	300, 450, 600.	PG-X	do.....	I. W. T. Co.
Liberty Land.....	KISS	300, 450, 600.	PG-X	do.....	
Liberty Minquas.....	KUBJ	300, 450, 600.	PG-X	do.....	
Liebre.....	KDPG	300, 600.....	PG-X	General Petroleum Co.....	Owner of vessel.
Lightburne.....	KIVF	300, 600.....	PG-X	Texas Co.....	I. W. T. Co.
Lignonier.....	KTD	300, 600.....	PG-X	Gulf Refining Co.....	Do.
Lillian.....	KUGZ	300, 450, 600.	PG-X	A. H. Bull S. S. Co.....	Do.
Lilmae.....	KDHU	300, 450, 600.	PG-X	U. S. Mex. Oil Corp.....	S. O. R. S.
Limon.....	KDR	300, 450, 600.	PG-X	United Fruit S. S. Corp.....	T. R. T. Co.
Lio.....	KDSO	300, 600, 1800.	PG-X	U. S. S. B.....	S. O. R. S.
Lithopolis.....	WQEA	300, 600.....	PG-X	do.....	
Livingstone Roe.....	KDOD	300, 450, 600.	PG-X	Standard Oil 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.....	
Lolomi.....	KDWC	300, 600.....		Rodman Wanamaker.....	Owner of vessel.
Lorain.....	KIFZ	300, 450, 600.	PG-X	U. S. S. B.....	
Lordship Manor.....	KIXN	300, 600.....	PG-X	do.....	
Loretta.....	KUXF	300, 450, 600.	PG-X	do.....	
Lorraine Cross.....	KDDE	300, 450, 600.	PG-X	do.....	R. C. of A.
Los Angeles.....	WOL	300, 600, 1800.	PG-X	Union Oil Co.....	F. T. Co.
Louise.....	KUNL	300, 600.....	PG-X	E. D. Burge.....	Owner of vessel.
Louisiana.....	KUL	300, 450, 600.	PG-X	Texas Co.....	I. W. T. Co.
Louis R. Davidson.....	KDUH	300, 600.....	PG-X	American S. S. Co.....	
Louisville Bridge.....	KIDP	300, 600.....	PG-X	U. S. S. B.....	
Lubrico.....	KDUC	300, 450, 600, 1800	PG-X	do.....	
Luella.....	KLAA	300, 600.....	PG-X	do.....	
Lurlin.....	WML	300, 450, 600.	PG-N	Matson Navigation Co.....	R. C. of A.
Luxpallio.....	KIPV	300, 600.....	PG-X	U. S. S. B.....	I. W. T. Co
Luzon.....	KDRU	300, 600.....		Fernandez Hermanos.....	
Lycoming.....	KOMK	300, 600.....	PG-X	U. S. S. B.....	
Lydia.....	WROI	300, 450, 600.	PG-X	Lydia S. S. Co.....	R. C. of A.
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.
Magmeric.....	KOJS	300, 600.....	PG-X	U. S. S. B.....	S. O. R. S.
Magunkook.....	WJEO	300, 600.....	PG-N	do.....	
Mahanna.....	KKP	300, 600.....	PG-X	do.....	
Maiden Creek.....	KIPX	300, 450, 600.	PG-X	do.....	R. C. of A.
Maine.....	KUQ	300, 450, 600.	PG-X	do.....	
Mainland No. 1.....	WLE	300, 600.....	PG-X	Toronto, Hamilton & Buffalo Navigation Co.	Do.
Major Wheeler.....	WFIH	300, 450, 600.	PG-X	U. S. S. B.....	S. O. R. S.
Manatawny.....	KDFM	300, 600.....	PG-X	do.....	
Manatee.....	KURN	300, 450, 600.	PG-X	do.....	
Manchuria.....	WWE	300, 450, 600.	PG-N	Atlantic Transport Co.....	I. W. T. Co.
Mancore.....	KHP	300, 450, 600.	PG-X	Guaranty Trust Co.....	R. C. of A.
Manhattan.....	KORS	300, 600.....	PG-X	U. S. S. B.....	I. W. T. Co.
Manhattan Island.....	WFOI	300, 450, 600.	PG-X	do.....	R. C. of A.
Manitou.....	FWW	300, 600.....	PG-X	Michigan Transportation Co.....	Do.
Manitowoc.....	KRP	300, 600.....	PG-X	Manitowoc S. S. Corp.....	S. O. R. S.
Manoa.....	WMQ	300, 450, 600.	PG-N	Matson Navigation Co.....	R. C. of A.
Manukai.....	KDSF	300, 450, 600.	PG-N	do.....	Do.
Manulani.....	KDRQ	300, 450, 600.	PG-N	do.....	Do.
Maquan.....	KQVD	300, 600, 1800.	PG-X	U. S. S. B.....	S. O. R. S.
Maracaibo.....	KDM	300, 450, 600.	PG-N	Atlantic & Caribbean Steam 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—
M. A. Reeb	KDUZ	300, 600	PG-X	American S. S. Co.	Owner of vessel.
Margaret	KUQS	300, 600		Bed Salmon Canning Co.	Do.
Margaret	KZO	300, 450, 600	PG-X	A. H. Bull S. S. Co.	I. W. T. Co.
Margaret Dollar	KDEV	300, 600, 1800	PG-X	Dollar S. S. Line	Do.
Margus	KONG	300, 450, 600	PG-X	U. S. S. B.	
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.	
Marne	KEDJ	300, 450, 600	PG-X	do	Do.
Marore	KDZO	300, 600	PG-X	Guarenty Trust Co. of N. Y.	Do.
Marquette and Bes- samer No. 2	WEX	300, 450, 600	PG-X	Marquette & Besamer Dock & Navigation Co.	Owner of vessel.
Marsdale	KOCM	300, 600	PG-X	U. S. S. B.	
Martha Washing- ton	KUQF	300, 450, 600	PG-N	do	
Martinique	KUQL	300, 450, 600	PG-X	do	R. C. of A.
Martin Mullen	KDKY	308, 600	PG-X	Pioneer S. S. Co.	Do.
Maruba	WZEE	300, 600	PG-X	Inter-Coast S. S. Co.	I. W. T. Co.
Mary	KTOE	300, 450, 600	PG-X	Bull-Insular S. S. Co.	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.	
Mascotte	KOW	300, 600	PG-N	Peninsular & Occidental S. S. Co.	Do.
Mason City	KUGX	300, 600	PG-X	U. S. S. B.	
Massick	KOPF	300, 450, 600	PG-X	do	
Massillon Bridge	KONJ	300, 450, 600	PG-X	do	
Masuda	KMII	300, 600	PG-X	do	I. W. T. Co.
Matanzas	WFEU	300, 450, 600	PG-X	N. Y. & Cuba Mail S. S. Co.	Do.
Matincock	KID	309, 600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Matsonia	WMP	300, 450, 600	PG-N	Matson Navigation Co.	Do.
Mauban	KRAE	300, 600		Compania de Tabocas del Fil- lipinas.	
Maud F.	KDBK	300, 600	P-X	E. D. Burge	Owner of vessel.
Mauli	WMR	300, 450, 600	PG-N	Matson Navigation Co.	R. C. of A.
Mauna Kea	KDPD	300, 600	PG-X	Inter-Island Steam Nav. Co.	Do.
McCreary County	KOQP	300, 600	PG-X	U. S. S. B.	
McKeesport	KEXB	300, 450, 600	PG-X	do	I. W. T. Co.
Meanticut	KDQH	300, 600, 1800	PG-X	do	S. O. R. S.
Medina	KEI	300, 450, 600	PG-X	Mallory S. S. Co.	I. W. T. Co.
Medon	KDID	300, 600	PG-X	U. S. S. B.	
Yelrose	KZW	300, 450, 600	PG-X	N. Eng. Fuel & Transpn. Co.	R. C. of A.
Memnon	KDMH	300, 600	PG-X	U. S. S. B.	
Memphis	KDVF	300, 600	PG-X	Inland & Coastwise Water- ways Service.	Owner of vessel.
Memphis City	KDTR	300, 450, 600	PG-X	U. S. Steel Products Co.	R. C. of A.
Menominee	KODL	300, 450, 600	PG-X	U. S. S. B.	
Mercer	KEPF	300, 450, 600	PG-X	do	Do.
Mercer Victory	KIVG	300, 600	PG-X	do	
Meriden	KILP	300, 478, 600	PG-X	General S. S. Corporation	I. W. T. Co.
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.
Meteor	KDYJ	300, 600	PG-X	Meteor S. S. Co.	R. C. of A.
Meton	KDBM	300, 600	PG-X	U. S. S. B.	
Mevania	KDCU	300, 600, 1800	PG-X	do	
Mexican	WKL	300, 450, 600	PG-X	American-Hawaiian S. S. Co.	United Am. Lines.
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-Amer. Petr. & Trans. Co.	R. C. of A.
M. F. Elliott	KDNK	300, 600	PG-X	Standard Oil Co.	Do.
Miami	KOZ	300, 600	PG-N	Peninsular & Occidental S. S. Co.	Do.
Middlebury	KZAA	300, 600	PG-X	U. S. S. B.	
Middlesex	WRO	300, 450, 600	PG-X	Coastwise Transpn. Co.	Do.
Miller County	KERK	300, 000	PG-X	U. S. S. B.	
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	
Milwaukee Bridge	KIBF	300, 600	PG-X	U. S. S. B.	
Mindoro	KDRS	300, 600		Philippine Insular Govt.	
Mineola	KSEE	300, 450, 600	PG-X	Grace S. S. Co.	R. C. of A.
Minnekanda	KDKK	330, 450, 600, 1800	PG-N	Atlantic Transport Co.	I. W. T. Co.
Minnequa	KIVB	300, 450, 600	PG-X	U. S. S. B.	Do.
Minnesota	WEK	300, 600	PG-X	do	
Minnesota	WMI	300, 450, 600	PG-N	Atlantic Transport Co.	
Minnesota	WKM	300, 450, 600	PG-X	American-Hawaiian S. S. Co.	United Am. Lines.
Minnewawa	KOPG	300, 600	PG-X	U. S. S. B.	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—
Minooka.....	KOZN	300, 450, 600.	PG-X	U. S. S. B.....	
Miskianza.....	KOZM	300, 600.	PG-X	do.....	
Missouri.....	WFX	300, 600.	PG-N	Michigan Transpn. Co.....	R. C. of A.
Missourian.....	KFAA	300, 600.	PG-X	American-Hawaiian S. S. Co.....	United Am. Lines
Mitchell.....	KOTF	300, 600.	PG-X	U. S. S. B.....	
M. J. Scanlon.....	WJAO	300, 450, 600.	PG-X	do.....	
M. M. Davis.....	KDAG	300, 450, 600.	PR-X	C. E. Davis Packing Co.....	Owner of vessel.
Mobile City.....	KDCZ	300, 450, 600.	PG-X	U. S. Steel Products Co.....	R. C. of A.
Moffitt.....	KDME	300, 600.	PG-X	U. S. S. B.....	
Mohawk.....	KVM	300, 450, 600.	PG-N	Clyde S. S. Co.....	I. W. T. Co.
Mohawk.....	KXE	300, 550, 600.	PG-X	New England S. S. Co.....	Do.
Mohawk.....	KYU	300, 600.	P-X	Ralph E. Barry.....	Owner of vessel.
Mohegan.....	KXM	300, 450, 530, 600	PG-X	New England S. S. Co.....	I. W. T. Co.
Mohinkis.....	KUKP	300, 450, 600.	PG-X	U. S. S. B.....	
Moline.....	KEKN	300, 600.	PG-X	do.....	
Momus.....	KKM	300, 600.	PG-N	Southern Pacific Co.....	Owner of vessel.
Monana.....	KFEO	300, 450, 600.	PG-X	U. S. S. B.....	
Monasses.....	KILX	300, 600.	PG-X	do.....	I. W. T. Co.
Mongolia.....	WWN	300, 600.	PG-N	Atlantic Transport Co.....	Do.
Monmouth.....	WXUO	300, 600.	PG-N	U. S. S. B.....	Do.
Monomac.....	KORP	300, 450, 600.	PG-X	do.....	
Monroe.....	KOSF	300, 600.	PG-N	do.....	
Montague.....	KOMV	300, 450, 600.	PG-X	do.....	
Montana.....	KOJF	300, 600.	PG-X	Atlantic Transport Co.....	Do.
Montauk.....	KIXV	300, 450, 600.	PG-X	do.....	Do.
Montclair.....	KVII	300, 600.	PG-N	U. S. S. B.....	
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.
Montfaucon.....	KQUZ	300, 600.	PG-X	Independent S. S. Co.....	
Montgomery.....	KIJP	300, 450, 600.	PG-X	U. S. S. B.....	
Montgomery City.....	KDJZ	300, 450, 600.	PG-X	U. S. Steel Products Co.....	R. C. of A.
Monticello.....	WLJ	300, 450, 600.	PG-X	U. S. S. B.....	United Am. Lines.
Montpelier.....	WLZ	300, 450, 600.	PG-X	do.....	Do.
Montrollite.....	WEQ	300, 450, 600.	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Moonlite.....	KPL	300, 450, 600.	PG-X	Pacific S. S. Co.....	Do.
Moosehausic.....	KOGD	300, 600.	PG-X	U. S. S. B.....	
Moositauka.....	KOKG	300, 600.	PG-X	do.....	
Moravia Bridge.....	KOZG	300, 450, 600.	PG-X	do.....	
Morristown.....	WGAI	300, 450, 600.	PG-X	do.....	Do.
Morro Castle.....	KWC	300, 600.	PG-N	N. Y. & 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.....	
Mount Baker.....	KYD	300, 600.	PG-X	Frank B. Peterson.....	
Mount Carroll.....	KDQT	300, 450, 600.	PG-N	Shawmut S. S. Co.....	United Am. Lines.
Mount Clay.....	KDBX	300, 450, 600, 1800	PG-X	Am. Ship & Com. Nav. Corp.....	Do.
Mount Clinton.....	KDRV	300, 450, 600, 1800	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, 600.	P-X	Providence, Fall River & Newport Stbt. Co.....	Owner of vessel.
Mount Shasta.....	WHH	300, 450, 600.	PG-X	U. S. S. B.....	
Mount Vernon.....	KDCZ	300, 600.	PG-N	do.....	
Mt. Vernon Bridge.....	KWA	300, 600.	PG-X	do.....	
Mulpua.....	KIDJ	300, 600.	PG-X	do.....	
Multnomah.....	WMA	300, 600.	PG-N	Multnomah S. S. Co.....	Do.
Munaires.....	WJN	300, 450, 600.	PG-X	Munson S. S. Line.....	R. C. of A.
Munalbro.....	KUX	300, 450, 600.	PG-X	do.....	Do.
Munamar.....	KUI	300, 450, 600.	PG-N	do.....	Do.
Munargo.....	KDWH	300, 450, 600.	PG-N	do.....	Do.
Mundale.....	KUJ	300, 600.	PG-X	do.....	Do.
Mundelta.....	KUF	300, 450, 600.	PG-X	do.....	Do.
Munindies.....	KVE	300, 450, 600.	PG-X	do.....	Do.
Munisla.....	KJO	300, 600.	PG-X	do.....	Do.
Munplace.....	KUG	300, 450, 600.	PG-X	do.....	Do.
Munrio.....	KVD	300, 450, 600.	PG-X	do.....	Do.
Munsomo.....	KUK	300, 450, 600.	PG-X	do.....	Do.
Munwood.....	KUH	300, 600.	PG-X	do.....	Do.
Muriel.....	KDMO	300, 600.	PG-X	Muriel Motorship Corp.....	Do.
Mursa.....	KDFT	300, 600.	PG-N	U. S. S. B.....	
Muscantine.....	KJII	300, 600.	PG-N	do.....	
Muskegon.....	KDGP	300, 600.	PG-X	Muskegon S. S. Corp.....	S. O. R. S.
Muskogee.....	KIB	300, 450, 600.	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Mystic.....	KHZ	300, 600.	PG-X	Shawmut S. S. Co.....	United Am. Lines.

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

Vessel.	Call signal	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Nacata.....	KDMM	300, 600, 1800	PG-X	U. S. S. B.....	S. O. R. S.
Nacoochee.....	KFP	300, 450, 600.	PG-N	Ocean S. S. Co.....	R. C. of A.
Nalwa.....	WCIU	300, 450, 600.	PG-X	U. S. S. B.....	Do.
Namasket.....	KDMI	300, 600.....	PG-X	do.....	Do.
Nameaug.....	KITN	300, 600.....	PG-X	do.....	S. O. R. S.
Nanking.....	KKEE	300, 450, 600.	PG-N	China Mail S. S. Co.....	R. C. of A.
Nansemond.....	WQR	300, 450, 600.	PG-N	U. S. S. B.....	Do.
Nantahala.....	WGIE	300, 600.....	PG-N	do.....	Do.
Nantasket.....	WLIO	300, 450, 600.	PG-X	do.....	Do.
Nantucket.....	KQN	300, 450, 600.	PG-N	Merchant & Miners Trans. Co..	I. W. T. Co.
Narbo.....	KDIG	300, 600, 1800	PG-X	U. S. S. B.....	Do.
Narcissus.....	KDIH	300, 600, 1800	PG-X	do.....	Do.
Narwhal.....	KDVP	300, 600.....	PG-X	Phillip Shore.....	Owner of vessel.
Nashaba.....	KDSM	300, 600, 1800	PG-X	U. S. S. B.....	S. O. R. S.
Natchez.....	KDJY	300, 600.....	PG-X	Inland & Coastwise Waterways Service.	Do.
National Bridge.....	KIBG	300, 450, 600.	PG-X	U. S. S. B.....	Do.
Natrar.....	KDKM	300, 450, 600, 1800	PG-X	do.....	Do.
Naugus.....	KUPS	300, 450, 600.	PG-X	do.....	Do.
Nawitka.....	KELZ	300, 600.....	PG-X	do.....	Do.
Nebraskan.....	KXT	300, 450, 600.	PG-X	American-Hawaiian S. S. Co.	United Am. Lines.
Nedeva II.....	KDTL	300, 600.....	PG-X	J. F. Lowcock.....	Do.
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.....	Do.
Neptune.....	KUN	300, 600.....	PG-X	Neptune Line.....	Do.
Nesco.....	KEBT	300, 600.....	PG-X	U. S. S. B.....	Do.
Neshaminy.....	KILN	300, 600.....	PG-N	do.....	Do.
Neshobee.....	KUNK	300, 450, 600.	PG-X	do.....	Do.
Neuse.....	WLT	300, 450, 600.	PG-N	do.....	Do.
Neवान.....	WFF	300, 450, 600.	PG-X	American-Hawaiian S. S. Co.	United Am. Lines.
New Britain.....	KIRG	300, 450, 600.	PG-X	Great Northwestern Shipping Corp.	R. C. of A.
Newburgh.....	WZUE	300, 600.....	PG-X	U. S. S. B.....	Do.
New England.....	KUCB	300, 450, 600.	PG-X	do.....	Do.
New Hampshire.....	KXF	300, 600.....	PG-X	New England S. S. Co.....	I. W. T. Co.
New Haven.....	KXN	300, 600.....	PG-X	do.....	Do.
New Jersey.....	KDWD	300, 600.....	PG-X	Texas Co.....	Do.
New Orleans.....	KDFB	300, 450, 600.	PG-X	U. S. S. B.....	Do.
Newport.....	WVH	300, 600.....	PG-N	Pacific Mail S. S. Co.....	F. T. Co.
Newton.....	KZZ	300, 450, 600.	PG-X	N. Eng. Fuel & Transpn. Co..	R. C. of A.
New Windsor.....	KGAE	300, 600.....	PG-X	U. S. S. B.....	Do.
New York.....	KSN	300, 450, 600.	PG-N	United Transatlantic Lines.	I. W. T. Co.
New York.....	KUW	300, 450, 600.	PG-X	Texas Co.....	Do.
Nika.....	KOPM	300, 450, 600.	PG-X	H. K. Goodwin.....	Do.
Nile.....	KOSD	300, 450, 600.	PG-X	U. S. S. B.....	Do.
Nipmuc.....	KOQX	300, 600.....	PG-N	do.....	Do.
Nipsic.....	KDJJ	300, 600.....	PG-X	Madrigal & Co.....	Do.
Nishmaba.....	KEVM	300, 450, 600.	PG-X	U. S. S. B.....	Do.
Nobles.....	KODB	300, 450, 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.....	Do.
Noddle Island.....	KUKK	300, 450, 600.	PG-X	do.....	Do.
Nokatay.....	KOCF	300, 600.....	PG-X	do.....	Do.
Noma.....	KYO	300, 450, 600.	PG-X	Rodman Wanamaker.....	Owner of vessel
Nonantum.....	KIXP	300, 600.....	PG-X	U. S. S. B.....	Do.
Nora.....	KDGZ	300, 450, 600.	PG-X	Grace S. S. Co.....	R. C. of A.
Norfolk.....	WZUA	300, 450, 600.	PG-X	Coastwise Transpn. Corp.....	Do.
Norlina.....	KJE	300, 450, 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	Chicago, Duluth & Georgian Bay S. S. Co.	Do.
Northern Star.....	KOKC	300, 450, 600.	PG-X	American Star Line.....	Do.
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.....	Do.
North Pole.....	KELB	300, 600.....	PG-N	U. S. S. B.....	Do.
Northwestern.....	WAN	300, 440, 525, 600	PG-N	Alaska S. S. Co.....	Do.
Northwestern Bridge.....	KONK	300, 600.....	PG-X	U. S. S. B.....	Do.
North Wind.....	KYB	300, 600.....	P-X	A. C. Burton.....	Owner of vessel.
Norumbega.....	KOZX	300, 450, 600.	PG-N	U. S. S. B.....	Do.
Norwood.....	WSG	300, 450, 525, 600	PG-N & X.	Pacific American Fisheries.....	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—
Nourmahal.....	KDTI	300, 600.....	PG-X	Vincent Astor.....	R. C. of A.
Nueces.....	KEH	300, 600.....	PG-X	Mallory S. S. Co.....	I. W. T. Co.
Nushagak.....	WNE	300, 460, 600..	PG & PR-N & X.	Alaska Packers Assn.....	Owner of vessel.
Nyanza.....	WJO	300, 600.....	PG-X	U. S. S. B.....	Moore & McCormack.
O. A. Hermanson..	WRA	300, 600.....	PG-X	Sunset Fuel Oil Co.....	
Oakland.....	KMOO	300, 600.....	PG-N	U. S. S. B.....	
Occidental.....	KUJF	300, 600.....	PG-X	Texas S. S. Co.....	I. W. T. Co.
Octorara.....	WCD	300, 450, 600..	PG-N	Great Lakes Transit Corp.....	R. C. of A.
Ogontz.....	KINB	300, 600.....	PG-X	U. S. S. B.....	
Ohion.....	WKQ	300, 600.....	PG-X	American-Hawaiian S. S. Co.	United Am. Lines.
Ohonkara.....	KURV	300, 600.....	PG-X	Carl Tucker.....	
Oklahorra City..	KUML	300, 450, 600..	PG-X	U. S. S. B.....	
Oldham.....	KDQG	300, 450, 600..	PG-X	do.....	
Olen.....	KINR	300, 450, 600..	PG-X	do.....	R. C. of A.
Oleum.....	WTD	300, 600, 1800.	PG-X	Union Oil Co.....	F. T. Co.
Oncida.....	KDFO	300, 600.....	PG-X	Independent S. S. Co.....	
Onida.....	KYP	300, 600.....	P-X	E. C. Benedict.....	Owner of vessel.
Onekama.....	KEDK	300, 600.....	PG-X	U. S. S. B.....	
Oneonta.....	WXP	300, 450, 600..	PG-X	Port of Portland, Oreg.....	S. O. R. S.
Onondaga.....	KDIR	300, 600.....	PG-X	Independent S. S. Co.....	
Ontario.....	KQO	300, 450, 600..	PG-N	Merchant & Miners Trans. Co.	I. W. T. Co.
Opelika.....	KECL	300, 450, 600..	PG-X	U. S. S. B.....	R. C. of A.
Opequan.....	KIBK	300, 600.....	PG-X	do.....	
Ohio.....	KODZ	300, 450, 600..	PG-X	do.....	Do.
Oran.....	KOBD	300, 600.....	PG-X	do.....	Do.
Orcus.....	KISC	300, 450, 600..	PG-X	do.....	Do.
Oregon.....	WGD	300, 600.....	PG-X	Alaska-Pacific Navigation Co.	
Oregonian.....	WKO	300, 600.....	PG-X	American-Hawaiian S. S. Co.	United Am. Lines.
Orient.....	KOLC	300, 450, 600..	PG-X	Orient S. S. Corp.....	R. C. of A.
Oriental.....	KDXI	300, 600.....	PG-X	U. S. S. B.....	Do.
Orinoco.....	KIMX	300, 450, 600..	PG-X	Orinoco S. S. Co.....	Do.
Orion.....	WLO	300, 450, 600..	PG-N	U. S. S. B.....	
Orizaba.....	KMEI	300, 450, 600..	PG-N	N. Y. & Cuba Mail S. S. Co.	I. W. T. Co.
Orleans.....	KIDZ	300, 450, 600..	PG-X	Orleans S. S. Corp.....	R. C. of A.
Ormidale.....	WGB	300, 450, 600..	PG-X	Charlton B. Hibbard.....	I. W. T. Co.
Oronoke.....	KUNL	300, 600.....	PG-X	U. S. S. B.....	
Osage.....	WJU	300, 600.....	PG-X	do.....	Moore & McCormack.
Osaqumsick.....	KEVN	300, 600.....	PG-X	do.....	
Osawatomie.....	KEVB	300, 600.....	PG-X	do.....	
Oscar D. Bennett.	WIV	300, 450, 600..	PG-X	Pan-Amer. Petr. & Trans. Co.	R. C. of A.
Oseoda.....	KEKT	300, 600.....	PG-X	U. S. S. B.....	
Oshkosh.....	WFUU	300, 600.....	PG-X	do.....	
Oskalooza.....	WJII	300, 600.....	PG-X	do.....	
Oskawa.....	WGUA	300, 600.....	PG-N	do.....	
Ossa.....	KUFZ	300, 450, 600..	PG-X	do.....	S. O. R. S.
Ossineke.....	WTW	300, 600.....	PG-N	do.....	
Ossining.....	KEFR	300, 450, 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	300, 450, 600..	PG-N	do.....	
Otto M. Reiss.....	WNG	300, 600.....	PG-X	Reiss S. S. Co.....	Do.
O. T. Waring.....	KJW	300, 450, 600..	PG-X	Standard Oil Co. of N. J.....	Do.
Outagamie.....	KULS	300, 600.....	PG-X	Standard Oil Co of Ind.....	
Overbrook.....	KLAE	300, 600.....	PG-X	U. S. S. B.....	
Owego.....	KFQ	300, 450, 600..	PG-X	Winett Operating Co.....	
Ozama.....	WRX	300, 600.....	PG-X	A., G. & W. I. S. S. Lines.....	
Ozaukee.....	WXAA	300, 600.....	PG-N	U. S. S. B.....	
Ozette.....	KEVP	300, 450, 600..	PG-X	do.....	
Pachet.....	KDCH	300, 600.....	PG-N	do.....	
Pacific.....	KDZV	300, 600.....	PG-X	Argonaut S. S. Co.....	
Padnsay.....	KUQQ	300, 600.....	PG-X	U. S. S. B.....	
Pagasset.....	KDHG	300, 600.....	PG-N	do.....	
Palisades.....	KOLV	300, 600.....	PG-N	do.....	
Pallas.....	KUTJ	300, 450, 600..	PG-X	do.....	
Palo Alto.....	KDCT	300, 450, 600..	PG-X	do.....	
Panama.....	KMH	300, 450, 600..	PG-N	Panama R. R. Co.....	Owner of vessel.
Panaman.....	WKR	300, 450, 600..	PG-X	American-Hawaiian S. S. Co.	United Am. Lines.
Pan America.....	KDWZ	300, 600, 1800.	PG-N	U. S. S. B.....	S. O. R. S.
Pan-American.....	KUT	300, 450, 600..	P(X)-X	Texas S. S. Co.....	R. C. of A.
Panay.....	KEMJ	300, 450, 525, 600	PG-N	Madrigal & Co.....	
Panoll.....	KUQC	300, 600.....	PG-X	Pan-Amer. Petr. & Trans. 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—
Panola.....	WMUO	300, 450, 600.	PG-X	U. S. S. B.....	
Pansa.....	KUZN	300, 600.	PG-X	do.....	
Panuco.....	KMM	300, 450, 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	Sun Co.....	R. C. of A.
Paraiso.....	WRI	300, 600.	PG-X	Oliver J. Olson.....	Owner of vessel.
Parla.....	KOQK	300, 450, 600.	PG-X	U. S. S. B.....	R. C. of A.
Parismina.....	KDG	300, 600.	PG-N	United Fruit S. S. Corp.....	T. R. T. Co.
Parksville.....	KIZG	300, 450, 600.	PG-X	U. S. S. B.....	
Pasadena.....	KMEU	300, 600.	PG-X	do.....	
Passaic Bridge.....	KIBJ	300, 600.	PG-X	do.....	
Pastores.....	KLA	300, 600.	PG-N	United Fruit S. S. Corp.....	Do.
Patricia.....	KDTX	300, 450, 600.	PG-X	James Shewan.....	R. C. of A.
Patrick Henry.....	KUPM	300, 450, 600.	PG-X	U. S. S. B.....	Do.
Patrol.....	KIN	300, 400, 600.	PG-N	Police Dept., city of N. Y.....	Owner of vessel.
Paul H. Harwood.....	KJJO	300, 600.	PG-X	Pan-Amer. Petr. & 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.....	
Pawnee.....	WLU	300, 600.	PG-X	do.....	
Pawtucket.....	KINZ	300, 450, 600.	PG-X	do.....	Do.
Peacock.....	KDKY	300, 600.	PG-X	do.....	
Pearldon.....	KDLC	300, 450, 600.	PG-X	U. S. Mex. Oil Corp.....	S. O. R. S.
Pearl Shell.....	WIC	300, 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.....	
Pennant.....	KME	300, 450, 600.	PG-X	Pierce Oil Corp.....	R. C. of A.
Pennsylvania.....	KUP	300, 600.	PG-X	Texas S. S. Co.....	I. W. T. Co.
Pennsylvania.....	WKP	300, 600.	PG-X	American-Hawaiian S. S. Co.....	United Am. Lines.
Penobscot.....	WXOI	300, 600.	PG-X	Penobscot S. S. Co.....	R. C. of A.
Pequonock.....	KXP	300, 550, 600.	PG-N	New England S. S. Co.....	
Pequot.....	WLX	300, 600.	PG-X	U. S. S. B.....	
Peralta.....	KDMJ	300, 600.	PG-X	do.....	
Pere Marquette.....	WDA	300, 600.	PG-X	Pere Marquette R. R. Co.....	Do.
Pere Marquette 8.....	KINL	300, 600.	PG-X	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.....	KTN	300, 600.	PG-X	Standard Oil Co. of N. Y.....	Do.
Persian.....	KQX	300, 450, 600.	PG-N	Merchants & Miners Trans. Co.....	I. W. T. Co.
Peter H. Crowell.....	KEXT	300, 450, 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	Atlantic & Caribbean Steam Navigation 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.....	
Phil Publicker.....	KDEW	300, 450, 600.	PG-X	Waterfront Service Co.....	R. C. of A.
Phoenix.....	WJEO	300, 600.	PG-X	U. S. S. B.....	
Phoenix Bridge.....	WFOU	300, 600.	PG-X	do.....	
Pilgrim.....	KFAH	300, 600.	PG-X	Wm. L. Elkins.....	
Pilgrim.....	KURS	300, 600.	PG-N	Chic., Racine & Mil. S. S. Co.....	Do.
Pinellas.....	KULB	300, 600.	PG-X	U. S. S. B.....	
Pine Tree State.....	KDUT	300, 450, 600, 1800	PG-N	do.....	S. O. R. S.
Pioneer.....	KIG	300, 450, 600.	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Pioneer.....	KUSL	300, 600.	PG-X	Stuart Packing Co.....	Owner of vessel.
Pioneer.....	WPN	300, 600.	PG-X	Puget Sound Tug Boat Co.....	Do.
Pipetstone County.....	KIMZ	300, 450, 600.	PG-X	U. S. S. B.....	I. W. T. Co.
Pisco.....	KEVU	300, 600.	PG-X	do.....	
Pittsburgh Bridge.....	KUKL	300, 450, 600.	PG-X	do.....	
P. J. Reilly.....	KDMY	300, 450, 600.	PG-X	Nat. Oil & Transport Co.....	Do.
Plainfield.....	WJFI	300, 600.	PG-X	U. S. S. B.....	Do.
Plays.....	KDTE	300, 600.	PG-X	Union Oil Co.....	R. C. of A.
Plefaides.....	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.....	
Plymouth.....	KND	300, 450, 600.	PG-X	Green Star S. S. Corp.....	R. C. of A.
Plymouth.....	KXH	300, 450, 530, 600	PG-X	New England S. S. Co.....	I. W. T. Co.
Pocahontas.....	KDOX	300, 450, 600.	PG-N	U. S. S. B.....	
Pocantico.....	KDQQ	300, 600.	PG-X	Barrou G. Collier.....	S. O. R. S.
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.....	
Point Bonita.....	WMT	300, 600.	PG-X	Pacific Mail S. S. Co.....	Do.
Point Judith.....	KPAA	300, 600.	PG-X	do.....	Do.
Point Lobos.....	KJUT	300, 600.	PG-X	do.....	Do.
Point Loma.....	WAU	300, 600.	PG-X	U. S. S. B.....	
Polar Bear.....	WGOE	300, 600.	PG-N	do.....	
Polarine.....	KOI	300, 450, 600.	PG-X	Standard Oil Co. of N. J.....	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—
Polar Sea	KSOA	300, 600	PG-N	U. S. S. B.	
Polar Star	KELC	300, 450, 600	PG-N	do.	
Polillo	KDVB			Philippine Insular Govt.	
Polybius	KIGL	300, 600	PG-N	U. S. S. B.	
Polynesia	KDXN	300, 600	PG-X	Pioneer S. S. Co.	R. C. of A.
Pomona	KDAT	300, 450, 600	PG-X	U. S. S. B.	Do.
Ponce	KGP	300, 450, 600	PG-N	N. Y. & Porto Rico S. S. Co.	I. W. T. Co.
Pontia	KJPC	300, 600	PG-X	U. S. S. B.	
Portola Plumas	KUMN	300, 450, 600	PG-X	do.	
Porto Rico	WJG	300, 600	PG-N	do.	R. C. of A.
Portsmouth	KOJV	300, 600	PG-N	do.	
Potomac	KOKN	300, 450, 600	PG-N	do.	
Potter	KDFC	300, 600	PG-X	do.	
Poughkeepsie	KEZZ	300, 600	PG-X	do.	
Poznam	WLY	300, 450, 600	PG-N	Luckenbach S. S. Co.	
President	WGP	300, 550, 600	PG-N	Pacific S. S. Co.	Do.
President Adams	KDRR	300, 600, 1800	PG-N	U. S. S. B.	I. W. T. Co.
President Arthur	WLS	300, 450, 600	PG-N	do.	Do.
President Cleve-land	KDCM	300, 450, 600, 1800	PG-N	do.	S. O. R. S.
President Fillmore	KDCI	300, 600	PG-N	do.	Do.
President Garfield	KDTC	300, 450, 600	PG-N	do.	I. W. T. Co.
President Hayes	KDLB	300, 450, 600	PG-N	do.	Do.
President Jackson	KDPA	300, 450, 600, 1800	PG-N	do.	S. O. R. S.
President Jefferson	KDOT	300, 450, 600, 1800	PG-N	do.	Do.
President Lincoln	KDUR	300, 450, 600, 1800	PG-N	do.	Do.
President Madison	KDVR	300, 600	PG-N	do.	Do.
President McKin-ley	KDSL	300, 450, 600	PG-N	do.	Do.
President Monroe	KDAR	300, 450, 600	PG-N	do.	Do.
President Pierce	KDNV	300, 450, 600, 1800	PG-N	do.	Do.
President Polk	KDOZ	300, 450, 600	PG-N	do.	R. C. of A.
President Roose-velt	KDWS	300, 450, 600, 1800	PG-N	do.	S. O. R. S.
President Taft	KDWK	300, 600	PG-N	do.	Do.
President Van Buren	KDHF	300, 450, 600	PG-N	do.	R. C. of A.
President Wilson	KDSV	300, 450, 600, 1800	PG-N	do.	S. O. R. S.
Price McKinney	KDXR	300, 600	PG-X	Pioneer S. S. Co.	R. C. of A.
Princess	KGT	300, 600	PG-X	Archibald M. Ostrom	S. O. R. S.
Princeton	KST	300, 450, 600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Priscilla	KXI	300, 450, 550, 600	PG-N	New England S. S. Co.	I. W. T. Co.
Proctor	KEPQ	300, 600	PG-X	U. S. S. B.	
Providence	KXJ	300, 450, 550, 600	PG-X	New England S. S. Co.	Do.
Provincetown	KDFE	300, 600	PG-N	U. S. S. B.	
Prusa	KELQ	300, 450, 600	PG-X	do.	
Puente	KDSS	300, 450, 600	PG-X	Union Oil Co.	R. C. of A.
Puget Sound	WER	300, 600	PG-X	U. S. S. B.	Do.
Puritan	WDU	300, 600	PG-X	Chic., Racine & Mil. Line.	Do.
Putnam	KIXQ	300, 600	PG-X	U. S. S. B.	
Python	WNIO	300, 450, 600	PG-X	do.	
Quabbin	KUJZ	300, 450, 600	PG-X	do.	
Quaker City	KOZL	300, 600	PG-X	do.	
Quantico	KQQ	300, 450, 600	PG-X	Merchants & Miners' Trans. Co.	S. O. R. S.
Queen	WGX	300, 600	PG-N	Pacific S. S. Co.	I. W. T. Co.
Queen II	WOY	400	P-X	Central Illinois Public Service Co.	R. C. of A. Owner of vessel.
Quillwark	KUZM	300, 450, 600	PG-X	U. S. S. B.	
Quinnault	KDND	300, 600	PG-X	Hart-Wood Lumber Co.	Do.
Quinnipiac	KOQT	300, 600	PG-X	U. S. S. B.	
Quistconck	WREI	300, 450, 600	PG-X	do.	I. W. T. Co.
Quitness	WRUO	300, 600	PG-X	do.	
Radiant	KTR	300, 450, 600	PG-X	Standard Oil Co. of N. Y.	R. C. of A.
Radnor	KJUE	300, 470, 600	PG-X	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	Rajah S. S. Co.	R. C. of A.
Ransom B. Fuller	KRF	300, 600	PG-X	Eastern S. S. Lines	Do.
Rappahannock	WQQ	300, 600	PG-N	U. S. S. B.	
Rayo	KTL	300, 600	PG-X	Standard Oil Co. of N. Y.	Do.
Reaper	KDLG	300, 450, 600	PG-X	Texas S. S. Co.	
Red Hook	KDDA	300, 450, 525, 600	PR-X	Erie Basin Towing & Hoist- ing Co.	S. O. R. S.
Red Mountain	KOTQ	300, 450, 600	PG-N	U. S. S. B.	

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Redondo.....	KYT	300, 450, 600..	PG-X	Redondo S. S. Co.....	Owner of vessel.
Redondo.....	WBM	300, 600.....	PG-X	Alaska S. S. Co.....	S. O. R. S.
Redwood.....	WSD	300, 450, 525, 600	PG-N & X.	Pac. Am. Fisheries Co.....	Do.
Relay.....	KVZ	300, 450, 600..	P-X	Mexican Telegraph Co.....	Owner of vessel.
Reliance.....	KDYE	300, 450, 600, 1800	PG-N	Atlantic Mail Corp.....	United Am. Lines.
Relief.....	KRJ	300, 600.....	PG-X	Merritt & Chapman D. & W. 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.....	
Republic.....	WSU	300, 450, 600..	PG-X	Chile S. S. Co.....	I. W. T. Co.
Resolute.....	KDYA	300, 600, 1800..	PG-N	Atlantic Mail Corp.....	United Am. Lines.
Resolute.....	KRM	300, 450, 600..	PG-X	Merritt & Chapman D. & W. Co.	Owner of vessel.
Restorer.....	WIU	300, 450, 600..	P-N	Com. Pac. Cable Co.....	R. C. of A.
Reuce.....	WSR	300, 525, 600..	PG-X	Columbia River P.'s Assn.....	Owner of vessel.
Richard J. Reiss.....	WNK	300, 600.....	PG-X	Reiss S. S. Co.....	R. C. of A.
Richard Peck.....	KXR	300, 600.....	PG-X	New England S. S. Co.....	
Richconcal.....	KUTX	300, 600.....	PG-X	U. S. S. B.....	
Richmond.....	KDOQ	300, 450, 600..	PG-X	I. H. Aiken Tr. & Towing Co.	S. O. R. S.
Richmond.....	WTR	300, 600.....	PG-X	Standard Oil Co. of Calif.....	R. C. of A.
Río 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.....	
Ripple.....	KDUN	300, 450, 600..	PG-X	A. J. McAllister.....	S. O. R. S.
Riverside Bridge.....	KUCD	300, 600.....	PG-X	U. S. S. B.....	
R. J. Hanna.....	KDRD	300, 600.....	PG-X	Standard Oil Co. of Calif.....	R. C. of A.
Rcanoke.....	KOXV	300, 600.....	PG-X	Texas S. S. Co.....	I. W. T. Co.
Robert E. Hopkins.....	KDVE	300, 600.....	PG-X	Tidewater Oil Co.....	R. C. of A.
Robt. M. Thompson.....	KNW	300, 600.....	PG-X	American Trans. Co.....	
Robert P. Clark.....	KTH	300, 450, 600..	PG-X	Gulf Refining Co.....	I. W. T. Co.
Robin Adair.....	KOVM	300, 450, 600..	PG-X	Seas Shipping Co.....	S. O. R. S.
Robin Goodfellow.....	KUBN	300, 600.....	PG-X	Robin Line S. S. Co.....	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, 450, 600..	PG-X	U. S. S. B.....	I. W. T. Co.
Rock Island.....	KIND	300, 600.....	PG-X	.....do.....	
Rockport.....	KOZD	300, 450, 600..	PG-X	.....do.....	
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	S. Fran. & 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-N	Standard Trans. Co.....	Do.
Ruby.....	KOBC	300, 600.....	PG-X	American Trans. Co.....	
Rush.....	WNR	300, 440, 525, 600	PG-X	Everett Packing Co.....	Owner of vessel.
Rushville.....	KUDS	300, 600.....	PG-X	U. S. S. B.....	
Ruth.....	KZQ	300, 450, 600..	PG-X	A. H. Bull S. S. Co.....	I. W. T. Co.
Ruth Alexander.....	WDR	300, 450, 600..	PG-X	Robert Dollar Co.....	R. C. of A.
Ruth E. Merrill.....	KQU	300, 450, 600..	PG-X	A. W. Frost.....	Owner of vessel.
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.....	KIJJ	300, 600.....	PG-X	U. S. S. B.....	S. O. R. S.
Sacadaga.....	KESC	300, 450, 600..	PG-X	.....do.....	R. C. of A.
Sacarappa.....	WGOI	300, 600.....	PG-X	.....do.....	I. W. T. Co.
Sac City.....	KEFB	300, 450, 600..	PG-X	.....do.....	Do.
Saco.....	KEPT	300, 450, 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.....	
Sagaporack.....	KZIU	300, 450, 600..	PG-X	.....do.....	
Sag Harbor.....	WPAE	300, 450, 600..	PG-X	.....do.....	I. W. T. Co.
Sagua.....	KVO	300, 600.....	PG-N	Atlantic Fruit Co.....	Do.
Saguache.....	KEKL	300, 600.....	PG-X	U. S. S. B.....	R. C. of A.
Sahale.....	KEPR	300, 450, 600..	PG-X	.....do.....	Do.
Salaam.....	KURP	300, 600.....	PG-X	.....do.....	I. W. T. Co.
Salavery.....	KEQX	300, 600.....	PG-X	.....do.....	
Salem County.....	KODR	300, 450, 600..	PG-X	.....do.....	
Salina.....	KUZQ	300, 450, 600..	PG-X	.....do.....	
Salvation Lass.....	KIMN	300, 450, 600..	PG-X	.....do.....	S. O. R. S.
Samuel L. Fuller.....	KDMS	300, 600.....	PG-X	Sinclair Navigation Corp.....	R. C. of A.
Samuel Mitchell.....	WEJ	300, 600.....	PG-X	Huron Trans. Co.....	Do.
Samuel Q. Brown.....	KDVO	300, 450, 600..	PG-X	Tidewater Oil Co.....	Do.
San Antonio.....	KOMN	300, 600.....	PG-X	Am. Finance & Com. Co.....	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.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Sangamon.....	WJAA	300,600.....	PG-X	U. S. S. B.....	R. C. of A.
Sar Jacinto.....	KES	300,450,600.....	PG-N	Mallory S. S. Co.....	I. W. T. Co.
San Jose.....	KDJ	300,600.....	PG-X	United Fruit S. S. Corp.....	T. R. T. Co.
San Juan.....	KGJ	300,450,600.....	PG-X	N. Y. & Porto Rico S. S. Co.....	I. W. T. Co.
San Juan.....	KULV	300,450,600.....	PG-N	Libby, McNeill & Libby.....	S. O. R. S.
San Juan.....	WWM	300,600.....	PG-N	Pacific Mail S. S. Co.....	F. T. Co.
San Lorenzo.....	KZZ	300,600.....	PG-N	N. Y. & Porto Rico S. S. Co.....	I. W. T. Co.
San Marcos.....	KEK	300,600.....	PG-X	Mallory S. S. Co.....	Do.
San Mateo.....	KLW	300,600.....	PG-X	United Fruit Co.....	T. R. T. Co.
San Pasqual.....	KUXX	300,450,600.....	PG-X	U. S. S. B.....	Do.
San Ramon.....	WNW	300,600.....	PG-X	Mexican Fruit & S. S. Corp.....	Wireless Serv. Co.
Santa Ana.....	WAL	300,600.....	PG-N	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	300,450,600.....	PG-N	do.....	Do.
Santa Elisa.....	KEGQ	300,450,600.....	PG-N	Grace S. S. Co.....	Do.
Santa Eulalia.....	KDDY	300,450,600.....	PG-X	American & Cuban S. S. Line.....	Do.
Santa Flavia.....	KRUI	300,450,525,600.....	PG-X	International Packing Co.....	Do.
Santa Inez.....	WSI	300,450,600.....	PG-X	Thomas Crowley.....	Do.
Santa Isabel.....	KDBV	300,450,600.....	PG-X	American & Cuban S. S. Line.....	Do.
Santa Luisa.....	KJEU	300,450,600.....	PG-N	Grace S. S. Co.....	Do.
Santa Maria.....	KJBN	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.....	P-X	Osborne Howes.....	Owner of vessel.
Santa Olivia.....	KQII	300,450,600.....	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	Andrew F. Mahony.....	Do.
Santa Rosa.....	WBO	300,500,600.....	PG-X	Grace S. S. Co.....	Do.
Santa Rosalia.....	KLO	300,450,600.....	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	American & Cuban S. S. Line.....	Do.
Santiago.....	KWE	300,450,600.....	PG-X	N. Y. & Cuba Mail S. S. Co.....	I. W. T. Co.
Santore.....	KDQ	300,450,600.....	PG-X	Guaranty Trust Co.....	R. C. of A.
Sapinero.....	KESG	300,450,600.....	PG-X	U. S. S. B.....	Do.
Sapnala.....	KDCB	300,600.....	PG-X	do.....	Do.
Sarah Weems.....	WQJ	300,600.....	PG-X	Baltimore & Carolina S. S. Co.....	T. R. T. Co.
Saramaca.....	KLH	300,450,600.....	PG-N	United Fruit S. S. Corp.....	I. W. T. Co.
Sarcoxie.....	WLAA	300,450,600.....	PG-X	U. S. S. B.....	R. C. of A.
Satartia.....	KIDA	300,450,600.....	PG-X	do.....	Do.
Satsuma.....	KJI	300,450,600.....	PG-X	New York & Oriental S. S. Co.....	I. W. T. Co.
Saucou.....	WBK	300,600.....	PG-N	U. S. S. B.....	S. O. R. S.
Saugerties.....	WAB	300,600.....	PG-X	do.....	I. W. T. Co.
Saugus.....	KTBQ	300,450,600.....	PG-X	do.....	S. O. R. S.
Sawokla.....	KDBW	300,450,600.....	PG-X	do.....	I. W. T. Co.
Saxon.....	WZEA	300,600.....	PG-X	Clinchfield Navigation Co.....	R. C. of A.
S. B. Hunt.....	KIPR	300,450,600.....	PG-X	Standard Oil Co. of N. J.....	Do.
Scantic.....	KILR	300,600.....	PG-X	U. S. S. B.....	Do.
Schenectady.....	WJUI	300,450,600.....	PG-X	do.....	Do.
Schodack.....	KEVT	300,600.....	PG-X	do.....	Do.
Schoharie.....	KEVV	300,450,600.....	PG-X	do.....	S. O. R. S.
Schoodic.....	KIDQ	300,450,600.....	PG-X	do.....	Do.
Schroon.....	KIJM	300,600.....	PG-X	do.....	I. W. T. Co.
Schuykill Bridge.....	KIKC	300,450,600.....	PG-X	do.....	Do.
Scottsburg.....	KOMM	300,450,600.....	PG-X	do.....	R. C. of A.
S. C. T. Dodd.....	KDML	300,600.....	PG-X	Standard Oil Co. of Calif.....	Do.
Seaconnet.....	KJOU	300,600.....	PG-N	Seaconnet S. S. Co.....	Do.
Sea Lion.....	KDOJ	300,600.....	PG-X	Ship Owners & Merchants Tugboat Co.....	S. O. R. S.
Sea Monarch.....	KDQU	300,600.....	PG-X	do.....	Owner of vessel.
Sea Ranger.....	KDSQ	300,450,600.....	PG-X	do.....	Do.
Sea Scout.....	KDSY	300,600.....	PG-X	do.....	Do.
Seattle Spirit.....	KISD	300,450,600.....	PG-X	U. S. S. B.....	S. O. R. S.
Sebonac.....	KUVF	300,450,600.....	PG-X	Thomas A. Howell.....	I. W. T. Co.
Security.....	KSI	300,600.....	PG-X	Standard Oil Co. of N. Y.....	R. C. of A.
Secundbee.....	WFS	100,450,475,600.....	PG-X	Clav. & Buff. Transit Co.....	Do.
Seekonk.....	KIGF	300,450,600.....	PG-X	U. S. S. B.....	Do.
Seima City.....	KDRJ	300,450,600.....	PG-X	U. S. Steel Products Co.....	Do.
Scminole.....	KUGP	300,600.....	PG-X	U. S. S. B.....	Do.
Senator.....	WGS	300,450,600.....	PG-N	Pacific S. S. Co.....	Do.
Senator Bailey.....	KGS	300,450,600.....	PG-X	Gulf Refining Co.....	I. W. T. Co.
Severance.....	KXOE	300,600.....	PG-X	Union Sulphur Co.....	Owner of vessel.
Sewalls Point.....	KGX	300,450,600.....	PG-X	Castner, Curran & Bullitt.....	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—
Sharon	KIRK	300,600	PG-X	U. S. S. B.	
Shenandoah	KIBD	300,600	PG-X	Texas Co.	I. W. T. Co.
Shenango	KTC	300,600	PG-X	Gulf Refining Co.	Do.
Sherman	KMGQ	300,450,600	PG-X	Sherman S S Co.	Do.
Shipping Board vessels (general call).	KSBV			U. S. S. B.	
Shicksbiny	KIZP	300,450,600	PG-X	do.	Do.
Shooters Island	KERG	300,450,600	PG-X	do.	R. C. of A.
Shortsville	KIKK	300,600	PG-X	do.	
Shreveport	WGAO	300,600	PG-X	do.	Do.
Sialia	WPHY	300,400,450,600	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	KODQ	300,600	PG-X	U. S. S. B.	
Silverado	WRC	300,450,600	PG-X	do.	
Silverbrook	KIBC	300,600	PG-X	do.	
Silver Shell	WIA	300,450,600	PG-X	Silver Shell S. S. Co.	R. C. of A.
Sinasta	KDAC	300,450,600	PG-X	U. S. S. B.	
Sinsinawa	KOJD	300,450,600	PG-X	do.	Do.
Sioux City	KUGK	300,450,600	PG-X	do.	
Storax Falls	KONN	300,600	PG-X	do.	
St. Thomas Shaughnessy	WVW	300,600	PG-X	Jenkins S. S. Co.	Do.
Siskiyou	KDAS	300,600	PG-X	E. K. Wood Lumber Co.	Owner of vessel.
Siraola	KDS	300,600,1800	PG-N	United Fruit S. S. Corp.	T. R. T. Co.
Skagway	WAT	300,600	PG-X	Alaska S. S. Co.	S. O. R. S.
S. M. Fisher	WPH	300,600	PG-X	Reid Towing & Wrecking Co.	
S. M. Spalding	WKG	300,450,600	PG-X	Pan-Amer. Petr. & Trans. Co.	R. C. of A.
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	do.	Do.
Socony 88	KRUU	300,450,600	PG-X	do.	Do.
Socony 89	KSAA	300,450,600	PG-X	do.	Do.
Socony 90	WTH	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	300,600,1800	PG-X	Pacific Mail S. S. Co.	F. T. Co.
Solitaire	KUMT	300,600	PG-X	Texas S. S. Co.	I. W. T. Co.
Somersot	KSU	300,450,600	PG-X	Standard Oil Co. of N. J.	R. C. of A.
Somoma	WHM	300,600,1800	PG-N	Oceanic S. S. Co.	F. T. Co.
South American	WEO	300,600	PG-N	Chicago, Duluth & Georgian Bay S. S. Co.	R. C. of A.
South Bend	KEXQ	300,600	PG-N	U. S. S. B.	S. O. R. S.
Southern Cross	KDTZ	300,450,600,1800	PG-N	do.	Do.
South Pole	WDIA	300,600	PG-N	do.	
Speejacks	KDUF	300,450,600	P-X	Albert Y. Gowen	Do.
Spokane	WGE	300,450,600	PG-N	Pacific S. S. Co.	R. C. of A.
Spray	KDWF	300,450,600	PG-X	Anthony J. McAllister	Do.
Spray	KDYB	300,450,600	PR-X	John F. Gray	Owner of vessel.
Springfield	KUTR	300,450,600	PG-X	U. S. S. B.	R. C. of A.
St. Anthony	KUBM	300,450,600	PG-X	do.	Do.
St. Augustine	KIKJ	300,600	PG-X	do.	
St. Johns County	KIKG	300,600	PG-X	do.	
St. Louis	KDQK	300,600		Inland & Coastwise Waterways Service.	
St. Nicholas	WSS	300,600	PG-X	Cal. River Packers' Assn.	Owner of vessel.
St. Paul	KSO	300,450,600	PG-N	Int'l. Mercantile 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 Trans. Co.	
Standard Arrow	KSV	300,450,600	PG-N	do.	Do.
Standard II	KSA	300,600	PG-X	Standard Oil Co. of N. Y.	
Standard Oil Co. vessels (general call).	KSOC			Standard Oil Co.	
Standtow No. 2	KPK	300,450,600	PG-X	Standard Oil Co. of N. J.	
Standtag No. 1	KOQM	300,450,600	PG-X	do.	
Stanley	KISJ	300,450,600	PG-X	U. S. S. B.	
Stanley Dollar	WHS	300,450,600	PG-X	Dollar S. S. Line	I. W. T. Co.
Star I	WRIO	300,600	PG-X	U. S. Whaling Co.	Owner of vessel.
Star of Greenland	KERF	300,600	PG-X	Alaska Packers' Assn.	Do.
Star of Holland	KUGQ	300,600	PG-X	do.	Do.
Star of Lapland	KXOA	300,400,600	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—
Starr.....	WPS	300,600.....	PG-X	San Juan Fishing & Packing Co.	S. O. R. S.
State of Ohio.....	WFR	300,600.....	PG-X	Cleve. & Buff. Transit 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	300,450,600.....	PG-X	do.....	Do.
Steel Exporter.....	KDDN	300,450,600.....	PG-X	do.....	Do.
Steel Inventor.....	KDJL	300,600.....	PG-X	do.....	Do.
Steelmaker.....	KOXX	300,450,600.....	PG-X	do.....	Do.
Steel Mariner.....	KUVK	300,600.....	PG-N	do.....	Do.
Steel Navigator.....	KDWL	300,450,600.....	PG-X	do.....	Do.
Steel Ranger.....	KDGL	300,450,600.....	PG-X	do.....	Do.
Steel Scientist.....	KDVW	300,450,600.....	PG-X	do.....	Do.
Steel Seafarer.....	KDVN	300,450,600.....	PG-X	do.....	Do.
Steel Trader.....	KUVL	300,450,600.....	PG-X	do.....	Do.
Steel Voyager.....	KUFN	300,450,600.....	PG-X	do.....	Do.
Steel Worker.....	KDBJ	300,450,600.....	PG-X	do.....	Do.
Stellaris.....	KIFL	300,450,600.....	PG-X	Stella F. Schlotman	R. C. of A.
Stephen R. Jones.....	KXX	300,450,600.....	PG-X	Crowell & Thurlow 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.....	R. C. of A.
Storm King.....	KDJM	300,450,600.....	PG-N	U. S. S. B.....	Do.
Storm King.....	KOGM	300,600.....	PG-X	Rolph Nav. & Coal Co.....	Owner of vessel.
Stuart Dollar.....	KDXD	300,450,600.....	PG-X	Dollar S. S. Line.....	R. C. of A.
Subatco.....	KURZ	300,600.....	PG-X	Submarine Boat Corp.....	Do.
Sucrosa.....	KNS	300,450,600.....	PG-X	Cuba Distilling Co.....	Do.
Suebiaco.....	KDQL	300,600.....	PG-X	Submarine Boat Corp.....	Do.
Sudawsonco.....	KRFJ	300,450,600.....	PG-X	do.....	Transmarine Corp.
Sudbury.....	KDZ	300,450,600.....	PG-X	Shawmut S. S. Co.....	United American Lines.
Suduffco.....	KDDO	300,600.....	PG-X	Submarine Boat Corp.....	Do.
Suduroco.....	KDEY	300,450,600.....	PG-X	do.....	Transmarine Corp.
Suedco.....	KUSB	300,600.....	PG-X	do.....	R. C. of A.
Suelco.....	KUZJ	300,600.....	PG-X	do.....	Do.
Suffolk.....	WBS	300,450,600.....	PG-X	Coastwise Trans. Co.....	Do.
Sugillenco.....	KDLS	300,600.....	PG-X	Submarine Boat Corp.....	Do.
Suholco.....	KUZF	300,450,600.....	PG-X	do.....	Do.
Sujameco.....	KDLF	300,600.....	PG-X	do.....	Do.
Sujerseyco.....	KDNH	300,600.....	PG-X	do.....	Transmarine Corp.
Sulanierco.....	KDFI	300,450,600.....	PG-X	do.....	Do.
Sumanco.....	KDDH	300,600.....	PG-X	do.....	Do.
Summerleaf.....	KUGR	300,450,600.....	PG-X	U. S. S. B.....	R. C. of A.
Sun.....	KTU	300,600.....	PG-X	Sun Co.....	Do.
Sunbeam.....	KODC	300,600.....	PG-X	do.....	Do.
Sundance.....	KORD	300,600.....	PG-X	U. S. S. B.....	I. W. T. Co.
Sunelseco.....	KUSC	300,450,600.....	PG-X	Submarine Boat Corp.....	R. C. of A.
Sunewarkco.....	KDNI	300,600.....	PG-X	do.....	Transmarine Corp.
Sunewco.....	KDBR	300,450,600.....	PG-X	do.....	R. C. of A.
Sunlite.....	KPQ	300,450,600.....	PG-X	Standard Oil Co. of N. J.....	Do.
Sunoil.....	KWP	300,450,600.....	PG-X	Sun Co.....	Do.
Sunugentco.....	KDNX	300,600.....	PG-X	Submarine Boat Corp.....	Transmarine Corp.
Suphenco.....	KDRP	300,600.....	PG-X	do.....	Do.
Suportco.....	KUZK	300,600.....	PG-X	do.....	R. C. of A.
Suraiico.....	KDBS	300,600.....	PG-X	do.....	Do.
Suremico.....	KDHB	300,600.....	PG-X	do.....	Do.
Surichco.....	KDHA	300,450,600.....	PG-X	do.....	Do.
Surico.....	KDDP	300,450,600.....	PG-X	do.....	Do.
Surinam.....	KDCY	300,450,600.....	PG-X	U. S. S. B.....	S. O. R. S.
Suriname.....	KLI	300,450,600.....	PG-N	United Fruit Co.....	T. R. T. Co.
Suruga.....	KGD	300,450,600.....	PG-X	N. Y. & Oriental S. S. Co.....	R. C. of A.
Susana H.....	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.....	I. W. T. Co.
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.....	Do.
Sutorpco.....	KDBQ	300,600.....	PG-X	Submarine Boat Corp.....	R. C. of A.
Sutransco.....	KUZG	300,450,600.....	PG-X	do.....	Do.
Suvarinco.....	KDLD	300,600.....	PG-X	do.....	Do.
Suwied.....	KOXC	300,600.....	PG-X	U. S. S. B.....	Do.
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.....	Do.
Swift Arrow.....	KDOS	300,450,600.....	PG-X	Swiftsure Oil Trans. Co.....	Do.
Swiftangle.....	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.

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

Vessel.	Call signal.	Wave lengths.	Service and hours	Owner of vessel.	Station controlled by—
Swiftstar.....	KDPF	300,450,600.	PG-X	Swiftsure Oil Trans. Co.....	R. C. of A.
Swiftsure.....	KDNG	300,450,600.	PG-X	do.....	Do.
Swift Wind.....	KDSI	300,450,600.	PG-X	do.....	Do.
Sylvan Arrow.....	KBX	300,450,600.	PG-N	Standard Transp. Co.....	Do.
Syros.....	KDEC	300,600.	PG-X	U. S. S. B.....	Do.
Tamesi.....	WTE	300,450,600.	PG-X	Sinclair Navigation Co.....	Do.
Tamahua.....	KDVA	300,450,600.	PG-X	Southern Pacific Co.....	Owner of vessel.
Tampa.....	KOVX	300,450,600.	PG-X	U. S. S. B.....	Do.
Tampico.....	KOXR	300,600.	PG-X	Crowell & Thurlow S. S. Co.....	Do.
Tanamo.....	KVN	300,450,600.	PG-X	Atlantic Fruit Co.....	I. W. T. Co.
Tancarville.....	KUKM	300,600.	PG-X	Philippine Veg. Oil Co.....	R. C. of A.
Tartar.....	KEKS	300,600.	PG-X	U. S. S. B.....	S. O. R. S.
Tashmoo.....	KOXD	300,600.	PG-X	do.....	do.
Tavernilla.....	KEMT	300,600.	PG-X	Panama Canal.....	do.
Tecomate.....	KDST	300,600.	PG-X	Atlantic Gulf Oil Corp.....	do.
Tekoa.....	KOXF	300,600.	PG-X	U. S. S. B.....	do.
Tenafly.....	KOZF	300,600.	PG-N	do.....	do.
Teresa.....	WJF	300,450,600.	PG-N	do.....	do.
Terre Haute.....	KOJF	300,600.	PG-X	do.....	do.
Texan.....	WKT	300,600.	PG-X	American-Hawaiian S. S. Co.....	United American Lines.
Texarkana.....	KOCD	300,600.	PG-X	U. S. S. B.....	do.
Texas.....	KUM	300,600.	PG-X	Texas Co.....	I. W. T. Co.
The Angeles.....	KUJB	300,450,600.	PG-X	U. S. S. B.....	do.
The Harvester.....	WCR	300,450,600.	PG-X	International Harvester Co.....	R. C. of A.
The Lambs.....	KEBZ	300,450,600.	PG-X	U. S. S. B.....	I. W. T. Co.
Theodore F. Reynolds.....	KDDG	300,450,600.	PG-X	Steamship Theodore F. Reynolds Corp.....	Do.
Theodore H. Wickwire.....	KDZC	300,600.	PG-X	American S. S. Co.....	do.
Theodore H. Wickwire, Jr.....	KDUL	300,600.	PG-X	do.....	do.
Theodore Roosevelt.....	WCT	300,600.	PG-X	Cleveland Erie S. S. Co.....	R. C. of A.
Thomas Crowley.....	KDSB	300,600.	PG-X	Andrew F. Mahony.....	do.
Thomas H. Wheeler.....	KDOR	300,600.	PG-X	Standard Oil Co. of N. J.....	do.
Thomas P. Beal.....	KDTO	300,600.	PG-X	Crowell & Thurlow S. S. Co.....	Owner of vessel.
Thorobred.....	KYZ	300,600.	PG-X	Dutee W. Flint.....	do.
"323".....	KDTH	300,600.	PG-X	John B. Paine.....	do.
Tidewater.....	KOU	300,450,600.	PG-X	Green Star S. S. Corp.....	R. C. of A.
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	300,450,600.	PG-N	Great Lakes Transit Corp.....	R. C. of A.
Tipton.....	WQOA	300,600.	PG-X	U. S. S. B.....	S. O. R. S.
Tives.....	KMI	300,600.	PG-N	United Fruit S. S. Corp.....	T. R. T. Co.
T. J. Williams.....	KDUR	300,450,600.	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Toiler.....	WTOO	300,600.	PG-X	Thomas J. Howard.....	do.
Toledo Bridge.....	KOXG	300,600.	PG-X	U. S. S. B.....	do.
Tollard.....	KEVX	300,600.	PG-X	do.....	do.
Tolosa.....	KDAY	300,600.	PG-X	do.....	do.
Tomalva.....	KDFH	300,450,600.	PG-X	do.....	S. O. R. S.
Tona.....	KOFJ	300,600.	PG-X	do.....	do.
Tonesit.....	KOXK	300,600.	PG-X	do.....	do.
Toopi.....	KULP	300,378,450,600.	PG-X	do.....	do.
Topa Topa.....	KDBB	300,600.	PG-X	do.....	do.
Topila.....	KKE	300,450,600.	PG-X	Southern Pacific Co.....	Owner of vessel.
Tormentor.....	KFN	300,450,600.	PG-X	Sinclair Navigation Co.....	R. C. of A.
Torres.....	KKF	300,450,600.	PG-X	Southern Pacific Co.....	Owner of vessel.
Toteco.....	KDSU	300,460,530,600.	PG-X	International Petroleum Co.....	do.
Transportation.....	KEJX	300,450,600.	PG-X	Coastwise Trans. Co.....	R. C. of A.
Traveller.....	KIVK	300,600.	PG-X	U. S. S. B.....	do.
Tri Mountain.....	KOQF	300,600.	PG-X	do.....	do.
Trinidadian.....	KNO	300,600.	PG-X	Gulf Refining Co.....	I. W. T. Co.
Trinity.....	KDBI	300,600.	PG-N	U. S. S. B.....	do.
Tripp.....	KIMC	300,600.	PG-X	do.....	Do.
Triumph.....	KEND	300,450,600.	PG-X	do.....	do.
Trontolite.....	KOM	300,600.	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
Tuckanuck.....	KIMB	300,600.	PG-X	U. S. S. B.....	do.
Tuladi.....	KOXL	300,450,600.	PG-X	do.....	do.
Tulsa.....	KIXR	300,600.	PG-X	do.....	Do.
Tulsagas.....	KDRZ	300,600,1800.	PG-X	do.....	S. O. R. S.
Tunica.....	WJF	300,600.	PG-N	do.....	do.
Turrialba.....	KDT	300,600.	PG-N	United Fruit S. S. Corp.....	T. R. T. Co.
Tuscaloosa City.....	KDIO	300,600.	PG-X	U. S. Steel Products Co.....	R. C. of A.
Tuscan.....	KUDC	300,450,600.	PG-X	Merchants & Miners Trans. 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—
Tustem	KDTW	300, 600.	PG-X	U. S. S. B.	
Tuxpanoff	KDPQ	300, 600, 1800.	PG-X	do.	
Tyee	WPC	300, 600.	PG-X	Skinner & Eddy Corp.	
Ulysses	KPU	300, 600.	PG-N	Panama R. R. Co.	S. O. R. S.
Undaunted	KDSJ	300, 600.	PG-X	G. F. Matthews.	
Undaunted	KYR	300, 600.	P-X	France & Canada S. S. Co.	
Unicol	KUQP	350, 480, 600.	PG-X	U. S. S. B.	
Union Liberty	KUNG	300, 600.	PG-X	do.	
United States	KZU	300, 450, 600.	PG-N	E. H. R. Green.	Owner of vessel.
Utacarbon	KUMC	300, 450, 600.	PG-X	U. S. S. B.	R. C. of A.
Vaba	KDIP	300, 600.	PG-X	do.	
Vacuum	KUTS	300, 450, 600.	PG-X	Vacuum Oil Co.	Do.
Valdez	WAK	300, 600.	PG-X	Alaska S. S. Co.	S. O. R. S.
Vanada	KOBF	300, 450, 600.	PG-X	U. S. S. B.	
Van Camp No. II	KDAK	300, 600.	PG-X	Fish Cannery Co.	Do.
Velero	WHV	300, 600.	PG-X	G. Allan Hancock.	Owner of vessel.
Venetia	WVO	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	KDSC			Inland & Coastwise Waterways Service.	
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.
Vigilant	KOZP	300, 450, 600.	PG-X	E. K. Wood Lumber Co.	Owner of vessel.
Viking	KDYC	300, 600.	PG-X	George E. Billings.	
Vincennes Bridge	KOXM	300, 480, 600.	PG-X	U. S. S. B.	
Vincent	KIZS	300, 450, 600.	PG-X	do.	S. O. R. S.
Vinita	KOTL	300, 450, 600.	PG-X	do.	R. C. of A.
Virginia	KUV	300, 600.	PG-X	Texas Co.	I. W. T. Co.
Virginia Bridge	KUCF	300, 600.	PG-X	U. S. S. B.	
Virginian	WKV	300, 450, 600.	PG-X	American-Hawaiian S. S. Co.	United American Lines.
Vizcaya	WSQ	300, 600.	PG-X	Ynchausti S. S. Co.	
Vittorio Emmanuele III.	KDJF	300, 600.	PG-X	U. S. S. B.	R. C. of A.
Volunteer	WFAO	300, 600.	PG-X	do.	
Von Steuben	KOXP	300, 600.	PG-N	do.	
Waban	KJT	300, 450, 600.	PG-X	do.	
Wabash	WNC	300, 450, 600.	PG-X	N. Atlan. & Western S. S. Co.	Do.
Wachusett	WJL	300, 600.	PG-X	U. S. S. B.	
Waco	KLRP	300, 600.	PG-X	do.	
Wacosta	KDLM	300, 450, 600, 1800	PG-X	do.	
Wahkena	WMS	300, 600.	PG-X	Wahkena S. S. Co.	Owner of vessel.
Wakulla	KRUO	300, 600.	PG-N	U. S. S. B.	
Walden	KIGG	300, 450, 600.	PG-X	do.	
Wallingford	KEPV	300, 476, 600.	PG-X	do.	
Walkill	KIFD	300, 600.	PG-X	do.	
Wallula	WPY	300, 450, 600.	PG-X	Port of Portland, Oreg.	S. O. B. S.
Walter A. Luckenbach	KJIE	300, 450, 600, 1800	PG-N	Lukenbach S. S. Co.	Do.
Walter D. Munson	KVI	300, 600.	PG-X	Munson S. S. Co.	R. C. of A.
Walter D. Noyes	KDY	300, 600.	PG-X	Crowell & Thurlow S. S. Co.	
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.	
Wana	KYX	300, 600.	P-X	George C. Sherman	Owner of vessel.
Wapama	WMG	300, 600.	PG-N	Wapama S. S. Co.	Do.
Warbler	KDKR	300, 600.	PG-X	U. S. S. B.	S. O. R. S.
Ward	KDQB	300, 450, 600.	PG-X	do.	
Warszawa	WLM	300, 600.	PG-N	Polish-American Nav. Corp.	Owner of vessel.
Warwick	KESX	300, 600.	PG-X	U. S. S. B.	S. O. R. S.
Wasagya	KOPN	300, 600.	PG-X	do.	
Washlenaw	WPOO	300, 600.	PG-X	Union S. S. Co.	F. T. Co.
Wassiac	KROO	300, 600.	PG-X	U. S. S. B.	S. O. R. S.
Watauga	WQT	300, 600.	PG-X	do.	
Waterbury	KUPT	300, 450, 600.	PG-X	do.	
Watertown	KING	300, 600.	PG-X	do.	
Wathena	WDIE	300, 600.	PG-X	do.	
Wantonwan	WDII	300, 600.	PG-X	do.	
Waubesa	WGOO	300, 450, 600.	PG-X	do.	
Wauconda	WREE	300, 600.	PG-X	do.	
Waukau	KIDV	300, 600.	PG-N	do.	
Waukegan	KIDX	300, 600.	PG-X	do.	
Waukesha	KKEO	300, 460, 600.	PG-X	do.	
Wauwatosa	KUCK	300, 460, 600.	PG-X	do.	
Wawalona	KEXM	300, 600.	PG-X	do.	
Waxahachie	KIFM	300, 600.	PG-X	do.	R. C. of A.
W. B. Keene	KWK	300, 600.	PG-X	Savannah-N. Y. Transp. Co.	Do.
W. C. Teagle	KTY	300, 450, 600.	PG-X	Standard Oil Co. of N. J.	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—
Wekika.....	KIKX	300, 450, 600.	PG-X	U. S. S. B.	S. O. R. S.
Wellington.....	KMH	300, 450, 600.	PG-X	Henry W. Cook	R. C. of A.
West Alcoa.....	KIDD	300, 450, 600.	PG-X	U. S. S. B.	
West Alsek.....	KJUC	300, 450, 600.	PG-X	do	
West Amargosa.....	KEJS	300, 450, 600.	PG-X	do	
West Apaura.....	KJUU	300, 450, 600.	PG-X	do	
West Arrow.....	WKS	300, 450, 600.	PG-X	do	S. O. R. S.
West Ashawa.....	KFH	300, 450, 600.	PG-X	do	
West Avenal.....	KENG	300, 450, 600.	PG-X	do	
Westboro.....	KDJH	300, 450, 600.	PG-X	do	
West Bridge.....	KJOO	300, 450, 600.	PG-X	do	
West brook.....	WLT	370, 600.	PG-X	do	
West Cactus.....	KIVV	300, 450, 600.	PG-X	do	
West Caddoa.....	KODF	300, 450, 600.	PG-X	do	I. W. T. Co.
West Cadron.....	KUDK	300, 450, 600.	PG-X	do	
West Cahokia.....	KUFJ	300, 450, 600.	PG-X	do	
West Cajoot.....	KEXX	300, 476, 600.	PG-X	do	
West Calera.....	KUMM	300, 450, 600.	PG-X	do	
West Calumb.....	KILT	300, 450, 600.	PG-X	do	
West Camak.....	KUST	300, 450, 600.	PG-X	do	R. C. of A.
West Camargo.....	KDBL	300, 450, 600.	PG-X	do	
West Campgaw.....	KUFR	300, 450, 600.	PG-X	do	S. O. R. S.
West Canon.....	KDCV	300, 450, 600.	PG-X	do	Do.
West Cape.....	WNEO	300, 450, 600.	PG-X	do	
West Carmona.....	KIPW	300, 450, 600.	PG-X	do	
West Carmitas.....	KEFC	300, 450, 600.	PG-X	do	R. C. of A.
West Caruth.....	KESJ	300, 450, 600.	PG-X	do	I. W. T. Co.
West Catanace.....	KEE	300, 450, 600.	PG-X	Elder Steel S. S. Co.	Do.
West Cavanal.....	KIFD	300, 450, 600.	PG-X	Imperial Shipping Corp.	
West Cawthon.....	KILZ	300, 450, 600.	PG-X	do	
West Cayote.....	KIRF	300, 450, 600.	PG-X	U. S. S. B.	R. C. of A.
West Caleton.....	KET	300, 450, 600.	PG-X	do	Do.
West Calina.....	KEZR	300, 450, 600.	PG-X	do	I. W. T. Co.
West Chatala.....	KIPJ	300, 450, 600.	PG-X	do	R. C. of A.
West Cherow.....	KJM	300, 450, 600.	PG-X	do	
Westchester.....	WCL	300, 476, 600.	PG-X	do	
West Cheswald.....	KIXB	300, 450, 600.	PG-X	do	Do.
West Chetac.....	KIMG	300, 450, 600.	PG-X	do	I. W. T. Co.
West Chopaka.....	KDYH	300, 600, 1800.	PG-X	do	S. O. R. S.
West Coast.....	KRAA	300, 450, 600.	PG-X	do	Do.
West Cobalt.....	KNEK	300, 450, 600.	PG-X	do	
West Cohas.....	KNAE	300, 450, 600.	PG-X	do	
West Compo.....	KENJ	300, 450, 600.	PG-X	do	
West Conoh.....	KIFP	300, 476, 600.	PG-X	do	
West Corum.....	KEVD	300, 450, 600.	PG-X	do	Do.
West Cressy.....	WGOU	300, 450, 600.	PG-X	do	I. W. T. Co.
West Cusseta.....	KDIK	300, 450, 600.	PG-X	do	
West Durfee.....	KIAI	300, 450, 600.	PG-X	do	S. O. R. S.
West Eagle.....	WQZ	300, 600.	PG-N	do	
West Ekonk.....	KQU	300, 600.	PG-X	do	
West Elcajou.....	KBLK	300, 450, 600.	PG-X	do	
West Elcasco.....	WJOA	300, 600.	PG-N	do	
West Eldara.....	WJOF	300, 450, 600.	PG-X	do	
Western Ally.....	KEJF	300, 600.	PG-N	do	I. W. T. Co.
Western Belle.....	WKUI	300, 600.	PG-N	do	
Western Chief.....	KNAO	300, 450, 600.	PG-X	do	
Western City.....	KNAI	300, 600.	PG-X	do	
Western Comet.....	WXEI	300, 450, 600.	PG-X	do	
Western Cross.....	KTEE	300, 600.	PG-N	do	
Westerner.....	KIK	300, 600.	PG-X	do	
Western Glen.....	KEDR	300, 476, 600.	PG-N	do	
Western Hero.....	KIU	300, 450, 600.	PG-X	do	
Western Hope.....	WFIA	300, 450, 600.	PG-X	do	
Western King.....	WEP	300, 450, 600.	PG-N	do	
Western Knight.....	KEFQ	300, 450, 600.	PG-X	do	
Western Light.....	KQOI	300, 450, 600.	PG-X	do	
Western Maid.....	KQOO	300, 450, 600.	PG-N	do	
Western Ocean.....	KIEA	300, 600.	PG-N	do	I. W. T. Co.
Western Plains.....	WZIU	300, 450, 600.	PG-N	do	Do.
Western Pride.....	WGT	300, 600.	PG-X	do	R. C. of A.
Western Queen.....	WWK	300, 600.	PG-X	do	I. W. T. Co.
Western Scout.....	WXEA	300, 450, 600.	PG-X	do	Do.
Western Sea.....	KNAA	300, 600.	PG-X	do	
Western Spirit.....	KNEA	300, 600.	PG-X	do	Do.
Western Star.....	WEU	300, 600.	PG-X	do	
Western States.....	WED	300, 450, 600.	PG-N	Detroit & Cleve. Nav. Co.	R. C. of A.
Western Wave.....	WWC	300, 600.	PG-X	U. S. S. B.	
Western World.....	KDYI	300, 600.	PG-N	do	S. O. R. S.
West Errol.....	KERJ	300, 450, 600.	PG-X	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 Faralon.....	KDSX	300, 600, 1800.	PG-X	U. S. S. B.	S. O. R. S.
Westfield.....	KXU	300, 600.	PG-X	do	
Westford.....	KNAU	300, 600.	PG-X	do	
West Galea.....	WFAE	300, 600.	PG-X	do	
West Galoc.....	KVEI	300, 600.	PG-X	do	
West Gambo.....	KQUU	300, 450, 600.	PG-X	do	I. W. T. Co.
West Gotomska.....	WET	300, 600.	PG-N	do	Do.
West Grama.....	WGIA	300, 600.	PG-N	do	
West Greylock.....	KDTV	300, 450, 600, 1800	PG-X	do	S. O. R. S.
West Grove.....	KIAU	300, 450, 600.	PG-X	do	
Westhampton.....	WSP	300, 378, 600.	PG-X	do	
West Harcuvar.....	KEZM	300, 600.	PG-X	do	
West Hardaway.....	KEDX	300, 600.	PG-X	do	I. W. T. Co.
West Hargrave.....	KEDZ	300, 600.	PG-X	do	
West Harlan.....	KEFS	300, 600.	PG-X	do	
West Harshaw.....	KEFX	300, 450, 600.	PG-X	do	S. O. R. S.
West Hartland.....	KEGS	300, 450, 600.	PG-X	do	
West Hartley.....	KEGT	300, 600.	PG-X	do	
West Harts.....	KEFZ	300, 600.	PG-X	do	
West Hassayampa.....	KEGX	300, 600.	PG-X	do	
West Haven.....	KJV	300, 600.	PG-N	do	
West Helix.....	WSUA	300, 450, 600.	PG-X	do	Do.
West Hematite.....	KEZP	300, 600.	PG-N	do	
West Hembrie.....	KEZN	300, 600.	PG-N	do	R. C. of A.
West Henshaw.....	KEBQ	300, 476, 600.	PG-X	do	I. W. T. Co.
West Hepburn.....	KINP	300, 600.	PG-X	do	
West Hesseltine.....	KOTN	300, 600.	PG-X	do	
West Hika.....	KOZK	300, 600.	PG-X	do	
West Hinrod.....	KUDQ	300, 600.	PG-X	do	
West Hixton.....	KUKV	300, 600.	PG-X	do	
West Hobomac.....	WFAI	300, 600.	PG-X	do	
West Holbrook.....	KUXB	300, 450, 600.	PG-X	do	
West Honaker.....	KDFX	300, 450, 600, 1800	PG-X	do	
West Hosokie.....	WFEI	300, 600.	PG-N	do	
West Humhaw.....	WZAE	300, 600.	PG-N	do	R. C. of A.
West Imboden.....	KECX	300, 450, 600.	PG-X	do	Do.
West Indian.....	KJAE	300, 600.	PG-X	do	
West Inskip.....	KITZ	300, 450, 600.	PG-X	do	Do.
West Ira.....	KOGL	300, 450, 600.	PG-X	do	Do.
West Irmo.....	KIFB	300, 600.	PG-X	Imperial Shipping Corp.	
West Islay.....	KICP	300, 450, 600.	PG-X	do	
West Isleta.....	KICQ	300, 450, 600.	PG-X	U. S. S. B.	Do.
West Islip.....	KIKX	300, 600.	PG-X	do	I. W. T. Co.
West Ison.....	KINN	300, 600.	PG-X	do	
West Ivan.....	KOZS	300, 600.	PG-X	do	R. C. of A.
West Ivis.....	KOQQ	300, 450, 600.	PG-X	do	I. W. T. Co.
West Jaffrey.....	KOCX	300, 450, 600.	PG-X	do	S. O. R. S.
West Jappa.....	KUKI	300, 450, 600.	PG-X	do	I. W. T. Co.
West Jena.....	KOTQ	300, 450, 600.	PG-X	do	
West Jessup.....	KONS	300, 450, 600.	PG-X	do	
West Jester.....	KUDG	300, 600.	PG-X	do	
West Kader.....	KLSD	300, 600.	PG-X	do	S. O. R. S.
West Kasson.....	KIKM	300, 600.	PG-X	do	I. W. T. Co.
West Katan.....	KOBK	300, 450, 600.	PG-X	do	R. C. of A.
West Keats.....	KUQK	300, 450, 600.	PG-X	do	S. O. R. S.
West Kebar.....	KDAN	300, 450, 600, 1800	PG-X	do	Do.
West Kedron.....	KDAP	300, 450, 600.	PG-X	do	I. W. T. Co.
West Kcene.....	KISK	300, 450, 600.	PG-X	do	R. C. of A.
West Kyska.....	WJCU	300, 600.	PG-X	do	
West Lake.....	WTH	300, 600.	PG-N	do	S. O. R. S.
Westland.....	KJX	300, 450, 600.	PG-X	do	Do.
Westland.....	KDOY	300, 600.	PG-X	do	
West Lashaway.....	WREA	300, 600.	PG-X	Tri-State S. S. Co.	R. C. of A.
West Lianga.....	KJAO	300, 376, 600.	PG-X	do	S. O. R. S.
West Loquassuck.....	WJOI	300, 600.	PG-X	do	
West Madaket.....	WJOO	300, 600.	PG-N	do	
West Mahomet.....	WTUU	300, 600.	PG-N	do	Do.
West Mahwah.....	KUTC	300, 450, 600.	PG-X	do	I. W. T. Co.
West Maximus.....	KEDQ	300, 600.	PG-X	do	Do.
Westmead.....	WDIO	300, 600.	PG-X	do	
West Mingo.....	KORB	300, 600.	PG-X	do	
West Modus.....	KENK	300, 600.	PG-X	do	
West Montop.....	KOTR	300, 600.	PG-X	do	
Westmoreland.....	KIQC	300, 600.	PG-N	do	
Westmount.....	KDIG	300, 600.	PG-X	do	
West Munham.....	KEXF	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—
West Neris.....	KOTK	300, 600.....	PG-X	U. S. S. B.....	I. W. T. Co.
West Niger.....	KOZJ	300, 476, 600..	PG-X	do.....	do.....
West Nilus.....	KUFJ	300, 450, 600..	PG-X	do.....	do.....
West Nivaria.....	KUQJ	300, 450, 600..	PG-X	do.....	do.....
West Nohno.....	KEXG	300, 600.....	PG-X	do.....	Do.
West Nomentum.....	KUSG	300, 600.....	PG-X	do.....	do.....
West Norranus.....	KUVZ	300, 600.....	PG-X	do.....	Do.
West Nosska.....	KEDV	300, 450, 600..	PG-X	do.....	R. C. of A.
West Notus.....	KDAM	300, 600.....	PG-X	do.....	S. O. R. S.
Westoll.....	KIVP	300, 600.....	PG-X	Waukan Translt Co.....	do.....
West O'Rowa.....	KDQI	300, 600, 1800.	PG-X	U. S. S. B.....	Do.
West Pocasset.....	KOCK	300, 600.....	PG-X	do.....	do.....
West Point.....	KIY	300, 450, 600..	PG-N	do.....	do.....
Westpool.....	WROA	300, 450, 600..	PG-N	do.....	do.....
Westport.....	WFEO	300, 450, 600..	PG-X	do.....	R. C. of A.
West Prospect.....	KDUK	300, 450, 600..	PG-X	do.....	S. O. R. S.
West Quechee.....	KEDT	300, 450, 600..	PG-N	do.....	R. C. of A.
West Raritanus.....	KIXC	300, 600.....	PG-X	do.....	do.....
West Saginaw.....	KOCV	300, 450, 600..	PG-X	do.....	Do.
West Segovia.....	KIPK	300, 600.....	PG-X	do.....	I. W. T. Co.
West Selene.....	KIXZ	300, 600.....	PG-X	do.....	do.....
West Sequana.....	WSOI	300, 450, 600..	PG-X	do.....	do.....
West Shore.....	WMD	300, 450, 600..	PG-X	do.....	R. C. of A.
West Tacook.....	KECR	300, 600.....	PG-X	do.....	do.....
West Togus.....	KEXJ	300, 600, 1800.	PG-X	do.....	do.....
West Totant.....	KEXX	300, 450, 600..	PG-X	do.....	I. W. T. Co.
West Vaca.....	KEMX	300, 600.....	PG-X	do.....	do.....
West View.....	WDIU	300, 450, 600..	PG-N	do.....	do.....
Westward Ho.....	WKX	300, 450, 600..	PG-X	do.....	do.....
West Wauna.....	WSUE	300, 450, 600..	PG-X	do.....	S. O. R. S.
West Wauneka.....	WSUI	300, 600.....	PG-X	do.....	do.....
Westwego.....	KGE	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.....	do.....
Westwood.....	WTF	300, 450, 600..	PG-N	do.....	do.....
West Zeda.....	WKUU	300, 600.....	PG-X	do.....	do.....
West Zucker.....	WJIA	300, 600.....	PG-X	do.....	do.....
West Zula.....	WQEO	300, 600.....	PG-X	do.....	do.....
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 Transpn. Co.....	R. C. of A.
Wheatland, Montana.	KISF	300, 450, 600..	PG-X	U. S. S. B.....	Do.
Wheeling Mold.....	KUNM	300, 450, 600..	PG-X	do.....	I. W. T. Co.
Whitemarsh.....	KOMG	300, 600.....	P-X	E. J. Stotesbury.....	Owner of vessel.
W. H. Libby.....	KDMP	300, 450, 600..	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
W. H. McGeary.....	WMIO	300, 600.....	PG-X	Pioneer S. S. Co.....	Do.
W. H. Tilford.....	KPD	300, 450, 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.....	do.....
Wildwood.....	KORV	300, 600.....	PG-X	do.....	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.....	Owner of vessel.
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	300, 450, 600..	PG-X	U. S. S. B.....	Do.
William A. McKenney.	WOM	300, 600.....	PG-X	Crowell & Thurlow S. S. Co.....	do.....
William A. Paine.	KDXZ	300, 600.....	PG-X	Pioneer S. S. Co.....	Do.
William A. Reiss.	WNI	300, 600.....	PG-X	Reiss S. S. Co.....	Do.
William G. Mather.	KKUI	300, 450, 600..	PG-X	Cleveland Cliffs Iron Co.	Do.
William Green.....	WUY	300, 450, 600..	PG-X	Pan-Am. Petr. & Trans. Co.....	Do.
William H. Dohey.	KDKG	300, 450, 600..	PG-X	do.....	Do.
William H. Webb.	KOZV	300, 600.....	PG-X	U. S. S. B.....	do.....
William Isom.....	KVY	300, 450, 600..	PG-X	American Italian S. S. Co.....	Do.
William N. Page.	WFOO	300, 450, 600..	PG-X	Castner, Curran & Bullitt.....	Do.
William Penn.....	KDGV	300, 600.....	PG-X	U. S. S. B.....	S. O. R. S.
William T. Roberts.	KDUJ	300, 600.....	PG-X	American S S Co.....	do.....
Willimantic.....	KMIO	300, 450, 600..	PG-X	U. S. S. B.....	do.....
Willpolo.....	KOBM	300, 600.....	PG-X	William S. S. Co.....	R. C. of A.
Willsole.....	KUDL	300, 450, 600..	PG-X	U. S. S. B.....	Do.
Willscow.....	WFAO	300, 600.....	PG-X	do.....	I. W. T. Co.
Windber.....	WND	300, 450, 600..	PG-N	Pacific-American Fisheries.....	R. C. of A.
Winding Gulf.....	WFEE	300, 600.....	PG-X	Castner, Curran & Bullitt.....	Do.
Winifred.....	KTE	300, 600.....	PG-X	Gulf Refining 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—
Winnebago.....	KTEI	300, 450, 525, 600	PG-X	American Transatlantic Co....	S. O. R. S.
Winneconne.....	KDFY	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, 450, 600..	PG-N	.....do.....	.....do.....
Winston-Salem...	KUJS	300, 600.....	PG-X	.....do.....	.....do.....
Winyah.....	KIMM	300, 450, 600..	PG-X	.....do.....	.....do.....
Wisconsin Bridge.	KIBM	300, 600.....	PG-X	American S. S. Corp.....	.....do.....
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, 600.....	PG-X	Wisla S. S. Corp.....	I. W. T. Co.
W. J. Crosby.....	WXOE	300, 450, 600..	PG-X	North Shore Transit Co.....	.....do.....
W. J. Hanna.....	KDKX	300, 450, 600..	PG-X	Standard Oil Co. of N. J.....	R. C. of A.
W. L. Connolly...	KQB	300, 450, 600..	PG-X	Sinclair Gulf Corp.....	Do.
W. L. Steed.....	WSEF	300, 450, 600..	PG-X	U. S. S. B.....	Do.
Wm. Boyce Thompson.	KDHS	300, 600.....	PG-N	Sinclair Navigation Co.....	Do.
W. M. Burton.....	KMIU	300, 600.....	PG-X	Atlantic Refining Co.....	Do.
Wm. F. Herrin...	WTN	300, 600, 1800.	PG-X	Associated Oil Co.....	F. T. Co.
Wm. G. Howard...	KIST	300, 600.....	PG-X	Thomas J. Howard.....	I. W. T. Co.
Wm. 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.
Wm. Rockefeller.	KDVI	300, 450, 600..	PG-X	Standard Oil Co. of N. J.....	Do.
W. M. Tupper.....	WJR	300, 600.....	PG-X	Gulf & Southern S. S. Co.....	.....do.....
Wogo.....	KDWM	300, 600.....	PR-X	Claud Nolan.....	Owner of vessel.
Wolverine State.	KDMQ	300, 450, 600..	PG-N	U. S. S. B.....	.....do.....
Woodmansie...	KIFP	300, 450, 600..	PG-X	.....do.....	R. C. of A.
Woonsocket.....	WCW	300, 450, 600..	PG-X	.....do.....	.....do.....
Worcester.....	KIKL	300, 600.....	PG-X	.....do.....	.....do.....
W. S. Miller.....	KDMR	300, 600.....	PG-X	Standard Oil Co. of N. J.....	Do.
W. S. Porter.....	WTM	300, 600, 1800.	PG-X	Associated Oil Co.....	F. T. Co.
W. S. Rheem.....	KDWP	300, 600.....	PG-X	Standard Oil Co. of Calif.....	R. C. of A.
Wyandotte.....	WCO	300, 600.....	PG-X	Wyandotte Transpn. Co.....	Do.
Wyandotte.....	WIW	300, 450, 600..	PG-N	U. S. S. B.....	.....do.....
Wynooche.....	KFE	300, 600.....	PG-X	.....do.....	.....do.....
Wytheville.....	KITL	300, 450, 600..	PG-X	.....do.....	Do.
Yadkin.....	KWL	300, 600.....	PG-X	.....do.....	.....do.....
Yaka.....	KDDF	300, 450, 600..	PG-X	.....do.....	.....do.....
Yaklok.....	KIGX	300, 450, 600..	PG-X	.....do.....	.....do.....
Yale.....	WRY	300, 600.....	PG-N	Los Angeles S. S. Co.....	F. T. Co.
Yalza.....	KDIK	300, 600, 1800.	PG-X	U. S. S. B.....	.....do.....
Yankee Arrow...	KDTP	300, 600.....	PG-X	Standard Transpn. Co.....	R. C. of A.
Yapalaga.....	KDHK	300, 450, 600..	PG-X	U. S. S. B.....	.....do.....
Yesoking.....	KERQ	300, 600.....	PG-X	.....do.....	.....do.....
Yomachichi.....	WPAI	300, 600.....	PG-X	.....do.....	.....do.....
Yorba Linda...	KDNS	300, 600.....	PG-X	General Petroleum Corp.....	I. W. T. Co.
York Harbor...	KOJB	300, 600.....	PG-X	U. S. S. B.....	Do.
Yosemite.....	KDWE	300, 600.....	PG-X	Pope & Talbot.....	S. O. R. S.
Yosemite.....	KYS	300, 450, 600..	PG-X	U. S. S. B.....	.....do.....
Youngstown...	KIFX	300, 450, 600..	PG-X	.....do.....	Do.
Yucatan.....	WLG	300, 600.....	PG-N	N. Y. & Cuba Mail S. S. Co...	I. W. T. Co.
Yucca.....	KWJ	300, 600.....	PG-X	U. S. S. B.....	.....do.....
Yukon.....	WXEU	300, 600.....	PG-N	.....do.....	.....do.....
Yuma.....	WJAI	300, 600.....	PG-X	Tropical Fruit Co.....	Do.
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, 450, 600..	PG-X	U. S. S. B.....	I. W. T. Co.
Zirkel.....	WREO	300, 600.....	PG-X	.....do.....	.....do.....
Zulia.....	KDZ	300, 450, 600..	PG-N	Atlantic & Caribbean Steam Navigation Co.	R. C. of A.

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

Call signal.	Station.	Call signal.	Station.
KDA	Philadelphia.....	KDDB	I. C. White.....
KDAB	Hog Island, Pa.....	KDDC	Algie.....
KDAC	Sinasta.....	KDDE	Lorraine Cross.....
KDAD	Agwisun.....	KDDF	Yaka.....
KDAF	Peconic.....	KDDG	Theodore F. Reynolds.....
KDAG	M. M. Davis.....	KDDH	Sumanco.....
KDAH	Fairport, Va.....	KDDI	Sutermco.....
KDAK	Van Camp No. II.....	KDDJ	John Englis.....
KDAM	West Notus.....	KDDK	Carlton.....
KDAN	West Kebar.....	KDDL	Hastings.....
KDAP	West Kedron.....	KDDM	Carenco.....
KDAR	President Monroe.....	KDDN	Steel Exporter.....
KDAS	Siskiyou.....	KDDO	Suduffco.....
KDAT	Pomona.....	KDDP	Surico.....
KDAV	Dartford.....	KDDQ	Susherico.....
KDAW	City of Fort Worth.....	KDDR	Halsey.....
KDAX	Antinuous.....	KDDS	Stockton.....
KDAY	Toleosa.....	KDDT	Derblay.....
KDAZ	Eastern Exporter.....	KDDU	Heber.....
KDB	Caracas.....	KDDV	Culberson.....
KDBA	Depere.....	KDDY	Santa Eulalia.....
KDBB	Topa Topa.....	KDDZ	Cassinir.....
KDBC	Agwimoon.....	KDE	Carrillo.....
KDBF	Eagle.....	KDE A	Lake Fernwood.....
KDBG	Edris.....	KDEB	Gulfstar.....
KDBH	Forest King.....	KDEC	Syros.....
KDBI	Trinity.....	KDED	Lena Luckenbach.....
KDBJ	Steel Worker.....	KDEM	Baytown.....
KDBK	Maud F.....	KDEN	Dearborn, Mich.....
KDBL	West Camargo.....	KDEP	Northville, Mich.....
KDBM	Meton.....	KDEQ	Hoboken.....
KDBN	Cananova.....	KDER	Carrabulle.....
KDBP	Chester Kiwanis.....	KDES	Carplaka.....
KDBQ	Sutorpeo.....	KDET	Geo. L. Harvey.....
KDBR	Sunewco.....	KDEV	Gladysbe.....
KDBS	Suralco.....	KDEW	Philip Publicker.....
KDBT	Durango.....	KDEX	Cody.....
KDBU	Haymon.....	KDEY	Sudurco.....
KDBV	Santa Isabel.....	KDEZ	Eastern Temple.....
KDBW	Sawokla.....	KDF	Coppename.....
KDBX	Mount Clay.....	KDFA	Hyder, Alaska.....
KDBY	Eastern Importer.....	KDFB	New Orleans.....
KDBZ	Apus.....	KDFC	Potter.....
KDC	Laramie, Wyo.....	KDFD	Gateway City.....
KDCA	Hybert.....	KDFE	Provincetown.....
KDCB	Sapulpa.....	KDFF	Castana.....
KDCD	James Otis.....	KDFG	Catahoula.....
KDCE	Mobile City.....	KDFH	Tonalva.....
KDCF	Rotarian.....	KDFI	Sulanierco.....
KDCG	Independence Hall.....	KDFJ	Sudawsonco.....
KDCH	Pachet.....	KDFK	Suscolanco.....
KDCI	President Fillmore.....	KDFM	Manatawny.....
KDCJ	Egeria.....	KDFN	Griffco.....
KDCK	Delivery No. 5.....	KDFQ	Halway.....
KDCL	George Washington.....	KDFR	Hannawa.....
KDCM	President Cleveland.....	KDFS	Janelew.....
KDCN	Atlanta of Texas.....	KDFT	Mursa.....
KDCO	Houston.....	KDFU	Jeptha.....
KDCP	Halo.....	KDFV	Lavada.....
KDCQ	Mosella.....	KDFW	West Carmona.....
KDCR	Haynie.....	KDFX	West Honaker.....
KDCS	Holly wood.....	KDFY	Winneconne.....
KDCT	Palo Alto.....	KDFZ	East Hampton.....
KDCU	Mevania.....	KDG	Parismina.....
KDCV	West Canon.....	KDG A	Hera.....
KDCW	Jalapa.....	KDGK	Bayou Chico.....
KDCX	Steel Engineer.....	KDGL	Steel Ranger.....
KDCY	Burinam.....	KDGM	John Stevens.....
KDCZ	Mount Vernon.....	KDGN	Donna Lane.....
KDD	Cartago.....	KDGO	Clement Smith.....
KDDA	Red Hook.....	KDGP	Muskegon.....

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

Call signal.	Station.	Call signal.	Station.		
KDGG	Elisha Walker.....	b	KDK	Atenas.....	b
KDGR	Lake Gano.....	b	KDKB	Eastern Sword.....	b
KDGS	City of Rayville.....	b	KDKC	Hopatcong.....	b
KDGT	Tulsa, Okla.....	c	KDKD	Emergency Aid.....	b
KDGU	Quincy, Mass.....	c	KDKG	William H. Doheny.....	b
KDGV	William Penn.....	b	KDKH	Algonquin.....	b
KDGW	China Arrow.....	b	KDKK	Minnekahda.....	b
KDGX	Bonnie Brook.....	b	KDKL	Camden.....	b
KDGY	Kekoskee.....	b	KDKM	Natirar.....	b
KDGZ	Nora.....	b	KDKN	Dnsmore.....	b
KDH	Heredia.....	b	KDKP	Lake Gatun.....	b
KDHA	Suricho.....	b	KDKQ	Rodman Swift.....	b
KDHB	Suremico.....	b	KDKR	Warbler.....	b
KDHC	Harvester.....	b	KDKS	Willett.....	b
KDHD	Edgar F. Coney.....	b	KDKT	El Estero.....	b
KDHF	President Van Buren.....	b	KDKU	Dan F. Hanlon.....	b
KDHG	Pagasset.....	b	KDKV	W. J. Hanna.....	b
KDHH	Charles H. Cramp.....	b	KDKY	Peacock.....	b
KDHI	Intrepid.....	b	KDL	Levisa.....	b
KDJ	Bibbo.....	b	KDLA	Charlie Watson.....	b
KDJK	Yapalaga.....	b	KDLB	President Hayes.....	b
KDHL	Argosy.....	b	KDLC	Pearlton.....	b
KDHO	Japan Arrow.....	b	KDLD	Suwarinco.....	b
KDHP	India Arrow.....	b	KDLE	Suwardenco.....	b
KDHQ	Java Arrow.....	b	KDLF	Sujameco.....	b
KDHR	J. Fletcher Farrel.....	b	KDLG	Reaper.....	b
KDHS	Wm. Boyce Thompson.....	b	KDLH	Franklin K. Lane.....	b
KDHT	Santa Veronica.....	b	KDLJ	Artemis.....	b
KDHU	Lilmae.....	b	KDLK	Cuba.....	b
KDHV	Brush.....	b	KDLL	A. L. Kent.....	b
KDHX	A. A. Dougherty.....	b	KDLM	Wacosta.....	b
KDHY	Eastern Leader.....	b	KDLN	Henry S. Grove.....	b
KDHZ	Dawn.....	b	KDLO	Tuscaloosa City.....	b
KDI	Abangarez.....	b	KDLS	Sugillenco.....	b
KDIB	Rawlins, Wyo.....	c	KDLT	George Pierce.....	b
KDIC	Ferris Oil Field, Wyo.....	c	KDLU	Blue Point.....	b
KDID	Medon.....	b	KDLW	Herman Frasch.....	b
KDIF	Hanley.....	b	KDLX	Mary Luckenbach.....	b
KDIG	Narbo.....	b	KDLY	Sugarland, Texas.....	c
KDIH	Narcissus.....	b	KDLZ	Galveston, Texas.....	c
KDIJ	Cuprum.....	b	KDM	Maracaibo.....	b
KDIK	West Cussetta.....	b	KDMA	Eugene V. R. Thayer.....	b
KDIL	Griffdu.....	b	KDMB	Agwisea.....	b
KDIM	George E. Weed.....	b	KDMC	Agwimars.....	b
KDIN	Colin H. Livingstone.....	b	KDMD	Agwiworld.....	b
KDIP	Vaba.....	b	KDME	Moffitt.....	b
KDIQ	Cedarhurst.....	b	KDMG	Estrada Palma.....	b
KDIR	Lake Ontario.....	b	KDMH	Memnon.....	b
KDIS	Lakebridge.....	b	KDMI	Namasket.....	b
KDIT	Lake Superior.....	b	KDMJ	Peralta.....	b
KDIW	Lakeshore.....	b	KDMK	Fort Worth, Texas.....	c
KDIY	Lake Weir.....	b	KDML	S. C. T. Dodd.....	b
KDIX	Lakeview.....	b	KDMM	Nacata.....	b
KDIY	Lake Dunmore.....	b	KDMN	John Worthington.....	b
KDIZ	Lake George.....	b	KDMO	Muriel.....	b
KDJ	San Jose.....	b	KDMP	W. H. Libby.....	b
KDJB	Fort George.....	b	KDMQ	Wolverine State.....	b
KDJC	Lakewood.....	b	KDMR	W. S. Miller.....	b
KDJD	Lake Traverse.....	b	KDMS	Samuel L. Fuller.....	b
KDJE	Lake Stirling.....	b	KDMT	Joseph M. Cudahy.....	b
KDJF	Vittorie Emmanuele III.....	b	KDMU	Wichita.....	b
KDJG	Westmount.....	b	KDMV	City of Elwood.....	b
KDJH	Westboro.....	b	KDMY	P. J. Reilly.....	b
KDJI	Chetopa.....	b	KDMZ	District of Columbia.....	b
KDJJ	Nipsic.....	b	KDNA	El Isleo.....	b
KDJK	Yalza.....	b	KDND	Quinault.....	b
KDJL	Steel Inventor.....	b	KDNF	Dewey.....	b
KDJM	Storm Kang.....	b	KDNG	Swiftsure.....	b
KDJO	Oneida.....	b	KDNH	Sujerseyco.....	b
KDJP	Kiowa.....	b	KDNI	Sunewarkco.....	b
KDJQ	Cayuga.....	b	KDNJ	Kingfisher.....	b
KDJR	Onondaga.....	b	KDNK	M. F. Elliott.....	b
KDJS	Chippewa.....	b	KDNL	Durham.....	b
KDJT	Daly, Alaska.....	c	KDNN	Wisdom II.....	b
KDJU	Warren, Alaska.....	c	KDNN	Agwilake.....	b
KDJV	Joseph Seep.....	b	KDNO	Gulfking.....	b
KDJX	Romagne.....	b	KDNP	City of Dalhart.....	b
KDJY	Natchez.....	b	KDNR	Lake Miraflores.....	b
KDJZ	Montgomery City.....	b	KDNS	Yorba Linda.....	b

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

Call signal.	Station.	Call signal.	Station.		
KDNV	President Pierce.....	b	KDRK	Swifteagle.....	b
KDNW	El Lago.....	b	KDRL	President Adams.....	b
KDNX	Sunagentco.....	b	KDRM	Henry D. Whiton.....	b
KDNY	Favorite.....	b	KDRN	E. W. Sinclair.....	b
KDNZ	Gorgona.....	b	KDBO	San Francisco, Calif.....	c
KDO	Esparta.....	b	KDRP	Suphenco.....	b
KDOB	Ala.....	b	KDRQ	Manulani.....	b
KDOC	Cebu.....	b	KDRR	Delphine.....	b
KDOD	Livingstone Roe.....	b	KDRS	Mindoro.....	b
KDOF	Bessemer City.....	b	KDRT	Cuba.....	b
KDOH	Crampton Anderson.....	b	KDRU	Luzon.....	b
KDOI	Consort.....	b	KDRV	Mount Clinton.....	b
KDOJ	Sea Lion.....	b	KDRW	Huckeye State.....	b
KDOK	Albert E. Watts.....	b	KDRX	Agwiha vte.....	b
KDOL	F. C. Latrobe.....	b	KDRY	Nixon Fork, Alaska.....	c
KDOM	Annapolis.....	b	KDRZ	Tulsagas.....	b
KDOQ	Richmond.....	b	KDS	Sixaola.....	b
KDOR	Thomas H. Wheeler.....	b	KDSA	Swiftlight.....	b
KDOS	Swift Arrow.....	b	KDSB	E. T. Bedford.....	b
KDOT	President Jefferson.....	b	KDSC	Vicksburg.....	b
KDOV	Stonewall.....	b	KDSD	Thomas Crowley.....	b
KDOW	America.....	b	KDSF	Manukal.....	b
KDOX	Pocahontas.....	b	KDSG	Annisnton City.....	b
KDOY	Westland.....	b	KDSH	Hambro.....	b
KDOZ	President Polk.....	b	KDSI	Swift Wind.....	b
KDPA	President Jackson.....	b	KDSJ	Undaunted.....	b
KDPC	Suspearco.....	b	KDSK	Gloria West.....	b
KDPD	Mauna Kea.....	b	KDSL	President McKinley.....	b
KDPE	Gargoyle.....	b	KDSL	Nashaba.....	b
KDPF	Swiftstar.....	b	KDSM	Lio.....	b
KDPG	Liebre.....	b	KDSO	Sa Ranger.....	b
KDPH	Detroit, Mich.....	c	KDSP	Yukiano.....	b
KDPI	Superior, Mich.....	c	KDSQ	Agwibay.....	b
KDPJ	Port Huron, Mich.....	c	KDSR	Puente.....	b
KDPK	Franklin.....	b	KDST	Tecomate.....	b
KDPL	Walter Jennings.....	b	KDSU	Toteco.....	b
KDPM	Cleveland, Ohio.....	c	KDSV	President Wilson.....	b
KDPN	Arden.....	b	KDSW	Atlanta City.....	b
KDPO	Agwistone.....	b	KDSX	West Faralon.....	b
KDPP	Mennecott.....	b	KDSY	Sea Scout.....	b
KDPQ	Tuxpanoil.....	b	KDSZ	Illinois.....	b
KDPR	Montebello.....	b	KDT	Turriaba.....	b
KDPS	Baytown, Texas.....	c	KDTA	Liberator.....	b
KDPU	Cascada, Calif.....	c	KDTB	Bohemian Club.....	b
KDPV	Camp 60, Calif.....	c	KDTC	President Garfield.....	b
KDPW	Camp 61, Calif.....	c	KDTE	David McKelvy.....	b
KDPX	La Placentia.....	b	KDTE	Playa.....	b
KDPY	Fairfield City.....	b	KDTF	Betty R.....	b
KDPZ	Gold Star.....	b	KDTG	Yankee Arrow.....	b
KDQ	Santore.....	b	KDTH	"323".....	b
KDQB	Ward.....	b	KDTI	Nourmahal.....	b
KDQD	E. R. Kemp.....	b	KDTJ	Hammac.....	b
KDQE	Galveston.....	b	KDTK	Colonial.....	b
KDQF	Jeff Davis.....	b	KDTL	Nedeva II.....	b
KDQG	Oldham.....	b	KDTM	American Legion.....	b
KDQH	Meanticut.....	b	KDTN	Hamer.....	b
KDQI	West O'Rowa.....	b	KDTP	Thomas P. Beal.....	b
KDQJ	Solana.....	b	KDTP	J. N. Few.....	b
KDQL	Sucubaco.....	b	KDTP	Bowdoin.....	b
KDQM	Aladdin.....	b	KDTH	Memphis City.....	b
KDQQ	Pocantico.....	b	KDTH	Adler.....	b
KDQR	John C. Kirkpatrick.....	b	KDTU	J. A. Moffett, Jr.....	b
KDQS	Cerro-Ebano.....	b	KDTV	West Greylock.....	b
KDQT	Mount Carroll.....	b	KDTW	Tustem.....	b
KDQU	Sea Monarch.....	b	KDTX	Patricia.....	b
KDQV	Swift Scout.....	b	KDTY	Half Moon.....	b
KDQW	Cairo.....	b	KDTZ	Southern Cross.....	b
KDQX	St. Louis.....	b	KDU	Point Reyes, Calif.....	c
KDQY	Cerro Azul.....	b	KDUB	Harry Yates.....	b
KDQZ	Frank G. Drum.....	b	KDUC	Lubrico.....	b
KDR	Limon.....	b	KDUD	Knoxville City.....	b
KDRA	Fearless.....	b	KDUF	Speejacks.....	b
KDRB	Gulf Prince.....	b	KDUG	Empire Arrow.....	b
KDRC	Agwismith.....	b	KDUH	Louis R. Davidson.....	b
KDRD	R. J. Hanna.....	b	KDUJ	William T. Roberts.....	b
KDRE	K. R. Kingsbury.....	b	KDUK	West Prospect.....	b
KDRH	Ruby (moored vessel).....	c	KDUL	Theodore H. Wickwire, jr.....	b
KDRI	Acropolis.....	b	KDUM	John D. Archbold.....	b
KDRJ	Selma City.....	b	KDUN	Ripple.....	b

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

Call signal.	Station.	Call signal.	Station.		
KDUP	Guinevere.....	b	KDXU	Joseph G. Butler, Jr.....	b
KDUQ	Agwimex.....	b	KDXV	J. J. Sullivan.....	b
KDUR	T. J. Williams.....	b	KDXW	James P. Walsh.....	b
KDUT	Pine Tree State.....	b	KDXX	J. T. Hutchinson.....	b
KDUV	Margaret Dollar.....	b	KDXY	Martin Mullen.....	b
KDUW	Chattanooga City.....	b	KDXZ	William A. Paine.....	b
KDUX	G. N. Wilson.....	b	KDY	Walter D. Noyes.....	b
KDUY	President Lincoln.....	b	KDYA	Resolute.....	b
KDUZ	M. A. Reeb.....	b	KDYB	Spray.....	b
KDV	Libby Maine.....	b	KDYC	Viking.....	b
KDVA	Tamiahua.....	b	KDYD	Californian.....	b
KDVB	Pollito.....	b	KDYE	Reliance.....	b
KDVC	Gertrude.....	b	KDYF	Bernice.....	b
KDVD	Levant Arrow.....	b	KDYG	Boy Scout.....	b
KDVE	Robert E. Hopkins.....	b	KDYH	Irages.....	b
KDVF	Adam E. Cornelius.....	b	KDYI	Western World.....	b
KDVG	Faith.....	b	KDYJ	Meteor.....	b
KDVH	West Chopaka.....	b	KDYK	H. F. Alexander.....	b
KDVI	Wm. Rockefeller.....	b	KDYP	Anvil.....	b
KDVJ	La Purissima.....	b	KDYT	Astoria.....	b
KDVK	F. H. Hillman.....	b	KDYZ	Dolphin.....	b
KDVL	Birkenhead.....	b	KDZ	Zulu.....	b
KDVM	H. T. Harper.....	b	KDZC	Theodore H. Wiekwire.....	b
KDVN	Steel Seafarer.....	b	KDZN	Calcite.....	b
KDVO	Samuel Q. Brown.....	b	KDZO	Marore.....	b
KDVP	Norwhal.....	b	KDZS	Guarina.....	b
KDVR	President Madison.....	b	KDZV	Pacific.....	b
KDVS	Jacob T. Kopp.....	b	KDZY	G. S. Allyn.....	b
KDVT	Dixie Arrow.....	b	KEA	Seldovia, Alaska.....	e
KDVV	H. M. Storey.....	b	KEB	Sabine.....	b
KDVW	Steel Scientist.....	b	KEBD	Abron.....	b
KDVX	Baton Rouge.....	b	KEBF	Edgefield.....	b
KDVI	Memphis.....	b	KEBM	Lake Giltedge.....	b
KDVZ	Centurion.....	b	KEBN	Lake Girth.....	b
KDW	Nakat Inlet, Alaska.....	b	KEBP	Lake Farabee.....	b
KDWA	Clifford F. Moll.....	b	KEBQ	West Henshaw.....	b
KDWB	John J. Boland.....	b	KEBR	Lake Strabo.....	b
KDWC	Lolomi.....	b	KEBS	Jekyl.....	b
KDWD	New Jersey.....	b	KEBT	Nesco.....	b
KDWE	Yosemite.....	b	KEBV	Lake Flushing.....	b
KDWF	All America.....	b	KEBX	Remus.....	b
KDWG	Asher J. Hudson.....	b	KEBZ	The Lambs.....	b
KDWH	Munargo.....	b	KEC	Concho.....	b
KDWI	Equator.....	b	KECB	Edenton.....	b
KDWJ	Spray.....	b	KECG	Chicago Bridge.....	b
KDWK	President Taft.....	b	KECJ	Decatur Bridge.....	b
KDWL	Steel Navigator.....	b	KECK	Hico.....	b
KDWM	Wogo.....	b	KECL	Opelika.....	b
KDWN	Byron D. Benson.....	b	KECM	Lake Gitano.....	b
KDWO	Alpha.....	b	KECN	Lake Fannin.....	b
KDWP	W. S. Rheem.....	b	KECR	West Tacook.....	b
KDWQ	Delaware Sun.....	b	KECS	Duquesne.....	b
KDWR	Invader.....	b	KECV	Lake Flynes.....	b
KDWS	President Roosevelt.....	b	KECX	West Imboden.....	b
KDWU	Fortuna.....	b	KED	Siasi, P. I.....	c
KDWW	Bothore.....	b	KEDG	Kamesit.....	b
KDWX	Cathay.....	b	KEDJ	Marne.....	b
KDWY	Federal.....	b	KEDK	Onokama.....	b
KDWZ	Pan America.....	b	KEDM	Lake Faribault.....	b
KDX	Flrmore.....	b	KEDN	Baracos.....	b
KDXA	Fort McHenry.....	b	KEDP	Lake Farley.....	b
KDXB	Fidus.....	b	KEDQ	West Maximus.....	b
KDXC	Allen.....	b	KEDR	Western Glen.....	b
KDXD	Stuart Dollar.....	b	KEDT	West Quechee.....	b
KDXE	Jacob Luckenbach.....	b	KEDV	West Nosska.....	b
KDXF	La Jota.....	b	KEDX	West Hardaway.....	b
KDXG	Daniel Kern.....	b	KEDZ	West Hargrave.....	b
KDXI	Oriental.....	b	KEE	West Catanace.....	b
KDXJ	G. A. Tomlinson.....	b	KEF	Henry R. Mallory.....	b
KDXK	F. R. Hazard.....	b	KEFB	Sac City.....	b
KDXL	E. L. Pierce.....	b	KEFC	West Carnifax.....	b
KDXM	Frank Billings.....	b	KEFD	Bar Harbor.....	b
KDXN	Polynesia.....	b	KEFJ	Copalgrove.....	b
KDXO	Australia.....	b	KEFK	Cerro Gardo.....	b
KDXP	Amazon.....	b	KEFL	Chamberino.....	b
KDXQ	A. A. Augustus.....	b	KEFM	Lake Inaha.....	b
KDXR	Price McKinney.....	b	KEFN	Lake Friar.....	b
KDXS	Harold B. Nye.....	b	KEFP	Lake Frio.....	b
KDXT	John Stanton.....	b	KEFQ	Western Knight.....	b

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

Call signal.	Station	Call signal.	Station.
KEFR	Osgining..... b	KENQ	Ballew..... b
KEFS	West Harlan..... b	KENR	Itompa..... b
KEFT	City of Eureka..... b	KENS	Cabrille..... b
KEFX	West Harshaw..... b	KENV	Bellecamp..... b
KEFZ	West Harts..... b	KENX	Clmcho..... b
KEG	Rio Grande..... b	KEO	Bongao, P. I..... c
KEGC	Bristol..... b	KEP	Lampasas..... b
KEGF	Eclipse..... b	KEPD	Diablo..... b
KEGG	Chamblee..... b	KEPF	Mercer..... b
KEGJ	Chaparel..... b	KEPG	Agwistar..... b
KEGK	Chantier..... b	KEPJ	Brevard..... b
KEGL	Lake Foxcraft..... b	KEPK	Briarcliff..... b
KEGM	Dirigo..... b	KEPL	Aledo..... b
KEGN	Lake Frolono..... b	KEPM	Lake Elkwater..... b
KEGP	Lake Frugality..... b	KEPN	Lake Ellendale..... b
KEGR	Lake Frohna..... b	KEPP	Lake Ellenorah..... b
KEGS	West Hartland..... b	KEPQ	Proctor..... b
KEGT	West Hartley..... b	KEPR	Sahale..... b
KEGX	West Hassayampa..... b	KEPS	Lazy Bay, Alaska..... c
KEH	Nueces..... b	KEPT	Saco..... b
KEI	Medina..... b	KEPV	Wallingford..... b
KEJ	Alamo..... b	KEQ	Port Walter, Alaska..... c
KEJD	Easterling..... b	KEQB	Dallas..... b
KEJF	Western Ally..... b	KEQJ	Baldrock..... b
KEJG	Lake Fraichur..... b	KEQK	Belvidere..... b
KEJJ	Lake Fraley..... b	KEQM	Lake Ellerslie..... b
KEJK	Lake Grainger..... b	KEQN	Lake Ellicott..... b
KEJL	Lake Grama..... b	KEQP	Lake Festina..... b
KEJN	Lake Fanbush..... b	KEQR	Galahad..... b
KEJP	Lake Faulk..... b	KEQV	Pisco..... b
KEJQ	Cabegon..... b	KEQX	Salaverry..... b
KEJS	West Amargosa..... b	KER	H. M. Flagler..... b
KEJT	D. F. McAllister..... b	KERF	Star of Greenand..... b
KEJV	Faraby..... b	KERG	Shooters Island..... b
KEJX	Transportation..... b	KERJ	West Erral..... b
KEK	San Marcos..... b	KERM	Lake Festus..... b
KEKB	East Wind..... b	KERN	Lake Fibre..... b
KEKC	Norma..... b	KERP	Lake Fielding..... b
KEKD	West Cobalt..... b	KERQ	Yesoking..... b
KEKG	Lake Grampian..... b	KERR	Benoni..... b
KEKJ	Lake Grampus..... b	KERT	Bethelridge..... b
KEKL	Sagueche..... b	KERX	Miller County..... b
KEKM	Lake Fansdale..... b	KERZ	Cecil County..... b
KEKN	Lake Fanquier..... b	KES	San Jacinto..... b
KEKP	Lake Furlough..... b	KESB	Lake Fo'boro..... b
KEKQ	Castle Wood..... b	KESC	Sacandaga..... b
KEKR	Homestead..... b	KESD	Castle Point..... b
KEKS	Tartar..... b	KESG	Sapinero..... b
KEKT	Oscoda..... b	KESJ	West Caruth..... b
KEKZ	Bluffton..... b	KESK	Lake Flovilla..... b
KEL	Isonomia..... b	KESM	Lake Fife..... b
KELB	North Pole..... b	KESN	Lake Figart..... b
KELC	Polar Star..... b	KESP	Lake Fighting..... b
KELG	Buckhannon..... b	KESQ	Bidwell..... b
KELK	West Elcajon..... b	KESR	Hampton Roads..... b
KELM	Lake Fernando..... b	KESV	City of Freeport..... b
KELN	Lake Ferrona..... b	KESX	Warwick..... b
KELQ	Prusa..... b	KESZ	Henry Clay..... b
KELS	Damacan..... b	KET	{ Bolinas Calif. (transmitting) } { Marshall, Calif. (receiving) }..... c
KELZ	Nawitka..... b	KETG	Braddock..... b
KEM	Comal..... b	KETM	Askawake..... b
KEMG	Susana II..... b	KETN	Edgehill..... b
KEMJ	Panay..... b	KETP	Edgemont..... b
KEMK	Hoxie..... b	KETX	Georgina Rolph..... b
KFML	Jacox..... b	KETZ	Annette Rolph..... b
KEMM	Covalt..... b	KEU	S. V Harkness..... b
KEMN	Covedale..... b	KEV	Capayan de Sulu, P. I..... c
KEMP	Covena..... b	KEVB	Oswatome..... b
KEMT	Tavernilla..... b	KEVD	West Corum..... b
KEMX	West Vaca..... b	KEVF	Edgemoor..... b
KENZ	Ballenas..... b	KEVG	Eldena..... b
KEN	San Diego, Calif..... c	KEVJ	Fort Seward..... b
KENC	East Cape..... b	KEVM	Nishmaha..... b
KEND	Triumph..... b	KEVN	Osaqumsick..... b
KENG	West Averal..... b	KEVP	Ozette..... b
KENJ	West Compo..... b	KEVR	Hartwood..... b
KENK	West Modus..... b	KEVS	Chappell..... b
KENM	Coverun..... b	KEVT	Schodack..... b
KENN	Cowan..... b	KEVV	Schobaric..... b
KENP	Lake Elkwood..... b		

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

Call signal.	Station.	Call signal.	Station.
KEVX	Tollard.....	KGUI	Apex.....
KEVZ	Lake Faresman.....	KGV	Castle Lodge.....
KFW	Balabac, P. I.....	KGX	Sewalls Point.....
KEX	Josiah Macy.....	KGZ	Julia Luckenbach.....
KEXB	McKeesport.....	KHA	Uyak, Alaska.....
KEXF	West Munham.....	KHB	Kviotahk, Alaska.....
KEXG	West Nohnu.....	KHC	Chiguiuk, Alaska.....
KEXJ	West Togus.....	KHE	Lake Silver.....
KEXK	West Totant.....	KHF	Snag Point, Alaska.....
KEXL	Lake Folcroft.....	KHG	Clarks Point, Alaska.....
KEXM	Wawalona.....	KHH	San Francisco, Calif.....
KEXN	Moline.....	KHI	Los Angeles, Calif.....
KEXQ	South Bend.....	KHK	Wahiawa, Hawaii (Island of Oahu).....
KEXR	Grand Haven.....	KHL	Lahaina, Hawaii (Island of Maui).....
KEXS	Milwaukee.....	KHM	Lihue, Hawaii (Island of Kauai).....
KEXT	Peter H. Crowell.....	KHN	Kawaihae, Hawaii (Island of Hawaii).....
KEXV	Hoven.....	KHO	Kaunakakai, Hawaii (Island of Molo- kai).....
KEXX	West Cajoot.....	KHP	Mangore.....
KEXZ	Glymont.....	KHR	J. W. Van Dyke.....
KEY	Cape Edwards, Alaska.....	KHS	H. C. Folger.....
KEZ	San Lorenzo.....	KHT	Naknek, Alaska.....
KEZB	Lake Sapor.....	KHU	Lake Ogden.....
KEZC	Lake Fonda.....	KHV	Lake Jessup.....
KEZD	Lake Fontana.....	KHW	Lake Charles.....
KEZF	Lake Fontanet.....	KHY	K. I. Luckenbach.....
KEZJ	Lake Gilboa.....	KHZ	Mystic.....
KEZK	Lake Gilpen.....	KIA	Ardmore.....
KEZL	Lake Gilta.....	KIB	Muskogee.....
KEZM	West Harcuvar.....	KIBB	Lake Glebe.....
KEZN	West Hembrie.....	KIBC	Silverbrook.....
KEZP	West Hematite.....	KIBD	Shenandoah.....
KEZQ	Glyndon.....	KIBF	Milwaukee Bridge.....
KEZR	West Celina.....	KIBG	National Bridge.....
KEZZ	Poughkeepsie.....	KIBJ	Passaic Bridge.....
KFA	City of Columbus.....	KIBK	Opequan.....
KFAA	Missourian.....	KIBL	Masca.....
KFAG	Bayonne.....	KIBM	Wisconsin Bridge.....
KFAH	Pilgrim.....	KIBN	Santa Malta.....
KFAI	Glendola.....	KIBQ	Saugus.....
KFAK	Alberta.....	KIBR	Craftsman.....
KFAL	Dolly C.....	KIC	Standard.....
KFAM	Hamilton.....	KICM	Edgewood.....
KFAO	Glendoyle.....	KICP	West Islay.....
KFB	City of Atlanta.....	KICQ	West Isleta.....
KFD	Lake Janet.....	KICR	Gaffney.....
KFE	Wynoochee.....	KICS	Zaremba.....
KFEO	Monana.....	KICV	Gunston Hall.....
KFF	Frieda.....	KICZ	Admiral Evans.....
KFG	Feltore.....	KID	Matincock.....
KFH	West Ashawa.....	KIDB	Lake Granby.....
KFJ	City of Augusta.....	KIDC	Satartia.....
KFK	City of Savannah.....	KIDD	West Alcoa.....
KFL	Seattle, Wash.....	KIDF	Hegira.....
KFM	Camp 61-C.....	KIDJ	Mulpua.....
KFN	Tormentor.....	KIDL	Genesee.....
KFO	Buccaneer.....	KIDM	Anniston.....
KFP	Nacoochee.....	KIDN	Chattanooga.....
KFQ	Owego.....	KIDP	Louisville Bridge.....
KFS	San Francisco, Calif. (Beach station).....	KIDQ	Schoodie.....
KFT	Everett, Wash.....	KIDR	Romulus.....
KFW	Freedom.....	KIDS	Lake Canaveral.....
KFX	City of St. Louis.....	KIDT	Barralton.....
KFY	City of Montgomery.....	KIDV	Waukau.....
KGA	Coamo.....	KIDX	Waukegan.....
KGAE	New Windsor.....	KIDZ	Orleans.....
KGD	Suruga.....	KIE	Kahuku, Hawaii (transmitting).....
KGE	Westwego.....	KIF	Koko Head, Hawaii (receiving).....
KGH	Hillsboro, Oregon.....	KIFB	Davao, P. I.....
KGI	Kahuku, Hawaii (Oahu station).....	KIFC	West Irmo.....
KGJ	San Juan.....	KIFD	Hukey.....
KGK	Edgar F. Luckenbach.....	KIFE	West Cavanal.....
KGL	Dochra.....	KIFG	Favorite.....
KGM	Mexicano.....	KIFJ	Kishacoquillas.....
KGOE	Lake Harney.....	KIFK	Chautauqua.....
KGP	Ponce.....	KIFL	Stellaris.....
KGQ	Edward Luckenbach.....	KIFN	Humrick.....
KGR	Cambridge.....	KIFP	West Conob.....
KGS	Senator Bailey.....	KIFQ	Bound Brook.....
KGT	Princess.....		
KGUE	Caribbean.....		

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

Call signal.	Station.	Call signal.	Station.		
KIFR	Barranca.....	b	KIMR	Doohet.....	b
KIFV	Andrea F. Luckenbach.....	b	KIMS	Burnwell.....	b
KIFX	Youngstown.....	b	KIMT	Mount Evans.....	b
KIFZ	Lorain.....	b	KIMV	Lake Cannonsburg.....	b
KIG	Pioneer.....	b	KIMX	Orinoco.....	b
KIGB	Lake Glencoe.....	b	KIMZ	Pipestone County.....	b
KIGC	Humbonna.....	b	KIN	Patrol.....	b
KIGD	Hulver.....	b	KINB	Ogontz.....	b
KIGF	Seekonk.....	b	KINC	Hyannis.....	b
KIGG	Walden.....	b	KIND	Rock Island.....	b
KIGJ	Director.....	b	KINF	Costigan.....	b
KIGK	Intan.....	b	KING	Watertown.....	b
KIGL	Polybus.....	b	KINJ	Lake Fabyan.....	b
KIGM	Lake Farlin.....	b	KINK	Lake Glasco.....	b
KIGP	Gratia.....	b	KINL	Pere Marquette 8.....	b
KIGQ	Santa Elisa.....	b	KINM	Lehigh.....	b
KIGR	Blair.....	b	KINN	West Ison.....	b
KIGS	Harry Luckenbach.....	b	KINP	West Hepburn.....	b
KIGT	Bessemer.....	b	KINQ	Eelbeck.....	b
KIGX	Yakok.....	b	KINR	Olen.....	b
KIGZ	Cahbee.....	b	KINS	Boston Bridge.....	b
KIH	Corning.....	b	KINT	Bay Head.....	b
KIJ	Aome.....	b	KINV	Caino.....	b
KIJB	Lake Candelaria.....	b	KINX	Davidson County.....	b
KIJC	Balsam.....	b	KINZ	Pawtucket.....	b
KIID	Barrenfork.....	b	KIO	Brynhlida.....	b
KIIF	Barryton.....	b	KIP	General W. C. Gorgas.....	b
KIIG	Wicasta.....	b	KIPB	Assinippi.....	b
KIJJ	Sabotawan.....	b	KIPC	Pontia.....	b
KIJK	Klanop.....	b	KIPD	Wallkill.....	b
KIJL	Edellyn.....	b	KIPF	Woodmansie.....	b
KIJM	Schroon.....	b	KIPG	Doylestown.....	b
KIJN	Knoxville.....	b	KIPJ	West Chatala.....	b
KIJP	Montgomery.....	b	KIPK	West Segovia.....	b
KIJQ	Hoxbar.....	b	KIPN	Lake Gazette.....	b
KIJR	Barstow.....	b	KIPP	American Star.....	b
KIJS	Butterfield.....	b	KIPQ	Lake Fablus.....	b
KIJT	Buttercup.....	b	KIPR	S. B. Hunt.....	b
KIJV	Bethlehem Bridge.....	b	KIPS	Geo. H. Jones.....	b
KIJX	Brasher.....	b	KIPV	Luxpalle.....	b
KIJZ	Dade County.....	b	KIPX	Maiden Creek.....	b
KIK	Westerner.....	b	KIPZ	Lake Farmingdale.....	b
KIKB	Hillsborough County.....	b	KIQ	Astral.....	b
KIKC	Jackson.....	b	KIQB	Belfort.....	b
KIKD	Johnson City.....	b	KIQC	Westmoreland.....	b
KIKF	Jefferson County.....	b	KIQD	Canumset.....	b
KIKG	St. Johns County.....	b	KIQE	Cotati.....	b
KIKJ	St. Augustine.....	b	KIQF	Cold Spring.....	b
KIKK	Shortsville.....	b	KIQN	Lake Farragut.....	b
KIKL	Worcester.....	b	KIQP	Bolivar.....	b
KIKM	West Kasson.....	b	KIQR	Hugoton.....	b
KIKQ	Ambridge.....	b	KIQS	Bathgate.....	b
KIKR	Clairton.....	b	KIQT	Bathalum.....	b
KIKS	Argenta.....	b	KIQV	Corson.....	b
KIKT	Evansville.....	b	KIQX	Fluor Spar.....	b
KIKX	West Islip.....	b	KIQZ	Liberty Glo.....	b
KIL	Jolo, P. I.....	c	KIR	Eagle.....	b
KILF	Elmsport.....	b	KIRB	Lake Farber.....	b
KILJ	Edmore.....	b	KIRF	West Cayote.....	b
KILK	Colorado Springs.....	b	KIRG	New Britain.....	b
KILL	City of Spokane.....	b	KIRJ	Lake Frumet.....	b
KILM	Waxahachie.....	b	KIRK	Sharon.....	b
KILN	Neshaminy.....	b	KIRM	Arenas.....	b
KILP	Meriden.....	b	KIRN	Haddon.....	b
KILR	Scantic.....	b	KIRP	Waco.....	b
KILT	West Calumb.....	b	KIRQ	Delavan.....	b
KILV	Ipswich.....	b	KIRR	Cambridge.....	b
KILX	Monasses.....	b	KIRS	John Ena.....	b
KILZ	West Cawthon.....	b	KIRT	Derbyline.....	b
KIM	Latouche, Alaska.....	c	KIRV	Lake Fairfax.....	b
KIMB	Tuckanuck.....	b	KIRX	Casper.....	b
KIMC	Tripp.....	b	KIRZ	Glen Ridge.....	b
KIMD	Deerlodge.....	b	KIS	Marshall, Alaska.....	c
KIMG	West Chetac.....	b	KISC	Orcus.....	b
KIMJ	Cushnoc.....	b	KISD	Seattle Spirit.....	b
KIMM	Winyah.....	b	KISF	Wheatland Montana.....	b
KIMN	Salvation Lass.....	b	KISG	Elkridge.....	b
KIMQ	East Side.....	b	KISJ	Stanley.....	b

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

Call signal.	Station.	Call signal.	Station.		
KISK	West Koene.....	b	KIZR	Winona County.....	b
KISM	Baldbutte.....	b	KIZS	Vincent.....	b
KISN	Lake Fagundus.....	b	KIZT	Algonquin.....	b
KISP	Lake Fairlie.....	b	KIZV	Imlay.....	b
KISQ	Afel.....	b	KIZX	Labette.....	b
KISR	City of Fairbury.....	b	KIZZ	Rockaway Park.....	b
KISS	Liberty Land.....	b	KJ	Jualin, Alaska.....	c
KIST	Wm. G. Howard.....	b	KJAA	Chebautip.....	b
KISV	Asquam.....	b	KJAE	West Indian.....	b
KISX	Lake Farrar.....	b	KJAF	West Durfee.....	b
KIT	Tiger.....	b	KJAO	West Lianga.....	b
KITB	Lake Falsama.....	b	KJAU	West Grove.....	b
KITC	Babooisc.....	b	KJB	Everett, Wash.....	c
KITF	Firthcliffe.....	b	KJD	North Land.....	b
KITG	Kittegaun.....	b	KJE	Norlina.....	b
KITJ	Imnoko.....	b	KJEA	Western Ocean.....	b
KITK	Bell buckle.....	b	KJEI	John M. Connolly.....	b
KITL	Wytheville.....	b	KJEU	Santa Luisa.....	b
KITM	Betsy Bell.....	b	KJF	Carolinian.....	b
KITN	Nameaug.....	b	KJG	Eurana.....	b
KITP	Lake Gadsden.....	b	KJH	West Wind.....	b
KITQ	Lake Singara.....	b	KJI	Satsuma.....	b
KITR	Keshena.....	b	KJIE	Walter A. Luckenbach.....	b
KITS	Kiokee.....	b	KJII	Muscataine.....	b
KITT	Kiron.....	b	KJIO	Paul H. Harwood.....	b
KITV	Kitchi.....	b	KJIU	Carib.....	b
KITX	Willfaro.....	b	KJK	King Cove, Alaska.....	e
KIZ	West Inskip.....	b	KJL	False Pass, Alaska.....	e
KIU	Western Hero.....	b	KJM	West Cherow.....	b
KIV	Puerto Princesa Paragua, P. I.....	c	KJN	J. A. Bostwick.....	b
KIVB	Minnequa.....	b	KJO	Mumisla.....	b
KIVC	Kewanee.....	b	KJOE	W. M. Irish.....	b
KIVD	Marina.....	b	KJOO	West Bridge.....	b
KIVF	Lightburne.....	b	KJOU	Seaconnet.....	b
KIVG	Mercer Victory.....	b	KJPT	Joseph R. Parrott.....	b
KIVJ	Hatchie.....	b	KJT	Waban.....	b
KIVK	Traveller.....	b	KJU	Bacot.....	b
KIVM	Lake Fear.....	b	KJUA	Ice King.....	b
KIVN	Explorer.....	b	KJUE	Radnor.....	b
KIVP	Westoil.....	b	KJUI	Point Lobos.....	b
KIVQ	Huguenot.....	b	KJUO	West Alsek.....	b
KIVR	Devolente.....	n	KJUP	West Apatum.....	b
KIVS	Delfina.....	b	KJW	West Haven.....	b
KIVT	Delisle.....	b	KJX	O. T. Waring.....	b
KIVV	West Cactus.....	b	KJY	Westland.....	b
KIVX	Guardzman.....	b	KJZ	West Point.....	b
KIVZ	Custodian.....	b	KKA	Chincha.....	b
KIW	Zainboanga, P. I.....	e	KKAA	Yakutat, Alaska.....	c
KIX	Cuyo, P. I.....	c	KKAA	Sulzer, Alaska.....	c
KIXB	West Cheswald.....	b	KKAE	Noshagak, Alaska.....	c
KIXC	West Raritants.....	b	KKAI	Hawk Inlet, Alaska.....	c
KIXD	Lackawanna Valley.....	b	KKAO	Kussilof, Alaska.....	c
KIXF	Ablanset.....	b	KKAU	Avondale.....	b
KIXG	Asabeth.....	b	KKB	El Sol.....	b
KIXH	Fourth Alabama.....	b	KKC	Chalmette.....	b
KIXK	Lafcomo.....	b	KKD	Comas.....	b
KIXM	Lockport.....	b	KKE	Topiha.....	b
KIXN	Lordship Manor.....	b	KKEE	Nankine.....	b
KIXP	Nonantum.....	b	KKEI	City of Sydney.....	b
KIXQ	Putnam.....	b	KKEO	Wankesha.....	b
KIXR	Tulsa.....	b	KKEU	Mariners Harbor.....	b
KIXS	Abraham Lincoln.....	b	KKF	Torres.....	b
KIXT	Lake Flagon.....	b	KKG	El Almirante.....	b
KIXV	Montank.....	b	KKH	El Capitan.....	b
KIXX	Wekika.....	b	KKI	Kilkenny.....	b
KIXZ	West Selene.....	b	KKJ	West Celeron.....	b
KIY	San Jose, P. I.....	c	KKL	El Alba.....	b
KIZ	Malabang, P. I.....	c	KKM	Momus.....	b
KIZB	Delco.....	b	KKN	El Norte.....	b
KIZC	Bakersfield.....	b	KKO	Excelsior.....	b
KIZD	De Bardleben.....	b	KKOA	Biran.....	b
KIZF	Buffalo Bridge.....	b	KKOE	Lake Annette.....	b
KIZG	Parksville.....	b	KKP	Mahanna.....	b
KIZJ	Dauperuta.....	b	KKQ	El Sud.....	b
KIZK	Katherine.....	b	KKR	Creole.....	b
KIZL	Avalon.....	b	KKS	El Siglo.....	b
KIZM	Lake Flagstaff.....	b	KKT	El Cid.....	b
KIZN	Lake Flambeau.....	b	KKU	El Mundo.....	b
KIZP	Shickshimmy.....	b	KKUI	William G. Mather.....	b
KIZQ	Bannack.....	b	KKV	El Oriente.....	b

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

Call signal.	Station.	Call signal.	Station.		
KKW	El Valle.....	b	KMUU	Lake Flume.....	b
KKX	El Occidente.....	b	KMV	Advance.....	b
KKY	El Dia.....	b	KMW	Akutan, Alaska.....	c
KKZ	El Rio.....	b	KMX	Colon.....	b
KLA	Pastores.....	b	KMY	Holden Evans.....	b
KLAA	Luella.....	b	KMZ	General G. W. Goethals.....	b
KLAE	Overbrook.....	b	KNA	Dorothy Bradford.....	b
KLAO	Lake Crystal.....	b	KNAA	Western Sea.....	b
KLAU	Lake Winona.....	b	KNAE	West Cohas.....	b
KLC	Calamares.....	b	KNAI	Western City.....	b
KLD	Fort Worth.....	b	KNAO	Western Chief.....	b
KLE	Zacapa.....	b	KNAU	Westford.....	b
KLEA	Lake Maurepas.....	b	KNB	Lexington.....	b
KLEE	Lake St. Regis.....	b	KNC	Concord.....	b
KLEI	Lake Allen.....	b	KND	Plymouth.....	b
KLEO	Lake Clear.....	b	KNE	Clare.....	b
KLEU	Lake Pewaukee.....	b	KNEA	Western Spirit.....	b
KLF	Metapan.....	b	KNEE	Santa Tecla.....	b
KLG	Santa Marta.....	b	KNEU	Wishkah.....	b
KLH	Saramacca.....	b	KNF	Wm. G. Warden.....	b
KLI	Suriname.....	b	KNG	Bradford.....	b
KLIA	Lake Otisco.....	b	KNH	Brockton.....	b
KLIE	Lake Como.....	b	KNK	Marica.....	b
KLIU	Lake Sunapee.....	b	KNL	Nelson.....	b
KLJ	Beatrice.....	b	KNM	Millinocket.....	b
KLK	Craster Hall.....	b	KNO	Trinidadian.....	b
KLL	Thompson Falls, Mont.....	c	KNP	Chignik, Alaska.....	c
KLM	Bantu.....	b	KNQ	F. Q. Barstow.....	b
KLO	Santa Rosalia.....	b	KNS	Sucrosa.....	b
KLOE	Lake Hemlock.....	b	KNU	Currier.....	b
KLOI	Lakehurst.....	b	KNW	Robert M. Thompson.....	b
KLOO	Lake Lida.....	b	KNY	Fred W. Weller.....	b
KLOU	Lake Shawano.....	b	KNZ	A. C. Bedford.....	b
KLQ	Rainbow, Mont. (near Great Falls).....	c	KOBC	Ruby.....	b
KLR	Crofton Hall.....	b	KOBD	Orani.....	b
KLT	Howick Hall.....	b	KOBF	Vanada.....	b
KLU	Charlton Hall.....	b	KOBG	Editor.....	b
KLUA	Lake Capens.....	b	KOBI	Deroche.....	b
KLUE	Lake Sebago.....	b	KOBK	West Katon.....	b
KLUI	Lake Cayuga.....	b	KOBL	Lake Elijah.....	b
KLUO	Lake Ennis.....	b	KOBM	Willpolo.....	b
KLUU	Agarista.....	b	KOBN	Alameda.....	b
KLV	San Mateo.....	b	KOBP	Bird City.....	b
KLW	Port Althorp, Alaska.....	c	KOBQ	Gonzalis.....	b
KLY	Deepwater.....	b	KOBR	Barwick.....	b
KMA	Alianca.....	b	KOBT	Lake Inglenook.....	b
KMAA	Admiral Nicholson.....	b	KOBV	Baldhill.....	b
KMAI	Catherine D.....	b	KOBX	Moshico.....	b
KMB	Amoleo.....	b	KOBZ	Lake Elton.....	b
KMD	Cristobal.....	b	KOC	Jamestown.....	b
KME	Pennant.....	b	KOCB	Lake Savus.....	b
KMEI	Orizaba.....	b	KOCC	Epitacio Pessoa.....	b
KMEO	Cletus Schneider.....	b	KOCD	Texarkana.....	b
KMEU	Pasadena.....	b	KOCF	Nokatay.....	b
KMF	Egegik, Alaska.....	c	KOCG	Lake Fiscus.....	b
KMG	Ekuq, Alaska.....	c	KOCJ	Aguilo.....	b
KMH	Panama.....	b	KOCK	West Pocasset.....	b
KMI	Tivives.....	b	KOCL	Elkhorn.....	b
KMIE	Cape Henry.....	b	KOCM	Marsodak.....	b
KMII	Masuda.....	b	KOCN	Federal Bridge.....	b
KMIO	Willimantic.....	b	KOCP	Continental Bridge.....	b
KMIU	W. M. Burton.....	b	KOCQ	Clark Mills.....	b
KMK	Naknek, Alaska.....	c	KOCR	John W. Wells.....	b
KML	Lockanok, Alaska.....	c	KOCS	Lake Girardeau.....	b
KMM	Panuco.....	b	KOCT	Hercules.....	b
KMN	Butte, Mont.....	c	KOCV	West Saginaw.....	b
KMOE	Acomac.....	b	KOCX	West Jaffrey.....	b
KMOI	Eldorado.....	b	KOCZ	Lake Ellsworth.....	b
KMOO	Oakland.....	b	KOD	Jefferson.....	b
KMOU	Edward Pierce.....	b	KODB	Nobles.....	b
KMP	Metha Nelson (moored vessel).....	c	KODC	Sunbeam.....	b
KMQ	Sherman.....	b	KODD	Lake Fisher.....	b
KMR	Wellington.....	b	KODF	West Caddoa.....	b
KMS	Ancon.....	b	KODG	Siletz.....	b
KMT	Libbyville, Alaska.....	c	KODK	Hathaway.....	b
KMU	Ugashik, Alaska.....	c	KODL	Menominee.....	b
KMUA	Lake Lasang.....	b	KODN	Endicott.....	b
KMUE	Lake Larga.....	b	KODP	Bahinda.....	b
KMUI	George W. Barnes.....	b	KODQ	Hulaco.....	b

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

Call signal.	Station.	Call signal.	Station.		
KODR	Salem County.....	b	KOLL	Clavareck.....	b
KODS	Bellemin.....	b	KOLN	Susquehanna.....	b
KODT	Dewey.....	b	KOLP	Cathlamet.....	b
KODY	Hog Island.....	b	KOLR	Lake Elmdale.....	b
KODX	Dillwyn.....	b	KOLS	Chicomico.....	b
KODZ	Ophis.....	b	KOLT	Efingham.....	b
KOF	Castle Town.....	b	KOLV	Pahsades.....	b
KOFC	Bellhaven.....	b	KOLX	Cranford.....	b
KOFF	Anaconda.....	b	KOLZ	Lake Getaway.....	b
KOFG	Auditor.....	b	KOM	Trontolite.....	b
KOFH	Dean Emery.....	b	KOMB	Lake Gert.....	b
KOFI	H. F. Morse.....	b	KOMC	Lake Flattery.....	b
KOFK	Elkton.....	b	KOMD	Deuel.....	b
KOFL	Chepaco.....	b	KOMF	Bartholomew.....	b
KOFL	Lake Ellithorpe.....	b	KOMG	Whitemarsh.....	b
KOFN	Cockaponset.....	b	KOMK	Lycoming.....	b
KOFP	Lake Ellsbury.....	b	KOML	J. R. Gordon.....	b
KOFQ	Lake Elmhurst.....	b	KOMM	Scottsburg.....	b
KOFR	Basford.....	b	KOMN	San Antonio.....	b
KOFS	Bascoel.....	b	KOMP	Coahoma County.....	b
KOFT	Bensalem.....	b	KOMQ	Afoundria.....	b
KOFV	Lake Elpueblo.....	b	KOMR	Ashland County.....	b
KOFX	Cook.....	b	KOMS	Henry County.....	b
KOFZ	Coquit.....	b	KOMT	Efina.....	b
KOGB	Independent Bridge.....	b	KOMV	Montague.....	b
KOGC	Lackawanna Bridge.....	b	KOMX	Peekskill.....	b
KOQD	Moosehausic.....	b	KOMZ	Coskata.....	b
KOGF	Kootenai.....	b	KONB	Cushnet.....	b
KOGJ	Nockum.....	b	KONC	Cuttyhunk.....	b
KOGK	Escambia.....	b	KOND	Indiana Bridge.....	b
KOGL	West Ira.....	b	KONG	Margus.....	b
KOGM	Storm King.....	b	KONJ	Massillon Bridge.....	b
KOGN	Brave Coeur.....	b	KONK	Northwestern Bridge.....	b
KOGP	Hadnot.....	b	KONL	Fargo.....	b
KOGO	Irvington.....	b	KONM	La Crosse.....	b
KOGR	Lake Fairport.....	b	KONN	Sioux Falls.....	b
KOGB	Lake Flatonia.....	b	KONP	Lansdowne.....	b
KOGT	Lake Flanders.....	b	KONQ	Andrew Jackson.....	b
KOGV	Lake Gebhart.....	b	KONR	Antietam.....	b
KOGX	Merry Mount.....	b	KONS	Lake Strymon.....	b
KOGZ	Commissioner.....	b	KONT	Lake Elsmere.....	b
KOH	Glennpool.....	b	KONV	Lake Filbert.....	b
KOI	Polarine.....	b	KONX	Detroit-Wayne.....	b
KOJB	York Harbor.....	b	KONZ	City of Alton.....	b
KOJD	Sinsinawa.....	b	KOPB	Lake Fernalda.....	b
KOJF	Montana.....	b	KOPC	Bavington.....	b
KOJG	Jacksonville.....	b	KOPD	Dannedaiko.....	b
KOJJ	Lake Galata.....	b	KOPF	Massick.....	b
KOJK	Hanover.....	b	KOPG	Minnewawa.....	b
KOJL	Cripple Creek.....	b	KOPJ	Terre Haute.....	b
KOJM	Lake Onawa.....	b	KOPK	Circinus.....	b
KOJP	Lake Favonia.....	b	KOPL	Corvus.....	b
KOJQ	Lake Fitch.....	b	KOPM	Nika.....	b
KOJR	Chickasaw.....	b	KOPN	Wasagya.....	b
KOJS	Magnerie.....	b	KOPP	Eastern Breeze.....	b
KOJT	Lake Galien.....	b	KOPQ	Bellflower.....	b
KOJV	Portsmouth.....	b	KOPR	Kearny.....	b
KOJX	Lake Galewood.....	b	KOPS	Coolcha.....	b
KOJZ	Lake Gaither.....	b	KOPT	Eglantine.....	b
KOKC	Northern Star.....	b	KOPV	Lake Fillion.....	b
KOKD	Bellerose.....	b	KOPZ	Centaurus.....	b
KOKF	Bellepline.....	b	KOQB	Clauseus.....	b
KOKG	Moositauka.....	b	KOQC	Hagan.....	b
KOKK	Iceland.....	b	KOQD	Hagood.....	b
KOKM	Daniel Webster.....	b	KOQF	Tri Mountain.....	b
KOKN	Potomac.....	b	KOQG	Lake Elmont.....	b
KOKP	Crisfield.....	b	KOQJ	Casey.....	b
KOKQ	Paria.....	b	KOQL	Coldbrook.....	b
KOKR	Inspector.....	b	KOQL	George C. Greer.....	b
KOKS	Lake Gera.....	b	KOQM	Standtug No. 1.....	b
KOKT	Bethnor.....	b	KOQP	McCreary County.....	b
KOKV	Kaleen.....	b	KOQQ	West Ivis.....	b
KOKX	Kolda.....	b	KOQS	Egremont.....	b
KOKZ	Lake Fithian.....	b	KOQT	Quinnipiac.....	b
KOL	Mount Hope.....	b	KOQV	Caldas.....	b
KOLB	Aryan.....	b	KOQX	Nipmuc.....	b
KOLC	Orient.....	b	KOQZ	Kaysseka.....	b
KOLD	Antonia.....	b	KORB	West Mingo.....	b
KOLJ	Lake Faxon.....	b	KORC	Macomet.....	b
KOLK	Lake Felden.....	b			

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

Call signal.	Station.	Call signal.	Station.		
KORD	Sundance.....	b	KOXX	Roanoke.....	b
KORF	Noccalula.....	b	KOXX	Steelmaker.....	b
KORG	Cethana.....	b	KOZX	Steel Age.....	b
KORJ	Challamba.....	b	KOY	Herbert L. Pratt.....	b
KORK	Dryden.....	b	KOZ	Miami.....	b
KORL	Haleakala.....	b	KOZB	City of Omaha.....	b
KORM	Jadden.....	b	KOZC	City of Los Angeles.....	b
KORP	Monomac.....	b	KOZD	Rockport.....	b
KORQ	Bogota.....	b	KOZF	Tenafly.....	b
KORS	Manham.....	b	KOZG	Moravia Bridge.....	b
KORT	Hancock County.....	b	KOZJ	West Niger.....	b
KORV	Wildwood.....	b	KOZK	West Hika.....	b
KORX	Cliffwood.....	b	KOZL	Quaker City.....	b
KOS	Lake Saba.....	b	KOZM	Miskianza.....	b
KOSC	Tenakee, Alaska.....	c	KOZN	Minooka.....	b
KOSD	Nile.....	b	KOZP	Vigilant.....	b
KOSF	Monroe.....	b	KOZQ	City of Berkeley.....	b
KOSJ	Danville.....	b	KOZR	Culburra.....	b
KOSL	West Kader.....	b	KOZS	West Ivan.....	b
KOSM	City of St. Joseph.....	b	KOZT	Lake Elmwood.....	b
KOSN	John Roach.....	b	KOZV	William H. Webb.....	b
KOSQ	Lake Treba.....	b	KOZX	Norumbega.....	b
KOSR	Lake Elsie.....	b	KOZZ	Collamer.....	b
KOSS	John Adams.....	b	KPAA	Point Judith.....	b
KOST	Chester Valley.....	b	KPB	Amuguis, P. I.....	c
KOSV	Kenowis.....	b	KPC	Batangas, P. I.....	c
KOSX	Hartford.....	b	KPD	W. H. Tilford.....	b
KOT	Kanak.....	b	KPE	Seattle, Wash.....	c
KOTB	Lake Falun.....	b	KPF	General O. H. Ernst.....	b
KOTD	Cross Keys.....	b	KPG	General H. F. Hodges.....	b
KOTF	Mitchell.....	b	KPH	Bolinas, Calif.....	c
KOTG	West Jena.....	b	KPI	Cebu, P. I.....	c
KOTJ	Lake Slavi.....	b	KPJ	Culion, P. I.....	c
KOTK	West Neris.....	b	KPK	Standtow No. 2.....	b
KOTL	Vinita.....	b	KPL	Moonlite.....	b
KOTM	Robin Hood.....	b	KPM	Iloilo, P. I.....	c
KOTN	West Hesseltine.....	b	KPN	Isabela de Basilan, P. I.....	c
KOTP	Wisla.....	b	KPP	Dawnlite.....	b
KOTQ	Red Mountain.....	b	KPQ	Sunlite.....	b
KOTR	West Montop.....	b	KPR	Daylite.....	b
KOTT	Lake Fenn.....	b	KPS	Benjamin Brewster.....	b
KOTV	Franklin County.....	b	KPT	Achilles.....	b
KOTX	Delanson.....	b	KPU	Ulysses.....	b
KOTZ	Benowa.....	b	KPV	Malangas, P. I.....	c
KOU	Tidewater.....	b	KPW	Malita, P. I.....	c
KOV	Kwiguk Slough, Alaska.....	c	KPX	Port Lebak, P. I.....	c
KOVb	Gullfrade.....	b	KPY	San Francisco, P. I.....	c
KOVc	Lake Tippah.....	b	KPZ	Mati, P. I.....	c
KOVd	Maquan.....	b	KQA	Harry Farnum.....	b
KOVf	Amcross.....	b	KQB	W. L. Connelly.....	b
KOVg	Lake Elmsford.....	b	KQC	Cretan.....	b
KOVj	Dilworth.....	b	KQD	Dorchester.....	b
KOVl	Lake Fandango.....	b	KQE	Essex.....	b
KOVm	Robin Adair.....	b	KQE O	Lake Charlotte.....	b
KOVn	E. A. Morse.....	b	KQF	Gene Crawley.....	b
KOVp	Georgian.....	b	KQG	Gloucester.....	b
KOVq	Elfay.....	b	KQH	Howard.....	b
KOVR	Abercos.....	b	KQIE	Farnam.....	b
KOVs	Lake Fandon.....	b	KQII	Santa Olivia.....	b
KOVT	Coeur D'Alene.....	b	KQIO	Deranof.....	b
KOVv	Coellega.....	b	KQIU	West Ekonk.....	b
KOVx	Tampa.....	b	KQJ	Juniata.....	b
KOVz	I. J. Merritt.....	b	KQK	Kershaw.....	b
KOW	Mascotte.....	b	KQM	Merrimack.....	b
KOX	Henry M. Flagler.....	b	KQN	Nantucket.....	b
KOXB	Haslehurst.....	b	KQO	Ontario.....	b
KOXC	Suwied.....	b	KQOA	Anacortes.....	b
KOXD	Tashmoo.....	b	KQOE	Delight.....	b
KOXF	Tekoa.....	b	KQOI	Western Light.....	b
KOXG	Toledo Bridge.....	b	KQOO	Western Maid.....	b
KOXj	Tona.....	b	KQQ	Quantico.....	b
KOXk	Tonesit.....	b	KQR	Grecian.....	b
KOXl	Tuladi.....	b	KQS	Washington Bay, Alaska.....	c
KOXM	Vincennes Bridge.....	b	KQU	Ruth E. Merril.....	b
KOXN	Pirate Cove, Alaska.....	c	KQUA	Allies.....	b
KOXP	Von Steuben.....	b	KQUE	Lancaster.....	b
KOXR	Tampico.....	b	KQUO	Lake Chelan.....	b
KOXs	West Jessup.....	b	KQUU	West Gambo.....	b
KOXT	Robin Gray.....	b	KQX	Persian.....	b

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

Call signal.	Station.	Call signal.	Station.
KQZ	City of Rome.....b	KSZ	Cora F. Cressy.....b
KRA	Freeport Sulphur No. 1.....b	KTAA	Alloway.....b
KRAA	West Coast.....b	KTAI	Lake Elkko.....b
KRAE	Mauban.....b	KTAO	Lake Frances.....b
KRB	(Governor Cobb.....b	KTAU	Eastern Star.....b
KRC	Camden.....b	KTB	Gulfstream.....b
KRE	Belfast.....b	KTC	Shenango.....b
KREA	Cape Roman.....b	KTD	Ilgonier.....b
KREE	Gulport.....b	KTE	Winifred.....b
KREI	Lake Washburn.....b	KTEA	Eastern Sea.....b
KREO	Lake Mary.....b	KTEE	Western Cross.....b
KRF	Ransom B. Fuller.....b	KTEI	Winnebago.....b
KRG	Freeport Sulphur No. 2.....b	KTF	J. M. Guffey.....b
KRH	City of Bangor.....b	KTG	Gulfoil.....b
KRI	City of Rockland.....b	KTH	Robert P. Clark.....b
KRIA	Lake Daraga.....b	KTI	Brilliant.....b
KRII	Lake Elsinore.....b	KTIE	Eastern Sun.....b
KRIU	Liberator.....b	KTIO	Fresno.....b
KRJ	Relief.....b	KTIU	Lake Blanchester.....b
KRK	Oswego.....b	KTI	Comet.....b
KRL	Kiowa.....b	KTL	Rayo.....b
KRM	Resolute.....b	KTM	Ecene.....b
KRN	Calvan Austin.....b	KTN	Perfection.....b
KRO	Brammell Point.....b	KTO	John D. Rockefeller.....b
KROE	Aniwa.....b	KTOA	Lake Narka.....b
KROI	Wampum.....b	KTOE	Mary.....b
KROO	Wassac.....b	KTOI	Catherine.....b
KROU	Garibaldi.....b	KTOO	Lake Yemassee.....b
KRR	Manitowoc.....b	KTOU	Lake Markham.....b
KRS	C. A. Snider.....b	KTP	James McGee.....b
KRS	Paulsboro.....b	KTQ	City of Everett.....b
KRT	San Francisco.....b	KTR	Radiant.....b
KRU	Ferdonian.....b	KTS	Vosta.....b
KRUI	Santa Flavia.....b	KTT	Paraguay.....b
KRUO	Wakulla.....b	KTU	Sun.....b
KRUU	Socony 88.....b	KTUA	Lake Ledan.....b
KRV	Governor Dingley.....b	KTUE	Lake Bledsoe.....b
KRW	Sierra.....c	KTUI	Lake Pepin.....b
KRX	Chichagof, Alaska.....b	KTUO	Sagadahoc.....b
KRZ	Sudbury.....b	KTUU	Lake Pachuta.....b
KSA	Standard II.....b	KTV	Ducino.....b
KSA A	Socony 69.....b	KTX	Socony.....b
KSAE	Rose Mahoney.....b	KTY	W. C. Teagle.....b
KSAO	Lake Conesus.....b	KTZ	Brindilla.....b
KS	J. E. O'Neil.....b	KUA	Gulflight.....b
KS B	Shipping Board vessels (general call for all vessels).....b	KUB	Gulfmaid.....b
KS B V		KUBB	Cold Harbor.....b
KSEA	Abscon.....b	KUBD	Claremont.....b
KSEE	Mineola.....b	KUBF	San Diego.....b
KSEI	Eastern Chief.....b	KUBG	Betterton.....b
KSEU	Jonancy.....b	KUBJ	Liberty Minquas.....b
KSF	Finland.....b	KUBK	Bearport.....b
KS G	Baton Rouge.....b	KUBL	Pawlet.....b
KS H	Kroonland.....b	KUBM	St. Anthony.....b
KS I	H. H. Rogers.....b	KUBN	Robin Goodfellow.....b
KS IE	Glen White.....b	KUBP	City of Alma.....b
KS II	Lake Catherine.....b	KUBR	Lake Elva.....b
KS IU	Lake Benton.....b	KUBS	Indiana Harbor.....b
KS J	Security.....b	KUBT	Lake Feodora.....b
KS K	Caddo.....b	KUBV	Higo.....b
KSM	Philadelphia.....b	KUBX	Kogglung (moored vessel).....c
KSN	New York.....b	KUC	Gulf of Mexico.....b
KSO	St. Paul.....b	KUCB	New England.....b
KSO A	Polar Sea.....b	KUC C	Plow City.....b
KSOC	Standard Oil Co. vessels (general call for all vessels).....b	KUCD	Riverside Bridge.....b
KSOE	Lake Eckhart.....b	KUCF	Virginia Bridge.....b
KS O I	Lake Wimico.....b	KUCG	Des Moines Bridge.....b
KS O O	Lake Duncan.....b	KUCJ	Holyoke Bridge.....b
KS O U	Bylayl.....b	KUCK	Wauwatosa.....b
KSP	Caloria.....b	KUCM	Lake Ikatan.....b
KS Q	Charles Pratt.....b	KUCN	Eastern Guide.....b
KSR	Bayway.....b	KUCP	Chisk Island, Alaska.....c
KST	Princeton.....b	KUCQ	City of Alameda.....b
KSU	Somerset.....b	KUCR	Lake Glidings.....b
KSU A	F. D. Asche.....b	KUCS	City of Sherman.....b
KSV	Standard Arrow.....b	KUCV	City of Flint.....b
KSW	Royal Arrow.....b	KUCX	Coldwater.....b
KSX	Sylvan Arrow.....b	KUCZ	Bridgetown.....b
KSY	Broad Arrow.....b	KUD	Gulfland.....b
		KUDC	Tuscan.....b

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

Call signal.	Station.	Call signal.	Station.		
KUDD	Argon.....	b	Darien.....	b	
KUDG	West Jester.....	b	Eastern Pilot.....	b	
KUDK	West Cadron.....	b	Eastern Trader.....	b	
KUDL	Willbolo.....	b	Donald McKay.....	b	
KUDM	Lake Elwin.....	b	Ario.....	b	
KUDN	American Press.....	b	Aricpa.....	n	
KUDP	Cloutarf.....	b	Toepi.....	b	
KUDQ	West Himrod.....	b	Outagamie.....	b	
KUDR	Davenport.....	b	Commack.....	b	
KUDS	Rushville.....	b	San Juan.....	b	
KUDT	Pilot Point, Alaska.....	e	Otho.....	b	
KUDV	Becharof, Alaska.....	e	Lyndonia.....	b	
KUDX	Eastern Meon.....	b	Texas.....	b	
KUDZ	Eastern Gale.....	b	Lake Ganado.....	b	
KUE	Gulfcoast.....	b	Utacarbon.....	b	
KUF	Mundeta.....	b	Dunsvye.....	b	
KUPB	Eastern Knight.....	b	Homer.....	b	
KUFC	Lake Floravista.....	b	Freeport Sulphur No. 5.....	b	
KUPD	Lake Florian.....	b	Oklahoma City.....	b	
KUFF	Lake Floris.....	b	West Calera.....	b	
KUFG	Lake Flournoy.....	b	Portola Plumas.....	b	
KUFJ	West Nilus.....	b	Colthraps.....	b	
KUFK	Haiti.....	b	Atlantic Sun.....	b	
KUFN	Steel Voyager.....	b	Solitaire.....	b	
KUPF	Bethlehem Shipbuilding Corporation.....	b	Lake Glaucus.....	b	
KUFR	West Campgaw.....	b	Lake Flag.....	b	
KUFZ	Oss.....	b	Lake Hector.....	b	
KUG	Munplace.....	b	Neptune.....	b	
KUGB	Eastern Mariner.....	b	Lake Harminia.....	b	
KUGC	Boobyalla.....	b	Lake Gunni.....	b	
KUGD	Clearwater.....	b	Eastern Glade.....	b	
KUGG	Clemence C. Morse.....	b	Eastern Ocean.....	b	
KUOK	Stoux City.....	b	Union Liberty.....	b	
KUOL	Lake Galisteo.....	b	Evergreen City.....	b	
KUOM	Ripon.....	b	Neshobee.....	b	
KUON	Lake Haresti.....	b	Oronoke.....	b	
KUPP	Seminole.....	b	Wheeling Mold.....	b	
KUGQ	Star of Holland.....	b	Jennie E. Morse.....	b	
KUGR	Summerleaf.....	b	Freeport Sulphur No. 6.....	b	
KUGS	Blue Triangle.....	b	Eastern Crown.....	b	
KUGT	Jomar.....	b	Eastern Victor.....	b	
KUGV	Willhilo.....	b	City of Vernon.....	b	
KUGX	Mason City.....	b	George B. Mackenzie.....	b	
KUGZ	Lillian.....	b	Winonia.....	b	
KUH	Munwood.....	b	Chickasaw City.....	b	
KUI	Munamar.....	b	Pennsylvania.....	b	
KUJ	Mundale.....	b	Italia.....	b	
KUJB	The Angeles.....	b	Eastern Planet.....	b	
KUJC	Bayport.....	b	Hahatonka.....	b	
KUJF	Karhonkson.....	b	Greenland.....	b	
KUJK	Havilah.....	b	West Cahokia.....	b	
KUJP	Hutchinson.....	b	Darden.....	b	
KUJQ	Ethan Allen.....	b	Conness Peak.....	b	
KUJR	City of Joliet.....	b	Patrick Henry.....	b	
KUJS	Winston-Salem.....	b	Capillo.....	b	
KUJT	Eastern Belle.....	b	Cubore.....	b	
KUJV	Eastern Crag.....	b	Naugus.....	b	
KUJX	Liberty Bell.....	b	Waterbury.....	b	
KUJZ	Quabbin.....	b	Kehuku.....	b	
KUK	Munsomo.....	b	Hawarden.....	b	
KUKC	Schnykill Bridge.....	b	Maine.....	b	
KUKD	East Chicago.....	b	Fueloil.....	b	
KUKF	Fort Armstrong.....	b	Panoil.....	b	
KUKG	Anthracite Bridge.....	b	Crudoil.....	b	
KUKJ	West Jappa.....	b	Martha Washington.....	b	
KUKK	Noddle Island.....	b	Padnsay.....	b	
KUKL	Pittsburgh Bridge.....	b	West Nivaria.....	b	
KUKM	Tancarville.....	b	West Keats.....	b	
KUKN	Louise.....	b	Martinique.....	b	
KUKP	Mohinkis.....	b	Las Vegas.....	b	
KUKR	Latham.....	b	J. F. Penrose.....	b	
KUKS	Eastern Merchant.....	b	Unicoi.....	b	
KUKT	Conejos.....	b	Conehatta.....	b	
KUKV	West Hixtow.....	b	Everett.....	b	
KUKX	Callingsworth.....	b	Margaret.....	b	
KUL	Louisiana.....	b	Eastern Dawn.....	b	
KULB	Pinellas.....	b	Juigny.....	b	
KULC	Chickamauga.....	b	Montfaucon.....	b	
KULD	Lake Goyser.....	b	Georgia.....	b	
KULF	Fishkill.....	b	KURB	Hinckley.....	b

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

Call signal.	Station.	Call signal.	Station.		
KURC	Cathwood.....	b	KUZ	Coastwise.....	b
KURD	Arcturus.....	b	KUZB	Cristina.....	b
KURF	Chappaqua.....	b	KUZC	Hahira.....	b
KURG	Artigas.....	b	KUZD	Jim Sid.....	b
KURJ	J. L. Reiss.....	b	KUZF	Suholco.....	b
KURL	John R. Gibbons.....	b	KUZG	Sutranco.....	b
KURM	Eastern Admiral.....	b	KUZJ	Suelco.....	b
KURN	Manatee.....	b	KUZK	Suportco.....	b
KURP	Salaam.....	b	KUZL	Anahuac.....	b
KURR	Henry Steers.....	b	KUZM	Quillwark.....	b
KURS	Pilgrim.....	b	KUZN	Pansa.....	b
KURT	Brookline.....	b	KUZP	Hayden.....	b
KURV	Ohonkara.....	b	KUZQ	Salina.....	b
KURX	Eastern Coast.....	b	KUZR	Capulin.....	b
KURZ	Subotco.....	b	KUZS	Ensley City.....	b
KUSB	Suedco.....	b	KUZT	Eastern Sailor.....	b
KUSC	Smelseco.....	b	KUZV	Dungannon.....	b
KUSD	City of Honolulu.....	b	KUZX	Carib.....	b
KUSF	Capital of Nebraska.....	b	KUZZ	Cayo Mambi.....	b
KUSG	West Nomentum.....	b	KVA	Apache.....	b
KUSJ	Occidental.....	b	KVA A	Lake Oswega.....	b
KUSK	City of Reno.....	b	KVA E	Lake Benbow.....	b
KUSL	Pioneer.....	b	KVA I	Socony 82.....	b
KUSM	John F. Hylan.....	b	KVA O	Socony 83.....	b
KUSN	Aquarius.....	b	KVB	Arapahoe.....	b
KUSP	Crown City.....	b	KVC	Comanche.....	b
KUSQ	Eastern Cloud.....	b	KVD	Munrio.....	b
KUSR	Nemaha.....	b	KVE	Munindies.....	b
KUST	West Camak.....	b	KVE I	West Galoc.....	b
KUSX	Baccarat.....	b	KVF	Iroquois.....	b
KUSZ	Adria.....	b	KVG	Chestnut Hill.....	b
KUT	Pan-American.....	b	KVH	Huron.....	b
KUTB	Haxtum.....	b	KVI	Unga, Alaska.....	c
KUTC	West Mahwah.....	b	KVII	Montclair.....	b
KUTD	Anna E. Morse.....	b	KVIO	Lake Pearl.....	b
KUTF	Eastern Maid.....	b	KVIU	Allentown.....	b
KUTG	Delrosa.....	b	KVJ	Walter D. Munson.....	b
KUTJ	Pallas.....	b	KVK	Cherokee.....	b
KUTK	City of Lordsburg.....	b	KVL	Lenape.....	b
KUTM	John P. Reiss.....	b	KVM	Mohawk.....	b
KUTP	Canco.....	b	KVN	Tanamo.....	b
KUTQ	Iroquois.....	b	KVO	Sagua.....	b
KUTR	Springfield.....	b	KVO E	Lake Garza.....	b
KUTS	Vacuum.....	b	KVO I	Lake Gaspar.....	b
KUTT	Birmingham City.....	b	KVO O	Lake Yelverton.....	b
KUTV	Lake Furnas.....	b	KVO U	Lake Gakona.....	b
KUTX	Richconcal.....	b	KVP	Charles Braley.....	b
KUTZ	Rochester.....	b	KVR	Elinor.....	b
KUU	Brabant.....	b	KVS	Gulf Queen.....	b
KUV	Virginia.....	b	KVT	Los Angeles, Calif.....	c
KUVB	Eastern Glen.....	b	KVU	San Diego, Calif.....	c
KUVC	City of Weatherford.....	b	KVU A	Lake Ormoc.....	b
KUVD	Argus.....	b	KVU E	Lake Akkra.....	b
KUVF	Sebonac.....	b	KVU O	Lake Gedney.....	b
KUVG	Eastern Tempest.....	b	KVU U	Lake Hewes.....	b
KUVJ	Agron.....	b	KVV	Koggiung, Alaska.....	c
KUVK	Steel Mariner.....	b	KVW	Seattle, Wash.....	c
KUVL	Steel Trader.....	b	KVX	Allaguash.....	b
KUVP	Hastnai.....	b	KVY	William Isom.....	b
KUVQ	Johnswood, Mich.....	c	KVZ	Relay.....	b
KUVR	Jordan, Mont.....	c	KWA	Mt. Vernon Bridge.....	b
KUVS	New York, N. Y.....	c	KWB	Fort Pitt Bridge.....	b
KUVT	Jolee.....	b	KWC	Morro Castle.....	b
KUVV	Cardonia.....	b	KWD	Antilla.....	b
KUVX	Half Moon.....	b	KWE	Santiago.....	b
KUVZ	West Norranus.....	b	KWF	Cauto.....	b
KUW	New York.....	b	KWI	Canaguey.....	b
KUX	Munalbro.....	b	KWJ	Yucca.....	b
KUXB	West Hollbrook.....	b	KWK	W. B. Keene.....	b
KUXC	San Pasqual.....	b	KWL	Yadkin.....	b
KUXD	Cuyamaca.....	b	KWM	Panuco.....	b
KUXF	Loretta.....	b	KWN	Guantanamo.....	b
KUXM	Cheboygan, Mich.....	c	KWO	Port Beauclaire, Alaska.....	c
KUXN	Miles City, Mont.....	c	KWP	Sunoil.....	b
KUXP	Dallas, Tex.....	c	KWQ	Saltchuck, Alaska.....	c
KUXQ	Wichita Falls, Tex.....	c	KWR	Port Moller, Alaska.....	c
KUXR	John Jay.....	b	KWS	Lost Harbor, Alaska.....	c
KUXT	Long Beach, Calif.....	c	KWT	Palo Alto, Calif.....	c
KUXV	Pedrocity, Calif.....	c	KWU	Katrina Luckenbach.....	b
KUXZ	Honnedaga.....	b			

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

Call signal.	Station.	Call signal.	Station.		
KWV	Sacramento.....	b	KZEA	Kaketticut.....	b
KWV	Radioville, Alaska.....	b	KZEE	Lake Berdan.....	b
KWX	Mexico.....	b	KZEI	Lake Dyrner.....	b
KWY	Monterey.....	b	KZEO	Lake Dancy.....	b
KWZ	Esperanza.....	b	KZEU	Lake Agomak.....	b
KXA	Boston.....	b	KZF	Edith.....	b
KXAA	Lake Alvada.....	b	KZG	Carolyn.....	b
KXAE	Lake Delancey.....	b	KZH	Helen.....	b
KXAI	Lake Galera.....	b	KZIA	Lake Aurico.....	b
KXAO	Lake Otsquago.....	b	KZIE	Lake Winooski.....	b
KXAU	Lake Harris.....	b	KZII	Lake Belnona.....	b
KXB	City of Lowell.....	b	KZIO	Lake Liliusun.....	b
KXC	Commonwealth.....	b	KZIU	Sagaporack.....	b
KXE	Mohawk.....	b	KZJ	Jean.....	b
KXEA	Lake Pleasant.....	b	KZK	Hilton.....	b
KXEE	Lake Marion.....	b	KZL	Halcyon.....	b
KXEI	Lake Sanford.....	b	KZO	Margaret.....	b
KXEO	Lake Gardner.....	b	KZOA	Lako Medford.....	b
KXEU	Lakeville.....	b	KZOE	Lake Arline.....	b
KXF	New Hampshire.....	b	KZOI	Lake Helen.....	b
KXG	Archer.....	b	KZOO	Lake Indian.....	b
KXH	Plymouth.....	b	KZOU	Lake Orange.....	b
KXI	Priscilla.....	b	KZP	Evelyn.....	b
KXIE	Calaveras.....	b	KZQ	Ruth.....	b
KXII	Callicorock.....	b	KZR	Remlik III.....	b
KXIO	Calispell.....	b	KZS	Santanta.....	b
KXIU	Lake Calistoga.....	b	KZT	Everett.....	b
KXJ	Providence.....	b	KZU	United States.....	b
KXK	Funter, Alaska.....	c	KZUE	Kosciuszko.....	b
KXL	City of Taunton.....	b	KZU	Lake Louise.....	b
KXM	Mohegan.....	b	KZW	Melrose.....	b
KXN	New Haven.....	b	KZX	Newton.....	b
KXO	City of Brockton.....	b	WAA	Alameda.....	b
KXOA	Star of Lapland.....	b	WAAI	Pike, Ky.....	c
KXOE	Severance.....	b	WAB	Saugerties.....	b
KXOI	Standard.....	b	WAC	Chicago.....	b
KXOU	Lake Lesa.....	b	WAD	Victoria.....	b
KXP	Peguonnock.....	b	WAE	Ketchikan.....	b
KXQ	Chester W. Chapin.....	b	WAF	Admiral Farragut.....	b
KXR	Richard Peck.....	b	WAG	Admiral Sebree.....	b
KXT	Nebraskan.....	b	WAI	Latouche.....	b
KXU	Westfield.....	b	WAJ	Jefferson.....	b
KXUA	Lake Geneva.....	b	WAK	Valdez.....	b
KXUE	Eastern Queen.....	b	WAL	Santa Ana.....	b
KXUI	Lake Lillian.....	b	WAM	Juneau.....	b
KXUO	Admiral Sims.....	b	WAN	Northwestern.....	b
KXV	Nelson Lagoon, Alaska.....	c	WAO	Rajah.....	b
KXW	Ikatan, Alaska.....	b	WAP	Lake Crescent.....	b
KXY	Stephen R. Jones.....	b	WAQ	Democracy.....	b
KXZ	Lewis K. Thurlow.....	b	WAR	Cordova.....	b
KYA	Felix Taussig.....	b	WAS	Chester Sun.....	b
KYB	Kanawha.....	b	WAT	Skagway.....	b
KYC	North Wind.....	b	WAU	Point Loma.....	b
KYD	Corsair.....	b	WAV	Philippines.....	b
KYE	Mount Baker.....	b	WAY	Admiral Watson.....	b
KYF	Casiana.....	b	WAY	Admiral Dewey.....	b
KYH	Aloha.....	b	WAZ	Admiral Schley.....	b
KYK	Karluik, Alaska.....	c	WBA	Santa Clara.....	b
KYL	Alitak, Alaska.....	c	WBAI	Hellron.....	b
KYM	Armenia.....	b	WBAK	Harrisburg, Pa.....	c
KYO	Noma.....	b	WBAL	Savannah, Ga.....	c
KYP	Oneida.....	b	WBAR	Orange, Tex.....	c
KYQ	Honolulu, Hawaii.....	c	WBAS	Orange Field, Tex.....	c
KYR	Undaunted.....	b	WBAT	Tulsa, Okla.....	c
KYS	Yosemite.....	b	WBB	Santa Cecilia.....	b
KYT	Redondo.....	b	WBC	New York, N. Y. (Babylon).....	c
KYU	Mohawk.....	b	WBD	Santa Cruz.....	b
KYV	Ascutney.....	b	WBE	Cacique.....	b
KYX	Wana.....	b	WBF	Boston, Mass.....	c
KYZ	Thorobred.....	b	WBG	Venezuela.....	b
KZA	Alberta.....	b	WBH	Colombia.....	b
KZAA	Middlebury.....	b	WBIA	Chipchung.....	b
KZAE	Lake Linden.....	b	WBJ	Santa Barbara.....	b
KZAI	Lake Winthrop.....	b	WBK	Saucon.....	b
KZAU	Lake Wilson.....	b	WBM	Redondo.....	b
KZAU	Lake Yahara.....	b	WBN	Ecuador.....	b
KZB	Alicia.....	b	WBO	Santa Rosa.....	b
KZD	Cornelia.....	b	WBP	Hermosa.....	b

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

Call signal.	Station.	Call signal.	Station.		
WBQ	Santa Paula.....	b	WEA	City of Cleveland III.....	b
WBR	Santa Rita.....	b	WEC	City of Detroit II.....	b
WBUA	Lake Gravelly.....	b	WED	Western States.....	b
WBUE	Lake Greenbrier.....	b	WEE	Eastern States.....	b
WBUI	Lake Gretna.....	b	WEF	City of Detroit III.....	b
WBUI	Lake Grogan.....	b	WEG	City of St. Ignace.....	b
WBUI	Lake Forney.....	b	WEH	Tulsa, Okla.....	c
WBV	Cabrillo.....	b	WEI	E. J. Earling.....	b
WBW	Burrwood, La.....	c	WEJ	Samuel Mitchell.....	b
WBX	Santa Ana.....	b	WEK	Minnesota.....	b
WBY	Lima, Ohio.....	b	WEL	C. A. Smith.....	b
WCA	Tionesta.....	b	WEM	Susquehanna.....	b
WCAA	Tralee, W. Va.....	c	WEN	North American.....	b
WCAF	Rogers, Mich.....	c	WEO	South American.....	b
WCC	Marion, Mass.....	b	WEP	Western King.....	b
WCD	Octorara.....	b	WEQ	Montrolite.....	b
WCCE	Kuwa.....	b	WER	Puget Sound.....	b
WCF	Favorite.....	b	WES	Point Adams.....	b
WCG	New York, N. Y.....	b	WET	West Gotomska.....	b
WCH	Huron.....	c	WEU	Western Star.....	b
WCI	Barneget, N. J. (Tuckerton).....	b	WEX	Marquette & Bessemer No. 2.....	b
WCIA	Bellingham.....	b	WEZ	Ashtabula.....	b
WCIE	Eastport.....	b	WFA	Georgia.....	b
WCII	Invincible.....	b	WFAE	West Gateta.....	b
WCIO	Lake Lemando.....	b	WFAI	West Hobomac.....	b
WCIU	Nalwa.....	b	WFAO	Volunteer.....	b
WCL	Westchester.....	b	WFB	Alabama.....	b
WCO	Wyandotte.....	b	WFC	Indiana.....	b
WCOE	Socony 84.....	b	WFD	Flat Rock, Mich.....	c
WCOI	Socony 92.....	b	WFE	Carolina.....	b
WCOO	Liberty.....	b	WFEA	Eastern King.....	b
WCOU	Lake Kyttille.....	b	WFEE	Winding Gulf.....	b
WCP	Casco.....	b	WFEL	West Hosokie.....	b
WCQ	Negley, Ohio.....	c	WFEO	Westport.....	b
WCR	The Harvester.....	b	WFEU	Matanzas.....	b
WCS	Alpena.....	b	WFF	Franklin.....	b
WCT	Theodore Roosevelt.....	b	WFG	Arizona.....	b
WCU	Conneaut.....	b	WFH	Avalon.....	b
WCUA	Lake Forsby.....	b	WFIA	Western Hope.....	b
WCUE	Lake Fossil.....	b	WFII	Major Wheeler.....	b
WCUI	Lake Franconia.....	b	WFJ	Christopher Columbus.....	b
WCUI	Lake Fray.....	b	WFK	Frankfort, Mich.....	c
WCV	Fort Worth, Tex.....	c	WFL	Lake Arthur.....	b
WCW	Woonsocket.....	b	WFM	Mexia, Tex.....	c
WCY	Cape May, N. J.....	c	WFN	Lake Butler.....	b
WCZ	Illinois.....	b	WFOA	Hickman.....	b
WDA	Pere Marquette.....	b	WFOE	Lewis Luckenbach.....	b
WDB	Pere Marquette 19.....	b	WFOI	Manhattan Island.....	b
WDC	Pere Marquette 17.....	b	WFOO	William N. Page.....	b
WDD	Pere Marquette 18.....	b	WFOU	Phoenix Bridge.....	b
WDE	Pere Marquette 20.....	b	WFP	City of Erie.....	b
WDEI	Crawl Keys.....	b	WFR	City of Buffalo.....	b
WDEO	Steadfast.....	b	WFS	State of Ohio.....	b
WDEU	Bayamo.....	b	WFT	Seeandbee.....	b
WDF	Glendaruel.....	b	WFT	Charles O. Jenkins.....	b
WDG	Otsego.....	b	WFU	F. B. Squire.....	b
WDH	Petoskey.....	b	WFAA	Lake Frezeout.....	b
WDI	City of Miami.....	b	WFUE	Lake Frenchton.....	b
WDIA	South Pole.....	b	WFUI	A. E. R. Schneider.....	b
WDIE	Wathena.....	b	WFUU	Oshkosh.....	b
WDII	Watowan.....	b	WVV	Str Thomas Shaughnessy.....	b
WDIO	Westmead.....	b	WFW	Manitou.....	b
WDIU	West View.....	b	WFX	Missouri.....	b
WDL	Lakeland.....	b	WFY	Sialia.....	b
WDN	Ann Arbor No. 3.....	b	WFZ	Coronado.....	b
WDO	Ann Arbor No. 4.....	b	WGA	City of Seattle.....	b
WDOA	Agwidale.....	b	WGAA	Englewood.....	b
WDOE	Auburn.....	b	WGAE	Galesburg.....	b
WDOI	Cape May.....	b	WGAI	Morristown.....	b
WDOO	Federal.....	b	WGAO	Shreveport.....	b
WDOU	Fort Wayne.....	b	WGB	Ornidale.....	b
WDP	Ann Arbor No. 5.....	b	WGC	W. F. White.....	b
WDQ	Ann Arbor No. 6.....	b	WGD	Oregon.....	b
WDR	Ruth Alexander.....	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	Nautalala.....	b
WDX	Lake Tulare.....	b	WGJ	Northland.....	b
			WGK	Curacao.....	b

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

Call signal.	Station.	Call signal.	Station.
WGN	Carl D. Bradley.....	WJUI	Cohasset.....
WGOE	Polar Bear.....	WJUO	Magunkook.....
WGOI	Sacarrappa.....	WJV	Guaro.....
WGOU	Waubesa.....	WJW	Wyandotte.....
WGOU	West Cressy.....	WKA	Alaskan.....
WGP	President.....	WKA E	Socony 85.....
WGQ	City of Puebla.....	WKAI	Lake Zalskd.....
WGS	Senator.....	WKA O	Lake Pickaway.....
WGT	Western Pride.....	WKA U	Lake Copley.....
WGUA	Oskawa.....	WKB	Arizonan.....
WGUI	Brandywine.....	WKD	Dakotan.....
WG X	Queen.....	WKE	Kentuckian.....
WGZ	Guardian.....	WKEA	Lake Deval.....
WHC	Columbia.....	WKEE	Lake Cahoon.....
WHE	Philadelphia, Pa.....	WKEI	Lake Ypsilanti.....
WHF	Callao.....	WKEO	Goodspeed.....
WHG	W. F. Burrows.....	WKF	American.....
WHH	Mount Shasta.....	WKG	S. M. Spalding.....
WHI	New York, N. Y.....	WKH	Norfolk, Nebr.....
WEJ	Gdansk.....	WKII	Eastern Light.....
WE L	Ventura.....	WKIO	Eastern Shore.....
WEM	Sonoma.....	WKIU	Eastern Cross.....
WEP	Point Arena.....	WKJ	Iowan.....
WHR	Abner Coburn.....	WKL	Mexican.....
WHS	Stanley Dollar.....	WKM	Minnesotan.....
WHV	Velero.....	WKO	Oregonian.....
WHY	Martinsville, Ill.....	WKO O	Connerville.....
WHZ	Johanna Smith.....	WKP	Pennsylvanian.....
WIA	Silver Shell.....	WKQ	Ohioan.....
WIB	Gold Shell.....	WKR	Panaman.....
WIC	Pearl Shell.....	WKS	West Arrow.....
WID	Charles E. Harwood.....	WKT	Texan.....
WIE	Edward L. Doheny.....	WKU	Hawaiian.....
WIF	Herbert G. Wylie.....	WKUI	Western Belle.....
WIG	Norman Bridge.....	WKU U	West Zeda.....
WIH	C. A. Canfield.....	WKV	Virginian.....
WII	(New Brunswick, N. J. (transmitting))	WKW	Absaroka.....
WIJ	Belmar, N. J. (receiving).....	WKX	Westward Ho.....
WIM	Edward L. Doheny, Junior.....	WKZ	Canoga.....
WIN	Chatham, Mass.....	WLA	Benj. F. Packard.....
WIO	Colusa.....	WLA A	Sarcoxe.....
WIQ	Fort Morgan, Ala.....	WLA E	Barlow.....
WIS	Frederic R. Kellogg.....	WLA I	Lake Grandon.....
WIT	E. R. Sterling.....	WLA U	Lake Fluvanna.....
WIU	George G. Henry.....	WLC	New London, Conn.....
WIV	Restorer.....	WLD	Ludington, Mich.....
WIW	Oscar D. Bennett.....	WLE	Maitland No. 1.....
WIW	J. M. Danziger.....	WLE A	Lake Farge.....
WIX	Harold Walker.....	WLEE	Lake Faristell.....
WIY	William Green.....	WLEI	Lake Forkville.....
WJA	Andalusia.....	WLEO	Lake Cathoon.....
WJAA	Sangamon.....	WLEU	Lake Fugard.....
WJAI	Yuma.....	WLF	Coosa.....
WJAO	M. J. Scanlon.....	WLG	Yucatan.....
WJB	Lawrenceville, Ill.....	WLH	Fort Bragg.....
WJC	Owensboro, Ky.....	WLI	Westbrook.....
WJE	Skagit Power Site, Wash.....	WLIA	Santa Teresa.....
WJEI	Plainfield.....	WLII	Goree.....
WJEO	Phocnix.....	WLIO	Nantasket.....
WJF	Teresa.....	WLJ	Monticello.....
WJG	Porto Rico.....	WLL	Greenwood.....
WJIA	West Zucker.....	WLM	Warszawa.....
WJIE	Guimba.....	WLN	Black Arrow.....
WJII	Oskaloosa.....	WLO	Orion.....
WJIO	Independence.....	WLOO	Cadaretta.....
WJIU	Schenectady.....	WLOU	Barkhamstead.....
WJJ	Florida.....	WLP	Minneapolis, Minn.....
WJL	Wachusett.....	WLQ	Sabine Sun.....
WJM	J. C. Donnell.....	WLR	Floridian.....
WJN	Munaires.....	WLS	President Arthur.....
WJO	Nyanza.....	WLT	Neuse.....
WJOA	West Elcasco.....	WLU	Pawnee.....
WJOE	West Eldara.....	WLU I	Alamosa.....
WJOI	West Loquassuck.....	WLU O	Alcona.....
WJOO	West Madaket.....	WLU U	Ingold.....
WJOU	West Kyska.....	WLV	Ida.....
WJP	Tunica.....	WLX	Pequot.....
WJR	W. M. Tupper.....	WLY	Poznam.....
WJS	Amphion.....	WLZ	Montpellier.....
WJU	Osage.....	WMA	Multnomah.....

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

Call signal.	Station.	Call signal.	Station.
WMAA	Lake Furley.....b	WOW	Henry J. Biddle.....b
WMAE	Cowanshannock.....b	WOX	Levi G. Burgess.....b
WMAI	Cowboy.....b	WOY	Queen II.....b
WMAO	Cowee.....b	WPAE	Sag Harbor.....b
WMD	West Shore.....b	WPAI	Yomachichi.....b
WME	Rockland, Me.....c	WPAO	Wilsox.....b
WMEA	Costilla.....b	WPC	Tyee.....b
WMEE	Cote Blanche.....b	WPD	Tampa, Fla.....c
WMEI	Cotopaxi.....b	WPF	Camp Eustis, Va., Flagship Div. I...c
WMEO	Cottonplant.....b	WPH	S. M. Fischer.....b
WMEU	Cottonwood.....b	WPJE	Corrales.....b
WMF	Cello.....b	WPII	Corsicana.....b
WMG	Wapama.....b	WPIO	Lake Fostoria.....b
WMI	Minnesota.....b	WPIU	Lake Fouché.....b
WMIO	W. H. McGean.....b	WPK	Florence Olson.....b
WMIU	Charles L. Hutchinson.....b	WPN	Pioneer.....b
WMJ	Ernest H. Meyer.....b	WPOO	Washtenaw.....b
WMK	Hyades.....b	WPOU	Charles M. Everest.....b
WML	Lurline.....b	WPQ	Zapora.....b
WMM	Freeman.....b	WPR	Ensenada, P. R.....c
WMN	Enterprise.....b	WPS	Starr.....b
WMO	Wilhelmina.....b	WPT	Norfolk, Va.....b
WMOA	Tillamook.....b	WPUE	Caddopeak.....b
WMP	Matsonia.....b	WPUI	Callabass.....b
WMQ	Manoa.....b	WPUO	Cascade.....b
WMR	Maui.....b	WPUU	Coaxet.....b
WMS	Wahkeena.....b	WPV	H. M. Whitney.....b
WMT	Point Bonita.....b	WPW	James S. Whitney.....b
WMUE	Cokato.....b	WPX	Oneonta.....b
WMUI	Charlot.....b	WPY	Wallula.....b
WMUO	Panola.....b	WPZ	Springwells, Mich.....c
WMV	Kermi.....b	WQC	Toledo, Ohio.....c
WMW	Manitowoc, Wis.....c	WQD	Hisko.....b
WMY	A. M. Byers.....b	WQE	Harvey H. Brown.....b
WMZ	Honolulu.....b	WQEA	Lithopolis.....b
WNA	Springfield, Ohio.....c	WQEE	Everglades.....b
WNAA	Craincreek.....b	WQEO	West Zula.....b
WNAE	Cranenest.....b	WQEU	Canibas.....b
WNAI	Craycroft.....b	WQF	Harry W. Croft.....b
WNAO	Lake Callicoon.....b	WQG	Fayette Brown.....b
WNAU	Lake Fresco.....b	WQH	M. A. Bradley.....b
WNB	El Capitan.....b	WQI	Costa Rica.....b
WNC	Wabash.....b	WQIA	Mexoil.....b
WND	Windber.....b	WQH	Holbrook.....b
WNE	Nushagak.....b	WQIO	Neponset.....b
WNEA	Lake Charlottesville.....b	WQJ	Sarah Weems.....b
WNEO	Dio.....b	WQK	St. James, N. Y.....c
WNF	Hattie Luckenbach.....b	WQL	Coram Hill, N. Y.....c
WNG	Otto M. Reiss.....b	WQOA	Tipton.....b
WNH	Clemens A. Reiss.....b	WQOE	Garfield.....b
WNI	William A. Reiss.....b	WQQ	Rappahannock.....b
WNIE	Agawam.....b	WQR	Nansemond.....b
WNII	Challenger.....b	WQS	Artemis.....b
WNIO	Python.....b	WQT	Watauga.....b
WNIU	Cornucopia.....b	WQU	Cuba.....b
WNK	Richard J. Reiss.....b	WQUA	Cokesit.....b
WNL	Lake St. Clair.....b	WQUO	Iconium.....b
WNM	Florence Luckenbach.....b	WQUU	Jacona.....b
WNN	Belfast, Me.....c	WQW	Jennette Skinner.....b
WNP	Pleiades.....b	WQX	Detroit, Mich.....c
WNQ	Frederic Ewing.....b	WQZ	West Eagle.....b
WNR	Rush.....b	WRA	O. A. Hermanson.....b
WNS	Kvichak.....b	WRAE	Alabama.....b
WNU	New Orleans, La.....c	WRAI	Allegheny.....b
WNUIO	Brookdale.....b	WRB	Berlin.....b
WNV	Hatteras.....b	WRC	Silverado.....b
WNW	San Ramon.....b	WRD	D. G. Scofield.....b
WNX	Peter Reiss.....b	WRE	J. A. Moffet.....b
WNY	Brooklyn, N. Y.....c	WREA	West Lashaway.....b
WNZ	F. J. Luckenbach.....b	WREE	Wauconda.....b
WOA	Admiral Rodman.....b	WREI	Quistconck.....b
WOD	Beaumont, Tex.....c	WREO	Zirkel.....b
WOF	Horace X. Baxter.....b	WREU	Governor John Lind.....b
WOG	Fred Baxter.....b	WRF	Amelia.....b
WOJ	Iris.....b	WRG	Annetta.....b
WOL	Los Angeles.....b	WRH	Harvard.....b
WOM	William A. McKenney.....b	WRI	Paraiso.....b
WON	La Brea.....b	WRIE	Lake Gorin.....b
WOP	Lake Elizabeth.....b	WRIO	Star I.....b
WOT	Coalinga.....b	WRJ	Admiral Goodrich.....b
WOV	Venetia.....b	WRN	Siboney.....b

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

Call signal.	Station.	Call signal.	Station.		
WRO	Middlesex.....	b	WTQ	El Segundo.....	b
WROA	Westpool.....	b	WTR	Richmond.....	b
WROE	Indianapolis.....	b	WTS	Col. E. L. Drake.....	b
WROI	Lydia.....	b	WTT	Atlas.....	b
WROO	E. L. Doheny, 3rd.....	b	WTU	S. O. Co. No. 91.....	b
WRQ	Marion Mass. (Matapoissett).....	c	WTUE	Laurel.....	b
WRS	Suffolk.....	b	WTUI	Calvert.....	b
WRT	New Brunswick, N. J. (Bound Brook).....	c	WTUO	Houma.....	b
WRUO	Quiltacas.....	b	WTUO	West Mahomet.....	b
WRV	Alliance.....	b	WTV	Captain A. F. Lucas.....	b
WRX	Ozama.....	b	WTW	Ossineke.....	b
WRY	Yale.....	b	WTX	Asuncion.....	b
WRZ	Rainier.....	b	WTY	S. O. Co. No. 93.....	b
WSA	East Hampton, N. Y.....	c	WTZ	S. O. Co. No. 95.....	b
WSD	Redwood.....	b	WVAA	Coquina.....	b
WSE	East Moriches, N. Y.....	c	WVAE	Corapeak.....	b
WSEA	Defiance.....	b	WVAI	Corcoran.....	b
WSEE	W. L. Steed.....	b	WVAO	Conotton.....	b
WSEI	Cricket.....	b	WVAU	Contocook.....	b
WSEO	Lake Fondulac.....	b	WVEI	Basco.....	b
WSEU	Lake Buckeye.....	b	WVEU	Isanto.....	b
WSF	Agnes Dollar.....	b	WVIA	Lake Gormania.....	b
WSG	Norwood.....	b	WVIU	Lake Govan.....	b
WSI	Santa Inez.....	b	WVOE	Couparle.....	b
WSJ	Edna Christenson.....	b	WVOI	Courtois.....	b
WSK	New York, N. Y.....	c	WVOO	Coushatta.....	b
WSM	Fair Oaks.....	b	WVOU	Coutolene.....	b
WSO	Marion, Mass. (transmitting).....	c	WVUA	Courageous.....	b
WSOI	Chatham, Mass. (receiving).....	c	WVA	China.....	b
WSOO	West Sequana.....	b	WVC	Western Wave.....	b
WSP	Crathorne.....	b	WVD	Arcadia.....	b
WSP	Westhampton.....	b	WVE	Manchuria.....	b
WSQ	Vizcaya.....	b	WVF	City of Para.....	b
WSR	Reuce.....	b	WVH	Newport.....	b
WSS	St. Nicholas.....	b	WVK	Western Queen.....	b
WST	New London, Conn.....	c	WVM	San Juan.....	b
WSU	Republic.....	b	WVN	Mongolia.....	b
WSUA	West Helix.....	b	WWP	Ausable.....	b
WSUE	West Wauna.....	b	WWR	Rose City.....	b
WSUI	West Wauneke.....	b	WXAA	Ozaukee.....	b
WSUU	Lake Gradan.....	b	WXEA	Western Scout.....	b
WSW	Willamette.....	b	WXEI	Western Comet.....	b
WSZ	Bremerton.....	b	WXEO	West Cape.....	b
WTAA	Lake Beacon.....	b	WXEU	Yukon.....	b
WTAE	Lake Desha.....	b	WXIA	Victorious.....	b
WTAI	Lake Mattato.....	b	WXOA	Cowiche.....	b
WTAO	Lake Licoco.....	b	WXOE	W. J. Crosby.....	b
WTC	Lansing.....	b	WXOI	Penobscot.....	b
WTD	Oleum.....	b	WXOO	Craigsmere.....	b
WTE	Tamesi.....	b	WXUI	Hampden.....	b
WTEE	Cedar Spring.....	b	WXUO	Monmouth.....	b
WTEI	Ceralvo.....	b	WZAA	L. J. Drake.....	b
WTEO	Cerosco.....	b	WZAE	West Humhaw.....	b
WTEU	Coperas.....	b	WZAU	E. C. Pope.....	b
WTF	Westwood.....	b	WZEA	Saxon.....	b
WTH	Westlake.....	b	WZEE	Maruba.....	b
WTI	Swans Island, Me.....	c	WZEU	North Pines.....	b
WTII	Socony 90.....	b	WZIO	Admiral Mayo.....	b
WTIO	Socony 94.....	b	WZIU	Western Plains.....	b
WTIU	Deerfield.....	b	WZOA	Lake Graphite.....	b
WTJ	Sutherland.....	b	WZOE	Lake Gratis.....	b
WTL	Lyman Stewart.....	b	WZOI	Lake Grattan.....	b
WTM	W. S. Porter.....	b	WZOO	Lake Gravelle.....	b
WTN	Wm. F. Herrin.....	b	WZOU	Lake Gravett.....	b
WTO	Frank H. Buck.....	b	WZUA	Norfolk.....	b
WTOO	Toiler.....	b	WZUE	Newburgh.....	b
WTOU	Coulee.....	b			

BROADCASTING STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

Station.	Call signal.	Station.	Call signal.
Aberdeen, Wash.	KNT	Dayton, Ohio	WFO
Akron, Ohio	WOE	Dearborn, Mich.	WWI
Albany, N. Y.	WNJ	Decatur, Ga.	WAAS
Altadena, Calif.	KGO	Decatur, Ill.	WBAO
Altoona, Pa.	WGAW	Decatur, Ill.	WCAP
Amarillo, Tex.	WDAG	Defiance, Ohio	WCAQ
Ames, Iowa	WOI	Del Monte, Calif.	KLN
Anderson, Ind.	WEAW	Denver, Colo.	KDYY
Anthony, Kans.	WBL	Denver, Colo.	KDZQ
Asheville, N. C.	WFAJ	Denver, Colo.	KFAF
Athens, Ohio	WAAV	Denver, Colo.	KLZ
Atlanta, Ga.	WDAW	Denver, Colo.	KOA
Atlanta, Ga.	WSB	Des Moines, Iowa	WGF
Atwood, Kans.	WEAD	Detroit, Mich.	KOP
Auburn, Me.	WMB	Detroit, Mich.	WCX
Austin, Tex.	WCM	Detroit, Mich.	WWJ
Bakersfield, Calif.	KDZB	East Lansing, Mich.	WHW
Bakersfield, Calif.	KYI	East Pittsburgh, Pa.	KDKA
Baltimore, Md.	WCAO	Edgewood, R. I.	WEAG
Baltimore, Md.	WEAR	El Dorado, Kans.	WAH
Baltimore, Md.	WKC	El Monte, Calif.	KUY
Bay City, Mich.	WTP	El Paso, Tex.	WDAH
Bellingham, Wash.	KDZR	Emporia, Kans.	WAAZ
Berkeley, Calif.	KQI	Ensenada, P. R.	WGAD
Berkeley, Calif.	KRE	Erie, Pa.	WJT
Berlin, N. H.	WEAQ	Erie, Pa.	WSX
Binghamton, N. Y.	WFAZ	Eugene, Oreg.	KDZJ
Birmingham, Ala.	WSY	Eureka, Calif.	KNT
Blacksburg, Va.	WEAE	Everett, Wash.	KDZZ
Boston, Mass.	WAAJ	Fargo, N. Dak.	WDAY
Boston, Mass.	WFAU	Flint, Mich.	WEAA
Boulder, Colo.	KFAJ	Fort Dodge, Iowa	WEAB
Brentwood, Mo.	WFAK	Fort Smith, Ark.	WCAC
Bridgeport, Pa.	WBAG	Fort Smith, Ark.	WGAR
Brooklyn, N. Y.	WGAC	Fort Wayne, Ind.	WFAS
Brownsville, Pa.	WDAQ	Fort Worth, Tex.	WBAP
Buffalo, N. Y.	WGR	Fort Worth, Tex.	WPA
Buffalo, N. Y.	WWT	Fresno, Calif.	KDZH
Burlington, Vt.	WCAX	Fresno, Calif.	KMJ
Camden, N. J.	WIP	Galveston, Tex.	WHAB
Cameron, Mo.	WFAQ	Glendale, Calif.	KFAC
Canton, N. Y.	WCAD	Granville, Ohio	WJD
Canton, Ohio	WVB	Great Falls, Mont.	KDYS
Centerville, Iowa	WDAX	Greenwich, Conn.	WAAQ
Centralia, Wash.	KDZM	Gridley, Calif.	KFU
Charleston, S. C.	WFAZ	Hamilton, Ohio	WBAU
Charlestown, W. Va.	WAAO	Hamilton, Ohio	WBK
Charlotte, N. C.	WBT	Hartford, Conn.	WDAK
Chicago, Ill.	KYW	Honolulu, Hawaii	KDYX
Chicago, Ill.	WAAF	Honolulu, Hawaii	KGU
Chicago, Ill.	WBU	Hood River, Oreg.	KQP
Chicago, Ill.	WDAP	Houston, Tex.	WCAK
Chicago, Ill.	WGAS	Houston, Tex.	WEAY
Chicago, Ill.	WGU	Houston, Tex.	WEV
Cincinnati, Ohio	WAAD	Houston, Tex.	WFAL
Cincinnati, Ohio	WIZ	Houston, Tex.	WQAB
Cincinnati, Ohio	WLW	Huntington, W. Va.	WAAB
Cincinnati, Ohio	WMH	Hutchinson, Minn.	WFAN
Clearfield, Pa.	WPI	Independence, Kans.	WFAY
Cleveland, Ohio	WIK	Indianapolis, Ind.	WLE
College Park, Ga.	WDAJ	Indianapolis, Ind.	WOH
Colorado Springs, Colo.	KHD	Iowa City, Iowa	WHA
Columbia, Mo.	WAAN	Ithaca, N. Y.	WEAI
Columbus, Ohio	WBAV	Jacksonville, Fla.	WCAN
Columbus, Ohio	WCAH	Jacksonville, Fla.	WDAL
Columbus, Ohio	WFAO	Jefferson City, Mo.	WOL
Crafton, Pa.	WAAZ	Jersey City, N. J.	WNO
Dallas, Tex.	WDAO	Kansas City, Mo.	WDAF
Dallas, Tex.	WFAA	Kansas City, Mo.	WBB
Dallas, Tex.	WRR	Kansas City, Mo.	WQQ
Davenport, Iowa	WOC	Kansas City, Mo.	WPE

BROADCASTING STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Station.	Call signal.
Klamath Falls, Oreg.....	KDYU	Oklahoma City, Okla.....	WKY
Lacey, Wash.....	KGY	Omaha, Nebr.....	WAAW
Lancaster, Pa.....	WGAL	Omaha, Nebr.....	WDV
Lincoln, Nebr.....	WFAV	Omaha, Nebr.....	WOU
Lincoln, Nebr.....	WGAT	Orangeburg, S. C.....	WGAM
Lindsborg, Kans.....	WDAD	Paris, Tex.....	WTK
Little Rock, Ark.....	WCAV	Pasadena, Calif.....	KDYR
Little Rock, Ark.....	WEAX	Pasadena, Calif.....	KLB
Little Rock, Ark.....	WSV	Paterson, N. J.....	WBAN
Long Beach, Calif.....	KSS	Pensacola, Fla.....	WGAN
Los Altos, Calif.....	KLP	Peoria, Ill.....	WBAE
Los Angeles, Calif.....	KDZD	Peoria, Ill.....	WFAP
Los Angeles, Calif.....	KDZF	Pine Bluff, Ark.....	WOK
Los Angeles, Calif.....	KDZP	Philadelphia, Pa.....	WCAU
Los Angeles, Calif.....	KFI	Philadelphia, Pa.....	WDAR
Los Angeles, Calif.....	KIJ	Philadelphia, Pa.....	WFI
Los Angeles, Calif.....	KJC	Philadelphia, Pa.....	WGL
Los Angeles, Calif.....	KJS	Philadelphia, Pa.....	WIP
Los Angeles, Calif.....	KNN	Philadelphia, Pa.....	WOO
Los Angeles, Calif.....	KNR	Philadelphia, Pa.....	WPJ
Los Angeles, Calif.....	KNV	Phoenix, Ariz.....	KDYW
Los Angeles, Calif.....	KNX	Phoenix, Ariz.....	KFAD
Los Angeles, Calif.....	KOG	Pittsburgh, Pa.....	KQV
Los Angeles, Calif.....	KUS	Pittsburgh, Pa.....	WCAE
Los Angeles, Calif.....	KWH	Pittsburgh, Pa.....	WHA
Los Angeles, Calif.....	KXS	Pomona, Calif.....	KGF
Los Angeles, Calif.....	KYJ	Port Arthur, Tex.....	WFAH
Los Angeles, Calif.....	KZI	Portland, Oreg.....	KDYQ
Macon, Ga.....	WGAK	Portland, Oreg.....	KFAB
Madison, Wis.....	WGAY	Portland, Oreg.....	KGG
Madison, Wis.....	WHA	Portland, Oreg.....	KGN
Manhattan, Kans.....	WTG	Portland, Oreg.....	KGW
Marietta, Ohio.....	WBAW	Portland, Oreg.....	KQY
McKeesport, Pa.....	WIK	Portland, Oreg.....	KYG
Medford Hillside, Mass.....	WGI	Portsmouth, Ohio.....	WDAB
Memphis, Tenn.....	WKN	Poughkeepsie, N. Y.....	WFAF
Memphis, Tenn.....	WPO	Providence, R. I.....	WEAN
Miami, Fla.....	WFAW	Pullman, Wash.....	KFAE
Milwaukee, Wis.....	WAAK	Quincy, Ill.....	WCAW
Milwaukee, Wis.....	WCAY	Quincy, Ill.....	WCAZ
Milwaukee, Wis.....	WHAD	Rapid City, S. Dak.....	WCAT
Minneapolis, Minn.....	WAAL	Redwood City, Calif.....	KDYN
Minneapolis, Minn.....	WBAD	Reedley, Calif.....	KMC
Minneapolis, Minn.....	WBAH	Reno, Nev.....	KDZK
Minneapolis, Minn.....	WCAS	Richmond, Ind.....	WOZ
Minneapolis, Minn.....	WCE	Richmond, Va.....	WBAZ
Minneapolis, Minn.....	WLB	Ridgewood, N. Y.....	WHN
Mobile, Ala.....	WEAP	Rochester, N. Y.....	WHQ
Modesto, Calif.....	KOQ	Roselle Park, N. J.....	WDY
Modesto, Calif.....	KXD	Roswell, N. Mex.....	KNJ
Moorestown, N. J.....	WBFA	Rushville, Nebr.....	WEAV
Morgantown, W. Va.....	WHD	Sacramento, Calif.....	KVQ
Muskogee, Okla.....	WDAV	Salina, Kans.....	WFAD
Nashville, Tenn.....	WDA	Salt Lake City, Utah.....	KDYL
Newark, N. J.....	WAAM	Salt Lake City, Utah.....	KDYV
Newark, N. J.....	WBS	Salt Lake City, Utah.....	KZN
Newark, N. J.....	WJZ	San Antonio, Tex.....	WCAR
Newark, N. J.....	WOR	San Diego, Calif.....	KDPT
New Bedford, Mass.....	WDAU	San Diego, Calif.....	KDYM
Newburgh, N. Y.....	WCAB	San Diego, Calif.....	KDYO
New Haven, Conn.....	WCJ	San Diego, Calif.....	KON
New Haven, Conn.....	WGAH	San Diego, Calif.....	KYF
New Lebanon, Ohio.....	WPG	Sanford, Me.....	WFA
New Orleans, La.....	WAAB	San Francisco, Calif.....	KDN
New Orleans, La.....	WAAC	San Francisco, Calif.....	KDZG
New Orleans, La.....	WBAM	San Francisco, Calif.....	KDZW
New Orleans, La.....	WCAG	San Francisco, Calif.....	KDZX
New Orleans, La.....	WGV	San Francisco, Calif.....	KPO
New Orleans, La.....	WWL	San Francisco, Calif.....	KSL
New York, N. Y.....	WBAY	San Francisco, Calif.....	KUO
New York, N. Y.....	WDT	San Francisco, Calif.....	KYY
New York, N. Y.....	WEAF	San Francisco, Calif.....	KZY
New York, N. Y.....	WJX	San Jose, Calif.....	KQW
New York, N. Y.....	WWZ	San Jose, Calif.....	KSC
Norfolk, Va.....	WSN	Savannah, Ga.....	WGA
Northfield, Minn.....	WCAL	Schenectady, N. Y.....	WGY
North Plainfield, N. J.....	WEAM	Schenectady, N. Y.....	WRL
Oakland, Calif.....	KLS	Seattle, Wash.....	KDZE
Oakland, Calif.....	KLX	Seattle, Wash.....	KFC
Oakland, Calif.....	KZM	Seattle, Wash.....	KHQ
Ogden, Utah.....	KDZL	Seattle, Wash.....	KJR

BROADCASTING STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Station.	Call signal.
Seattle, Wash.....	KTW	Toledo, Ohio.....	WBAJ
Seattle, Wash.....	KZC	Toledo, Ohio.....	WEU
Shenandoah, Iowa.....	WG AJ	Toledo, Ohio.....	WJK
Shreveport, La.....	WAAG	Tucson, Ariz.....	KDZA
Shreveport, La.....	WDAN	Tulsa, Okla.....	WEH
Shreveport, La.....	WGAQ	Tulsa, Okla.....	WGAF
Sioux City, Iowa.....	WEAU	Tuscola, Ill.....	WDZ
Sioux City, Iowa.....	WHAE	University Place, Nebr.....	WCAJ
Sioux Falls, S. Dak.....	WFAT	Urbana, Ill.....	WRM
South Bend, Ind.....	WBAQ	Utica, N. Y.....	WSL
South Bend, Ind.....	WGAZ	Vermilion, S. Dak.....	WEAJ
Spokane, Wash.....	KFZ	Villanova, Pa.....	WCAM
Spokane, Wash.....	KOE	Washington, D. C.....	WDM
Springfield, Ill.....	WDAC	Washington, D. C.....	WEAB
Springfield, Mass.....	WBZ	Washington, D. C.....	WIL
State College, N. Mex.....	KOB	Washington, D. C.....	WJH
St. Cloud, Minn.....	WFAM	Washington, D. C.....	WMU
St. Joseph, Mo.....	WEAK	Washington, D. C.....	WPM-
St. Louis, Mo.....	KSD	Waterford, N. Y.....	WFAQ
St. Louis, Mo.....	WAAE	Waterloo, Iowa.....	WEAZ
St. Louis, Mo.....	WCK	Waterloo, Iowa.....	WHAC
St. Louis, Mo.....	WEB	West Lafayette, Ind.....	WBAA
St. Louis, Mo.....	WEW	Wenatchee, Wash.....	KDZI
Stockton, Calif.....	KJQ	Wenatchee, Wash.....	KZV
Stockton, Calif.....	KWG	Wichita, Kans.....	WAAP
St. Paul, Minn.....	WAAH	Wichita, Kans.....	WEAH
Sunnyvale, Calif.....	KJJ	Wichita, Kans.....	WEY
Superior, Wis.....	WFAC	Wilkes-Barre, Pa.....	WBAX
Syracuse, N. Y.....	WBAB	Wooster, Ohio.....	WGAU
Syracuse, N. Y.....	WDAI	Worcester, Mass.....	WCN
Syracuse, N. Y.....	WFAB	Worcester, Mass.....	WDAS
Tacoma, Wash.....	KGB	Worcester, Mass.....	WDAT
Tacoma, Wash.....	KMO	Yakima, Wash.....	KFV
Tampa, Fla.....	WDAE	Yakima, Wash.....	KQT
Tampa, Fla.....	WEAT	Youngstown, Ohio.....	WAA Y
Tarrytown, N. Y.....	WRW	Youngstown, Ohio.....	WMC
Terre Haute, Ind.....	WEAC	Zanesville, Ohio.....	WPL

STATIONS BROADCASTING MARKET OR WEATHER REPORTS (485 METERS) AND MUSIC, CONCERTS, LECTURES, ETC. (360 METERS), ALPHABETICALLY BY CALL LETTERS.

Call signal.	Owner of station.	Location of station.	Wave lengths.
KDKA	Westinghouse Electric & Manufacturing Co.	East Pittsburgh, Pa.	360
KDN	Leo J. Meyberg Co.	San Francisco, Calif., California and Mason Streets.	360, 485
KDPT	Southern Electrical Co.	San Diego, Calif., Third and E Streets.	360
KDYL	Telegram Publishing Co.	Salt Lake City, Utah.	360
KDYM	Savoy Theater.	San Diego, Calif., 236 C Street.	360
KDYN	Great Western Radio Corp.	Redwood City, Calif.	360
KDYO	Carlson & Simpson.	San Diego, Calif., Union and C Streets.	360
KDYQ	Oregon Institute of Technology.	Portland, Oreg.	485
KDYR	Pasadena Star-News Publishing Co.	Pasadena, Calif.	360
KDY8	The Tribune.	Great Falls, Mont.	360
KDYU	Herald Publishing Co.	Klamath Falls, Oreg.	360
KDYV	Cope & Cornwell Co.	Salt Lake City, Utah, 1138 Michigan Avenue.	360
KDYW	Smith, Hughes & Co.	Phoenix, Ariz., Third Avenue and Jefferson Street.	360
KDYX	Star Bulletin.	Honolulu, Hawaii.	360
KDYY	Rocky Mountain Radio Corp.	Denver, Colo., 1512 Broadway.	360
KDZA	Arizona Daily Star.	Tucson, Ariz.	360
KDZB	Frank E. Siefert.	Bakersfield, Calif., 1402 Twentieth Street.	360
KDZD	W. B. Mitchell.	Los Angeles, Calif., 729 South Broadway.	360
KDZE	The Rhodes Co.	Seattle, Wash., 1321 Second Avenue.	360
KDZF	Automobile Club of Southern California.	Los Angeles, Calif., 260 Figueroa Street.	360
KDZG	Cyrus Peirce & Co.	San Francisco, Calif., 433 California Street.	360
KDZH	Fresno Evening Herald.	Fresno, Calif.	360
KDZI	Electric Supply Co.	Wenatchee, Wash.	360
KDJJ	Excelsior Radio Co.	Eugene, Oreg., Box 33.	360
KDZK	Nevada Machinery & Electric Co.	Reno, Nev.	360
KDZL	Rocky Mountain Radio Corp.	Ogden, Utah, 2311 Washington Avenue.	360
KDZM	E. A. Hollingworth.	Centralia, Wash., 203 North Tower Avenue.	360
KDZP	Newbery Electric Corp.	Los Angeles, Calif., 724 South Olive Street.	360
KDZQ	Motor Generator Co.	Denver, Colo., 429 South Sherman Street.	360
KDZR	Bellingham Publishing Co.	Bellingham, Wash.	360
KDZW	Claude W. Gerdes.	San Francisco, Calif., 2198 O Farrell St.	360
KDZX	Glad Tidings Tabernacle.	San Francisco, Calif., 1536 Ellis St.	360
KDZZ	Kinney Bros. & Sipprell.	Everett, Wash., 1705 Hewitt Ave.	360
KFAB	Pacific Radiofone Co.	Portland, Oreg., 108 N. Broadway.	360
KFAC	Glendale Daily Press.	Glendale, Calif., 222 S. Brand Boulevard.	360
KFAD	McArthur Bros. Mercantile Co.	Phoenix, Ariz., 134 S. Central St.	360
KFAE	State College of Washington.	Pullman, Wash.	360
KFAF	Western Radio Corporation.	Denver, Colo., 737 Lincoln St.	360
KFAJ	University of Colorado.	Boulder, Colo.	360
KFC	Northern Radio & Electric Co.	Seattle, Wash., 418 Union Street.	360
KFI	Earle C. Anthony (Inc.).	Los Angeles, Calif., Tenth and Hope Streets.	360
KFU	The Precision Shop.	Gridley, Calif., Sycamore Street.	360
KFV	Foster-Bradbury Radio Store.	Yakima, Wash., Herald Block.	360
KFZ	Doerr-Mitchell Electric Co.	Spokane, Wash., 118-120 Lincoln Street.	360
KGB	Wm. A. Mullins Electric Co.	Tacoma, Wash., 1130 Broadway.	360
KGF	Pomona Fixture & Wiring Co.	Pomona, Calif., 310 West Second Street.	360
KGG	Hallock & Watson Radio Service.	Portland, Oreg., 192 Park Street.	360
KGO	Northwestern Radio Manufacturing Co.	Portland, Oreg., 1556 East Taylor Street.	360
KGO	Altadena Radio Laboratory.	Altadena, Calif., 2940 Maiden Lane.	360
KGU	Marion A. Mulrony.	Honolulu, Hawaii, Waikiki Beach.	360
KGW	Oregonian Publishing Co.	Portland, Oreg., Sixth and Alder Streets.	360
KGY	St. Martins College (Rev. S. Ruth).	Lacey, Wash.	360
KHD	C. F. Aldrich Marble & Granite Co.	Colorado Springs, Colo., P. O. Box 285.	485
KHJ	C. R. Kierulff & Co.	Los Angeles, Calif., 757 South Los Angeles Street.	360, 485
KHQ	Louis Wasmer.	Seattle, Wash., 419 Thirteenth Avenue.	360
KHC	Standard Radio Co.	Los Angeles, Calif., 1048 South Olive Street.	360
KHJ	The Radio Shop.	Sunnyvale, Calif., 229 Sunnyvale Avenue.	360
KHQ	C. O. Gould.	Stockton, Calif., 615 East Main Street.	360
KHR	Vincent I. Kraft.	Seattle, Wash., 6838 Nineteenth Avenue NE.	360
KHS	Bible Institute of Los Angeles.	Los Angeles, Calif., 536 South Hope Street.	360
KLB	J. J. Dunn & Co.	Pasadena, Calif., 1295 East Villa Street.	360
KLN	Noggle Electric Works.	Del Monte, Calif.	360
KLP	Colin B. Kennedy Co.	Los Altos, Calif., O'Keefe Avenue.	360
KLS	Warner Bros.	Oakland, Calif., 2201 Telegraph Avenue.	360
KLX	Tribune Publishing Co.	Oakland, Calif., Thirteenth and Franklin Streets.	360

STATIONS BROADCASTING MARKET OR WEATHER REPORTS (485 METERS) AND MUSIC, CONCERTS, LECTURES, ETC. (360 METERS), ALPHABETICALLY BY CALL LETTERS—Continued.

Call signal.	Owner of station.	Location of station.	Wave lengths.
KLZ	Reynolds Radio Co.	Denver, Colo., 1534 Glenarm Place	360, 485
KMC	Lindsay-Weatherill & Co.	Yakima, Calif.	360
KMJ	San Joaquin Light & Power Corp.	Fresno, Calif., H and Tulare Streets	360, 485
KMO	Love Electric Co.	Tacoma, Wash., 732 Pacific Avenue	360
KNI	T. W. Smith	Eureka, Calif., Humboldt National Bank Building	360
KNJ	Roswell Public Service Co.	Roswell, N. Mex., 112 West Third Street	360, 485
KNN	Bullock's	Los Angeles, Calif., Seventh and Broadway	360
KNR	Beacon Light Co.	Los Angeles, Calif., 636 South Hill Street	360
KNT	North Coast Products Co.	Aberdeen, Wash., 913 West Hume Street	360
KNV	Radio Supply Co.	Los Angeles, Calif., 815 South Main Street	360
KNX	Electric Lighting Supply Co.	Los Angeles, Calif., 216 West Third Street	360
KOA	Young Men's Christian Association	Denver, Colo., Lincoln Street and Sixteenth Avenue	485
KOB	New Mexico College of Agriculture and Mechanic Arts	State College, N. Mex.	360, 485
KOE	Spokane Chronicle	Spokane, Wash.	360
KOG	Western Radio Electric Co.	Los Angeles, Calif., Seventh and Grand Streets	360
KON	Holzwasser (Inc.)	San Diego, Calif., Fifth and Broadway	360
KOP	Detroit Police Department	Detroit, Mich.	360
KOQ	Modesto Evening News	Modesto, Calif.	360
KPO	Hale Bros.	San Francisco, Calif., Fifth and Market Streets	360
KQI	University of California	Berkeley, Calif.	360
KQP	Blue Diamond Electric Co.	Hood River, Oreg., 308 Cascade Avenue	360, 485
KQT	Electric Power & Appliance Co.	Yakima, Wash., 17 North Second Street	360
KQV	Doubleday-Hill Electric Co.	Pittsburgh, Pa., 719 Liberty Avenue	360
KQW	Charles D. Herrold	San Jose, Calif., 467 First Street	360
KQY	Stubbs Electric Co.	Portland, Oreg., 75 Sixth Street	360
KRE	Maxwell Electric Co.	Berkeley, Calif., 3100 Adeline Street	360
KSC	O. A. Hale & Co.	San Jose, Calif.	360
KSD	Post Dispatch	St. Louis, Mo.	360
KSL	The Emporium	San Francisco, Calif.	360
KSS	Prest & Dean Radio Research Laboratory	Long Beach, Calif., 18 Elm Avenue	360
KTW	First Presbyterian Church	Seattle, Wash., Seventh Avenue and Spring Street	360
KUO	Examiner Printing Co.	San Francisco, Calif.	360, 485
KUS	City Dye Works & Laundry Co.	Los Angeles, Calif., 3000 Central Avenue	360
KUY	Coast Radio Co.	El Monte, Calif.	360
KVQ	J. C. Hobrecht	Sacramento, Calif., 915 Seventh Street	360
KWG	Portable Wireless Telephone Co.	Stockton, Calif., 530 East Market Street	360
KWH	Los Angeles Examiner	Los Angeles, Calif.	360, 485
KXD	Herald Publishing Co.	Modesto, Calif., City Hall	360
KXS	Braun Corp.	Los Angeles, Calif., 363 New High Street	360
KYF	Thearle Music Co.	San Diego, Calif., 640 Broadway	360
KYG	Willard P. Hawley, jr.	Portland, Oreg., 400 East Twenty-second Street North	360
KYI	Alfred Harrell	Bakersfield, Calif., 1925 I Street	360
KYJ	Leo J. Meyberg Co.	Los Angeles, Calif., Eighth Street and Broadway	360, 485
KYW	Westinghouse Electric & Manufacturing Co.	Chicago, Ill., 72 West Adams Street	360, 485
KYY	The Radio Telephone Shop	San Francisco, Calif., 175 Steuart Street	360
KZC	Public Market & Market Stores Co.	Seattle, Wash., 1429 First Avenue	360
KZI	Irving S. Cooper	Los Angeles, Calif., 2041 Argyle Avenue	360
KZM	Preston D. Allen	Oakland, Calif., Thirteenth and Harrison Streets	360
KZN	The Deseret News	Salt Lake City, Utah	360, 485
KZY	Wenatchee Battery & Motor Co.	Wenatchee, Wash.	360
KZY	Atlantic-Pacific Radio Supplies Co.	San Francisco, Calif., 646 Mission Street	360
W.			
WAAB	Valdemar Jensen	New Orleans, La., 137 S. St. Patrick St.	360
WAAC	Tulane University	New Orleans, La.	360
WAAD	Ohio Mechanics Institute	Cincinnati, Ohio	360
WAAE	St. Louis Chamber of Commerce	St. Louis, Mo.	360
WAAF	Chicago Daily Provers Journal	Chicago, Ill.	360, 485
WAAG	Elliott Electric Co.	Shreveport, La., 341 Liatre Street	360
WAAH	Commonwealth Electric Co.	St. Paul, Minn., 182 East Sixth Street	360
WAAJ	Eastern Radio Institute	Boston, Mass., 899 Boylston Street	360
WAAK	Gimbel Bros.	Milwaukee, Wis.	360, 485
WAAI	Minnesota Tribune Co. & Anderson-Beamish Co.	Minneapolis, Minn., 64 South Fourth Street	360
WAAM	I. R. Nelson Co.	Newark, N. J., Bond Street	360
WAAN	University of Missouri	Columbia, Mo.	360
WAAO	Radio Service Co.	Charlestown, W. Va., 1019 Quarrier Street	360
WAAP	Otto W. Taylor	Wichita, Kans., 441 North Roosevelt Avenue	360

STATIONS BROADCASTING MARKET OR WEATHER REPORTS (485 METERS) AND MUSIC, (CONCERTS, LECTURES, ETC. (360 METERS), ALPHABETICALLY BY CALL LETTERS—Continued.

Call signal.	Owner of station.	Location of station.	Wave lengths.
WAAQ	New England Motor Sales Co.	Greenwich, Conn., 22 West Putnam Avenue.	360
WAAK	Groves-Thorton Hardware Co.	Huntington, W. Va., 822 Fourth Avenue.	360
WAA8	Georgia Radio Co.	Decatur, Ga., 38 Peachtree Street.	360
WAAV	Athens Radio Co.	Athens, Ohio, Box 282.	360
WAAW	Omaha Grain Exchange.	Omaha, Nebr.	360
WAAZ	Radio Service Corp.	Crafton, Pa., 85 Haldane Street.	360
WAAZ	Yahrling-Rayner Piano Co.	Youngstown, Ohio, 254 West Federal Street.	360
WAAZ	Hollister-Miller Motor Co.	Emporia, Kans., 14 East Sixth Avenue.	360
WAH	Midland Refining Co.	El Dorado, Kans., 300 South Main Street.	260, 485
WBAA	Purdue University.	West Lafayette, Ind.	360
WBAB	Andrew J. Potter.	Syracuse, N. Y., 213 Westminster Street.	360
WBAD	Sterling Electric Co. and Journal Printing Co.	Minneapolis, Minn., 31 South Fifth Street.	360
WBAE	Bradley Polytechnic Institute.	Peoria, Ill.	360, 485
WBAF	Fred M. Middleton.	Moorestown, N. J., 337 Chester Avenue.	360
WBAQ	Diamond State Fibre Co.	Bridgeport, Pa., Ford Street.	360, 485
WBAH	The Dayton Co.	Minneapolis, Minn., Seventh Street and Nicollet Avenue.	360
WBAJ	Marshall-Gerken Co.	Toledo, Ohio, 27 Ontario Street.	360
WBAM	I. B. Rennyson.	New Orleans, La., 1452 Verna Street.	360
WBAN	Wireless Phone Corporation.	Paterson, N. J., 193 Ellison Street.	360
WBAO	James Millikin University.	Decatur, Ill.	360
WBAP	Wortham-Carter Publishing Co. (Star-Telegram).	Fort Worth, Tex., 400 West Seventh Street.	360, 485
WBAQ	Myron L. Harmon.	South Bend, Ind., room 364, Y. M. C. A.	360
WBAU	Republican Publishing Co.	Hamilton, Ohio, Third and Market Streets.	360
WBAV	Erner & Hopkins Co.	Columbus Ohio, 146 North Third Street.	360
WBAW	Marietta College.	Marietta, Ohio.	360
WBAZ	John H. Stenger, jr.	Wilkes-Barre, Pa., 66 Gilderleeve Street.	360
WBAZ	American Telephone & Telegraph Co.	New York, N. Y., 24 Walker Street.	360
WBAZ	Times-Dispatch Publishing Co.	Richmond, Va.	360
WBL	T. & H. Radio Co.	Anthony, Kans., 401 South Anthony Street.	360
WBS	D. W. May (Inc.)	Newark, N. J., 178 Central Avenue.	360
WBT	Southern Radio Corp.	Charlotte, N. C., 905 Realty Building.	360, 485
WBU	City of Chicago.	Chicago, Ill.	360
WBZ	Westinghouse Electric & Manufacturing Co.	Springfield, Mass.	360
WCAB	Newburgh News Printing & Publishing Co.	Newburgh, N. Y., 40 Grand Street.	360
WCAC	John Fink Jewelry Co.	Fort Smith, Ark., 701 Garrison Avenue.	360
WCAD	St. Lawrence University.	Canton, N. Y.	360
WCAE	Kaufman & Baer Co.	Pittsburgh, Pa., Sixth and Smithfield Streets.	360
WCAG	Daily States Publishing Co.	New Orleans, La., 606 Canal Street.	360
WCAH	Entrekin Electric Co.	Columbus, Ohio.	360
WCAJ	Nebraska Wesleyan University.	University Place, Nebr.	360, 485
WCAK	Alfred P. Daniel.	Houston, Tex., 2504 Bagby Street.	360
WCAL	St. Olaf College.	Northfield, Minn.	360
WCAM	Villanova College.	Villanova, Pa.	360
WCAN	Southeastern Radio Telephone Co.	Atlantic National Bank Building.	360
WCAO	Sanders & Stayman Co.	Baltimore, Md., 319 North Charles Street.	360
WCAP	Central Radio Service.	Decatur, Ill., 211 Main Street.	360
WCAQ	Tri-State Radio Manufacturing & Supply Co.	Defiance, Ohio, 309 Clinton Street.	360
WCAR	Alamo Radio Electric Co.	San Antonio, Tex., 608 West Evergreen Street.	360
WCAS	Wm. Hood Dunwoody Industrial Institute.	Minneapolis, Minn., 818 Superior Boulevard.	360
WCAT	South Dakota School of Mines.	Rapid City, S. Dak.	485
WCAU	Philadelphia Radiophone Co.	Philadelphia, Pa., 1936 Market Street.	360
WCAV	J. C. Dico Electric Co.	Little Rock, Ark., 113 West Capitol Avenue.	360
WCAW	Quincy Herald & Quincy Electric Supply Co.	Quincy, Ill.	360
WCAX	University of Vermont.	Burlington, Vt.	360
WCAY	Kesselman O' Driscoll Co.	Milwaukee, Wis., 517 Grand Avenue.	360
WCAZ	Robt. E. Compton & Quincy Whig-General.	Quincy, Ill.	360
WCE	Findley Electric Co.	Minneapolis, Minn., 212 South Fifth Street.	360
WCJ	A. C. Gilbert Co.	New Haven Conn., 493 Blatchley Avenue.	360
WCK	Stix-Baer-Fuller.	St. Louis, Mo., Washington Street.	360, 485
WCM	University of Texas.	Austin, Tex.	360, 485
WCN	Clark University.	Worcester, Mass.	360, 485
WCX	Detroit Free Press.	Detroit, Mich.	360, 485
WDAA	Ward-Belmont School.	Nashville, Tenn., Belmont Heights.	360
WDAB	H. C. Summers & Son.	Portsmouth, Ohio, 906 Gallia Street.	360
WDAC	Illinois Watch Co.	Springfield, Ill., Ninth and Grand Avenue.	485
WDAD	Wm. L. Harrison.	Lindsborg, Kans., 122 East Lincoln Street.	360
WDAE	Tampa Daily Times.	Tampa, Fla.	360, 485
WDAF	Kansas City Star.	Kansas City, Mo.	360
WDAG	J. Laurance Martin.	Amarillo, Tex., 605 East Fourth Street.	360
WDAH	Mine & Smelter Supply Co.	El Paso, Tex., 412 San Francisco Street.	360

STATIONS BROADCASTING MARKET OR WEATHER REPORTS (485 METERS) AND MUSIC, CONCERTS, LECTURES, ETC. (360 METERS), ALPHABETICALLY BY CALL LETTERS—Continued.

Call signal.	Owner of station.	Location of station.	Wave length.
WDAI	Hughes Electrical Corp.	Syracuse, N. Y., 411 South Clinton Street	360
WDAJ	Atlanta & West Point R. R. Co.	College Park, Ga.	360
WDAK	The Courant	Hartford, Conn.	360
WDAL	Florida Times-Union	Jacksonville, Fla.	360, 485
WDAN	Glenwood Radio Corp.	Shreveport, La., Centenary College	360
WDAO	Automotive Electric Co.	Dallas, Tex., Ervay & Corsicana Street	360
WDAP	Mid West Radio Central (Inc.)	Chicago, Ill., Wrigley Building	360
WDAQ	Hartman-Riker Electric & Machine Co.	Brownsville, Pa., 312 Market Street	360
WDAR	Lit Bros.	Philadelphia, Pa.	360
WDAS	Samuel A. Waite	Worcester, Mass., 49 Benefit Street	360
WDAT	Delta Electric Co.	Worcester, Mass., 658 Main Street	360
WDAU	Slocum & Kilburn	New Bedford, Mass., 23 North Water Street	360
WDAV	Muskogee Daily Phoenix	Muskogee, Okla.	360, 485
WDAW	Georgia Railway & Power Co.	Atlanta, Ga.	360, 485
WDXA	First National Bank	Centerville, Iowa	360
WDXB	Kenneth M. Hance	Fargo, N. Dak., 117 Broadway	360, 485
WDM	Church of the Covenant	Washington, D. C., Eighteenth & N Sts. NW	360
WDT	Ship Owners Radio Service	New York, N. Y., 80 Washington Street	360
WDV	John O. Yeiser, Jr.	Omaha, Nebr., 5022 Cass Street	360
WDY	Radio Corporation of America	Roselle Park, N. J.	360
WDZ	James L. Bush	Tuscola, Ill., Star Store Building	360
WEAA	Fallain & Lathrop	Flint, Mich., 104 Walsh Building	360
WEAB	Standard Radio Equipment Co.	Fort Dodge, Iowa, 619 Carver Building	360
WEAC	Baines Electric Service Co.	Terre Haute, Ind., 24 South Eighth Street	360
WEAD	Northwest Kansas Radio Supply Co.	Atwood, Kans.	360
WEAE	Virginia Polytechnic Institute	Blacksburg, Va.	360
WEAF	Western Electric Co.	New York, N. Y., 463 West Street	360
WEAG	Nichols-Hineline-Bassett Laboratory	Edgewood, R. I., 94 Armington Street	360
WEAH	Wichita Board of Trade & Lander Radio Co.	Wichita, Kans.	360, 485
WEAI	Cornell University	Ithaca, N. Y.	360
WEAJ	University of South Dakota	Vermilion, S. Dak.	360
WEAK	Julius B. Abercromble	St. Joseph, Mo., 819 North Twenty-third Street	360
WEAM	Borough of North Plainfield	North Plainfield, N. J.	360
WEAN	Shepard Co.	Providence, R. I.	360
WEAO	Ohio State University	Columbus, Ohio	360, 485
WEAP	Mobile Radio Co.	Mobile Ala., O'Gwinn Building	360
WEAQ	Young Men's Christian Association	Berlin, N. H.	360
WEAR	Baltimore American & News Publishing Co.	Baltimore, Md., Munsey Building	360
WEAS	Hecht Co.	Washington, D. C., Seventh and F Sts. NW	360
WEAT	John E. Fogarty	Tampa, Fla., 707 Azeele St.	360
WEAU	Davidson Bros. Co.	Sioux City, Iowa	360
WEAV	Sheridan Electric Service Co.	Rushville, Nebr.	360
WEAW	Arrow Radio Laboratories	Anderson, Ind., Box 140	360
WEAX	T. J. M. Daly	Little Rock, Ark., P. O. Box 614	360, 485
WEAY	Will Horwitz, Jr.	Houston, Tex., 612 Travis Street	360
WEAZ	Donald Redmond	Waterloo, Iowa, 1120 Berth Avenue	360
WEB	Benwood Co.	St. Louis Mo., 1110 Olive Street	360
WEH	Midland Refining Co.	Tulsa, Okla. (300 S. Main St., Eldorado, Kas.)	360, 485
WEV	Hurlburt-Still Electrical Co.	Houston, Tex., McKinney Avenue and San Jacinto Street	360, 485
WEW	St. Louis University	St. Louis, Mo.	360, 485
WEY	Cosradio Co.	Wichita, Kans., 1725 Fairmont Avenue	360, 485
WFAB	A. H. Belo & Co.	Dallas, Tex.	360, 485
WFAC	Carl F. Woese	Syracuse, N. Y., 802 McBride St.	360
WFAD	Superior Radio Co.	Superior, Wis., 2326 John Avenue	360
WFAG	Watson Weldon Motor Supply Co.	Salina, Kans., 217 North Santa Fe Street	360
WFAG	H. C. Spratley Co.	Poughkeepsie, N. Y., 357 Main Street	360
WFAG	Radio Engineering Laboratory	Waterford, N. Y., Sixth and Broad Streets	360
WFAH	Electric Supply Co.	Port Arthur, Tex., 637 Proctor Street	360
WFAJ	Hi-Grade Wireless Instrument Co.	Asheville, N. C., 47 Zilliox Street	360
WFAK	Domestic Electric Co.	Brentwood, Mo., 908 Pine Street	360
WFAI	Houston Chronicle Publishing Co.	Houston, Tex.	360, 485
WFAJ	Times Publishing Co.	St. Cloud, Minn.	360
WFAK	Hutchinson Electric Service Co.	Hutchinson, Minn.	360, 485
WFAQ	Brown's Business College	Peoria, Ill.	360
WFAQ	Missouri Wesleyan College & Cameron Radio Co.	Cameron, Mo.	360
WFAW	Hall & Stubbs	Sanford, Me., 1 Bennett Street	360
WFAW	United Radio Corporation	Fort Wayne, Ind., 107 East Main Street	360
WFAT	Daily Argus-Leader	Sioux Falls, S. Dak., 109 North Main Avenue	360
WFAU	Edwin C. Lewis	Boston, Mass., 121 Federal Street	360
WFAV	University of Nebraska, department of electrical engineering	Lincoln, Nebr.	360, 485
WFAW	Miami Daily Metropolis	Miami, Fla.	360
WFAZ	Arthur L. Kent	Binghamton, N. Y., 199 Court Street	360
WFAZ	Daniels Radio Supply Co.	Independence, Kans.	360
WFAZ	South Carolina Radio Shop	Charleston, S. C.	360

STATIONS BROADCASTING MARKET OR WEATHER REPORTS (485 METERS) AND MUSIC, CONCERTS, LECTURES, ETC. (360 METERS), ALPHABETICALLY BY CALL LETTERS—Continued.

Call signal.	Owner of station.	Location of station.	Wave lengths.
WFI	Strawbridge & Clothier.....	Philadelphia, Pa., Eighth and Market Streets.	360
WFO	Rike-Kumler Co.....	Dayton, Ohio, Main and Second Streets.....	360, 485
WGAB	Q R V Radio Co.....	Houston, Tex., 1213 Prairie Avenue.....	360
WGAC	Orpheum Radio Stores Co.....	Brooklyn, N. Y., 637 Fulton Street.....	360
WGAD	Spanish-American School of Radio-telegraphy.	Ensenada, P. R.....	360
WGAF	Goller Radio Service.....	Tulsa, Okla., 20 East Eleventh Street.....	360
WGAI	New Haven Electric Co.....	New Haven, Conn., 296 Elm Street.....	360
WGAL	W. H. Gass.....	Shenandoah, Iowa, 413 Seventh Avenue.....	360
WGAK	Macon Electric Co.....	Macon, Ga.....	360
WGAL	Lancaster Electric Supply & Construction Co.	Lancaster, Pa., 23 East Orange Street.....	360
WGAM	Orangeburg Radio Equipment Co.....	Orangeburg, S. C.....	360
WGAN	Cecil E. Lloyd.....	Pensacola, Fla., 216 West Romana Street...	360
WGAQ	W. G. Patterson (Glenwood Radio Corp.).	Shreveport, La.....	360
WGAR	Southwest American.....	Fort Smith, Ark., 507 Rogers Avenue.....	360
WGAS	Ray-Di-Co Organization.....	Chicago, Ill., 1547 North Wells Street.....	360
WGAT	American Legion, Department of Nebraska.	Lincoln, Nebr., 314 Richards Block.....	360
WGAU	Marcus G. Limb.....	Wooster, Ohio, 235 East Liberty Street.....	360
WGAV	B-H Radio Co.....	Savannah, Ga., 204 West Broughton Street...	360
WGAW	Ernest C. Albright.....	Altoona, Pa., 1918 West Chestnut Street.....	360
WGAZ	North Western Radio Co.....	Madison, Wis., 250 State Street.....	360
WGF	South Bend Tribune.....	South Bend, Ind.....	360
WGI	The Register & Tribune.....	Des Moines, Iowa.....	360
WGL	American Radio Research Corp.....	Medford Hillside, Mass.....	360, 485
WGL	Thomas F. J. Howlett.....	Philadelphia, Pa., 2303 North Broad Street...	360
WGR	Federal Telephone & Telegraph Co.....	Buffalo, N. Y., 1738 Elmwood Avenue.....	360, 485
WGU	The Fair.....	Chicago, Ill.....	360
WGV	Interstate Electric Co.....	New Orleans, La., 356 Barrone Street.....	360
WGY	General Electric Co.....	Schenectady, N. Y.....	360, 485
WHA	University of Wisconsin.....	Madison, Wis.....	360, 485
WHA	State University of Iowa.....	Iowa City, Iowa.....	360
WHAB	Clark W. Thompson (Fellman's Dry Goods Co.).	Galveston, Tex.....	360, 485
WHAC	Cole Bros. Electric Co.....	Waterloo, Iowa.....	360
WHAD	Marquette University.....	Milwaukee, Wis.....	360
WHA	Automotive Electric Service Co.....	Sioux City, Iowa.....	360
WHA	Radio Electric Co.....	Pittsburgh, Pa.....	360
WHB	Sweeney School Co.....	Kansas City, Mo., Sweeney Building.....	360, 485
WHD	West Virginia University.....	Morgantown, W. Va.....	360
WHK	Warren R. Cox.....	Cleveland, Ohio, 1965 East Sixty-sixth Street	360
WHN	Ridgewood Times Printing & Publishing Co.	Ridgewood, N. Y., Chamber of Commerce Building.	360
WHO	Rochester Times Union.....	Rochester, N. Y.....	360, 485
WHU	Wm. B. Duck Co.....	Toledo, Ohio, 224 Superior Street.....	360
WHW	Stuart W. Seeley.....	East Lansing, Mich., local office U. S. Weather Bureau.	485
WIK	K. & L. Electric Co.....	McKeesport, Pa., 427 Olive Street.....	360
WIL	Continental Electrical Supply Co.....	Washington, D. C., 808 Ninth Street NW...	360
WIP	Gimbel Bros.....	Philadelphia, Pa., Ninth and Market Streets.	360
WIZ	Cino Radio Manufacturing Co.....	Cincinnati, Ohio, 218 West Twelfth Street...	360, 485
WJD	Richard H. Howe.....	Granville, Ohio.....	360
WJH	White & Boyer Co.....	Washington, D. C., 812 Thirteenth Street NW.	360
WJK	Service Radio Equipment Co.....	Toledo, Ohio, 225 Superior Street.....	360
WJT	Electric Equipment Co.....	Erie, Pa., 703 State Street.....	360
WJX	De Forest Radio Telephone & Telegraph Co.	New York, N. Y., 1391 Sedgwick Avenue...	360
WJZ	Westinghouse Electric & Manufacturing Co.	Newark, N. J., 95 Orange Street.....	360
WKC	Joseph M. Zamolski Co.....	Baltimore, Md., 2527 Madison Avenue.....	360
WKN	Riechman-Crosby Co.....	Memphis, Tenn., 223 South Front Street...	360, 485
WKY	Oklahoma Radio Shop.....	Oklahoma City, Okla., 1911 West Ash Street.	360, 485
WLB	University of Minnesota.....	Minneapolis, Minn.....	360, 485
WLK	Hamilton Manufacturing Co.....	Indianapolis, Ind., 75 N. New Jersey Street.	360, 485
WLW	Crosley Manufacturing Co.....	Cincinnati, Ohio, B. & O. R. and Blue Rock Street.	360, 485
WMB	Auburn Electrical Co.....	Auburn, Me., 57 Court Street.....	360
WMC	Columbia Radio Co.....	Youngstown, Ohio, South Avenue and Indianola Street.	360
WMH	Precision Equipment Co.....	Cincinnati, Ohio, 2437 Gilbert Avenue.....	360, 485
WMU	Doubleday-Hill Electric Co.....	Washington, D. C., 715 Twelfth Street NW...	360
WNI	Shotton Radio Manufacturing Co.....	Albany, N. Y., 8 Market Street.....	360
WNO	Wireless Telephone Co. of Hudson County, N. J.	Jersey City, N. J., 997 Bergen Avenue.....	360
WOC	Palmer School of Chiropractic.....	Davenport, Iowa, 1002 Brady Street.....	360, 485
WOE	Buckeye Radio Service Co.....	Akron, Ohio, 569 South Main Street.....	360

STATIONS BROADCASTING MARKET OR WEATHER REPORTS (485 METERS) AND MUSIC, CONCERTS, LECTURES, ETC. (360 METERS), ALPHABETICALLY BY CALL LETTERS—Continued.

Call signal.	Owner of station.	Location of station.	Wave lengths.
WOH	Hatfield Electric Co.....	Indianapolis, Ind., 531 North Meridian Street.	360
WOI	Iowa State College.....	Ames, Iowa.....	360, 485
WOK	Pine Bluff Co.....	Pine Bluff, Ark.....	360
WOO	John Wanamaker.....	Philadelphia, Pa., Thirteenth and Market Streets.	360
WOQ	Western Radio Co.....	Kansas City, Mo.....	360, 485
WOR	L. Bamberger & Co.....	Newark, N. J., 131 Market Street.....	360
WOS	Missouri State Marketing Bureau.....	Jefferson City, Mo.....	485
WOU	Metropolitan Utilities District.....	Omaha, Nebr., 1802 and 3405 Farnam Street.	360, 485
WOZ	Palladium Printing Co.....	Richmond, Ind.....	360, 485
WPA	Fort Worth Record.....	Fort Worth, Tex., Fifth and Throckmorton Streets.	360, 485
WPE	Central Radio Co.....	Kansas City, Mo., 575 Grand Avenue.....	360
WPG	Nushawg Poultry Farm.....	New Lebanon, Ohio, R. R. No. 2.....	360
WPI	Electric Supply Co.....	Clearfield, Pa., 123 Market Street.....	360
WPJ	St. Joseph's College.....	Philadelphia, Pa., Eighteenth and Thompson Streets.	360
WPL	Fergus Electric Co.....	Zanesville, Ohio, 524 Main Street.....	360
WPM	Thomas J. Williams.....	Washington, D. C., 1324 New York Avenue N.W.	360
WPO	United Equipment Co.....	Memphis, Tenn., 600 Monroe Avenue.....	360
WRK	Doron Bros. Electric Co.....	Hamilton, Ohio, 329 North C Street.....	360
WRL	Union College.....	Schenectady, N. Y.....	360
WRM	University of Illinois.....	Urbana, Ill.....	360
WRP	Federal Institute of Radio Telegraphy.	Camden, N. J., Second and Federal Streets..	360
WRR	City of Dallas, Police and Fire Signal Department.	Dallas, Tex.....	360, 485
WRW	Tarrytown Radio Research Laboratory.	Tarrytown, N. Y., 21 North Broadway...	360
WSB	Atlanta Journal.....	Atlanta, Ga.....	360, 485
WSL	J. & M. Electric Co.....	Utica, N. Y., 26 Bank Place.....	360
WSN	Ship Owners Radio Service.....	Norfolk, Va., 519 Granby Street.....	360
WSV	L. M. Hunter and G. L. Carrington...	Little Rock, Ark., 2420 Izard Street.....	360
WSX	Erie Radio Co.....	Erie, Pa., 117 West Ninth Street.....	360
WSY	Alabama Power Co.....	Birmingham, Ala., Brown-Marx Building.	360
WTG	Kansas State Agricultural College.....	Manhattan, Kans.....	485
WTK	Paris Radio Electric Co.....	Paris, Tex., 42 South Main Street.....	360
WTP	George M. McBride.....	Bay City, Mich., 611 Midland Street.....	360
WWB	Daily News Printing Co.....	Canton, Ohio, 402 Second Street NW.....	360
WWI	Ford Motor Co.....	Dearborn, Mich.....	360
WWJ	Detroit News.....	Detroit, Mich.....	360, 485
WWL	Loyola University.....	New Orleans, La.....	360
WWT	McCarthy Bros. & Ford.....	Buffalo, N. Y., 75 West Mohawk Street.....	360
WWZ	John Wanamaker.....	New York, N. Y., Eighth Street and Broadway.	360

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.	Service,	Hours.	Station controlled by—
Ankutan, Alaska.....	KTK		O	X	Bureau of Education, Department of the Interior.
Alpena, Mich.....	NSM	600, 1200.....	PG	N	U. S. Navy.
Amagansett, N. Y. (regular station)...	NBM	600, 976, 1881.	O	N	Do.
Amagansett, N. Y.....	NBM	800.....	PG	N	Do.
Ambrose Channel Light Vessel (L. V. No. 97).	NALS	300, 378, 476, 600, 756, 952.	O	X	Do.
Anacostia, D. C. (naval laboratory)...	NOF	Variable.....	O	X	Do.
Amcostia, D. C.....	NSF	507.....	O	N	Do.
Annapolis, Md. (Naval Academy)....	NAK	1620.....	PG	N	Do.
Annapolis, Md.....	NSS	7900, 9800, 10110, 10510, 17145	O	N	Do.
Annapolis, Md. (navallaboratory)....	NZO	Variable.....	O	X	Do.
Astoria, Oreg.....	NUZ	4585, 5000.....	O	N	Do.
Atka Island, Alaska.....	WJI	900.....	O	*(1)	Bureau of Education, Department of Interior.
Balbos, Canal Zone.....	NBA	600, 976, 2250, 2400, 3960, 9800, 10110, 10510, 17145	PG	N	U. S. Navy.
Baltimore, Md.....	NBZ	600, 700.....	PG	(2)	Do.
Bar Harbor, Me.....	NBD	800.....	RC	N	Do.
Bar Harbor, Me. (Otter Cliffs).....	NBD	600, 976, 2400, 2750, 3700, 3960	PG	N	Do.
Bellefonte, Pa.....	WWQ	3450, 3800.....	O	(3)	Post Office Department.
Bethany Beach, Del.....	NSD	800.....	RC	N	U. S. Navy.
Bird Island, Calif.....	NLD	800.....	RC	N	Do.
Blunts Reef Light Vessel (L. V. No. 83).	NACT	300, 600, 756, 952.	O	X	Do.
Boston Light Vessel (L. V. No. 54)...	NADX	300, 378, 476, 600, 756, 952	O	X	Do.
Boston, Mass.....	NAD	600, 976, 1620, 3860, 5000	O	N	Do.
Boston, Mass.....	WVO		O	X	U. S. Army.
Brenton Reef Light Vessel (L. V. No. 39).	NASB	300, 378, 476, 600, 756, 952, 1200	O	X	U. S. Navy.
Brunswick Light Vessel (L. V. No. 81).	NABX	300, 600, 952..	O	X	Do.
Bryan, Ohio.....	KDEL		O	X	Post Office Department
Buffalo, N. Y.....	NNZ	600, 1200.....	PG	N	U. S. Navy.
Camp Alfred Vall, N. J.....	WUBA		O	X	U. S. Army.
Camp John Hay, P. I.....	WUCB		O	X	Do.
Camp Knox, Ky.....	WUBC		O	X	Do.
Camp Marfa, Tex.....	WUG	1350, 1700, 2100, 2700, 3100, 3860	O	X	Do.
Camp Stotsenburg, P. I.....	WUCA		O	X	Do.
Cape Charles Light Vessel (L. V. No. 101).	NAJV	300, 378, 476, 600, 756, 952	O	X	U. S. Navy.
Cape Elizabeth, Me.....	NAB	800.....	RC	N	Do.
Cape Hatteras, N. C. (regular station)	NDW	600, 976, 1620	PG	N	Do.
Cape Hatteras, N. C.....	NDW	800.....	RC	N	Do.
Cape Henlopen, Del.....	NSD	800.....	RC	N	Do.
Cape Hinchinbrook, Alaska.....	NRM	800.....	RC	N	Do.
Cape Lookout, N. C.....	NAN	800.....	RC	N	Do.
Cape Lookout Shoals Light Vessel (L. V. No. 80).	NABV	300, 378, 476, 600, 756, 952	O	X	Do.
Cape Mala, Panama.....	NNT	600, 1908.....	PG	N	Do.
Cape May, N. J.....	NSD	800.....	RC	N	Do.
Cape May, N. J. (regular station)....	NSD	600, 976, 1688	O	N	Do.
Cattle Point, Wash.....	NFN	800.....	RC	(4)	Do.
Cavite, P. I.....	NPO	600, 976, 2400, 2700, 3960, 5200, 9145, 11500, 13900	PG	N	Do.
Cayey, P. R. (El Cayey).....	NZR	9145, 10110, 10510	O	N	Do.

* See footnotes to this table on p. 84.

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

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Charleston Light Vessel (L. V. No. 34).	NAZJ	300, 378, 476, 600, 756, 952	O	X	U. S. Navy.
Charleston, S. C.	NAO	366, 600, 976, 2250, 2400, 3960, 4800	PG	N	Do.
Chatham, Mass.	NXA	800	RC	X	Do.
Chatham, Mass. (regular station)	NXA	600, 976, 1870	O	N	Do.
Cheyenne, Wyo.	KDEG		O	(⁶)	Post Office Department.
Chicago, Ill.	KDQA		O	X	Do.
Chicago, Ill.	NUR	600, 700	PG	N	U. S. Navy.
Chicago, Ill.	WVT		O	N	U. S. Army.
Cincinnati, Ohio.	KDQC	3600, 3800	O	(¹⁰)	Post Office Department.
Circle, Alaska	WVA	1350	PG	(⁷)	U. S. Army. ¹⁰
Cleveland, Ohio.	NRH	600, 1090, 2400 3800, 4250	PG	N	U. S. Navy.
Cleveland, Ohio.	WVO		O	X	Post Office Department.
Coco Solo, C. Z.	NNL	507, 2750	O	N	U. S. Navy.
Colon, C. Z.	NAX	600, 976, 2750	PG	N	Do.
Columbia River Light Vessel (L. V. No. 88).	NAJT	300, 600	PG	X	Do.
Cordova, Alaska.	NPA	600, 976, 2400, 2700, 3960, 5950, 7100, 7500	PG	N	Do.
Cornfield Point Light Vessel (L. V. No. 48).	NASC	300, 378, 476, 600, 756, 952	O	X	Do.
Craig, Alaska	WXO	600	PR	(⁷)	U. S. Army. ¹⁰
Cross Rip Light Vessel (L. V. No. 20).	NAQB	300, 378, 476, 600, 756, 952	O	X	U. S. Navy.
Deer Island, Mass.	NAD	800	RC	N	Do.
Detour Point, Mich.	NZU	800	RC	N	Do.
Detroit, Mich.	NRQ	600, 975	PG	N	Do.
Diamond Shoals Light Vessel (L. V. No. 72).	NITQ	300, 600	PG	X	Do.
Duluth, Minn.	NUX	600, 1200	PG	N	Do.
Dutch Harbor, Alaska.	NPR	600, 976, 2250	PG	N	Do.
Eagle Harbor, Mich.	NUG	600, 700	PG	N	Do.
Elko, Nevada.	KDEJ	2200, 3400	O	(⁶)	Post Office Department.
Empire, Oreg.	NPF	800	RC	N	U. S. Navy.
Eureka, Calif.	NPW	800	RC	N	Do.
Eureka, Calif. (regular station)	NPW	600, 976, 2400 2650, 3960	PG	N	Do.
Fairbanks, Alaska.	WVB	1500	PG	(⁷)	U. S. Army. ¹⁰
Farrallon Island, Calif.	NPI	800	RC	N	U. S. Navy.
Fenwick Island Shoal Light Vessel (L. V. No. 52).	NAJS	300, 378, 476, 600, 756, 952	O	X	Do.
Fire Island Light Vessel (L. V. No. 68).	NLS	300, 378, 476, 600, 756, 952, 1200	O	X	Do.
Five Fathom Bank Light Vessel (L. V. No. 79).	NADV	300, 600, 952	O	X	Do.
Folly Island, S. C.	NZV	800	RC	N	Do.
Fort Adams, R. I.	WUU	Variable	O	X	U. S. Army.
Fort Andrews, Mass.	WUA	1100	O	X	Do.
Fort Barrancas, Fla.	WZD	600, 800, 1000, 1150, 1230	O	X	Do.
Fort Benjamin Harrison, Ind.	WVS		O	X	Do.
Fort Bliss, Tex.	WZO	3100, 6000, 7000, 8000, 10000	O	N	Do.
Fort Brown, Brownsville, Tex.	WUZ	1350, 1700, 2100, 2700, 3100, 4700, 6300, 7000	O	N	Do.
Fort Casey, Wash.	WZJ	500	O	X	Do.
Fort Caswell, N. C.	WUT	825	O	X	Do.
Fort Constitution, N. H.	WZE	300, 400, 500, 600, 700, 800, 900, 1000	O	(⁹)	Do.
Fort Crockett, Tex.	WUX	600, 900	O	X	Do.
Fort Dade, Fla.	WZK	825	O	X	Do.
Fort D. A. Russel, Wyo.	WVW		O	N	Do.
Fort Douglas, Utah.	WVX		O	N	Do.
Fort Drum, P. I.	WUAL	430	O	X	Do.
Fort Du Pont, Del.	WZN		O	X	Do.
Fort Egbert, Alaska.	WVC	1500	PG	(⁷)	Do. ¹⁰

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

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Fort Frank, P. I.	WVL		O	X	U. S. Army.
Fort Gibbon, Alaska	WVD	2000	PG	(?)	Do.
Fort Hancock, N. J.	WUB	1200	O	X	Do.
Fort H. G. Wright, N. Y.	WUC	600	O	X	Do.
Fort Howard, Md.	WVQ		O	X	Do.
Fort Huachuca, Ariz.	WZP	2300, 2750	O	N	Do.
Fort Levett, Me.	WUE	300, 1300	O	X	Do.
Fort McPherson, Ga.	WVR		O	N	Do.
Fort Mills, P. I.	WVN	300, 600, 825, 1200	O	N	Do.
Fort Monroe, Va.	WUF	400, 600, 825, 1100	O	X	Do.
Fort Morgan, Ala.	WUR	600, 1200	O	X	Do.
Fort Moultrie, S. C.	WZF	600, 825	O	X	Do.
Fort Omaha, Nebr.	WVU		O	N	Do.
Fort Riley, Kans.	WUI	1200	O	X	Do.
Fort Rosecrans, Calif.	WUS	300, 575	O	X	Do.
Fort Sam Houston, Tex.	WUJ	3100, 4700, 6300, 7500, 9500	O	N	Do.
Fort San Jacinto, Tex.	WUY	300, 1200	O	X	Do.
Fort Screven, Ga.	WZA	825	O	X	Do.
Fort Sill, Okla.	WUBD		O	X	Do.
Fort Stevens, Oreg.	NPE	800	RC	N	U. S. Navy.
Fort Stevens, Oreg.	WUK	1100	O	X	U. S. Army.
Fort St. Michael, Alaska	WVE	600, 1000	PG	N	Do. ¹⁰
Fort Storey, Va.	WXZ	360, 525, 825, 1100	O	X	Do.
Fort Terry, N. Y.	WUW	Variable	O	X	Do.
Fort Totten, N. Y.	WUL	600, 800, 1100, 1200	O	N	Do.
Fort Travis, Tex.	WXP	600, 900	O	X	Do.
Fort Washington, Md.	WXG	825, 1200	O	X	Do.
Fort Whitman, Wash.	WZC	400, 1100	O	X	Do.
Fort Winfield Scott, Calif.	WUO	1100	O	X	Do.
Fort Wint, P. I.	WUAK	1200	O	X	Do.
Fort Wordan, Wash.	WUN	1200	O	(?)	Do.
Fort Yukon, Alaska	WXX	600	PG	(?)	Do. ¹⁰
Fourth Cliff, Mass.	NAD	800	RC	N	U. S. Navy.
Frying Pan Shoals Light Vessel (L. V. No. 94).	NLC	300, 600	O	X	Do.
Galveston, Tex.	NKB	600, 975, 1813	PG	N	Do.
Gloucester, Mass.	NAD	800	RC	N	Do.
Governors Island, N. Y.	WVP		O	N	U. S. Army.
Grand Island, La.	NLI	800	RC	N	U. S. Navy.
Grand Marias, Mich.	NZT	800	RC	N	Do.
Great Lakes, Ill.	NAJ	600, 1988, 3800, 3950, 4900	PG	N	Do.
Great Round Shoals Light Vessel (L. V. No. 66).	NABJ	300, 600	PG	X	Do.
Guam, Guam Island	NPN	600, 975, 2250, 2400, 3950, 5950, 9145, 11500, 13900	PG	N	Do.
Guantanamo, Cuba	NAW	150, 600, 975, 1870, 2400, 3950, 4525	PG	N	Do.
Handkerchief Light Vessel (L. V. No. 3).	NAQS	300, 378, 476, 600, 756, 952	O	X	Do.
Heald Bank Light Vessel (L. V. No. 81).	NLP	300, 378, 476, 600, 756, 952	O	X	Do.
Hedge Fence Light Vessel (L. V. No. 9).	NATD	300, 600	PG	N	Do.
Heeia Point, Hawaii. (See Honolulu, Hawaii.)					
Hempstead, N. Y.	WVU		O	X	Post Office Department.
Hen and Chickens Light Vessel (L. V. No. 42).	NAPP	300, 378, 476, 600, 756, 952	O	X	U. S. Navy.
Hog Island, Va.	NCZ	800	RC	N	Do.
Holy Cross, Alaska	WVK	600	PG	(?)	U. S. Army. ¹⁰
Honolulu, Hawaii (Pearl Harbor)	NPM	600, 975, 2250, 9145, 9800, 11500	O	N	U. S. Navy.
Honolulu, Hawaii (Heeia Point)	NPM	600, 975, 2250, 2400, 2650, 3950, 4800, 7900, 8875	O	N	Do.

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

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Iditarod, Alaska.....	WXL	300, 600, 600, 1650	PG	(11)	U. S. Army.
Imperial Beach, Calif.....	NPL	800.....	RC	N	U. S. Navy.
Indian Head, Md.....	NBG	365.....	O	N	Do.
Iowa City, Iowa.....	KDTS	.....	O	X	Post Office Department.
Jefferson Barracks, Mo.....	WVU	.....	O	X	U. S. Army.
Juneau, Alaska.....	NVD	600, 975, 2250.	PG	N	U. S. Navy.
Jupiter, Fla.....	NAQ	600, 975, 1688.	PG	N	Do.
Ketchikan, Alaska.....	NVH	600, 975, 1870, 2400, 4525, 6000	PG	N	Do.
Key West, Fla. (regular station).....	NAR	600, 975, 1988, 2400, 3960, 5700	PG	N	Do.
Key West, Fla.....	NAR	800.....	RC	N	Do.
Kodiak, Alaska.....	NPS	600, 975, 1688.	PG	N	Do.
Kotlik, Alaska.....	WVYF	600, 800.....	PG	(7)	U. S. Army. ¹⁰
Lakchurst, N. J.....	NEL	507.....	O	N	U. S. Navy.
La Palma, Panama.....	NNW	600, 1815.....	PG	N	Do.
Laredo, Tex.....	WUH	1350, 1665, 1975, 2275, 2550, 3050	O	N	U. S. Army.
Livengood, Alaska.....	WUV	300, 600.....	PG	(12)	Do.
Mackinac Island, Mich.....	NUD	600, 975.....	PG	N	U. S. Navy.
Managua, Nicaragua.....	NAZ	600, 975, 1832.	O	N	Do.
Manila, P. I.....	WUJ	600.....	O	X	U. S. Army.
Manistique, Mich.....	NUB	600, 1080.....	PG	N	U. S. Navy.
Marlton, N. J.....	NAH	800.....	RC	N	Do.
Marshfield, Oreg.....	NPF	600, 975, 1948.	O	N	Do.
Martins Industry Light Vessel (L. V. No. 1).	NART	300, 374, 476, 600, 756, 952	O	X	Do.
McGrath, Alaska.....	WXV	600, 1100.....	PG	X	U. S. Army.
Memphis, Tenn.....	WYDB	600, 756, 952, 1200, 1500, 1900	O	(9)	Inland and Coastwise Waterways Service.
Miami, Fla.....	NGE	600, 975, 1620.	PG	N	U. S. Navy.
Milwaukee, Wis.....	NUK	600, 975.....	PG	N	Do.
Minneapolis, Minn.....	KDPB	.....	O	X	Post Office Department.
Mobile, Ala.....	NGT	600, 975, 1654.	PG	N	U. S. Navy.
Morehead City, N. C.....	NAN	600, 975, 1654.	PG	N	Do.
Nantucket Shoals Light Vessel (L. V. No. 85).	NLA	600.....	O	N	Do.
Naval Academy, Md. (See Annapolis, Md.)					
Navassa Island, W. I.....	NKC	365.....	PG	N	Do.
New Dungeness, Wash.....	NFT	800.....	RC	(4)	Do.
New Orleans, La.....	NAT	600, 975, 1832, 2400, 3960, 4650	O	N	Do.
New Orleans, La.....	WYDC	600, 1832.....	O	N	Inland and Coastwise Waterways Service.
Newport, R. I.....	NAF	150, 600, 975, 1908	O	N	U. S. Navy.
New York, N. Y.....	NAH	150, 600, 975, 1832, 2400	O	N	Do.
Nome, Alaska.....	WVG	600, 2000, 2500, 3000	PG	(7)	U. S. Army. ¹⁰
Noorvik, Alaska.....	WVM	1400.....	PR	N	Do. ¹⁰
Norfolk, Va.....	NAM	150, 600, 975, 1851, 2400, 3960, 5450	PG	N	U. S. Navy.
Northeast End Light Vessel (L. V. No. 44).	NARS	300, 600, 952..	O	X	Do.
North Head, Wash.....	NPE	600, 975, 2700.	PG	N	Do.
North Island, S. C.....	NZW	800.....	RC	N	Do.
North Platte, Nebr.....	KDEM	2900, 3400.....	O	(6)	Post Office Department.
North Truro, Mass.....	NAE	800.....	RC	N	U. S. Navy.
Nulato, Alaska.....	WVH	1400.....	PG	(7)	U. S. Army. ¹⁰
Ocean Park, Wash.....	NPE	800.....	RC	N	U. S. Navy.
Olongapo, P. I.....	NPT	600, 975, 1908.	PG	N	Do.
Omaha, Nebr.....	KDEF	1050, 2900.....	O	(6)	Post Office Department.
Overfalls Light Vessel (L. V. No. 69).	NAKT	300, 378, 476, 600, 756, 952	O	X	U. S. Navy.
Parris Island, S. C.....	NAV	365, 600.....	PG	N	Do.
Pearl Harbor, Hawaii. (See Honolulu, Hawaii.)					
Pekin, China.....	NPP	975, 1908, 3960, 4525	O	N	Do.

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

Station.	Call signal.	Wave lengths.	Serv-ice.	Hours.	Station controlled by—
Pensacola, Fla.	NAS	607, 600, 975, 2250	PG	N	U. S. Navy.
Philadelphia, Pa.	NAI	600, 975, 1948.	O	N	Do.
Point Arguello, Calif.	NPK	800	RC	N	Do.
Point Fermin, Calif.	NPX	800	RC	N	Do.
Point Hueneme, Calif.	NMD	800	RC	N	Do.
Point Isabel, Tex.	NAY	600, 975, 2250, 2400, 3960, 5000	PG	N	Do.
Point Loma, Calif.	NPL	800	RC	N	Do.
Point Montara, Calif.	NLH	800	RC	N	Do.
Point Reyes, Calif.	NLG	800	RC	N	Do.
Pollock Rip Light Vessel (L. V. No. 47)	NANS	300, 378, 476, 600, 756, 952	O	X	Do.
Pollock Rip Blue Light Vessel (L. V. No. 73).	NAFT	300, 378, 476, 600, 756, 952	PG	X	Do.
Port Angeles, Calif.	NFT	800	RC	N	Do.
Port Arthur, Tex.	NJY	600, 975, 1620.	PG	N	Do.
Port Au Prince, Haiti.	NSC	600, 975, 2250, 2400, 3825, 3960	PG	N	Do.
Port Eads, La.	WZH	600, 1100	O	N	U. S. Army.
Portland, Me.	NAB	600, 1620	O	N	U. S. Navy.
Portland Light Vessel (L. V. No. 74).	NAMS	300, 378, 476, 600, 756, 952	O	X	Do.
Portsmouth, N. H.	NAC	600, 975, 1813.	O	N	Do.
Poyner's Hill, N. C.	NCZ	800	RC	N	Do.
Prices Neck, R. I.	NAF	800	RC	N	Do.
Puerto Obaldia, Panama	NRK	600, 1988	PG	N	Do.
Puget Sound, Wash.	NPC	600, 975, 1988, 3960, 5450, 7100, 7600, 7900	PG	N	Do.
Quantico, Va.	NFV	607, 600	O	N	Do.
Ram Island Reef Light Vessel (L. V. No. 23).	NARX	300, 600	PG	N	Do.
Relief Light Vessel No. 4.	NAZV	300, 378, 476, 600, 756, 952	O	X	Do.
Relief Light Vessel No. 16.	NASK	300, 600, 952.	O	X	Do.
Relief Light Vessel No. 49.	NESC	300, 378, 476, 600, 756, 952	O	X	Do.
Relief Light Vessel No. 53.	NAJC	300, 600	O	X	Do.
Relief Light Vessel No. 78.	NITR	300, 378, 476, 600, 756, 952	O	X	Do.
Relief Light Vessel No. 86.	NAJJ	300, 600, 952.	O	X	Do.
Relief Light Vessel No. 90.	NITS	300, 378, 476, 600, 756, 952	O	X	Do.
Reno, Nev.	KDEK	2200, 2800	O	(^u)	Post Office Department.
Rock Springs, Wyo.	KDHN	2900, 3200	O	(^s)	Do.
Salt Lake City, Utah	KDEH	2200, 3600	O	(^s)	Do.
San Diego, Calif.	NPL	600, 975, 1988, 2400, 3960, 5200, 9800, 10110, 11500, 17145	PG	N	U. S. Navy.
San Domingo City, D. R.	NJG	600	PG	N	Do.
Sandy Hook, N. J.	NAH	800	RC	N	Do.
San Francisco, Calif., Light Vessel (L. V. No. 70).	NAKS	600, 756	O	X	Do.
San Francisco, Calif.	NPG	150, 600, 975, 1908, 2400, 2900, 3960, 4650, 4800, 7100, 7900, 8875, 13900, 17145	O	N	Do.
San Francisco, Calif. (Presidio of San Francisco).	WVY		O	N	U. S. Army.
San Juan, P. R.	NAU	600, 975, 2400, 2750, 3960, 5200	PG	N	U. S. Navy.
San Pedro, Calif.	NPX	150, 365, 600, 975, 1351, 2400, 2750, 3960, 4525	PG	N	Do.
Savannah, Ga.	NEV	600, 1813	PG	N	Do.
Sayville, N. Y.	NDD	9145, 10510	O	N	Do.
Scotland Light Vessel (L. V. No. 11).	NARV	300, 600, 952.	O	X	Do.
Seattle, Wash.	NVL	600, 700, 2400.	PG	N	Do.
Seward, Alaska.	NPV	600, 1904	PG	N	Do.
Shanghai, China (receiving station only, American consulate).	NPJ	Variable	O	X	Do.
Sitka, Alaska.	NPB	600, 975, 2400, 2650, 3960, 4800	PG	N	Do.

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

Station.	Call signal.	Wave lengths.	Serv-ice.	Hours.	Station controlled by—
Smith Island, Wash.	NFH	800	PG	(¹)	
Soapstone Point, Alaska	NWU	800	RC	N	U. S. Navy.
South Pass Light Vessel (L. V. No. 102).	NAGT	300, 378, 476, 600, 756, 952	O	X	Do.
St. Augustine, Fla.	NAP	600, 975, 1851.	PG	N	Do.
St. Croix, V. I.	NNI	450, 800	PG	N	Do.
St. George, Alaska.	NPY	600, 675	PG	N	Do.
St. Louis, Mo.	WYDA	600, 756, 952, 1200, 1500, 1900	O	(²)	Inland and Coastwise Waterways Service.
St. Paul, Alaska.	NPQ	600, 975, 2650, 3950, 5700	PG	N	U. S. Navy.
St. Petersburg, Fla.	NGL	600, 975, 2400, 2700, 3700, 3950	O	N	Do.
St. Thomas, V. I.	NBB	600, 975, 1688.	PG	N	Do.
Stone Horse Shoal Light Vessel (L. V. No. 5).	NANT	300, 378, 476, 600, 756, 952	O	X	Do.
Surfside, Mass.	NBS	800	RC	N	Do.
Swiftnure Bank Light Vessel (L. V. No. 93).	NABT	300, 600	PG	N	Do.
Tail of Horseshoe Light Vessel (L. V. No. 46).	NAZR	300, 378, 476, 600, 756, 952	O	X	Do.
Tatoosh, Wash. (regular station).	NPD	600, 975, 1654.	PG	N	Do.
Tatoosh, Wash.	NPD	800	RC	N	Do.
Thunder Bay Island, Mich.	NSM	800	RC	N	Do.
Tien-Tsin, China.	WYX	600, 1000	O	N	U. S. Army.
Tutuila, Samoa.	NPU	600, 975, 2250, 2400, 3950, 4525	PG	N	U. S. Navy.
Umatilla Reef Light Vessel (L. V. No. 67).	NACV	300, 600	PG	N	Do.
Vineyard Sound Light Vessel (L. V. No. 41).	NACX	300, 378, 476, 600, 756, 952	O	X	Do.
Virginia Beach, Va.	NCZ	800	RC	N	Do.
Vladivostok, Russia.	NPH	3950, 7000	O	N	Do.
Washington, D. C. (Arlington).	NAA	2650, 3950, 5950	PG	N	Do.
Washington, D. C. (Navy Yard).	NAL	2650, 3950	O	N	Do.
Washington, D. C. (laboratory, Bureau of Standards).	NSJ		O	X	Do.
Washington, D. C. (laboratory, Bureau of Standards).	WUQ		O	X	U. S. Army.
Washington, D. C. (laboratory, Bureau of Standards).	WWV		O	X	Department of Commerce.
Washington, D. C.	WWX	3650, 3800	O	(¹⁴)	Post Office Department.
Washington, D. C. (Signal Corps laboratory).	WXY		O	X	U. S. Army.
Whitefish Point, Mich.	NZT	800	RC	N	U. S. Navy.
Winter Quarter Shoals Light Vessel (L. V. No. 91).	NADT	300, 600, 952	O	X	Do.
Wrangell, Alaska.	WVJ	475	PG	(¹)	U. S. Army.

¹ 8 to 10 p. m. daily; 9 to 10 a. m. Sunday.

² 8 a. m. to 12 midnight.

³ 8 to 12 a. m.; 1 to 5 p. m.

⁴ Midnight to 2 a. m.; 4 to 6 a. m.; 4 to 6 p. m.; 8 to 10 p. m.

⁵ 3 a. m. to 7 p. m.

⁶ 4 a. m. to 8 p. m.

⁷ 8 a. m. to 8 p. m.

⁸ 8 a. m. to 12 noon; 1 to 5 p. m.

⁹ 8 a. m. to 5 p. m.

¹⁰ Operated in connection with the Washington-Alaska Cable & Telegraph System.

¹¹ 9 a. m. to 7 p. m.

¹² 9.30 to 10 a. m.; 1 to 1.30 p. m.; 4 to 4.30 p. m.

¹³ 2 a. m. to 6 p. m.

¹⁴ 7 a. m. to 9 p. m.

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	Biddle.....	NVW	Carrabaset.....	NEVQ
Abarenda.....	NOB	Billingsley.....	NUPQ	Case.....	NUNX
Abbot.....	NEZS	Birmingham.....	NCN	Cassdn.....	NIK
Abel P. Upshur.....	NUJD	Bittern.....	NIJR	Cayuga.....	NAFP
Acushnet (C. G. C.).....	NRU	Black Hawk.....	NAJD	Cedar (L. H. T.).....	NLW
Ajax.....	NAKD	Blakely.....	NVX	Celtic.....	NDB
Alameda.....	NUGJ	Bobolink.....	NIJJ	Champlin.....	NEKQ
Alban.....	NBJ	Boggs.....	NAMT	Chandler.....	NAGL
Alden.....	NULK	Boreas.....	NALM	Charles Ausburne.....	NUPR
Alert.....	NBL	Borie.....	NULL	Charles S. Osborne.....	NABG
Algonquin (C. G. C.).....	NRA	Boston.....	NGC	Charleston.....	NFE
Algorna.....	NEVP	Bothwell (C. G. C.).....	NEKD	Charlotte.....	NMN
Allegheny.....	NACZ	Boyce (C. G. C.).....	NISD	Chase.....	NUMK
Allen.....	NJD	Branch.....	NEML	Chattanooga.....	NGI
Altair.....	NURJ	Brant.....	NAFF	Chaumont.....	NISV
Amaranth.....	NAPT	Brazos.....	NIFK	Chauncey.....	NIFF
Ammen.....	NBP	Breck.....	NULZ	Chemung.....	NARG
Androsoggin (C. G. C.).....	NRD	Breckinridge.....	NERZ	Chester.....	NDG
Anemone (L. H. T.).....	NABP	Breese.....	NESM	Chew.....	NEMZ
Annapolis.....	NBR	Bridge.....	NOI	Chewink.....	NIJV
Antares.....	NATB	Bridgeport.....	NGR	Cheyenne.....	NDH
Anthony.....	NEVS	Brooks.....	NEZX	Chicago.....	NDI
Apache (C. G. C.).....	NACB	Broome.....	NEPF	Childs.....	NULN
Apo.....	NUDP	Bruce.....	NUPS	Cincinnati.....	NISN
Aramis.....	NARP	Brutus.....	NNA	Claxton.....	NEQZ
Arapho.....	NBP	Buchanan.....	NEQS	Clemson.....	NEZT
Arbutus (L. H. T.).....	NAGM	Buffalo.....	NCU	Cleveland.....	NDM
Arcata (C. G. C.).....	NADD	Buford.....	WXA	Coast Torpedo Boat No. 6.....	NIFT
Arctic.....	NAFR	Bulmer.....	NUPN	Coghlan.....	NUPK
Arethusa.....	NBU	Burns.....	NAFS	Cole.....	NEST
Argonne.....	NISX	Burnside.....	WXR	Colhoun.....	NAJL
Arizona.....	NBW	Burrows.....	NCV	Colonel Albert Todd.....	WYBI
Arkansas.....	NBV	Bush.....	NETT	Col. Garland N. Whis- tler.....	WYBJ
Aroostook.....	NMK	Bushnell.....	NZC	Colonel George Armi- stead.....	WYG
Asheville.....	NELV	Cadmus.....	WUAB	Colonel George F. E. Harrison.....	WYBE
Atlantic.....	NENN	Caesar.....	NCY	Col. John V. White.....	WYBK
Aulick.....	NERG	Cahokia.....	NITV	Colorado.....	NECR
Avocet.....	NADP	Cairo.....	WYDF	Columbia.....	NAXL
Aylwin.....	NIH	Caldwell.....	NSI	Columbine (L. H. T.).....	NLL
Azalea (L. H. T.).....	NXU	California.....	NDF	Comanche (C. G. C.).....	NRW
Babbitt.....	NEPX	Camden.....	NAPR	Comfort.....	NDO
Bache (C. & G. S.).....	NLK	Canandaigua.....	NCR	Commodore.....	NLE
Badger.....	NEPT	Canopus.....	NIRX	Concord.....	NIRV
Bagaduce.....	NAZP	Capella.....	NAZK	Connecticut.....	NDQ
Bagley.....	NVU	Captain A. M. Weth- erill.....	WYT	Conner.....	NSN
Bailley.....	NCF	Captain Charles W. Rowell.....	WYI	Constellation.....	NEDF
Bainbridge.....	NUQL	Captain Clarence M. Condon.....	WYBY	Constellation (old).....	NEY
Balch.....	NIJ	Capt. Edward P. Nones.....	WYBP	Constitution.....	NEBF
Ballard.....	NIGN	Captain Edwin C. Long.....	WYBO	Constitution (old).....	NLZ
Baltimore.....	NCH	Captain Fred L. Perry.....	WYBN	Contocook.....	NELR
Bancroft.....	NAJQ	Captain Gregory Bar- rett.....	WYP	Converse.....	NAPM
Barker.....	NUJK	Captain James For- nance.....	WYM	Conyngham.....	NJE
Barney.....	NVU	Capt. Samuel C. Card- well.....	WYBM	Cook (C. G. C.).....	NIGT
Barry.....	NUQP	Captain T. M. Morri- son.....	WYZ	Cormorant.....	NIKV
Bath.....	NHY	Cardinal.....	NAFN	Corry.....	NUQZ
Baton Rouge.....	WYDI	Carr (C. G. C.).....	NEXP	Cowell.....	NETV
Bayspring.....	NISZ			Crane.....	NIFB
Beale.....	NCL			Craven.....	NERJ
Bear (C. G. C.).....	NRB			Crook.....	WXB
Beaufort.....	NGP			Crosby.....	NEZS
Beaver.....	NEQQ			Crownshield.....	NADF
Belknap.....	NEZZ				
Bell.....	NATG				
Benham.....	NIJ				
Bernadou.....	NESS				

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Cuba.....	WYCA	Eagle 42.....	NIBL	General R. H. Jackson.....	WYW
Culgoa.....	NDU	Eagle 43.....	NIBP	General Richard Arnold.....	WYY
Cumberland.....	NSZ	Eagle 44.....	NIBQ	General R. N. Batchelder.....	WZW
Cummings.....	NIL	Eagle 45.....	NIBR	General Robert Anderson.....	WYH
Curacao.....	NAGQ	Eagle 46.....	NIBS	General Robert W. Swartout.....	WYU
Curlew.....	NIJB	Eagle 47.....	NIBT	General Royal T. Frank.....	WYA
Cushing.....	NIM	Eagle 48.....	NIBV	General S. B. Holabird.....	WYV
Cuyama.....	NOD	Eagle 49.....	NIBX	General S. M. Mills.....	WYB
Cyan.....	NIFV	Eagle 50.....	NIBZ	General Timothy Pickering.....	WZQ
Cygan (C. G. C.).....	NICP	Eagle 51.....	NICB	General Wallace F. Randolph.....	WYBG
Cypress (L. H. T.).....	NLM	Eagle 52.....	NICC	General William M. Graham.....	WYBD
Cyrus W. Field.....	WYBC	Eagle 53.....	NICD	George E. Badger.....	NUJG
D-1.....	NXP	Eagle 54.....	NICF	Georgia.....	NGF
D-2.....	NXQ	Eagle 55.....	NICG	Gillis.....	NERR
D-3.....	NXR	Eagle 56.....	NICJ	Gilmer.....	NERB
Dahlgren.....	NVZ	Eagle 57.....	NICK	Glacier.....	NGH
Dale.....	NUND	Eagle 58.....	NICL	Goff.....	NUQF
Dallas.....	NENM	Eagle 59.....	NICM	Goldsborough.....	NGJ
Davis.....	NJF	Eagle 60.....	NICN	Gold Star.....	NASJ
Decatur.....	NUQV	Earp (C. G. C.).....	NEKF	Gorgona.....	NDJ
Delaware.....	NEK	Edsall.....	NUPM	Graham.....	NAGJ
De Long.....	NWB	Edwards.....	NIGL	Grebe.....	NIKX
Delphy.....	NEZQ	Eider (U. S. Navy).....	NIKR	Greene.....	NIGM
Denebola.....	NIRZ	Eider (Bureau of Fisheries).....	NURK	Greer.....	NERT
Dent.....	NEGF	El Cano.....	NFD	Gregory.....	NAJR
Denver.....	NEM	Elliott.....	NERV	Gresham (C. G. C.).....	NRG
Des Moines.....	NEN	Ellis.....	NIFV	Gridley.....	NEMX
Despatch.....	NIDF	Ericsson.....	NIS	Gulfport.....	NHS
Detroit.....	NISP	Evans.....	NEMS	Gwalla.....	WUAD
Dickerson.....	NAFC	Explorer (C. & G. S.).....	NAVM	Gwin.....	NAGX
Discoverer.....	NIJT	F-2.....	NXV	Gypsum Prince.....	WUAC
Dixie.....	NEP	F-3.....	NXW	H-2.....	NYD
Dobbin.....	NUNR	Fairfax.....	NTN	H-3.....	NYE
Dolphin.....	NEQ	Falcon.....	NEKN	H-4.....	NEQM
Dorsey.....	NELG	Fanning.....	NFM	H-5.....	NETG
Downes.....	NIN	Farenholt.....	NECK	H-6.....	NEFC
Doyen.....	NUJS	Farquhar.....	NANZ	H-7.....	NEJS
Drayton.....	NET	Farragut.....	NVS	H-8.....	NELN
Dreadnought.....	NCX	Fathom (C. & G. S.).....	NESR	H-9.....	NEBV
Dubucque.....	NEU	Fern (L. H. T.).....	NAFV	Haida.....	NITF
Duncan.....	NIR	Finch.....	NAJP	Hale.....	NACL
Dupont.....	NWC	Flamingo.....	NIJN	Hamilton.....	NIFL
Dyer.....	NACN	Florida.....	NFR	Hancock.....	NHI
E-1.....	NXS	Flusser.....	NUNF	Hannibal.....	NGU
E-2.....	NXT	Foote.....	NWF	Haraden.....	NEXZ
Eagle 1.....	NEJB	Ford.....	NUQJ	Harbor tug No. 61.....	NUMX
Eagle 2.....	NEJC	Fortune.....	NEGS	Harbor tug No. 63.....	NULD
Eagle 3.....	NEJD	Fox.....	NWJ	Harbor tug No. 64.....	NUMT
Eagle 4.....	NEJF	Frederick.....	NJS	Harbor tug No. 67.....	NULG
Eagle 5.....	NEJG	Fuller.....	NIFG	Harbor tug No. 68.....	NUMB
Eagle 6.....	NEJJ	Fulton.....	NZD	Harbor tug No. 74.....	NEKP
Eagle 7.....	NEJK	G-2.....	NXZ	Harding.....	NEMV
Eagle 8.....	NEJL	G-3.....	NYA	Hart.....	NENV
Eagle 9.....	NEJM	G-4.....	NYB	Hartford.....	NGV
Eagle 10.....	NEJN	Galveston.....	NGD	Hatfield.....	NEZV
Eagle 11.....	NEJP	Gamble.....	NEZR	Hazlewood.....	NENS
Eagle 12.....	NEJQ	Gaunet.....	NIJX	Heather (L. H. T.).....	NAKL
Eagle 13.....	NEJR	General Absalon Baird.....	WYBA	Holens.....	NGY
Eagle 14.....	NEJS	General Alava.....	NAMG	Henderson.....	NOH
Eagle 15.....	NEJT	General A. M. Randall.....	WYJ	Henley.....	NHA
Eagle 17.....	NEJX	General Edmund Kirby.....	WYBF	Henry Wilson.....	WZS
Eagle 18.....	NEJZ	General E. O. Ord.....	WYF	Henshaw.....	NUJQ
Eagle 19.....	NEKB	General George H. Weeks.....	WZT	Herbert.....	NEMJ
Eagle 21.....	NEKG	General G. W. Getty.....	WYS	Hercules.....	NEKR
Eagle 24.....	NEKJ	General Harvey Brown.....	WYK	Herdon.....	NENJ
Eagle 26.....	NEXF	General Henry J. Hunt.....	WYD	Heron.....	NENL
Eagle 27.....	NEXG	General Henry Knox.....	WYE	Hibiscus (L. H. T.).....	NAKN
Eagle 28.....	NEXM	General J. Franklin Bell.....	WYBB	Hogan.....	NEXT
Eagle 29.....	NEXN	General J. M. Brainan.....	WZB	Holland.....	NIRM
Eagle 31.....	NEZG	General John M. Schofield.....	WXW	Hopewell.....	NEXX
Eagle 32.....	NEZI	General John P. Story.....	WYBH	Hopkins.....	NUQM
Eagle 33.....	NIBB	General Miffin.....	WZX		
Eagle 34.....	NIBD	General Nathaniel Greene.....	WZR		
Eagle 35.....	NIBG	General R. B. Ayres.....	WYL		
Eagle 36.....	NIBK				
Eagle 37.....	NIBM				
Eagle 38.....	NIBN				
Eagle 39.....	NIBC				
Eagle 40.....	NIBF				
Eagle 41.....	NIBJ				

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Housatonic.....	NFX	Lamberton.....	NAZL	Maumee.....	NNE
Houston.....	NOZ	Lambson.....	NUNC	Maury.....	NEPQ
Hovey.....	NEPB	Langley.....	NNC	Mayflower (Presi-	
Howard.....	NIFM	Landsdale.....	NERL	dent's yacht).....	NJV
Hulbert.....	NUKD	Lapwing.....	NALC	Mayflower (L. H. T.)..	NZQ
Hull.....	NUQT	Laramie.....	NUGL	Mavrant.....	NJU
Humphreys.....	NUKX	Lardner.....	NUPF	McCall.....	NJW
Hunt.....	NUJF	Lark.....	NIJK	McCalla.....	NIQC
Huntington.....	NWJG	Larkspur (L. H. T.)..	NAMB	McCawley.....	NULS
Huron.....	NSX	Larsen (C. G. C.)....	NITK	McCook.....	NIGB
Hyacinth (L. H. T.)..	NAGV	Laub.....	NIJG	McCormick.....	NUPZ
Idaho.....	NHN	Laurel (L. H. T.)....	NALV	McDermut.....	NIGG
Illinois.....	NHO	La Vallette.....	NUJT	McDougal.....	NIT
Indiana.....	NIRS	Lawrence.....	NUQQ	McFarland.....	NETB
Ingraham.....	NENX	Lea.....	NETF	McCourt (C. G. C.)..	NEJV
Intrepid.....	NFY	Leary.....	NAFL	McKean.....	NEMT
Iowa.....	NIRP	Leonidas.....	NNH	McKee.....	NACQ
Iris (L. H. T.).....	NALL	Lexington.....	NEDB	McLanahan.....	NIGK
Iroquois.....	NHIV	Lieut. Geo. M. Harris..	WYR	Meade.....	NEBJ
Isberwood.....	NUNV	Lieut. Harold G. Douglas.....	WYBQ	Medusa.....	NEMC
Israel.....	NENG	Lieut. Col. Herman C. Schum.....	WYBS	Mehalatos (C. G. C.)..	NIDL
Itasca (C. G. C.)....	NRI	Lieut. Col. Robert C. Gildart.....	WYBR	Meigs.....	WXD
Ivy (L. H. T.).....	NAKV	Lilac (L. H. T.).....	NUCF	Melville.....	NKA
Jacob Jones.....	NEPV	Liscum.....	WXE	Melvin.....	NURC
James K. Paulding...	NUJM	Litchfield.....	NUMM	Memphis.....	NISS
Jarvis.....	NIB	Little.....	NRT	Memphis.....	WYDJ
Jason.....	NNB	Logan.....	WXF	Mercy.....	NKK
J. D. Long.....	NEPD	Long Beach.....	NEFZ	Meredith.....	NETS
Jenkins.....	NID	Louisiana.....	NJB	Merritt.....	WXI
J. Fred Talbot.....	NIGR	Luca.....	NEGD	Mervine.....	NUMJ
Johansson (C. G. C.)..	NIQP	Ludlow.....	NENZ	Mexican.....	NAMC
John D. Edwards.....	NUPC	Lydonia (C. & G. S.)..	NDR	Meyer.....	NUJR
John Francis Burnes..	NIGQ	Lykens.....	NALK	Michigan.....	NJZ
Joseph Henry.....	WXT	M-1.....	NYV	Milwaukee.....	NISM
Jouett.....	NIE	MacDonough.....	NUQR	Minneapolis.....	NGB
K-1.....	NYF	MacDonachie.....	NQL	Minnesota.....	NKD
K-2.....	NYG	Mackenzie.....	NEVX	Mississippi.....	NKE
K-3.....	NYH	Mackinac.....	NUGD	Missoula.....	NKM
K-4.....	NYI	MacLeish.....	NUPT	Modoc (C. G. C.)....	NIVD
K-5.....	NYJ	Maddox.....	NETX	Mohave (C. G. C.)....	NIXB
K-6.....	NYK	Madrono (L. H. T.)..	NAMV	Mohave (U. S. Navy)..	NTO
K-7.....	NYL	Maguolia (L. H. T.)..	NAPS	Mohawk.....	NUFB
K-8.....	NYM	Mahan.....	NEQK	Mohican.....	NZA
Kalk.....	NIGD	Mahopac.....	NETD	Monadnock.....	NHD
Kalmia.....	NAZS	Maine.....	NJL	Monaghan.....	NKL
Kanawha.....	NND	Major Albert G. Force.	WYQ	Monocacy.....	NQQ
Kane.....	NULM	Major Albert G. Jen-		Montana.....	NISJ
Kankakee (C. G. C.)..	NUMZ	kins.....	WYBV	Montcalm.....	NEQF
Kansas.....	NIO	Major Carl A. Lohr.....	WYBT	Montgomery.....	NKN
Kaweah.....	NUGK	Major Evan Thomas..	WYO	Moody.....	NULT
Kearsarge.....	NIP	Major Guy Howard.....	WZY	Morgan-Lewis.....	WXQ
Kennedy.....	NAZM	Major John W. McKie.	WYBX	Morrill (C. G. C.)..	NRC
Kennison.....	NEQX	Major Lester E. More-		Morris.....	NWS
Kentucky.....	NIQ	ton.....	WYBU	Mugford.....	NEXR
Keosauqua.....	NEXC	Major Samuel Ring-		Mullany.....	NUML
Kewaydin.....	NAXN	gold.....	WYC	Murray.....	NAXK
Kickapoo (C. G. C.)..	NITX	Major William P. Pence.....	WYBV	N-1.....	NZE
Kidder.....	NUJX	Mallard.....	NIKB	N-2.....	NZF
Kilkenny.....	KKI	Mangrove (L. H. T.)..	NANV	N-3.....	NZG
Kilty.....	NAKX	Manhattan (C. G. C.)..	NEKZ	N-4.....	NZH
Kimberly.....	NADL	Manning (C. G. C.)..	NRN	N-5.....	NZI
King.....	NULP	Manfield.....	NUMV	N-6.....	NZJ
Kingfisher.....	NALP	Manzanita (L. H. T.)..	NLU	N-7.....	NZK
Kittery.....	NHW	Maple (L. H. T.).....	NAPV	Nansemond.....	NITL
Klingelhoefer (C. G. C.)	NISC	Marblehead.....	NIRR	Nansham.....	NNK
Knudsen (C. G. C.)....	NEXL	Marcus.....	NUMG	Nantucket.....	NFU
Koka.....	NETZ	Marigold (L. H. T.)..	NAQV	Napa.....	NEVC
Kukui (L. H. T.)....	NLF	Marinduque (C. & G. S.).....	NIGV	Narragansett.....	NAMN
L-1.....	NYN	Mars.....	NJRS	Natchez.....	WYDD
L-2.....	NYO	Maryland.....	NARC	Natoma (C. & G. S.)..	NUGG
L-3.....	NYP	Mascoutin (C. G. C.)..	NIVP	Navajo.....	NKZ
L-4.....	NYQ	Mason.....	NAGG	Navesink.....	WXU
L-5.....	NYR	Massachusetts.....	NIRQ	Nebraska.....	NMA
L-6.....	NYS	Mattole.....	NUGM	Neches.....	NIFP
L-7.....	NYT			Neptune.....	NMS
L-8.....	NYU			Nereus.....	NNF
L-9.....	NYV			Nero.....	NEDX
L-10.....	NYW			Nevada.....	NCA
L-11.....	NYX			New Hampshire.....	NME

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
New Jersey	NMF	Pennsylvania	NCE	Renshaw	NEVZ
New Mexico	NQW	Pemobscot	NOE	Reuben James	NUNT
New Orleans (U. S. Navy)	NMG	Pensacola	NGN	Rhode Island	NTX
New Orleans (War Dept.)	WYDH	Pentucket	NUL	Richards (C. G. C.)	NIDG
Newport	NMH	Peoria	NOW	Richmond	NISQ
Newport News	NEZ	Pequot (C. G. C.)	NUPJ	Rigel	NURG
New York	NCC	Percival	NIFJ	Ringgold	NALT
Niagara	NABC	Perkins	NOX	Rizal	NEVV
Nicholas	NUNZ	Perry	NUQS	Roanoke	NHU
Nicholson	NIU	Philip	NEDG	Robert L. Barnes	NAZZ
Nitro	NELL	Pigeon	NIKF	Robert Smith	NUKB
Noa	NUKF	Pillsbury	NUQG	Robin	NANQ
Nokomis	NAMM	Pinola	NEVL	Robinson	NAJX
North Carolina	NISK	Pioneer (C. & G. S.)	NIJL	Rochester	NTR
North Dakota	NMO	Piscataqua	NAQC	Rocket	NUT
O-1	NETJ	Pittsburgh	NOT	Rodgers	NWT
O-2	NETJ	Poe	WYBL	Roe	NTZ
O-3	NAMR	Pompey	NQF	Roper	NERX
O-4	NAMX	Pope	NUQB	Rose (L. H. T.)	NASD
O-5	NAMZ	Porter	NOO	Rowan	NKR
O-6	NANB	Potomac	NQK	S-1	NIMG
O-7	NANC	Prairie	NQM	S-2	NIMJ
O-8	NAND	Preble	NUNG	S-3	NIMK
O-9	NAGB	Preston	NUNJ	S-4	NIML
O-10	NAXT	Procyon	NURF	S-5	NIMM
O-11	NETK	Prometheus	NQR	S-6	NIMN
O-12	NETL	Proteus	NNG	S-7	NIMP
O-13	NEZN	Pruitt	NUPV	S-8	NIMQ
O-14	NEVD	Pueblo	NDN	S-9	NIMR
O-15	NAXS	Putnam	NUPG	S-10	NIMS
O-16	NASM	Pyro	NELK	S-11	NIMT
O'Bannon	NEXS	Quail	NIKQ	S-12	NIMV
O'Brien	NIV	Quigley (C. G. C.)	NIDB	S-13	NIMX
Ohio	NMW	Quincy	NGQ	S-14	NIMZ
Oil barge No. 9	NEQL	Quiros	NQZ	S-15	NINB
Oklahoma	NCB	R-1	NILC	S-16	NINC
Olympia	NOG	R-2	NILD	S-17	NIND
Omaha	NISL	R-3	NILF	S-18	NINF
Onondaga (C. G. C.)	NRO	R-4	NILG	S-19	NING
Ontario	NTA	R-5	NILJ	S-20	NINJ
Orchid (L. H. T.)	NLT	R-6	NILK	S-21	NINK
Oregon	NMZ	R-7	NILL	S-22	NINL
Oriole	NEVM	R-8	NILM	S-23	NINM
Orion	NOC	R-9	NILN	S-24	NINN
Ortolan	NIKC	R-10	NILP	S-25	NINP
Osborne	NUQC	R-11	NILQ	S-26	NINQ
Osceola	NOA	R-12	NILR	S-27	NINR
Osmond Ingram	NIGF	R-13	NILS	S-28	NINS
Ossipee (C. G. C.)	NRJ	R-14	NILT	S-29	NINT
Overton	NUJN	R-15	NASV	S-30	NINV
Oveson (C. G. C.)	NIZD	R-16	NASX	S-31	NINX
Owl	NACS	R-17	NAFX	S-32	NINZ
Ozark	NHH	R-18	NEGC	S-33	NIPB
Ozette	NEDN	R-19	NEGK	S-34	NIPC
Paducah	NOG	R-20	NARZ	S-35	NIPD
Palmer	NECV	R-21	NILV	S-36	NIPF
Palos	NQS	R-22	NILX	S-37	NIPG
Panlico (C. G. C.)	NRR	R-23	NILZ	S-38	NIPJ
Pampanga	NQT	R-24	NIMB	S-39	NIPK
Panther	NOJ	R-25	NIMC	S-40	NIPL
Parker	NIX	R-26	NIMD	S-41	NIPM
Parrott	NUPD	R-27	NIMF	S-42	NIPN
Partridge	NIJG	Radford	NEXB	S-43	NIPP
Patapasco	NOL	Rail	NAQJ	S-44	NIPQ
Pathfinder (C. & G. S.)	NLJ	Rainbow	NFZ	S-45	NIPR
Patoka	NUGN	Raleigh	NIRT	S-46	NIPS
Patterson	NOK	Ramapo	NIJG	S-47	NIPT
Patuxent	NOM	Ramsay	NIFC	S-48	NIPV
Pauding	NON	Rauger (C. & G. S.)	NUDG	S-49	NIPX
Paul Hamilton	NAQN	Rapidan	NUGQ	S-50	NIPZ
Paul Jones	NUQN	Rappahannock	NJO	S-51	NIQK
Pawnee	NUH	Rathburne	NACR	S-52	NQV
Pawtucket	NUJ	Raven	NIKZ	S-53	NANX
Peacock	NIKD	Redwing	NIKG	S-54	NTP
Peary	NUQD	Regulus	NASQ	S-55	NTP
Pecos	NIFQ	Roid	NUNK	S-56	NIQR
Pelican	NEFK	Relief (hospital ship No. 1)	NEPQ	S-57	NIU
Penguin	NECT	Reno (U. S. Navy)	NAMD	S-58	NKS
		Reno (tug)	WYN	S-59	NIJS
				S-60	NIKK

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Sands.....	NULQ	S. C. 432.....	NIQL	S. P. 1116 (Genesee)...	NKG
San Francisco.....	NTQ	S. C. 439.....	NIQT	S. P. 1121 (Osborne)...	NESN
Sapelo.....	NUGS	S. C. 440.....	NIQV	S. P. 1149 (Barnett)...	NUFN
Sara Thompson.....	NEMD	S. C. 441.....	NIQX	S. P. 1161 (Francis B. Hackett).....	NTD
Saratoga.....	NELB	S. C. 443.....	NIRB	S. P. 1213 (Montauk)...	NARN
Satterlee.....	NAGC	S. C. 444.....	NIRC	S. P. 1232 (Barnegat)...	NADQ
Saturn.....	NAM	San Pedro.....	WZZ	S. P. 1234 (Cigarette)...	NUCJ
Savannah.....	NGS	Santa Leonora.....	KIML	S. P. 2047 (Mooshead)...	NAQM
S. C. 23.....	NOBQ	Sauksee.....	NIQV	S. P. 2225 (Navigator)...	NECD
S. C. 57.....	NODF	Scally (C. G. C.).....	NEKC	S. P. 2373 (Herreshoff Hull No. 322).....	NUDK
S. C. 62.....	NODM	Schenck.....	NEMG	S. P. 3218 (Resolute)...	NUGB
S. C. 63.....	NODN	Schley.....	NKT	S. P. 3297 (Winthrop).....	NUBR
S. C. 64.....	NODP	Sciota.....	NEVK	Spica.....	NURD
S. C. 69.....	NODR	Scorpion.....	NTT	S. P. Lee.....	NESB
S. C. 71.....	NODT	Seagull.....	NIJM	Sprigg Carroll.....	WZU
S. C. 93.....	NOFX	Seattle.....	NAPG	Sproston.....	NEVT
S. C. 100.....	NOGJ	Sebago.....	NUV	Stansbury.....	NEXV
S. C. 102.....	NOGL	Selfridge.....	NUJZ	Stellenwerf.....	NIDC
S. C. 104.....	NOGN	Seminole (C. G. C.).....	NRS	Sterrett.....	NTB
S. C. 106.....	NOGQ	Semmes.....	NAFZ	Stevens.....	NAPK
S. C. 119.....	NOJK	Seneca (C. G. C.).....	NRE	Stewart.....	NUNN
S. C. 121.....	NOJM	Sepulga.....	NUGT	St. Louis.....	WYDG
S. C. 143.....	NOKN	Sequoia (L. H. T.).....	NLV	Stockton.....	NEO
S. C. 145.....	NOKQ	Sharkey.....	NULV	Stoddert.....	NALZ
S. C. 147.....	NOKR	Shaw.....	NKU	Stribling.....	NAVS
S. C. 154.....	NOLC	Shawmut.....	NML	Stringham.....	NACP
S. C. 156.....	NOLF	Shawnee (C. G. C.).....	NIZJ	Sturtevant.....	NUJP
S. C. 159.....	NOLK	Sheridan.....	WXJ	Sumac (L. H. T.).....	NASG
S. C. 177.....	NOLR	Sherman.....	WXK	Sumner.....	NUGX
S. C. 185.....	NOMD	Shirk.....	NUJV	Sunflower (L. H. T.).....	NUFM
S. C. 186.....	NOMF	Shubrick.....	NWU	Sunnadin.....	NEVB
S. C. 188.....	NOMJ	Sicard.....	NUPL	Surveyor (C. & G. S.).....	NQU
S. C. 190.....	NOML	Sigourney.....	NAJB	Swallow.....	NEFL
S. C. 191.....	NOMM	Simpson.....	NUPX	Swan.....	NIJP
S. C. 192.....	NOMN	Sinclair.....	NULR	Swascy.....	NIPT
S. C. 195.....	NOMR	Sirius.....	NUPP	Sylph.....	NTL
S. C. 210.....	NONN	Sloat.....	NUMD	T-1.....	NILB
S. C. 214.....	NONS	Slocum.....	WXS	T-2.....	NABB
S. C. 223.....	NOPF	Smith (C. G. C.).....	NIXG	T-3.....	NABZ
S. C. 224.....	NOPG	Smith Thompson.....	NUJJ	Tacoma.....	NUA
S. C. 229.....	NOPN	Snohomish (C. G. C.).....	NRF	Tacony.....	WUAE
S. C. 231.....	NOPQ	Solace.....	NST	Tadousac.....	NAZQ
S. C. 232.....	NOPR	Somers.....	NWV	Talbot.....	NAPL
S. C. 237.....	NOPZ	Sonoma.....	NTG	Tallahassee.....	NUC
S. C. 251.....	NOQQ	Sotoyomo.....	NECZ	Tallahapoosa (C. G. C.).....	NRV
S. C. 253.....	NOQS	Southard.....	NAJK	Tamaroa (C. G. C.).....	NIVR
S. C. 263.....	NORJ	South Bend.....	KEXQ	Tampa (C. G. C.).....	NITC
S. C. 264.....	NORK	South Carolina.....	NSW	Tanagar.....	NABS
S. C. 270.....	NORR	South Dakota.....	NISG	Tarbell.....	NEZP
S. C. 271.....	NORS	S. P. 43 (Daraga).....	NUBB	Tatnuck.....	NETQ
S. C. 273.....	NORV	S. P. 54 (Patrol No. 6).....	NUBK	Tattnall.....	NEPS
S. C. 277.....	NOSC	S. P. 164 (May).....	NALQ	Taylor (U. S. Navy).....	NALR
S. C. 278.....	NOSD	S. P. 179 (Privateer).....	NUDF	Taylor (C. G. C.).....	NITB
S. C. 283.....	NOSL	S. P. 181 (Helori).....	NEFS	Teal.....	NAPN
S. C. 284.....	NOSM	S. P. 185 (Clarinda).....	NUFZ	Tennessee.....	NSE
S. C. 287.....	NOSQ	S. P. 214 (Edithia).....	NUCX	Tern.....	NIKT
S. C. 294.....	NOTB	S. P. 249 (Hauoli).....	NUCZ	Terry.....	NUI
S. C. 298.....	NOTG	S. P. 265 (Pocomoke).....	NUCT	Texas.....	NCD
S. C. 299.....	NOTJ	S. P. 399 (Logonia).....	NUFG	Thatcher.....	NESV
S. C. 303.....	NOTN	S. P. 493 (Cahill).....	NDV	Thomas (U. S. Navy).....	NIFN
S. C. 305.....	NOTQ	S. P. 521 (Isabel).....	NIIF	Thomas (U. S. Army).....	WXM
S. C. 306.....	NOTR	S. P. 522 (Chas. Mann).....	NUBT	Thompson.....	NAZC
S. C. 308.....	NOTT	S. P. 524 (Margaret).....	NQP	Thornton.....	NWX
S. C. 310.....	NOTX	S. P. 573 (Easthampton).....	NUCG	Thrusch.....	NIKS
S. C. 320.....	NOVC	S. P. 642 (Felicia).....	NUCC	Tillman.....	NEQT
S. C. 326.....	NOVL	S. P. 680 (Ardent).....	NUCR	Tingard (C. G. C.).....	NISB
S. C. 328.....	NOVN	S. P. 681 (Breakwater).....	NUMS	Tingey.....	NWY
S. C. 330.....	NOVQ	S. P. 707 (Endion).....	NUDR	Tippecanoe.....	NUGV
S. C. 332.....	NOVS	S. P. 714 (Galatea).....	NKP	Topah.....	NUN
S. C. 340.....	NOXF	S. P. 724 (Fearless).....	NEKM	Topeka.....	NLY
S. C. 341.....	NOXG	S. P. 726 (Orca).....	NUBS	Torpedo Test Barge No. 1.....	NIFR
S. C. 353.....	NOXS	S. P. 765 (Adelante).....	NUCK	Torpedo Test Barge No. 2.....	NIFS
S. C. 408.....	NOZC	S. P. 813 (Corona).....	NNQ	Torpedo Test Barge No. 3.....	NIFX
S. C. 409.....	NOZD	S. P. 838 (John L. Lawrence).....	NUFL	Torpedo Test Barge No. 4.....	NIFZ
S. C. 412.....	NOZJ	S. P. 909 (Eaglet).....	NUBC		
S. C. 413.....	NOZK	S. P. 951 (Utowannah).....	NIJ		
S. C. 419.....	NOZR	S. P. 1014 (Sea Rover).....	NEX		
S. C. 424.....	NOZZ	S. P. 1015 (Challenge).....	NEKS		
S. C. 425.....	NIQB				
S. C. 427.....	NIQD				

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Toucey.....	NULX	V-9.....	NIDJ	Whitney.....	NIRL
Tracy.....	NUJL	Vega.....	NAXM	Wickes.....	NATJ
Traffic.....	NVA	Vermont.....	NVK	Widgeon.....	NAQF
Trenton.....	NISR	Vestal.....	NMC	Wilhelmina.....	NDE
Trever.....	NUMP	Vesuvius.....	NUBM	Wilkes.....	NKQ
Trinity.....	NUGX	Vicksburg (U. S. Navy)	NVN	Willet.....	NIEN
Trippé.....	NUQ	Vicksburg (War Dept.)	WYDE	William B. Preston...	NUMQ
Triton.....	NVC	Villalobos.....	NVP	William Jones.....	NARB
Truxtun.....	NUQK	Vireo.....	NIKL	Williams.....	NENT
Tucker.....	NKV	Virginia.....	NVR	Williamson.....	NUMS
Tulip (L. H. T.).....	NXX	Vixen.....	NSU	Willoughby.....	NJX
Tulsa.....	NIST	Vulcan.....	NVT	Wilmington.....	NWK
Turkey.....	NIJF	Wadsworth.....	NKW	Winslow.....	NJA
Turner.....	NERQ	Wahneta.....	NVI	Wisconsin.....	NWM
Tuscarora (C. G. C.).....	NRL	Wainwright.....	NKX	Wolverine.....	NGW
Twiggs.....	NEPV	Walke.....	NWL	Wompatuck.....	NVJ
Umpqua.....	NATS	Walker.....	NESX	Wood.....	NUMF
Unadilla.....	NEFT	Wandank.....	NARF	Woodbury.....	NATM
Unalga (C. G. C.).....	NRX	Warbler.....	NIKM	Woodcock.....	NIKP
Uncas.....	NVF	Ward.....	NAGS	Worden.....	NUMM
Undaunted.....	NNX	Warren.....	WXN	Wright.....	NIRN
United States.....	NUNQ	Warrington.....	NWD	Wyoming.....	NWQ
Upshur.....	NERB	Washington.....	NWE	Yacona.....	NJM
Utah.....	NVE	Wasmuth.....	NUKC	Yamacraw (C. G. C.)...	NRY
V-1.....	NICQ	Waters.....	NATT	Yarborough.....	NUMC
V-2.....	NICR	Welborn C. Wood.....	NULJ	Yarnall.....	NIGS
V-3.....	NICS	Welles.....	NAJZ	Yocona (C. G. C.).....	NUMB
V-4.....	NICT	Westonah (C. & G. S.)	NJJ	Young.....	NESG
V-5.....	NICV	West Virginia.....	NEDJ	Yukon.....	NAQD
V-6.....	NICX	Wheeling.....	NWH	Zane.....	NUMN
V-7.....	NICZ	Whipple.....	NUML	Zellin.....	NUMB
V-8.....	NIDD	Whippoorwill.....	NIJQ	Zizania (L. H. T.).....	NZZ

GOVERNMENT LAND AND SHIP RADIO STATIONS, BY CALL SIGNALS.

Call.	Station.	Call.	Station.
KDEF	Omaha, Nebr.....c	NAFT	Pollock Rip Blue Light Vessel (L. V. No. 73).....c
KDEG	Cheyenne, Wyo.....c	NAFS	Burns.....b
KDEH	Salt Lake City, Utah.....c	NAFV	Fern.....b
KDEJ	Elko, Nev.....c	NAFX	R-17.....b
KDEK	Reno, Nev.....c	NAFZ	Semmes.....b
KDEL	Bryan, Ohio.....c	NAGB	O-9.....b
KDHM	North Platte, Nebr.....c	NAGC	Satterlee.....b
KDHN	Rock Springs, Wyo.....c	NAGG	Mason.....b
KDPB	Minneapolis, Minn.....c	NAGJ	Graham.....b
KDQA	Chicago, Ill.....c	NAGL	Chandler.....b
KDQC	Cincinnati, Ohio.....c	NAGM	Arbutus.....b
KDTS	Iowa City, Iowa.....c	NAGQ	Curacao.....b
KEXQ	South Bend.....b	NAGS	Ward.....b
KIML	Santa Lenora.....b	NAGT	South Pass Light Vessel (L. V. No. 102).....c
KKI	Kilkenny.....b	NAGV	Hyacinth.....b
TKK	Akutan, Alaska.....c	NAGX	Gwin.....b
NAA	Washington, D. C. (Arlington).....c		{ Mantoloking, N. J. (R. C.).....c
NAB	{ Cape Elizabeth, Me. (R. C.).....c	NAH	{ New York, N. Y.....c
NAB	{ Portland, Me.....c	NAI	{ Sandy Hook, N. J. (R. C.).....c
NABB	T-2.....b	NAJ	Philadelphia, Pa.....c
NABC	Niagara.....b	NAJB	Great Lakes, Ill.....c
NABG	Charles S. Osborne.....b	NAJC	Sigourney.....b
NABJ	Great Round Shoals Light Vessel (L. V. No. 66).....c	NAJD	Relief Light Vessel No. 53.....c
NABP	Anemone.....b	NAJJ	Black Hawk.....b
NABS	Tanager.....b	NAJK	Relief Light Vessel No. 86.....c
NABT	Swiftsure Bank Light Vessel (L. V. No. 93).....c	NAJL	Southard.....b
NABV	Cape Lookout Shoals Light Vessel (L. V. No. 80).....c	NAJM	Colhoun.....b
NABX	Brunswick Light Vessel (L. V. No. 84).....c	NAJN	Finch.....b
NABZ	T-3.....b	NAJQ	Bancroft.....b
NAC	Portsmouth, N. H.....c	NAJR	Gregory.....b
NACB	Apache.....b	NAJS	Fenwick Island Shoal Light Vessel (L. V. No. 52).....c
NACL	Hale.....b	NAJT	Columbia River Light Vessel (L. V. No. 88).....c
NACN	Dyer.....b	NAJV	Cape Charles Light Vessel (L. V. No. 101).....c
NACP	Stringham.....b	NAJX	Robinson.....b
NACQ	McKee.....b	NAJZ	Welles.....b
NACR	Rathburne.....b	NAK	Annapolis, Md. (Naval Academy).....c
NACS	Owl.....b	NAKD	Ajax.....b
NACT	Blunts Reef Light Vessel (L. V. No. 83).....c	NAKL	Heather.....b
NACV	Umatilla Reef Light Vessel (L. V. No. 67).....c	NAKN	Hibiscus.....b
NACX	Vineyard Sound Light Vessel (L. V. No. 41).....c	NAKS	San Francisco, Calif., Light Vessel (L. V. No. 70).....c
NACZ	Alleghany.....b	NAKT	Overfalls Light Vessel (L. V. No. 69).....c
NAD	{ Boston, Mass.....c	NAKV	Ivy.....b
NAD	{ Deer Island, Mass. (R. C.).....c	NAKX	Kilty.....b
NAD	{ Fourth Cliff, Mass. (R. C.).....c	NAL	Washington, D. C. (Navy Yard).....c
NAD	{ Gloucester, Mass. (R. C.).....c	NALC	Lapwing.....b
NADD	Arcata.....b	NALK	Lykens.....b
NADF	Crowninshield.....b	NALL	Iris.....b
NADL	Kimberly.....b	NALM	Boreas.....b
NADP	Avocet.....b	NALP	Kingfisher.....b
NADQ	S. P. 1232 (Barnegat).....b	NALQ	S. P. 164 (May).....b
NADT	Winter Quarter Shoals Light Vessel (L. V. No. 91).....c	NALR	Taylor.....b
NADV	Five Fathom Bank Light Vessel (L. V. No. 79).....c	NALS	Ambrose Channel Light Vessel (L. V. No. 97).....c
NADX	Boston Light Vessel (L. V. No. 54).....c	NAIT	Ringgold.....b
NAE	North Truro, Mass. (R. C.).....c	NALV	Laurel.....b
NAF	{ Newport, R. I.....c	NALZ	Stoddert.....b
NAF	{ Pices Neck, R. I. (R. C.).....c	NAM	Norfolk, Va.....c
NAFC	Dickerson.....b	NAMB	Larkspur.....b
NAFF	Brant.....b	NAMC	Mexican.....b
NAFL	Leary.....b	NAMD	Reno.....b
NAFN	Cardinal.....b	NAMG	General Alava.....b
NAFP	Cauga.....b	NAMM	Nokomis.....b
NAFR	Arctic.....b	NAMN	Narragansett.....b
		NAMR	O-3.....b
		NAMS	Portland Light Vessel (L. V. No. 74).....c
		NAMT	Boggs.....b

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

Call.	Station.	Call.	Station.
NAMV	Madrono..... b	NAX	Colon, Canal Zone..... c
NAMX	O-4..... b	NAXJ	Montgomery..... b
NAMZ	O-5..... b	NAXK	Murray..... b
NAN	(Cape Lookout, N. C. (R. C.)..... c	NAXL	Columbia..... b
NANB	(Morehead City, N. C..... c	NAXM	Vega..... b
NANX	O-6..... b	NAXN	Kewaydin..... b
NANC	O-7..... b	NAXS	O-15..... b
NAND	O-8..... b	NAXT	O-10..... b
NANQ	Robin..... b	NAY	Point Isabel, Tex..... c
NANS	Pollock Rip Light Vessel (L. V. No. 47)..... c	NAZ	Managua, Nicaragua..... c
NANT	Stone Horse Shoal Light Vessel (L. V. No. 5)..... c	NAZC	Thompson..... b
NANV	Mangrove..... b	NAZJ	Charleston Light Vessel (L. V. No. 34)..... c
NANX	Sagamore..... b	NAZK	Capella..... b
NANZ	Farquhar..... b	NAZL	Lamberton..... b
NAO	Charleston, S. C..... b	NAZM	Kennedy..... b
NAP	St. Augustine, Fla..... c	NAZP	Bagaduce..... b
NAPG	Seattle..... b	NAZQ	Tadousac..... b
NAPK	Stevens..... b	NAZR	Tail of Horseshoe Light Vessel (L. V. No. 46)..... c
NAPL	Talbot..... b	NAZS	Kalmia..... b
NAPM	Converse..... b	NAZV	Relief Light Vessel No. 4..... c
NAPN	Teal..... b	NAZZ	Robert L. Barnes..... b
NAPP	Hen and Chickens Light Vessel (L. V. No. 42)..... c	NBA	Balboa, Canal Zone..... c
NAPR	Camden..... b	NBB	St. Thomas, Virgin Islands..... c
NAPS	Magnolia..... b	NBD	(Bar Harbor, Me. (Otter Cliffs)..... c
NAPT	Amaranth..... b	NBG	(Bar Harbor, Me. (R. C.)..... c
NAPV	Maple..... b	NBJ	Indianhead, Md..... c
NAQ	Jupiter, Fla..... c	NBL	Alert..... b
NAQB	Cross Rip Light Vessel (L. V. No. 20)..... c	NBM	(Amagansett, N. Y. (R. C.)..... c
NAQC	Piscataqua..... b	NBP	(Amagansett, N. Y..... c
NAQD	Yukon..... b	NBR	Ammen..... b
NAQF	Widgeon..... b	NBS	Annapolis..... b
NAQJ	Rail..... b	NBU	Surfside, Mass. (R. C.)..... c
NAQM	S. P. 2047 (Moosehead)..... b	NBV	Arethusa..... b
NAQN	Paul Hamilton..... b	NBW	Arkansas..... b
NAQS	Handkerchief Light Vessel (L. V. No. 3)..... c	NBZ	Arizona..... b
NAQV	Marigold..... b	NCA	Baltimore, Md..... c
NAR	(Key West, Fla..... c	NCB	Nevada..... b
NARC	(Key West, Fla. (R. C.)..... c	NCC	Oklahoma..... b
NARF	Maryland..... b	NCD	New York..... b
NARG	Wandank..... b	NCE	Texas..... b
NARN	Chemung..... b	NCF	Pennsylvania..... b
NARP	S. P. 1213 (Montauk)..... b	NCH	Bailey..... b
NARR	Aramis..... b	NCL	Baltimore..... b
NARS	William Jones..... b	NCN	Beale..... b
NART	Northeast End Light Vessel (L. V. No. 44)..... c	NCR	Birmingham..... b
NARV	Martins Industry Light Vessel (L. V. No. 1)..... c	NCU	Canandaigua..... b
NARX	Scotland Light Vessel (L. V. No. 11)..... c	NCV	Buffalo..... b
NARZ	Ram Island Reef Light Vessel (L. V. No. 23)..... c	NCX	Burrows..... b
NAS	R-20..... b	NCY	Dreadnaught..... b
NASB	Pensacola, Fla..... c	NCZ	Caesar..... b
NASC	Brenton Reef Light Vessel (L. V. No. 39)..... c	NDB	(Hog Island, Va. (R. C.)..... c
NASD	Cornfield Point Light Vessel (L. V. No. 48)..... c	NDD	(Poyner's Hill, N. C. (R. C.)..... c
NASG	Rose..... b	NDE	(Virginia Beach, Va. (R. C.)..... c
NASJ	Sumac..... b	NDF	Celtic..... b
NASK	Gold Star..... b	NDG	Sayville, N. Y..... c
NASM	Relief Light Vessel (L. V. No. 16)..... c	NDH	Wilhelmina..... b
NASQ	O-16..... b	NDI	California..... b
NASV	Regulus..... b	NDJ	Chester..... b
NASX	R-15..... b	NDM	Chyenne..... b
NAT	R-16..... b	NDN	Chicago..... b
NATB	New Orleans, La..... c	NDO	Gorgona..... b
NATD	Antares..... b	NDQ	Cleveland..... b
NATG	Hedge Fence Light Vessel (L. V. No. 9)..... c	NDR	Pueblo..... b
NATJ	Bell..... b	NDU	Comfort..... b
NATM	Wickes..... b	NDV	Connecticut..... b
NATS	Woodbury..... b	NDW	Lydonia..... b
NATT	Umpqua..... b	NEBF	Culgoa..... b
NAU	Waters..... b	NEBJ	S. P. 493 (Cahill)..... b
NAV	San Juan, P. R..... c	NEBV	(Cape Hatteras, N. C..... c
NAVX	Parris Island, S. C..... c	NECD	(Cape Hatteras, N. C. (R. C.)..... c
NAVS	Explorer..... b	NECK	Constitution..... b
NAVW	Stribling..... b	NECR	Meade..... b
NAW	Guantanamo, Cuba..... c	NECT	H-9..... b
		NECV	S. P. 2225 (Navigator)..... b
		NECZ	Farenholt..... b
		NEDD	Colorado..... b
		NEDF	Penguin..... b
			Palmer..... b
			Sotoyomo..... b
			Lexington..... b
			Constellation..... b

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

Call.	Station.	Call.	Station.		
NEDG	Philp.....	b	NEPP	Broome.....	b
NEDJ	West Virginia.....	b	NEPQ	Maury.....	b
NEDN	Ozette.....	b	NEPQ	Kellef Hospital Ship No. 1.....	b
NEDX	Nero.....	b	NEPS	Tattnal.....	b
NEFC	H-6.....	b	NEPT	Badger.....	b
NEFK	Pelican.....	b	NEPV	Twiggs.....	b
NEFL	Swallow.....	b	NEPX	Rabbit.....	b
NEFS	S. P. 181 (Helori).....	b	NEPZ	Jacob Jones.....	b
NEFT	Unadilla.....	b	NEQ	Dolphin.....	b
NEFZ	Long Beach.....	b	NEQP	Montcalm.....	b
NEGC	R-18.....	b	NEQL	Mahan.....	b
NEGD	Luce.....	b	NEQL	Oil Barge No. 9.....	b
NEGF	Dent.....	b	NEQM	H-4.....	b
NEGK	R-19.....	b	NEQQ	Beaver.....	b
NEGS	Fortune.....	b	NEQT	Buchanan.....	b
NEJB	Eagle 1.....	b	NEQT	Tilman.....	b
NEJC	Eagle 2.....	b	NEQX	Kennison.....	b
NEJD	Eagle 3.....	b	NEQZ	Claxton.....	b
NEJF	Eagle 4.....	b	NERB	Gilmer.....	b
NEJG	Eagle 5.....	b	NERG	Crlick.....	b
NEJH	Eagle 6.....	b	NERJ	Landsdale.....	b
NEJK	Eagle 7.....	b	NERL	Turner.....	b
NEJL	Eagle 8.....	b	NERO	Gillis.....	b
NEJM	Eagle 9.....	b	NERP	Upshur.....	b
NEJN	Eagle 10.....	b	NERR	Greer.....	b
NEJP	Eagle 11.....	b	NERV	Elliott.....	b
NEJQ	Eagle 12.....	b	NERX	Roper.....	b
NEJR	Eagle 13.....	b	NERZ	Brockinridge.....	b
NEJS	Eagle 14.....	b	NESE	S. P. Lee.....	b
NEJT	Eagle 15.....	b	NESE	Relief Lightship No. 49.....	c
NEJV	McGourty (U. S. C. G.).....	b	NESG	Young.....	b
NEJX	Eagle 17.....	b	NESJ	H-7.....	b
NEJZ	Eagle 18.....	b	NESM	Breese.....	b
NEK	Delaware.....	b	NESN	S. P. 1121 (Osborne).....	b
NEKB	Eagle 19.....	b	NESR	Pathomer.....	b
NEKC	Scally.....	b	NESV	Bernadou.....	b
NEKD	Bothwell (U. S. C. G.).....	b	NESW	Cole.....	b
NEKF	Earp.....	b	NEST	Thatcher.....	b
NEKG	Eagle 23.....	b	NEV	Walker.....	b
NEKJ	Eagle 24.....	b	NESX	Crosby.....	b
NEKM	S. P. 724 (Fearless).....	b	NESZ	Drayton.....	b
NEKN	Falcon.....	b	NET	McFarland.....	b
NEKP	Harbor Tug No. 74.....	b	NETB	Mahopac.....	b
NEKQ	Champlin.....	b	NETD	Lea.....	b
NEKR	Hercules.....	b	NETF	H-5.....	b
NEKS	S. P. 1015 (Challenge).....	b	NETG	O-2.....	b
NEKZ	Manhattan (U. S. C. G.).....	b	NETH	O-11.....	b
NEL	Lakehurst, N. J.....	c	NETI	O-12.....	b
NELB	Saratoga.....	b	NETK	Tatnuck.....	b
NELG	Dorsey.....	b	NETL	Meredith.....	b
NELH	Pyro.....	b	NETM	Bush.....	b
NELI	Nitro.....	b	NETN	Cowell.....	b
NELJ	H-8.....	b	NETO	Maddox.....	b
NELK	Contocook.....	b	NETP	Koka.....	b
NELL	Asheville.....	b	NETQ	Dubuque.....	b
NELM	Aaron Ward.....	b	NETR	Savannah, Ga.....	c
NELN	Denver.....	b	NEU	Sunadin.....	b
NELP	Medusa.....	b	NEV	Napa.....	b
NELQ	Sara Thompson.....	b	NEVB	O-14.....	b
NELR	Schenck.....	b	NEVC	Sciota.....	b
NELS	Hernbert.....	b	NEVD	Pinola.....	b
NELT	Branch.....	b	NEVE	Oriole.....	b
NELU	Evans.....	b	NEVF	Algorma.....	b
NELV	McKean.....	b	NEVG	Carrabasset.....	b
NELW	Harding.....	b	NEVH	Iuka.....	b
NELX	Gridley.....	b	NEVI	Anthony.....	b
NELY	Chew.....	b	NEVJ	Sproston.....	b
NELZ	Des Moines.....	b	NEVK	Rizal.....	b
NEN	Israel.....	b	NEVL	Mackenzie.....	b
NENB	Herdon.....	b	NEVM	Renshaw.....	b
NENJ	Heron.....	b	NEVN	S. P. 1014 (Sea Rover).....	b
NENL	Dallas.....	b	NEVO	Radford.....	b
NENM	Atlantic.....	b	NEVQ	Keosanqua.....	b
NENN	Hazelwood.....	b	NEVR	Eagle 26.....	b
NENS	Williams.....	b	NEVS	Eagle 27.....	b
NENT	Hart.....	b	NEVT	O-1.....	b
NENV	Ingraham.....	b	NEVU	Knudsen.....	b
NENX	Ludlow.....	b	NEVV	Eagle 28.....	b
NENZ	Stockton.....	b	NEVW	Eagle 29.....	b
NEO	Dixie.....	b	NEVX	Carr.....	b
NEP	Hovey.....	b	NEVY	Mugford.....	b
NEPB	J. D. Long.....	b	NEX		
NEPD			NEXB		
			NEXC		
			NEXD		
			NEXE		
			NEXF		
			NEXG		
			NEXH		
			NEXI		
			NEXJ		
			NEXK		
			NEXL		
			NEXM		
			NEXN		
			NEXP		
			NEXR		

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

Call.	Station.	Call.	Station.
NEXS	O'Bannon.....b	NIBZ	Eagle 50.....b
NEXT	Hogan.....b	NICB	Eagle 51.....b
NEXV	Stansbury.....b	NICC	Eagle 52.....b
NEXX	Hopewell.....b	NICD	Eagle 53.....b
NEXZ	Haraden.....b	NICF	Eagle 54.....b
NEY	Constellation (old).....b	NICG	Eagle 55.....b
NEZG	Eagle 31.....b	NICI	Eagle 56.....b
NEZJ	Eagle 32.....b	NICK	Eagle 57.....b
NEZN	O-13.....b	NICL	Eagle 58.....b
NEZP	Tarbell.....b	NICM	Eagle 59.....b
NEZQ	Delphy.....b	NICN	Eagle 60.....b
NEZR	Gamble.....b	NICP	Cygan.....b
NEZS	Abbot.....b	NICQ	V-1.....b
NEZT	Clemson.....b	NICR	V-2.....b
NEZV	Hatfield.....b	NICS	V-3.....b
NEZX	Brooks.....b	NICT	V-4.....b
NEZZ	Belknap.....b	NICV	V-5.....b
NFD	El Cano.....b	NICX	V-6.....b
NFE	Charleston.....b	NICZ	V-7.....b
NFH	Smith Island, Wash.....c	NID	Jenkins.....b
NFM	Fanning.....b	NIDB	Quigley.....b
NFN	Cattle Point, Wash.....c	NIDC	Stellenwerf.....b
NFR	Florida.....b	NIDD	V-8.....b
NFT	New Dungeness, Wash. (R. C.).....c	NIDF	Despatch.....b
NFU	Port Angeles, Wash. (R. C.).....c	NIDG	Richards.....b
NFV	Nantucket.....b	NIDJ	V-9.....b
NFX	Quantico, Va.....c	NIDL	Mehalatos.....b
NFY	Housatonic.....b	NIE	Jouett.....b
NFZ	Intrepid.....b	NIFB	Crane.....b
NGB	Rainbow.....b	NIFC	Ramsay.....b
NGC	Minneapolis.....b	NIFD	Ellis.....b
NGD	Boston.....b	NIFE	Chauncey.....b
NGE	Galveston.....b	NIFG	Fuller.....b
NGF	Miami, Fla.....c	NIFJ	Percival.....b
NGG	Georgia.....b	NIFK	Brazos.....b
NGH	Olympia.....b	NIFL	Hamilton.....b
NGI	Glacier.....b	NIFM	Howard.....b
NGJ	Chattanooga.....b	NIFN	Thomas.....b
NGK	Goldsborough.....b	NIFP	Neches.....b
NGL	St. Petersburg, Fla.....c	NIFQ	Pecos.....b
NGN	Pensacola.....b	NIFR	Torpedo Test Barge No. 1.....b
NGP	Beaufort.....b	NIFS	Torpedo Test Barge No. 2.....b
NGQ	Quincy.....b	NIFT	Coast Torpedo Boat No. 6.....b
NGR	Bridgeport.....b	NIFV	Cyan.....b
NGS	Savannah.....b	NIFX	Torpedo Test Barge No. 3.....b
NGT	Mobile, Ala.....c	NIFZ	Torpedo Test Barge No. 4.....b
NGU	Hannibal.....b	NIGB	McCook.....b
NGV	Hartford.....b	NIGC	McCalla.....b
NGW	Wolverine.....b	NIGD	Kalk.....b
NGY	Helena.....b	NIGF	Osmond Ingram.....b
NGZ	Houston.....b	NIGG	McDermut.....b
NHA	Henley.....b	NIGJ	Laub.....b
NHD	Monadnock.....b	NIGK	McLanahan.....b
NHF	S. P. 521 (Isabel).....b	NIGL	Edwards.....b
NHH	Ozark.....b	NIGM	Greene.....b
NHI	Hancock.....b	NIGN	Ballard.....b
NHN	Idaho.....b	NIGP	Swasey.....b
NHO	Illinois.....b	NIGQ	John Francis Burnes.....b
NHS	Gulfpot.....b	NIGR	J. Fred Talbot.....b
NHU	Roanoke.....b	NIGS	Yarnall.....b
NHV	Iroquois.....b	NIGT	Cook.....b
NHW	Kittery.....b	NIGV	Marinduque.....b
NHY	Bath.....b	NIII	Aylwin.....b
NHZ	Newport News.....b	NII	Balch.....b
NIB	Jarvis.....b	NIJ	Benham.....b
NIBB	Eagle 33.....b	NIJB	Curlew.....b
NIBC	Eagle 39.....b	NIJF	Turkey.....b
NIBD	Eagle 34.....b	NIJG	Partridge.....b
NIBF	Eagle 40.....b	NIJJ	Bobolink.....b
NIBG	Eagle 35.....b	NIJK	Lark.....b
NIBJ	Eagle 41.....b	NIJL	Pioneer.....b
NIBK	Eagle 36.....b	NIJM	Seagull.....b
NIBL	Eagle 42.....b	NIJN	Flamingo.....b
NIBM	Eagle 37.....b	NIJP	Swan.....b
NIBN	Eagle 38.....b	NIJQ	Whippoorwill.....b
NIBP	Eagle 43.....b	NIJR	Bittern.....b
NIBQ	Eagle 44.....b	NIJS	Sanderling.....b
NIBR	Eagle 45.....b	NIJT	Discoverer.....b
NIBS	Eagle 46.....b	NIJV	Chewink.....b
NIBT	Eagle 47.....b	NIJX	Gannett.....b
NIBV	Eagle 48.....b	NIK	Cassin.....b
NIBX	Eagle 49.....b	NIKB	Mallard.....b

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

Call.	Station.	Call.	Station.
NIKC	Ortolan..... b	NIPL	8-40..... b
NIKD	Peacock..... b	NIPM	8-41..... b
NIKF	Pigeon..... b	NIPN	8-42..... b
NIKG	Redwing..... b	NIPP	8-43..... b
NIKK	Sandpiper..... b	NIPO	8-44..... b
NIKL	Vireo..... b	NIPR	8-45..... b
NIKM	Warbler..... b	NIPS	8-46..... b
NIKN	Willet..... b	NIPT	8-47..... b
NIKP	Woodcock..... b	NIPV	8-48..... b
NIKQ	Quail..... b	NIPX	8-49..... b
NIKR	Elder..... b	NIPZ	8-50..... b
NIKS	Thrush..... b	NIQ	Kentucky..... b
NIKT	Tern..... b	NIQB	S. C. 425..... b
NIKV	Cormorant..... b	NIQD	S. C. 427..... b
NIKX	Grebe..... b	NIQK	8-51..... b
NIKZ	Raven..... b	NIQL	S. C. 432..... b
NIL	Cummings..... b	NIQP	Johansson..... b
NILB	T-1..... b	NIQT	S. C. 439..... b
NILC	R-1..... b	NIQV	S. C. 440..... b
NILD	R-2..... b	NIQX	S. C. 441..... b
NILF	R-3..... b	NIR	Duncan..... b
NILG	R-4..... b	NIRB	S. C. 443..... b
NILJ	R-5..... b	NIRC	S. C. 443..... b
NILK	R-6..... b	NIRL	Whitney..... b
NILL	R-7..... b	NIRM	Holland..... b
NILM	R-8..... b	NIRN	Wright..... b
NILN	R-9..... b	NIRP	Iowa..... b
NILP	R-10..... b	NIRO	Massachusetts..... b
NILQ	R-11..... b	NIRR	Marblehead..... b
NILR	R-12..... b	NIRS	Indiana..... b
NILS	R-13..... b	NIRT	Raleigh..... b
NILT	R-14..... b	NIRV	Concord..... b
NILV	R-21..... b	NIRX	Canopus..... b
NILX	R-22..... b	NIRZ	Denebola..... b
NILZ	R-23..... b	NIS	Ericsson..... b
NIM	Cushing..... b	NISB	Tingard..... b
NIMB	R-24..... b	NISC	Klingelhoefer..... b
NIMC	R-25..... b	NISD	Boyce..... b
NIMD	R-26..... b	NISG	South Dakota..... b
NIMF	R-27..... b	NISJ	Montana..... b
NIMG	8-1..... b	NISK	North Carolina..... b
NIMJ	8-2..... b	NISL	Omaha..... b
NIMK	8-3..... b	NISM	Milwaukee..... b
NIML	8-4..... b	NISN	Cincinnati..... b
NIMM	8-5..... b	NISP	Detroit..... b
NIMN	8-6..... b	NISQ	Richmond..... b
NIMP	8-7..... b	NISR	Trenton..... b
NIMQ	8-8..... b	NISS	Memphis..... b
NIMR	8-9..... b	NIST	Tulsa..... b
NIMS	8-10..... b	NISV	Chaumont..... b
NIMT	8-11..... b	NISX	Argonne..... b
NIMV	8-12..... b	NISZ	Bayspring..... b
NIMX	8-13..... b	NIT	McDougal..... b
NIMZ	8-14..... b	NITB	Taylor..... b
NIN	Downes..... b	NITC	Tampa (U. S. C. G.)..... b
NINB	8-15..... b	NITF	Haida (U. S. C. G.)..... b
NINC	8-16..... b	NITK	Larsen (U. S. C. G.)..... b
NIND	8-17..... b	NITL	Nansemond..... b
NINF	8-18..... b	NITQ	Diamond Shoals Light Vessel (L. V. No. 72)..... c
NING	8-19..... b	NITR	Relief Light Vessel No. 78..... c
NINJ	8-20..... b	NITS	Relief Light Vessel No. 90..... c
NINK	8-21..... b	NITV	Cahokia..... b
NINL	8-22..... b	NITW	Kickapoo..... b
NINM	8-23..... b	NITX	Nicholson..... b
NINN	8-24..... b	NIU	O'Brien..... b
NINP	8-25..... b	NIV	Modoc (U. S. C. G.)..... b
NINQ	8-26..... b	NIVD	Mascoutin (U. S. C. G.)..... b
NINR	8-27..... b	NIVP	Saukee (U. S. C. G.)..... b
NINS	8-28..... b	NIVQ	Tamaroa (U. S. C. G.)..... b
NINT	8-29..... b	NIVR	Parker..... b
NINV	8-30..... b	NIX	Mohave (U. S. C. G.)..... b
NINX	8-31..... b	NIXB	Smith (U. S. C. G.)..... b
NINZ	8-32..... b	NIXG	Oveson (U. S. C. G.)..... b
NIO	Kansas..... b	NIZD	Shawnee (U. S. C. G.)..... b
NIP	Kansasarge..... b	NIZJ	Winslow..... b
NIPB	8-33..... b	NIA	Louisiana..... b
NIPC	8-34..... b	NIB	Allen..... b
NIPD	8-35..... b	NJD	Conyngham..... b
NIPF	8-36..... b	NJE	Davis..... b
NIPG	8-37..... b	NJF	San Domingo City, D. R..... c
NIPJ	8-38..... b	NJG	S. P. 951 (Utanah)..... b
NIPK	8-39..... b	NJI	

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

Call.	Station.	Call.	Station.		
NJJ	Wenonah.....	b	NNO	S. P. 813 (Corona).....	b
NJL	Maine.....	b	NNT	Cape Mala, Panama.....	c
NJM	Yaona.....	b	NNW	La Palma, Panama.....	c
NJO	Rappahannock.....	b	NNX	Undaunted.....	b
NJR	Mars.....	b	NNZ	Buffalo, N. Y.....	c
NJS	Frederick.....	b	NOA	Osceola.....	b
NJU	Mayrant.....	b	NOB	Abarenda.....	b
NJV	Mayflower (President's yacht).....	b	NOBQ	S. C. 23.....	b
NJW	McCall.....	b	NOC	Orion.....	b
NJX	Willoughby.....	b	NOD	Cuyama.....	b
NJY	Port Arthur, Tex.....	c	NODF	S. C. 57.....	b
NJZ	Michigan.....	b	NODM	S. C. 62.....	b
NKA	Melville.....	b	NODN	S. C. 63.....	b
NKB	Galveston, Tex.....	c	NODP	S. C. 64.....	b
NKC	Navassa Island, W. I.....	c	NODR	S. C. 69.....	b
NKD	Minnesota.....	b	NODT	S. C. 71.....	b
NKE	Mississippi.....	b	NOE	Penobscot.....	b
NKG	S. P. 1116 (Genesee).....	b	NOF	Anacostia, D. C. (naval laboratory).....	c
NKK	Mercy.....	b	NOFX	S. C. 93.....	b
NKL	Monaghan.....	b	NOG	Paducah.....	b
NKM	Missoula.....	b	NOGJ	S. C. 100.....	b
NKN	Monterey.....	b	NOGL	S. C. 102.....	b
NKP	S. P. 714 (Galatea).....	b	NOGN	S. C. 104.....	b
NKQ	Wilkes.....	b	NOGQ	S. C. 106.....	b
NKR	Rowan.....	b	NOH	Henderson.....	b
NKS	Sampson.....	b	NOI	Bridge.....	b
NKT	Schley.....	b	NOJ	Panther.....	b
NKU	Shaw.....	b	NOJK	S. C. 119.....	b
NKV	Tucker.....	b	NOJM	S. C. 121.....	b
NKW	Wadsworth.....	b	NOK	Patterson.....	b
NKX	Wainwright.....	b	NOKN	S. C. 143.....	b
NKY	Navajo.....	b	NOKQ	S. C. 145.....	b
NLZ	Nantucket Shoals Light Vessel (L. V. No. 85).....	c	NOKR	S. C. 147.....	b
NLC	Frying Pan Shoals Light Vessel (L. V. No. 94).....	c	NOL	Patapasco.....	b
NLD	Bird Island, Calif. (R. C.).....	c	NOLC	S. C. 154.....	b
NLE	Commodore.....	b	NOLF	S. C. 156.....	b
NLF	Kukul.....	b	NOLK	S. C. 159.....	b
NLG	Point Reyes, Calif. (R. C.).....	c	NOLR	S. C. 177.....	b
NLH	Point Montara, Calif. (R. C.).....	c	NOM	Patuxent.....	b
NLI	Grand Island, La. (R. C.).....	c	NOMD	S. C. 185.....	b
NLJ	Pathfinder.....	b	NOMF	S. C. 186.....	b
NLK	Bache.....	b	NOMJ	S. C. 188.....	b
NLL	Columbine.....	b	NOML	S. C. 190.....	b
NLM	Cypress.....	b	NOMM	S. C. 191.....	b
NLP	Head Bank Light Vessel (L. V. No. 81).....	c	NOMN	S. C. 192.....	b
NLS	Fire Island Light Vessel (L. V. No. 68).....	c	NOMR	S. C. 195.....	b
NLT	Orchid.....	b	NON	Paulding.....	b
NLU	Manzanita.....	b	NONN	S. C. 210.....	b
NLV	Sequoia.....	b	NONS	S. C. 214.....	b
NLW	Cedar.....	b	NOO	Porter.....	b
NLY	Topeka.....	b	NOOF	S. C. 223.....	b
NLZ	Constitution (old).....	b	NOPG	S. C. 224.....	b
NMA	Nebraska.....	b	NOPN	S. C. 229.....	b
NMC	Vestal.....	b	NOPQ	S. C. 231.....	b
NMD	Point Hueneme, Calif.....	c	NOPR	S. C. 232.....	b
NME	New Hampshire.....	b	NOPZ	S. C. 237.....	b
NMF	New Jersey.....	b	NOQQ	S. C. 251.....	b
NMG	New Orleans.....	b	NOQS	S. C. 253.....	b
NMH	Newport.....	b	NORJ	S. C. 263.....	b
NMK	Aroostook.....	b	NORK	S. C. 264.....	b
NML	Shawmut.....	b	NORR	S. C. 270.....	b
NMN	Charlotte.....	b	NORS	S. C. 271.....	b
NMO	North Dakota.....	b	NORV	S. C. 273.....	b
NMS	Neptune.....	b	NOSC	S. C. 277.....	b
NMW	Ohio.....	b	NOSD	S. C. 278.....	b
NMZ	Oregon.....	b	NOSL	S. C. 283.....	b
NNA	Brutus.....	b	NOSM	S. C. 284.....	b
NNB	Jason.....	b	NOSQ	S. C. 287.....	b
NNC	Langley.....	b	NOT	Pittsburgh.....	b
NND	Kanawha.....	b	NOTB	S. C. 294.....	b
NNE	Maumee.....	b	NOTG	S. C. 298.....	b
NNF	Nereus.....	b	NOTI	S. C. 299.....	b
NNG	Proteus.....	b	NOTN	S. C. 303.....	b
NNH	Leonidas.....	b	NOTQ	S. C. 305.....	b
NNI	St. Croix, V. I.....	c	NOTR	S. C. 306.....	b
NNK	Nanshan.....	b	NOTT	S. C. 308.....	b
NNL	Coco Solo, Canal Zone.....	c	NOTX	S. C. 310.....	b
NNM	Saturn.....	b	NOVC	S. C. 320.....	b
			NOVL	S. C. 326.....	b
			NOVN	S. C. 328.....	b
			NOVQ	S. C. 330.....	b
			NOVS	S. C. 332.....	b

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

Call.	Station.	Call.	Station.
NOW	Peoria.....b	NRW	Comanche (U. S. C. G.).....b
NOX	Perkins.....b	NRX	Unalga (U. S. C. G.).....b
NOXF	S. C. 340.....b	NRV	Yamacraw (U. S. C. G.).....b
NOXG	S. C. 341.....b	NSC	Port au Prince, Haiti.....b
NOXS	S. C. 353.....b		Bethany Beach, Del. (R. C.).....c
NOZC	S. C. 408.....b	NSD	Cape Henlopen, Del. (R. C.).....c
NOZD	S. C. 409.....b		Cape May, N. J.....c
NOZJ	S. C. 412.....b		Cape May, N. J. (R. C.).....c
NOZK	S. C. 413.....b	NSE	Tennessee.....b
NOZR	S. C. 419.....b	N8F	Annestia, D. C.....c
NOZZ	S. C. 424.....b	NSH	Manley.....b
NPA	Cordova, Alaska.....c	NSI	Caldwell.....c
NPB	Sitka, Alaska.....c	NSJ	Washington, D. C. (laboratory).....b
NPC	Puget Sound, Wash. (Bremerton).....c		Alpena, Mich.....c
NPD	Tatoosh, Wash.....c	NSM	Thunder Bay Island, Mich. (R. C.).....c
	Tatoosh, Wash. (R. C.).....c	NSN	Conner.....b
NPE	Fort Stevens, Oreg. (R. C.).....c	NSP	Arapho.....b
	North Head, Wash.....c	NSS	Annapolis, Md.....c
	Ocean Park, Wash. (R. C.).....c	NST	Solace.....c
NPF	Empire, Oreg. (R. C.).....c	NSU	Vixen.....b
	Marshfield, Oreg.....c	NSW	South Carolina.....b
NPG	San Francisco, Calif.....c	NSX	Huron.....b
NPH	Vladivostok, Russia.....c	NSZ	Cumberland.....b
NPI	Farrallon Island, Calif. (R. C.).....c	NTA	Ontario.....b
NPJ	Shanghai, China (receiving only).....c	NTB	Sterrett.....b
NPK	Point Arguello, Calif. (R. C.).....c	NTD	S. P. 1161 (Francis B. Hackett).....b
	Imperial Beach, Calif. (R. C.).....c	NTF	Saint Louis.....b
NPL	Point Loma, Calif. (R. C.).....c	NTG	Sonoma.....b
	San Diego, Calif.....c	NTL	Sylph.....b
	Honolulu, Hawaii (Heeia Point).....c	NTN	Faifax.....b
NPM	Monolulu, Hawaii (Pearl Harbor).....c	NTO	Mohave.....b
NPN	Guam, Guam Island.....c	NTP	Salem.....b
NPO	Cavite, P. I.....c	NTQ	San Francisco.....b
NPP	Pekin, China.....c	NTR	Rochester.....b
NPQ	St. Paul, Alaska.....c	NTT	Scorpion.....b
NPR	Dutch Harbor, Alaska.....c	NTX	Rhode Island.....b
NPS	Kodiak, Alaska.....c	NTZ	Roe.....b
NPT	Olongapo, P. I.....c	NUA	Tacoma.....b
NPU	Tutuila, Samoa.....c	NUB	Manistique, Mich.....c
NPV	Seward, Alaska.....c	NUBC	S. P. 43 (Daraga).....b
	Eureka, Calif.....c	NUCB	S. P. 909 (Eaglet).....b
NPW	Eureka, Calif. (R. C.).....c	NUCK	S. P. 54 (Patrol No. 6).....b
	Point Fermin, (alif. (R. C.).....c	NUBM	Vesuvius.....b
NPX	San Pedro, Calif.....c	NUBR	S. P. 3297 (Winthrop).....b
NPY	St. George, Alaska.....c	NUBS	S. P. 728 (Orc).....b
NQF	Pompey.....b	NUBT	S. P. 522 (Chas. Mann).....b
NQK	Potomac.....b	NCC	Tallahassee.....b
NQL	Machias.....b	NCCF	Lilac.....b
NQM	Prairie.....b	NUGC	S. P. 573 (Easthampton).....b
NQP	S. P. 524 (Margaret).....b	NUCJ	S. P. 1234 (Cigarette).....b
NQQ	Monocacy.....b	NUCK	S. P. 765 (A delante).....b
NQR	Prometheus.....b	NUCR	S. P. 680 (Ardent).....b
NQS	Falcs.....b	NUCS	S. P. 642 (Felicia).....b
NQT	Pampanga.....b	NUCT	S. P. 265 (Pocomoke).....b
NQU	Surveyor.....b	NUCX	S. P. 214 (Editilia).....b
NQV	Sacramento.....b	NUCZ	S. P. 249 (Hauoli).....b
NQW	New Mexico.....b	NUD	Mackinac Island, Mich.....c
NQZ	Quiros.....b	NUDF	S. P. 179 (Privateer).....b
NRA	Algonquin (U. S. C. G.).....b	NUDG	Ranger.....b
NRB	Bear (U. S. C. G.).....b	NUDK	S. P. 2373 (Herreshoff Hull No. 322).....b
NRC	Morrill (U. S. C. G.).....b	NUDP	Apo.....b
NRD	Androscoggin (U. S. C. G.).....b	NUDR	S. P. 707 (Endion).....b
NRE	Seneca (U. S. C. G.).....b	NUFB	Mohawk.....b
NRF	Snohomish (U. S. C. G.).....b	NUFG	S. P. 399 (Legonia).....b
NRG	Gresham (U. S. C. G.).....b	NUFL	S. P. 838 (John L. Lawrence).....b
NRH	Cleveland, Ohio.....b	NUFM	Sunflower.....b
NRJ	Itasca (U. S. C. G.).....b	NUFN	S. P. 1149 (Barnett).....b
NRK	Ossipee (U. S. C. G.).....b	NUFZ	S. P. 185 (Clarinda).....b
NRL	Puerto Obaldia, Panama.....c	NUG	Eagle Harbor, Mich.....c
NRM	Tuscarora (U. S. C. G.).....b	NUGB	S. P. 3218 (Resolute).....b
NRN	Cape Hinchenbrook, Alaska (R. C.).....c	NUGD	Mackinac.....b
NRN	Manning (U. S. C. G.).....b	NUGG	Natoma.....b
NRO	Onondaga (U. S. C. G.).....b	NUGJ	Alameda.....b
NRQ	Detroit, Mich.....c	NUGK	Kaweah.....b
NRK	Pamlico (U. S. C. G.).....b	NUGL	Laramie.....b
NRS	Seminole (U. S. C. G.).....b	NUGM	Mattole.....b
NRT	Little.....b	NUGN	Patoka.....b
NRU	Acushnet (U. S. C. G.).....b	NUGP	Ramapo.....b
NRV	Tallapoosa (U. S. C. G.).....b		

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

Call.	Station.	Call.	Station.		
NUGQ	Rapidan.....	b	NUNZ	Nicholas.....	b
NUGR	Salinas.....	b	NUPC	John D. Edwards.....	b
NUGS	Sapelo.....	b	NUPD	Parrott.....	b
NUGT	Sepulgar.....	b	NUPF	Lardner.....	b
NUGV	Tippecanoe.....	b	NUPG	Putnam.....	b
NUGX	Trinity.....	b	NUPJ	Pequot (U. S. C. G.).....	b
NUH	Pawnee.....	b	NUPK	Coghlan.....	b
NUI	Terry.....	b	NUPL	Sicard.....	b
NUJ	Pawtucket.....	b	NUPM	Edsall.....	b
NUJD	Abel P. Upshur.....	b	NUPN	Bulmer.....	b
NUJF	Hunt.....	b	NUPP	Sirius.....	b
NUJG	George E. Badger.....	b	NUPQ	Billingsley.....	b
NUJJ	Smith Thompson.....	b	NUPR	Charles Ausburne.....	b
NUJK	Barker.....	b	NUPS	Bruce.....	b
NUJL	Tracy.....	b	NUPT	MacLeish.....	b
NUJM	James K. Paulding.....	b	NUPV	Pruitt.....	b
NUJN	Overton.....	b	NUPX	Simpson.....	b
NUJP	Sturtevant.....	b	NUPZ	McCormick.....	b
NUJQ	Henshaw.....	b	NUQ	Trippe.....	b
NUJR	Meyer.....	b	NUQB	Pope.....	b
NUJS	Doyen.....	b	NUQC	Osborne.....	b
NUJT	La Vallette.....	b	NUQD	Peary.....	b
NUJV	Shirk.....	b	NUQE	Goff.....	b
NUJX	Kidder.....	b	NUQG	Pillsbury.....	b
NUJZ	Selfridge.....	b	NUQJ	Ford.....	b
NUK	Milwaukee, Wis.....	c	NUQK	Truxton.....	b
NUKB	Robert Smith.....	b	NUQL	Bainbridge.....	b
NUKC	Wasmuth.....	b	NUQM	Hopkins.....	b
NUKD	Hulbert.....	b	NUQN	Paul Jones.....	b
NUKF	Noa.....	b	NUQP	Barry.....	b
NUKX	Humphreys.....	b	NUQQ	Lawrence.....	b
NUL	Pentucket.....	b	NUQR	MacDonough.....	b
NULD	Harbor Tug No. 63.....	b	NUQS	Perry.....	b
NULG	Harbor Tug No. 67.....	b	NUQT	Hull.....	b
NULJ	Welborn C. Wood.....	b	NUQU	Decatur.....	b
NULK	Alden.....	b	NUQX	Sumner.....	b
NULL	Borie.....	b	NUQZ	Corry.....	b
NULM	Kane.....	b	NUR	Chicago, Ill.....	c
NULN	Childs.....	b	NURC	Melvin.....	b
NULP	King.....	b	NURD	Spica.....	b
NULQ	Sands.....	b	NURF	Procyon.....	b
NULR	Sinclair.....	b	NURG	Rigel.....	b
NULS	McCawley.....	b	NURJ	Altair.....	b
NULT	Moody.....	b	NURK	Eider.....	b
NULV	Sharkey.....	b	NUT	Rocket.....	b
NULX	Toucey.....	b	NUU	Samoset.....	b
NULZ	Breck.....	b	NUV	Sebago.....	b
NUMB	Zeilin.....	b	NUW	Soapstone Point, Alaska (R. C.).....	c
NUMC	Yarborough.....	b	NUX	Duluth, Minn.....	c
NUMD	Sloat.....	b	NUZ	Astoria, Oreg.....	c
NUMF	Wood.....	b	NVA	Traffic.....	b
NUMG	Marcus.....	b	NVC	Triton.....	b
NUMJ	Mervine.....	b	NVD	Juneau, Alaska.....	c
NUMK	Chase.....	b	NVE	Utah.....	b
NUML	Mullany.....	b	NVF	Uncas.....	b
NUMM	Litchfield.....	b	NVH	Ketchikan, Alaska.....	c
NUMN	Zane.....	b	NVI	Wahneta.....	b
NUMP	Trever.....	b	NVJ	Wompatuck.....	b
NUMQ	William B. Preston.....	b	NVK	Vermont.....	b
NUMR	Harbot Tug No. 68.....	b	NVL	Seattle, Wash.....	c
NUMS	S. P. 681 (breakwater).....	b	NVN	Vicksburg.....	b
NUMT	Harbor Tug No. 64.....	b	NVP	Villalobos.....	b
NUMV	Mansfield.....	b	NVR	Virginia.....	b
NUMX	Harbor Tug No. 61.....	b	NVS	Farragut.....	b
NUMZ	Kankakee (U. S. C. G.).....	b	NVT	Vulcan.....	b
NUN	Tonopah.....	b	NUVU	Bagley.....	b
NUNB	Yocona (U. S. C. G.).....	b	NVV	Barney.....	b
NUNC	Lamson.....	b	NVW	Biddle.....	b
NUND	Dale.....	b	NVX	Blakely.....	b
NUNF	Flusser.....	b	NVZ	Dahlgren.....	b
NUNG	Preble.....	b	NWB	De Long.....	b
NUNJ	Preston.....	b	NWC	Dupont.....	b
NUNK	Reid.....	b	NWD	Warrington.....	b
NUNL	Whipple.....	b	NWE	Washington.....	b
NUNM	Worden.....	b	NWF	Foote.....	b
NUNN	Stewart.....	b	NWG	Huntington.....	b
NUNQ	United States.....	b	NWH	Wheeling.....	b
NUNR	Dobbin.....	b	NWJ	Fox.....	b
NUNS	Williamson.....	b	NWK	Wilmington.....	b
NUNT	Reuben James.....	b	NWL	Walke.....	b
NUNV	Isherwood.....	b	NWM	Wisconsin.....	b
NUNX	Case.....	b	NWQ	Wyoming.....	b

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

Call.	Station.	Call.	Station.	
NWS	Morris.....	b	WUJ	Fort Sam Houston, Tex.....
NWT	Rodgers.....	b	WUK	Fort Stevens, Oreg.....
NWU	Shubrick.....	b	WUL	Fort Totten, N. Y.....
NWV	Somers.....	b	WUN	Fort Worden, Wash.....
NWX	Thornton.....	b	WUO	Fort Winfield Scott, Calif.....
NWY	Tingey.....	b	WUQ	Washington, D. C. (laboratory).....
NXA	Chatham, Mass.....	c	WUR	Fort Morgan, Ala.....
NXP	Chatham, Mass. (R. C.).....	c	WUS	Fort Rosecrans, Calif.....
NXQ	D-1.....	b	WUT	Fort Caswell, N. C.....
NXR	D-2.....	b	WUU	Fort Adams, R. I.....
NXS	D-3.....	b	WUV	Livengood, Alaska.....
NXT	E-1.....	b	WUW	Fort Terry, N. Y.....
NXU	E-2.....	b	WUX	Fort Crockett, Tex.....
NXV	Azalea.....	b	WUY	Fort San Jacinto, Tex.....
NXW	F-2.....	b	WUZ	Fort Brown, Tex.....
NXX	F-3.....	b	WVA	Circle, Alaska.....
NXZ	Tulip.....	b	WVB	Fairbanks, Alaska.....
NYA	G-2.....	b	WVC	Fort Egbert, Alaska.....
NYB	G-3.....	b	WVD	Fort Gibbon, Alaska.....
NYD	H-2.....	b	WVE	Fort St. Michael, Alaska.....
NYE	H-3.....	b	WVF	Kotlik, Alaska.....
NYF	K-1.....	b	WVG	Nome, Alaska.....
NYG	K-2.....	b	WVH	Nulato, Alaska.....
NYH	K-3.....	b	WVI	Wrangell, Alaska.....
NYI	K-4.....	b	WVK	Holy Cross, Alaska.....
NYJ	K-5.....	b	WVL	Fort Frank, P. I.....
NYK	K-6.....	b	WVM	Noorvik, Alaska.....
NYL	K-7.....	b	WVN	Fort Mills, P. I.....
NYM	K-8.....	b	WVO	Boston, Mass.....
NYN	L-1.....	b	WVP	Governors Island, N. Y.....
NYO	L-2.....	b	WVQ	Fort Howard, Md.....
NYP	L-3.....	b	WVR	Fort McPherson, Ga.....
NYQ	L-4.....	b	WVS	Fort Benjamin Harrison, Ind.....
NYR	L-5.....	b	WVT	Chicago, Ill.....
NYS	L-6.....	b	WVU	Fort Omaha, Nebr.....
NYT	L-7.....	b	WVV	Jefferson Barracks, Mo.....
NYU	L-8.....	b	WVW	Fort D. A. Russel, Wyo.....
NYV	L-9.....	b	WVX	Fort Douglas, Utah.....
NYW	L-10.....	b	WVY	San Francisco, Calif. (Presidio of San Francisco).....
NYX	L-11.....	b	WVO	Cleveland, Ohio.....
NYZ	M-1.....	b	WWQ	Bellefonte, Pa.....
NZA	Mohican.....	b	WWU	Hempstead, N. Y.....
NZC	Bushnell.....	b	WWV	Washington, D. C. (laboratory).....
NZD	Fulton.....	b	WWX	Washington, D. C.....
NZE	N-1.....	b	WXA	Buford.....
NZF	N-2.....	b	WXB	Crook.....
NZG	N-3.....	b	WXD	Meigs.....
NZH	N-4.....	b	WXE	Liscum.....
NZI	N-5.....	b	WXF	Logan.....
NZJ	N-6.....	b	WXG	Fort Washington, Md.....
NZK	N-7.....	b	WXI	Merritt.....
NZO	Annapolis, Md. (laboratory).....	c	WXJ	Sheridan.....
NZQ	Mayflower (L. H. tender).....	b	WXK	Sherman.....
NZR	Cayey, P. R. (El Cayey).....	c	WXL	Iditarod, Alaska.....
NZT	Grand Marias, Mich. (R. C.).....	c	WXM	Thomas.....
NZU	Whitefish Point, Mich. (R. C.).....	c	WKN	Warren.....
NZV	Detour Point, Mich. (R. C.).....	c	WNO	Craig, Alaska.....
NZW	Folly Island, S. C. (R. C.).....	c	WXP	Fort Travis, Tex.....
NZZ	North Island, S. C. (R. C.).....	c	WXQ	Morgan-Lewis.....
WJI	Zizania.....	b	WXR	Burnside.....
WUA	Atka Island, Alaska.....	c	WXS	Slocum.....
WUAB	Fort Andrews, Mass.....	c	WXT	Joseph Henry.....
WUAC	Cadmus.....	b	WXU	Navesink.....
WUAD	Gypsum Prince.....	b	W XV	McGrath, Alaska.....
WUAE	Gwalla.....	b	WXX	General John M. Schofield.....
WUAJ	Tacony.....	b	WXY	Fort Yukon, Alaska.....
WUAK	Manila, P. I.....	c	W XZ	Washington, D. C. (laboratory).....
WUAL	Fort Wint, P. I.....	c	WYA	Fort Storey, Va.....
WUB	Fort Drum, P. I.....	c	WYB	Gen. Royal T. Frank.....
WUBA	Fort Hancock, N. J.....	c	WYBA	Gen. S. M. Mills.....
WUBB	Camp Alfred Vail, N. J.....	c	WYBB	Gen. Absalom Baird.....
WUBC	Fort Sul, Okla.....	c	WYBC	Gen. J. Franklin Bell.....
WUC	Camp Knox, Ky.....	c	WYBD	Cyrus W. Field.....
WUCA	Fort H. G. Wright, N. Y.....	c	WYBE	Gen. William M. Graham.....
WUCB	Camp Stotsenburg, P. I.....	c	WYBF	Col. George F. E. Harrison.....
WUE	Camp John Hay, P. I.....	c	WYBG	Gen. Edmund Kirby.....
WUF	Fort Levett, Me.....	c	WYBH	Gen. Wallace F. Randolph.....
WUG	Fort Monroe, Va.....	c	WYBI	Gen. John P. Story.....
WUI	Camp Maria, Tex.....	c	WYBJ	Col. Albert Todd.....
	Laredo, Tex.....	c	WYBK	Col. Garland N. Whistler.....
	Fort Riley, Kans.....	c		Col. John V. White.....

100 BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE.

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

Call.	Station.	Call.	Station.
WYBL	Poe..... b	WYM	Capt. James Fornance..... b
WYBM	Capt. Samuel C. Cardwell..... b	WYN	Reno..... b
WYBN	Capt. Fred L. Perry..... b	WYO	Maj. Evan Thomas..... b
WYBO	Capt. Edwin C. Long..... b	WYP	Capt. Gregory Barrett..... b
WYBP	Capt. Edward P. Nones..... b	WYQ	Maj. Albert G. Force..... b
WYBQ	Lieut. Harold G. Douglas..... b	WYR	Lieut. Geo. M. Harris..... b
WYBR	Lt. Col. Robert C. Gildart..... b	WYS	Gen. G. W. Getty..... b
WYBS	Lt. Col. Herman C. Schumm..... b	WYT	Capt. A. M. Wetherill..... b
WYBT	Maj. Carl A. Lohr..... b	WYU	Gen. Robert W. Swartout..... b
WYBU	Maj. Lester E. Moreton..... b	WYV	Gen. S. B. Holabird..... b
WYBV	Maj. Albert G. Jenkins..... b	WYW	Gen. R. H. Jackson..... b
WYBW	Maj. William P. Pence..... b	WYX	Tien-Tsin, China..... b
WYBX	Maj. John W. McKie..... b	WYY	Gen. Richard Arnold..... b
WYBY	Capt. Clarence M. Condon..... b	WYZ	Capt. T. M. Morrison..... b
WYC	Maj. Samuel Ringgold..... b	WZA	Fort Screven, Ga..... c
WYCA	Cuba..... b	WZC	Fort Whitman, Wash..... c
WYD	Gen. Henry J. Hunt..... b	WZD	Fort Barrancas, Fla..... c
WYDA	St. Louis, Mo..... c	WZE	Fort Constitution, N. H..... c
WYDB	Memphis, Tenn..... c	WZF	Fort Moultrie, S. C..... c
WYDC	New Orleans, La..... c	WZH	Port Eads, La..... c
WYDD	Natchez..... b	WZI	Fort Casey, Wash..... c
WYDE	Vicksburg..... b	WZK	Fort Dade, Fla..... c
WYDF	Cairo..... b	WZN	Fort Du Pont, Del..... c
WYDG	St. Louis..... b	WZO	Fort Bliss, Tex..... c
WYDH	New Orleans..... b	WZP	Fort Huachuca, Ariz..... c
WYDI	Baton Rouge..... b	WZQ	Gen. Timothy Pickering..... b
WYDJ	Memphis..... b	WZR	Gen. Nathaniel Greene..... b
WYE	Gen. Henry Knox..... b	WZS	Henry Wilson..... b
WYF	Gen. E. O. C. Ord..... b	WZT	Gen. George H. Weeks..... b
WYG	Col. George Armistead..... b	WZU	Sprigg Carroll..... b
WYH	Gen. Robert Anderson..... b	WZV	Gen. J. M. Brannan..... b
WYI	Capt. Charles W. Rowell..... b	WZW	Gen. R. N. Batchelder..... b
WYJ	Gen. A. M. Randal..... b	WZX	Gen. Mifflin..... b
WYK	Gen. Harvey Brown..... b	WZY	Maj. Guy Howard..... b
WYL	Gen. R. B. Ayres..... 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—
Ablene, Tex.	5YN	200, 375.	Simmons College.
Ablene, Tex.	5ZAX	200, 375.	Eugene W. Wood, 340 Butternut St.
Agricultural College, Miss.	5YD	200, 375.	Mississippi Agricultural and Mechanical College.
Agricultural College, N. Dak.	9YG	200, 375.	North Dakota Agricultural College.
Alameda, Calif.	6XA	Variable.	H. H. Hyder, 1304 Versailles St.
Albuquerque, N. Mex.	5YQ	200, 375.	University of New Mexico.
Alexandria, La.	5ZD	200, 375.	Frank B. Beuhler.
Alliance, Ohio.	8YT	200, 375.	Mount Union College.
Amarillo, Tex.	5ZH	200, 375.	J. Laurance Martin, 605 E. 4th St.
Ames, Iowa.	9YI	200, 375.	Iowa State College.
Ann Arbor, Mich.	8XA	200, 375.	University of Michigan.
Anthony, Kans.	9ZAC	200, 375.	T & H Radio Co.
Asheville, N. C.	4ZD	200, 375.	Piedmont Electric Co.
Ashland, Ohio.	8ZN	200, 375.	J. W. Kauffman.
Athol, Mass.	1XP	160, 400.	Leon W. Bishop, 160 Cottage St.
Atlanta, Ga.	4XA	200, 275, 375.	Emory University.
Atlanta, Ga.	4XC	200, 375.	B. W. Benning, 50 Whiteford Ave.
Atlanta, Ga.	4XF	200, 275, 325, 340.	Charles L. Pierce.
Atlanta, Ga.	4XH	200, 275, 325, 340.	H. E. Bussey, 76 E. 5th St.
Atlanta, Ga.	4XI	200, 275.	Technological High School.
Atlanta, Ga.	4YA	200, 375.	Georgia School of Technology.
Atlanta, Ga.	4YJ	200, 375.	Knights of Columbus School.
Atlanta, Ga.	4ZB	200, 375.	Georgia Railway & Power Co.
Auburn, Ala.	5XA	200, 250, 375.	Alabama Polytechnic Institute.
Auburn, N. Y.	8YA	200, 375.	Edward L. Colby (Colby's Telegraph School).
Austin, Tex.	5XU	200, 375, 425.	University of Texas.
Austin, Tex.	5XX	Variable.	Tom L. Gray, 3908 Ave. F.
Austin, Tex.	5ZAG	200, 375.	George E. Endress, 711 W. 23d St.
Austin, Tex.	5ZU	200, 375.	Wesley Hope Tilley, 4112 Ave. F.
Avalon, Calif.	6XAD	Variable.	Lawrence Mott.
Bakersfield, Calif.	6ZS	200, 375.	Lindley Winsor, 200 22d St.
Bala, Pa.	3ZA	200, 325.	Charles A. Service, jr.
Baltimore, Md.	3XAA	175, 375.	E. Craig Densten.
Baltimore, Md.	3XG	345, 385, 400, 420.	Johns Hopkins University.
Baltimore, Md.	3XT	175, 375.	Louis E. Richwien, 208 Harmison St.
Baltimore, Md.	3XX	200, 375.	R. Selway Collmus.
Baltimore, Md.	3YH	200.	Y. M. C. A. Radio School.
Baltimore, Md.	3YR	375.	Polytechnic Institute, City of Baltimore.
Baltimore, Md.	3ZN	200, 375.	Harold A. Hogan.
Baltimore, Md.	3ZU	200, 375.	Southern Wireless Institute.
Bangor, Me.	1XG	275, 375.	Bangor Railway & Electric Co.
Barnesville, Ohio.	8ZAC	200, 375.	Clifford H. Galloway.
Baton Rouge, La.	5ZAC	200, 375.	Wilmer L. Barrow, 918 Convention St.
Battle Creek, Mich.	8YN	200, 375.	Battle Creek High School.
Baudette, Minn.	9ZC	200, 375.	John A. Gjelhaug.
Bay St. Louis, Miss.	5ZAU	200, 375.	Hubert E. De Ben, Front St.
Bear Creek, Mont.	7ZG	200, 375.	Winfred E. Slauson.
Belleville, Ill.	9XX	200, 375.	Charles B. Harrison.
Belmar, N. J.	2XAO	Variable.	Radio Corporation of America.
Berkeley, Calif.	6XX	Variable.	Bernard F. McNamee, 2436 Stuart St.
Berkeley, Calif.	6XM	Variable.	University of California.
Berkeley, Calif.	6ZAF	200, 375.	A. H. Babcock, 65 Market St.
Berkeley, Calif.	6ZQ	200, 375.	Fred L. Wismer, 1906 Chestnut St.
Biloxi, Miss.	5ZAH	200, 375.	Hubert S. Ogden.
Birmingham, Ala.	5XC	200, 375.	Alabama Power Co.
Birmingham, Ala.	5ZAS	200, 375.	John C. Bell, 1128 11th St., N. Birmingham, Ala.
Birmingham, Ala.	5ZI	200, 375.	John M. Wilder, 1311 N. 14th St.
Blacksburg, Va.	3XN	200, 375, variable.	Virginia Polytechnic Institute.
Blackwell, Okla.	5ZZ	200, 375.	Schonwald Bros.
Bloomington, Ind.	9YAG	200, 375.	Indiana University (Dept. of Physics).
Bloomington, Ill.	9YS	200, 375.	Illinois Wesleyan University.
Boise, Idaho.	7YA	200, 375.	Ind. School Dist., Boise City, Boise High School.
Boston, Mass.	1XAF	Variable.	Edison Electric Illuminating Co. of Boston.
Boston, Mass. (portable).	1XAG	Variable.	Do.
Boston, Mass.	1YC	200.	Eastern Radio Institute.
Boston, Mass.	1YS	200, 375.	Massachusetts Radio & Telegraph School.

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

Station.	Call signal.	Wave lengths.	Station controlled by—
Boulder, Colo.	9XAQ	200, 375, variable.	University of Colorado.
Bozeman, Mont.	7XB	200, 375.	Montana State College.
Bozeman, Mont.	7ZD	200, 375.	R. Earl Dawes.
Bridgeport, Pa.	3XAE	255, 375.	Diamond State Fibre Co.
Brookline, Mass.	1XA	75, 350.	James C. Ramsey, 369 Tappan St.
Brooklyn, N. Y.	2XT	Variable.	Lowenstein Radio Co.
Brownwood, Tex.	5XF	200, 375, variable.	Howard Payne College.
Buena Vista, Ga.	4XE	200, 375.	William B. Short.
Buena Vista, Va.	3ZAA	200, 375.	J. Frank Kay, Walnut St.
Buffalo, N. Y.	8XAD	200, 250, 375.	Federal Telephone & Telegraph Co.
Buffalo, N. Y.	8ZM	200, 375.	Cyrus H. Fraser, 48 Glenwood Ave.
Burrwood, La.	5XE	Variable.	Tropical Radio Telegraph Co.
Byron, Ill.	9ZG	200, 375.	Albert C. Mertz.
Cambridge, Mass.	1XAB	Variable.	Clapp-Eastham Co., 139 Main St.
Cambridge, Mass.	1XJ	Variable.	Harvard University.
Cambridge, Mass.	1XM	Variable.	Massachusetts Institute of Technology.
Cambridge, Mass.	1XO	Variable.	General Radio Co.
Camden, N. J.	3YQ	200, 375.	Federal Institute of Radio Telegraphy.
Canton, Ohio.	8ZV	200, 375.	Henry L. Ley, 619 4th St.
Casper, Wyo.	7ZO	200, 375.	Norman R. Hood, 1022 S. Ash St.
Cedar Grove, N. J.	2ZE	100, 150, 200, 375.	Paul F. Godley.
Charlotte, N. C.	4XD	245, variable.	F. M. Laxton, Belvedere Ave.
Charlottesville, Va.	3XAB	200, 375, variable.	Virginia Radio Co.
Chicago, Ill.	9XAM	Variable.	City of Chicago (department of electricity).
Chicago, Ill. (portable)	9XB	350-450.	City of Chicago, 614 City Hall.
Chicago, Ill.	9XG	375, variable.	Austin A. Howard.
Chicago, Ill.	9YE	200, 375.	Tilden Technical High School.
Chicago, Ill.	9YL	200, 375.	Armour Institute of Technology.
Chicago, Ill.	9ZN	200, 375.	Ralph H. G. Mathews, 6433 Ravenswood Ave.
Cincinnati, Ohio.	8XAH	150-550.	Ohio Mechanics Institute.
Cincinnati, Ohio.	8XAJ	1650.	Union Gas & Electric Co.
Cincinnati, Ohio.	8XB	200, 375.	Precision Equipment Co.
Cincinnati, Ohio.	8YAC	200, 375.	St. Xavier College.
Cincinnati, Ohio.	8YAD	200, 375.	C. M. Howe.
Cincinnati, Ohio.	8YS	200, 375.	University of Cincinnati (dept. of physics).
Cincinnati, Ohio.	8YX	200, 375.	University of Cincinnati (dept. of electrical engineering).
Cincinnati, Ohio.	8ZH	200, 375.	Cino Radio Manufacturing Co.
Clarinda, Iowa.	9ZAA	200, 375.	Farmers Mutual Telephone Co.
Cleveland, Ohio.	8XT	Variable.	Cleveland Electric Illuminating Co.
Cleveland, Ohio.	8ZF	200, 375.	Edward I. Deighan, 5415 Hermann Ave.
Cliffwood, N. J.	2XF	350-450.	Western Electric Co.
Clinton, Md.	3XE	200, 425.	W. W. Connors.
Cochise, Ariz.	6ZC	200, 375.	Dr. J. B. Ellis, Box 24, Rancho de Casa Loma.
College Station, Tex.	5XB	200, 375, variable.	Agricultural & Mechanical College of Texas (dept. of electrical engineering).
College Station, Tex.	5ZP	200, 375.	Ralph E. Smith.
Collegeville, Minn.	9XT	200, 375.	St. Johns University.
Colorado Springs, Colo.	9XC	200, 375.	Colorado College.
Columbia, Mo.	9YM	200, 375.	University of Missouri.
Columbus, Ohio.	8XJ	200, 375.	Ohio State University.
Columbus, Ohio.	8YO	200, 375.	Do.
Columbus, Ohio.	8ZAF	200, 375.	Robert C. Bohannon, 1918 Indianola Ave.
Columbus, Ohio.	8ZO	200, 375.	Loren G. Windom, 1375 Franklin Ave.
Commerce, Tex.	5ZAM	200, 375.	Arthur C. West.
Conway, Ark.	5XAC	200, 375.	Conway Radio Laboratories.
Corvallis, Oreg.	7XH	Variable.	Oregon Agricultural College.
Cradock, Va.	3ZZ	200, 375.	Aloysius A. Kubiac.
Crete, Nebr.	9YU	200, 375.	Doane College.
Culver, Ind.	9YQ	200, 375.	Culver Military Academy.
Dallas, Tex.	5ZAQ	200, 375.	City of Dallas, police and fire signal department.
Dallas, Tex.	5ZAW	200, 375.	Kendall Brothers, 3301 Wellborn St.
Dallas, Tex.	5ZAY	200, 375.	A. H. Belo & Co.
Dallas, Tex.	5ZC	200, 250, 350, 375.	Frank M. Corlett.
Davenport, Iowa.	9XAC	Variable.	Karlawa Radio Corp.
Davenport, Iowa.	9XE	Variable.	William H. Kirwan, 1416 W. Pleasant St.
Davenport, Iowa.	9YAP	200, 375, 410.	Saint Ambrose College.
Dayton, Ohio.	8YU	200, 375.	Young Men's Christian Association.
Deal Beach, N. J.	2XJ	350-450.	Western Electric Co.
Dearborn, Mich.	8XD	460, 480, 500, 520.	Henry Ford.
Decatur, Ga.	4ZF	200, 250, 375.	Thurston Hatcher.
Defiance, Ohio.	8ZY	200, 375.	K. A. Duerk, 1000 Wilhelm St.
Delanco, N. J.	3XP	250.	Henry M. Neely.
Delaware, Ohio.	8YK	200, 375.	Ohio Wesleyan University.
Denver, Colo.	9XAG	200, 375, 450, 750.	Harry H. Buckwalter.

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

Station.	Call signal.	Wave lengths.	Station controlled by—
Denver, Colo.....	9YAL	200, 375.....	Y. M. C. A. Radio Teleg. and Telep. School.
Denver, Colo.....	9ZAF	200, 375.....	William C. Reynolds.
Denver, Colo.....	9ZD	200, 375.....	Edward C. Stockman.
Des Moines, Iowa.....	9YAO	200, 375.....	Des Moines University.
Detroit, Mich.....	8XO	360.....	Detroit News.
Detroit, Mich.....	8YAF	200, 375.....	University of Detroit.
Douglas, Ariz.....	6ZZ	200, 375.....	Harry L. Gooding, Box 175
Douglas, Wyo.....	7ZV	200, 375.....	Felix Thompson.
Dover, Ohio.....	8ZX	200, 375.....	Harry S. Weber.
Dublin, Tex.....	5XJ	200, 375, variable.	Guy W. Neel.
Dubuque, Iowa.....	9ZA	200, 375.....	Clifford W. Patch.
Dunmore, Pa.....	8ZQ	200, 375.....	Roy C. Ehrhardt.
Eagle Pass, Tex.....	5ZN	200, 375.....	Ed. Nettleton.
Eagle Rock, Calif.....	6ZAL	200, 375.....	Olivar S. Garretson.
East Cleveland, Ohio.....	8YD	200, 375.....	Shaw Technical School.
East Lansing, Mich.....	8YG	200, 375.....	Michigan Agricultural College.
Easton, Pa.....	3YO	200, 375.....	Lafayette College.
East Palestine, Ohio.....	8ZJ	200, 375.....	R. D. McCommon, 268 N. Market St.
East St. Louis, Ill.....	9ZAG	200, 375.....	Boy Scouts of America.
Elk, Wyo.....	7ZE	200, 375.....	Harold Prescott Sheard.
Ellendale, N. Dak.....	9ZX	200, 375.....	H. J. Goddard and E. S. Leavenworth.
Ellsworth, Me.....	1XC	275, 375.....	Bangor Railway and Electric Co.
El Paso, Tex.....	5ZAD	200, 375.....	A. LeRoy Hill, 811 North Oregon St.
El Paso, Tex.....	5ZAR	200, 375.....	Elite Electric Shop.
Emporia, Kans.....	9YAA	200, 375.....	College of Emporia.
Enid, Okla.....	5ZM	200, 375.....	Charles E. Whartenby.
Enterprise, Oreg.....	7ZH	200, 375.....	Orland M. Heacock.
Eugene, Oreg.....	7YB	200, 375.....	University of Oregon (dept. of physics).
Evanston, Ill.....	9YH	200, 375.....	Evanston High School.
Evansville, Ind.....	9XAH	200, 210, 375.....	Ideal Apparatus Co.
Fayetteville, Ark.....	5YM	200, 375.....	University of Arkansas.
Fayetteville, Ark.....	5ZAZ	200, 375.....	Lawrence W. Stinson, 354 N. West St.
Fort Riley, Kans.....	9ZE	200, 375.....	Frank M. Ende (major).
Fort Wayne, Ind.....	9XH	Variable.....	City of Fort Wayne (dept. of pub. safety)
Fort Worth, Tex.....	5YS	200, 375.....	Oba R. Garrett, 611½ Main St.
Franklin, La.....	5ZK	200, 375.....	Paul Ellis Greenlaw.
Fresno, Calif.....	6XU	200, 375.....	San Joaquin Light & Power Corp.
Fresno, Calif.....	6ZU	200, 375.....	Lloyd E. Martin, 100 Olive Ave.
Friendship Heights, Md.....	3ZF	200, 375.....	John V. Pursell.
Gloucester, Mass.....	1XI	Variable.....	John Hays Hammond, jr.
Golden, Colo.....	9XAI	200, 375.....	Colorado School of Mines.
Grand Coteau, La.....	5XZ	200, 250, 375.....	St. Charles College.
Grand Rapids, Mich.....	8ZAG	200, 375.....	Charles E. Holmes, 310 W. Brown St.
Granville, Ohio.....	8YM	200, 375.....	Richard H. Howe.
Great Neck, N. Y.....	2XAN	Variable.....	Harry Alexander, 20 W. 34th St.
Greencastle, Ind.....	9YJ	200, 375.....	De Pauw University.
Green Harbor, Mass.....	1XD	350-450.....	Western Electric Co.
Greenwich, Conn.....	1XB	Variable.....	Minton Cronkhite.
Grove City, Pa.....	8YV	200, 375.....	Grove City College.
Gunnison, Colo.....	9YAH	200, 375.....	Colorado State Normal School.
Hagerstown, Md.....	3ZI	200, 375.....	Roy C. Corderman.
Hamilton, Ohio.....	8XAG	200, 225, 375.....	Doron Brothers Electric Co.
Hanover, N. H.....	1YB	200, 375.....	Dartmouth College.
Highland Park, Mich.....	8XAF	200-530.....	Howard P. Hardesty, 396 Monterey Ave.
Highland Park, Mich.....	8ZZ	200, 375.....	Clyde E. Darr.
Hoboken, N. J. (Car No. 782).....	2XAJ	225, 275.....	Delaware Lackawanna & Western R. R. Co.
Hoboken, N. J.....	2XD	Variable.....	Ware Radio Co., N. Y.
Honolulu, Hawaii.....	6XAP	200, 340.....	The Electric Shop.
Houma, La.....	5ZAB	200, 375.....	Pullen Bros.
Houston, Tex.....	5XAA	Variable.....	Hurlburt-Still Electric Co.
Houston, Tex.....	5XN	200, 375.....	Ernest Hubner, 1607 McKeel St.
Houston, Tex.....	5XO	200, 375.....	George McDouglas, 411 W. 23rd St.
Houston, Tex.....	5XS	200, 250, 375.....	Tel. Electric Co.
Houston, Tex.....	5YG	200, 375.....	Rice Institute.
Houston, Tex.....	5ZAA	200, 375.....	Francis M. Austin, R. F. D. No. 3, Box 29-B, Bellaire Blvd.
Houston, Tex.....	5ZE	200, 375.....	B. J. Still, Brookline Ave.
Houston, Tex.....	5ZO	200, 375.....	Clifford W. Vick, 1918 Smith St.
Houston, Tex.....	5ZT	200, 375.....	Ingham S. Roberts III, 302 W. Main St.
Houston, Tex.....	5ZV	200, 375.....	Hallet E. Worthington, 4909 Park Drive.
Houston, Tex.....	5ZX	200, 375.....	Alfred P. Daniel, 2504 Bagby St.
Hyattsville, Md.....	3XR	Variable.....	J. Harris Rogers.
Independence, Mo.....	9ZAD	200, 375.....	George S. Turner.
Independence, Mo.....	9ZAH	200, 375.....	Reorganized Church of Christ of Latter Day Saints.
Indianapolis, Ind.....	9ZJ	200, 375.....	Francis F. Hamilton, 2011 N. Ala. St.
Iowa City, Iowa.....	9YA	200, 425.....	State University of Iowa.
Ithaca, N. Y.....	8XU	Variable.....	Cornell University (dept. of elec. eng.).
Juliff, Tex.....	5ZW	200, 375.....	Donald H. Graham, Elm Grove Plantation.
Kansas City, Mo.....	9XAB	200, 375.....	McCreary Radio Supply Co.

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

Station.	Call signal.	Wave lengths.	Station controlled by—
Kansas City, Mo.....	9XK	Variable, under 500.	Robert R. Moore.
Kearney, Nebr.....	9ZAB	200, 375	S. L. Keller.
Knoxville, Tenn.....	5XK	200, 375	George P. Stout, 1621 Riverside Drive.
Kountze, Tex.....	5ZAJ	200, 375	Arthur H. Holt.
Lacey, Wash.....	7YS	200, 375	St. Martin's College.
La Crosse, Wis.....	9ZY	200, 375	Ben A. Ott.
Lamoni, Iowa.....	9YO	200, 350, 425.	Graceland College.
Laredo, Tex.....	5ZAN	200, 375	Charles G. Clark, Fort McIntosh.
Le Mars, Iowa.....	9YAE	200, 375	Western Union College.
Lewisburg, Pa.....	8XN	200, 375	Bucknell University.
Lexington, Ky.....	9YAI	200, 375	Transylvania University.
Lexington, Ky.....	9YC	200, 375	University of Kentucky.
Lexington, Va.....	3YK	200, 375	Virginia Military Institute.
Lexington, Va.....	3ZX	200, 375	Harry M. Quisenberry, 23 Edmundson Ave
Lincoln, Nebr.....	9XY	200, 375	University of Nebraska.
Little Rock, Ark.....	5XAB	Variable.....	Dr. L. M. Hunter and G. L. Carrington, 2420 Izard St.
Little Rock, Ark.....	5ZL	200, 375.....	John M. Clayton.
Los Altos, Calif.....	6XAC	430, variable.	Colin B. Kennedy Co.
Los Angeles, Calif.....	6XAK	Variable.....	Leo J. Meyberg Co.
Los Angeles, Calif.....	6XAQ	200-550	Lex B. Benjamin.
Los Angeles, Calif.....	6XB	Variable.....	H. H. Hyder, 1108 W. Second St.
Los Angeles, Calif.....	6XD	275, 350	Western Radio Electric Co.
Los Angeles, Calif.....	6XL	200-360	General Petroleum Research Laboratory.
Los Angeles, Calif.....	6XQ	375, 1600, 2000	Southern California Edison Co.
Los Angeles, Calif.....	6YA	200, 375	Young Men's Christian Association.
Los Angeles, Calif.....	6ZA	200, 375	E. Garratt Arnold, 747 Ottawa St.
Los Angeles, Calif.....	6ZG	200, 375	Forbes W. Van Why, 2012 N. Broadway.
Los Angeles, Calif.....	6ZR	200, 375	Hall Berringer.
Lynn, Mass.....	1XL	Variable.....	General Electric Co.
Madison, Wis.....	9XL	380	North Western Radio Co.
Madison, Wis.....	9XM	Variable.....	University of Wisconsin.
Manhattan, Kans.....	9YV	200, 375	Kansas State Agricultural College.
Marietta, Ohio.....	8YAA	200, 375	Marietta College.
Marion, Mass.....	1ZE	200, 250, 375	Irving Vermilya, 24 Allen St.
Mayville, N. Dak.....	9YF	200, 375	State Normal School.
Mayville, N. Y.....	8ZAD	200, 375	Experimental Radio Association.
Medford Hillside, Mass.....	1XE	Variable.....	American Radio & Research Corp.
Media, Pa.....	3ZM	200, 375	Simon Delbert, jr.
Memphis, Tenn.....	5XL	200, 325	William B. Stieg.
Mesilla Park, N. Mex.....	5ZJ	200, 375	R. W. Goddard.
Middletown, Conn.....	1XN	400	Wesleyan University.
Milwaukee, Wis.....	9YAD	200, 375	School of Engineering of Milwaukee.
Milwaukee, Wis.....	9YZ	200, 375	Marquette University.
Minneapolis, Minn.....	9XI	Variable.....	University of Minnesota (dept. of elec. eng.).
Minneapolis, Minn.....	9YX	200, 375	Wm. Hood Dunwoody Industrial Institute.
Minneapolis, Minn.....	9ZT	150, 200, 375	Minnesota Wireless Association.
Mobile, Ala.....	5XAE	200, 375	Mobile Radio Co.
Monroe, Wis.....	9XA	Variable.....	United Telephone Co.
Montclair, N. J.....	2XS	200, 275, 325, 425.	Adams Morgan Co.
Montgomery, Ala.....	5XR	Variable.....	S. G. F. Rathborne, Beil Telep. & Teleg. Co.
Morgantown, W. Va.....	8YE	200, 375	University of West Virginia (dept. of elec. eng.).
Morgantown, W. Va.....	8YH	200, 375	University of West Virginia (dept. of physics).
Moscow, Idaho.....	7ZM	200, 375	Jack Woodworth, 107 Almon St.
Mt. Clemens, Mich.....	8XAE	Variable.....	Henry B. Joy, Penobscot Bldg., Detroit, Mich.
Muncie, Ind.....	9YR	200, 375	Muncie Technical High School.
Napa, Calif.....	6ZAD	200, 375	J. J. Mahler, jr.
Neenah, Wis.....	9ZL	200, 375	Cornelius and William Quinn, 425 Sherry St.
Newark, N. J.....	2XAI	Variable.....	Westinghouse Electric & Mfg. Co.
Newark, N. J.....	2XAK	Variable.....	I. R. Nelson Co., Bond St.
New Braunfels, Tex.....	5YK	200, 375, variable.	Edgar A. Sahn.
New Brunswick, N. J.....	2XAM	Variable.....	Radio Corp. of America.
New Haven, Conn.....	1XH	Variable.....	Yale University.
New Orleans, La.....	5XH	Variable.....	Tropical Radio Telegraph Co.
New Orleans, La.....	5XM	200, 375	Electron Engineering Co.
New Orleans, La.....	5XQ	Variable.....	Pendleton E. Lehde, 1715 Valence St.
New Orleans, La.....	5YC	200, 375	Nola Radio School.
New Orleans, La.....	5YR	200, 375	Loyola University.
New Orleans, La.....	5YU	200, 375	Tulane University.
New Philadelphia, Ohio.....	8ZA	200, 375	Charles J. Murray.
New Rochelle, N. Y.....	2ZK	200, 375	George C. Cannon.
Newton, Mass.....	1XK	Variable.....	Boston College.
New York, N. Y.....	2XAL	425, 3000	International News Service.
New York, N. Y.....	2XB	Variable.....	Western Electric Co.
New York, N. Y.....	2XC	Variable.....	Ware Radio Co.
New York, N. Y.....	2XG	Variable.....	De Forest Radio Telephone & Telegraph Co.

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

Station.	Call signal.	Wave lengths.	Station controlled by—
New York, N. Y.	2XK	Variable...	Superadio Corp.
New York, N. Y.	2XM	Variable...	Columbia University.
New York, N. Y.	2XN	Variable...	College of the City of New York.
New York, N. Y.	2XNA	350.....	City College Radio Club.
New York, N. Y.	2XNB	325.....	Townsend Harris Hall Radio Club.
New York, N. Y.	2XO	800, 800.....	Walter G. Hudson.
New York, N. Y.	2XY	Variable...	American Telephone & Telegraph Co.
New York, N. Y.	2XZ	800, 375, variable.	Fordham University.
New York, N. Y.	2YM	800, 375, variable.	East Side Y. M. C. A.
New York, N. Y.	2ZG	800, 375.....	National Amateur Wireless Association.
Norfolk, Va.	3XY	Variable...	R. L. Hopkins and H. L. Buskey.
Norman, Okla.	5XW	800, variable.	University of Oklahoma.
Norman, Okla.	5ZG	800, 375.....	Maurice L. Prescott.
Noroton Heights, Conn.	1XAA	Variable...	Percival E. Fansler.
Norristown, Pa.	3ZV	800, 375.....	Samuel W. Place.
Northfield, Minn.	9YAJ	800, 375.....	St. Olaf College.
Northfield, Vt.	1YD	800, 375.....	Norwich University.
Northville, Mich.	*XL	425, 500.....	Henry Ford.
Oakland, Calif.	6XAJ	800, 325, 400, 425.	Preston D. Allen.
Oakland, Calif.	6XAL	Variable...	Alfred H. Cohen.
Oakland, Calif.	6XAM	Variable...	Stafford W. Warner, 2201 Telegraph Ave.
Oakland, Calif.	6XAR	800, 400.....	Groat Western Radio Corp.
Oakland, Calif.	6XW	Variable...	Richard C. Tavers, 2830 11th Ave.
Oakland, Calif.	6ZAE	800, 375.....	Chris F. Eiferle, 1045 83d Ave.
Oakland, Calif.	6ZI	800, 375.....	R. S. Rheem, 478 Orchard St.
Oberlin, Ohio.	8YAE	800, 375.....	Oberlin College.
Ogden, Utah.	6ZAM	800, 375.....	W. G. Garner.
Oklahoma City, Okla.	5XAF	800, 375.....	Roswell B. Downing.
Oklahoma City, Okla.	5XT	800, 375.....	Oklahoma Radio Shop.
Oklahoma City, Okla.	5ZAT	800, 375.....	Lowrin G. Dill, 112 W. 5th St.
Oklahoma City, Okla.	5ZAV	800, 375.....	Le Roy Moffett, jr., 3124 N. Broadway.
Olympia, Wash.	7ZP	800, 375.....	Edwin W. Wilson.
Omaha, Nebr.	9XAA	800, 375.....	Cramer & Swain, 2916 N. 16th St.
Omaha, Nebr.	9YP	800, 375.....	High School of Commerce.
Orange, Tex.	5XAD	Variable...	Gray & Gray.
Orono, Me.	1XAH	800, 475.....	University of Maine.
Ossining, N. Y.	2XX	Variable...	De Forest Radio Telephone & Telegraph Co.
Ottumwa, Iowa.	9XAD	800, 375.....	William W. Harper, 334 E. Fourth St.
Oxford, Ohio.	8YR	800, 375.....	Miami University.
Palo Alto, Calif.	6XV	Variable...	Federal Telegraph Co.
Parkeburg, Pa.	3XW	375, 2500, variable.	Horace A. Beale, jr.
Parkeburg, Pa.	3ZO	800, 375.....	Do.
Pasadena, Calif.	6XI	800, 375, variable.	Samuel G. McMeen, 683 S. Los Robles Ave.
Pawtucket, R. I.	1XAD	Variable...	Standard Radio & Electric Co.
Pembina, N. Dak.	9YAF	800, 375.....	Pembina High School.
Peoria, Ill.	9YAN	800, 375.....	Bradley Polytechnic Institute.
Philadelphia, Pa.	3XA	250, 275.....	Howard R. Miller, 6318 N. Park Ave.
Philadelphia, Pa.	3XAD	800, 340.....	Earl L. Norcross, 3134 N. Park Ave.
Philadelphia, Pa.	3XAG	800, 250.....	Westinghouse Electric & Mfg. Co.
Philadelphia, Pa.	3XB	250, 275.....	Philadelphia Electric Co.
Philadelphia, Pa.	3XC	425.....	Frank B. Chambers.
Philadelphia, Pa.	3XJ	800, 425.....	St. Joseph's College.
Philadelphia, Pa.	3XK	275, 1500.....	Frederick Strattnr, 1638 N. Redfield St.
Philadelphia, Pa.	3XS	800, 2500.....	George W. Carns.
Philadelphia, Pa.	3XV	800, 250, variable.	Thomas Appleby.
Philadelphia, Pa.	3YC	800, 375.....	North East High School.
Philadelphia, Pa.	3YF	800, 375.....	Pennsylvania-Marconi Wireless School.
Philadelphia, Pa.	3YG	800, 375, 2000, 2700.	Philadelphia School of Wireless Telegraphy.
Philadelphia, Pa.	3ZAC	800, 375.....	Edwin M. Hartley.
Philadelphia, Pa.	3ZG	800, 375.....	Allyn Ernest Seuffert, 3936 Locust St.
Philadelphia, Pa.	3ZJ	800, 425.....	Maj. J. H. Clinton.
Philadelphia, Pa.	3ZQ	800, 375.....	Stanley C. Bryce, 1942 N. 13th St.
Phoenix, Ariz.	6ZD	800, 375.....	Robert M. Willmoth & Herschel Rawls.
Piedmont, Calif.	6XAF	Variable...	Pacific Telephone & Telegraph Co.
Pilot Point, Tex.	5ZB	800, 375.....	Clyde S. Mosteller.
Pittsburgh, Pa.	8XK	Variable...	Frank Conrad, 7712 Penn. Ave.
Pittsburgh, Pa.	8XV	Variable...	Frederick S. McCullough, Montier St., Wilkinsburg, Pa.
Pittsburgh, Pa.	8XW	Variable...	Radio Electric Co.
Pittsburgh, Pa.	8XX	800, 375.....	Duquesne University.
Pittsburgh, Pa.	8YI	800, 375.....	University of Pittsburgh.
Pittsburgh, Pa.	8YZ	800, 375.....	Peabody High School (Physics Dept.).
Pittsburgh, Pa.	8ZAE	800, 375.....	Burton P. Williams.
Pittsburgh, Pa.	8ZD	800, 375.....	Parker Elliott Wiggin.
Polytechnic, Mont.	7YI	800, 375.....	Billings Polytechnic Institute.

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

Station.	Call signal.	Wave lengths.	Station controlled by—
Polytechnic, Mont.....*	7ZU	800, 375.....	Glenn E. West.
Ponca City, Okla.....	5ZQ	800, 375.....	William H. England, Jr.
Port Arthur, Tex.....	5XV	800, 250, 375	Port Arthur Radio Laboratory.
Portland, Oreg.....	7XF	800, 375, 450 550.	Northwestern Radio Mfg. Co.
Portland, Oreg.....	7XG	800, 375.....	Willard P. Hawley, Jr., 400 E. 22d St.
Portland, Oreg.....	7XI	800, 375, variable.	Hallock & Watson Radio Service.
Portland, Oreg.....	7YG	800, 375.....	Y. M. C. A.
Portland, Oreg.....	7YII	800, 375.....	Washington High School
Portland, Oreg.....	7YK	800, 375.....	Benson Polytechnic School.
Portland, Oreg.....	7YN	800, 375.....	Franklin High School.
Portland, Oreg.....	7ZB	800, 375.....	William A. Leidigh, Jr.
Portland, Oreg.....	7ZI	800, 375.....	Charles L. Austin.
Portland, Oreg.....	7ZT	800, 375.....	G. B. Critser.
Princeton, N. J.....	3KM	800, 375.....	David Richardson.
Princeton, N. J.....	3KU	Variable.....	Walter V. Roberts.
Providence, R. I.....	1XX	Variable.....	Brown University (Physics Dept.).
Pullman, Wash.....	7ZS	800, 375.....	Hugh E. Allen.
Rapid City, S. Dak.....	9YW	800, 375.....	South Dakota State School of Mines.
Redlands, Calif.....	6ZJ	800, 375.....	Arthur L. Munzig.
Reedley, Calif.....	6ZF	800, 375.....	Wm. W. Lindsay, jr., P. O. Box 643.
Reno, Nev.....	6ZO	800, 375.....	Hadley S. Beedle, 97 Bell St.
Richfield, Utah.....	6ZAJ	800, 375.....	M. S. Andelin.
Richmond, Ind.....	9ZAE	800, 375.....	Palladium Printing Co.
Richmond, Va.....	3ZP	800, 375.....	Ralph R. Chappell, 2112 East Clay St.
Richmond Hill, N. Y.....	2XE	2500, 2900.....	A. H. Grebe & Co.
Richmond Hill, N. Y.....	2ZV	230, 275.....	Do.
Roanoke, Va.....	3ZAB	800, 375.....	Charles L. Zimmerman.
Rochester, N. Y.....	8ZK	800, 375.....	Alexander Miller Lindsay, Jr., 600 Park Ave.
Roselle Park, N. J.....	2XR	325, 375, variable.	Radio Corporation of America.
Roswell, N. Mex.....	5ZA	800, 275.....	Louis Falconi.
Roswell, N. Mex.....	5ZAO	800, 375.....	Roswell Public Service Co.
Salem, Ohio.....	8ZG	800, 375.....	A. J. Manning.
Salt Lake City, Utah.....	6ZA	800, 375.....	Ira Johnston Kaar.
Salt Lake City, Utah.....	6ZM	800, 375.....	The Deseret News.
Salt Lake City, Utah.....	6ZT	800, 375.....	Art Johnson, P. O. Box 772.
Salt Lake City, Utah.....	6ZV	800, 375.....	Julian G. McCollom, 1922 S. 10th E. St.
San Antonio, Tex.....	5XP	800, 375.....	Earl M. Baker, St. Anthony Hotel.
San Antonio, Tex.....	5XY	200-375.....	Alamo Radio Electric Co.
San Antonio, Tex.....	5ZAE	800, 375.....	Leavell D. Wall, 218 Perelda St.
San Antonio, Tex.....	5ZAK	800, 375.....	R. C. Walkeen, Kelly Field, Tex.
San Diego, Calif.....	6ZB	800, 375.....	Dr. Alfred E. Banks.
San Fernando, Calif.....	6ZN	800, 375.....	B. H. Dennis and 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.....	6XAU	Variable.....	Wilson McGuire Co.
San Francisco, Calif.....	6XC	Variable.....	Atlantic-Pacific Radio Supplies Co.
San Francisco, Calif.....	6XG	Variable.....	Leo J. Meyberg Co., 428 Market St.
San Francisco, Calif.....	6XJ	Variable.....	Otis B. Moorhead.
San Francisco, Calif.....	6XO	Variable.....	National Radio Co.
San Francisco, Calif.....	6XP	Variable.....	Moorhead Laboratories (Inc.).
San Francisco, Calif.....	6XX	Variable.....	Radio Corporation of America.
San Francisco, Calif.....	6ZE	200, 375.....	D. B. McGown, 1247 47th Ave.
San Francisco, Calif.....	6ZW	200, 375.....	Harold R. Shaw, 897 California St.
San Gabriel, Calif.....	6XS	Variable.....	R. B. Ashbrook, Rose Road and Mission Drive.
San Jose, Calif. (portable).....	6XE	Variable.....	Charles D. Herrold.
San Jose, Calif.....	6XF	Variable.....	Do.
San Marcos, Tex.....	5YT	200, 375.....	San Marcos High School.
Savannah, Ga.....	4XB	200, 280, 375.	Board of Public Education.
Savannah, Ga.....	4YB	200, 375.....	Knights of Columbus.
Schenectady, N. Y.....	2XA	260, 290, variable.	E. M. Kinney.
Schenectady, N. Y.....	2XAE	Variable.....	Wallace L. Brooks, Gen Elec. Co., Bldg. 5.
Schenectady, N. Y.....	2XI	Variable.....	General Electric Co.
Schenectady, N. Y.....	2XQ	250, 1500, variable.	Union College.
Scranton, Pa.....	8ZAB	200, 375.....	Shotton Radio Manufacturing Co.
Seattle, Wash.....	7XC	200, 250, 375, variable.	Vincent I. Kraft.
Seattle, Wash.....	7XE	Variable.....	Radio Corporation of America.
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, 375.....	Young Mens Christian Association.
Seattle, Wash.....	7YD	200, 375.....	Knights of Columbus.
Seattle, Wash.....	7YE	200, 375.....	Broadway High School.
Seattle, Wash.....	7YM	200, 375.....	Lincoln High School.
Shreveport, La.....	5ZS	210, 425.....	William E. Antony.

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

Station.	Call signal.	Wave lengths.	Station controlled by—
Sioux City, Iowa.....	9ZU	200, 375.....	Sioux City Radio Laboratory.
South Orange, N. J.....	ZZC	200, 375.....	Henry L. Leeb.
South Pasadena, Calif.....	6XAS	Variable.....	Brooke E. Sawyer, 458 S. Spring St., Los Angeles, Calif.
South San Antonio, Tex.....	5XI	200, 375, variable.	Max E. Schneider, Kelley Field.
Spokane, Wash.....	7YL	200, 375.....	North Central High School.
Springfield, Ill.....	9ZS	1700.....	Illinois Watch Co.
Springfield, Mass.....	1XAE	Variable.....	Westinghouse Electric & Mfg. Co.
Springfield, Ohio.....	8XAK	200, 375.....	Wittenberg College.
Springfield, Ohio.....	8ZAA	200, 375.....	J. Warren Wright, 1119 S. Fountain Ave.
Spring Glen, Fla.....	4ZE	200, 375.....	James C. Kellow.
Stanford University, Calif.....	6XH	200, 250, 375.....	Herbert Hoover, jr.
State College, N. Mex.....	5XD	200, 400, 500.....	New Mexico College, Agriculture and Mechanic Arts.
State College, Pa.....	8XE	200, 375.....	Pennsylvania State College.
Staunton, Va.....	3YE	425.....	Staunton Military Academy.
St. David's, Pa.....	3ZS	200, 325, 375.....	Charles H. Stewart.
St. Louis, Mo.....	9XS	Variable.....	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, 375.....	Charles Candler.
St. Paul, Minn.....	9ZAH	200, 375.....	Boy Scouts of America.
Sunnyvale, Calif.....	6XAG	Variable.....	The Radio Shop.
Sunnyvale, Calif.....	6ZK	200, 375.....	Arthur E. Bessey.
Superior, Wis.....	9YAC	200, 375.....	State Normal School.
Swissvale, Pa.....	8ZE	200, 375.....	Clarence T. Hewitt, 7942 Westmoreland Ave.
Tallula Falls, Ga.....	4ZG	200, 375.....	Georgia Railway & Power Co.
Tampa, Fla.....	4XG	Variable.....	Pierce Electric Co.
Tampa, Fla.....	4XJ	285, 325.....	Thompson Electric Co.
Thibodaux, La.....	5YL	200, 375.....	Thibodaux High School.
Toledo, Ohio.....	8XAC	200, 375.....	Wm. B. Duck Co.
Toledo, Ohio.....	8YAB	200, 375.....	Scott High School.
Toledo, Ohio.....	8ZB	200, 375.....	Earl S. Ensign and William P. Van Behren.
Tucson, Ariz.....	6YB	200, 375.....	University of Arizona.
University, Miss.....	5YE	200, 375.....	University of Mississippi.
University, Va.....	3YV	200, 375.....	University of Virginia.
University Place, Nebr.....	9YD	200, 375.....	Nebraska Wesleyan University.
Urbana, Ill.....	9XJ	200, 375, variable.	University of Illinois.
Urbana, Ill.....	9XZ	200, 375.....	Paul G. Busey, 715 Mich. Ave.
Valley Stream, N. Y.....	2ZL	200, 375.....	J. Owen Smith.
Valparaiso, Ind.....	9XD	Variable.....	Dodge's Institute of Telegraphy.
Vancouver, Wash.....	7ZJ	200, 375.....	Royal Mumford.
Vancouver, Wash.....	7ZK	200, 375.....	Vernon J. Bird.
Vermillion, S. Dak.....	9YAM	200, 375.....	University of South Dakota.
Victoria, Tex.....	5YA	200, 375.....	Patti Wilder High School.
Villanova, Pa.....	3YP	200, 375.....	Villanova College.
Waco, Tex.....	5ZAF	200, 375.....	William P. Clarke, 728 N. 13th St.
Waco, Tex.....	5ZF	200, 375.....	Henry Milton Harris, Box 427.
Wailuku, Hawaii.....	6ZAC	200, 375.....	Clifford J. Dow, Maui Telephone Co.
Walnut Grove, Calif.....	6ZX	200, 375.....	J. V. Wise.
Washington, D. C.....	3XAF	700, 1100, 2500.....	Elliott Woods, The Capitol Bldg.
Washington, D. C.....	3XF	200, 375, variable.	Francis Meyer Baer.
Washington, D. C.....	3XH	Variable.....	Lester Stewart Barr.
Washington, D. C.....	3XL	180, 200, 350, 1200.....	Alfred Crossley.
Washington, D. C.....	3XO	200, 375.....	Central High School.
Washington, D. C.....	3XQ	200, 375, variable.	Robert H. Worrall, 1748, Kilbourne Place.
Washington, D. C.....	3XZ	175, 200, 260, 330.....	Radio Construction Co.
Washington, D. C.....	3YA	200, 375.....	Loomis Radio School.
Washington, D. C.....	3YL	200.....	Knights of Columbus Service School.
Washington, D. C.....	3YN	200, 375.....	National Radio Institute.
Washington, D. C.....	3YS	200, 375.....	George Washington University.
Washington, D. C.....	3ZB	200, 375.....	A. B. Brown (Bliss Electrical High School).
Washington, D. C.....	3ZE	200, 375.....	Harold A. Snow, 1656 Newton St.
Washington, D. C.....	3ZW	100, 150, 200, 250.....	Walther A. Parks, 1220 Jackson St., NE.
Washington, D. C.....	3ZY	200, 275, 375.....	Lawrence M. Dunnan.
Washington, Pa.....	8XG	200, 375.....	Washington and Jefferson College.
Waterbury, Conn.....	1XT	360.....	Bristol Co.
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., and Earl W. Weimer 42 Poplar Ave.
Whitford, Pa.....	3ZT	200, 375.....	George Thomas, "South Hill."

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

Station.	Call signal.	Wave lengths.	Station controlled by—
Wichita, Kansas.....	9XAE	200, 375.....	Cosradio Co., 1725 Fairmont Ave.
Wilkes-Barre, Pa.....	8ZS	200, 375.....	John H. Stenger, jr.
Winfield, N. Y.....	2XP	Variable.....	Louis G. Pacent, Meyers Ave. and Queens Blvd.
Winthrop, Mass.....	1XQ	Variable.....	Lloyd C. Greene, 88 Somerset Ave.
Woodmere, N. Y.....	2XH	200, 250.....	Cutting & Washington Radio Corp
Woodside, N. Y. (Long Island).....	2XAC	200-400.....	Ship Owners Radio Service.
Woodside, N. Y. (Long Island).....	2ZD	190, 200, 260, 350.	Do.
Worcester, Mass.....	1XS	Variable.....	Otis C. White, 17 Herman St.
Worcester, Mass.....	1XZ	200, variable.	Clark University.
Worcester, Mass.....	1YK	200, 375.....	Worcester Polytechnic Institute.
Yankton, S. Dak.....	9YAK	200, 375.....	Yankton College.
Yuma, Ariz.....	6ZAK	200, 375.....	Chas. E. Blalack.
Yuma, Ariz.....	6ZL	200, 375.....	Alexander N. Marquis.

SPECIAL LAND STATIONS GROUPED BY DISTRICTS.

Call signal.	District and station.	Call signal.	District and station.
	First district:		Third district:
1XA	Brookline, Mass.	2XA	Philadelphia, Pa.
1XAA	Noroton Heights, Conn.	2XAA	Baltimore, Md.
1XAB	Cambridge, Mass.	2XAB	Charlottesville, Va.
1XAD	Pawtucket, R. I.	2XAD	Philadelphia, Pa.
1XAE	Springfield, Mass.	2XAE	Bridgeport, Pa.
1XAF	Boston, Mass.	2XAF	Washington, D. C.
1XAG	Boston, Mass. (portable)	2XAG	Philadelphia, Pa.
1XAH	Orono, Me.	2XAF	Philadelphia, Pa.
1XB	Greenwich, Conn.	2XAG	Philadelphia, Pa.
1XC	Ellsworth, Me.	2XBB	Clinton, Md.
1XD	Green Harbor, Mass.	2XCC	Washington, D. C.
1XE	Medford Hillside, Mass.	2XCD	Baltimore, Md.
1XG	Bangor, Me.	2XCE	Washington, D. C.
1XH	New Haven, Conn.	2XCF	Philadelphia, Pa.
1XI	Gloucester, Mass.	2XCG	Philadelphia, Pa.
1XJ	Cambridge, Mass.	2XCH	Washington, D. C.
1XK	Newton, Mass.	2XCI	Philadelphia, Pa.
1XL	Lynn, Mass.	2XCJ	Washington, D. C.
1XM	Cambridge, Mass.	2XCK	Princeton, N. J.
1XN	Middletown, Conn.	2XCL	Blacksburg, Va.
1XO	Cambridge, Mass.	2XCM	Washington, D. C.
1XP	Athol, Mass.	2XCN	Delanco, N. J.
1XQ	Winthrop, Mass.	2XCO	Washington, D. C.
1XS	Worcester, Mass.	2XCQ	Hyattsville, Md.
1XT	Waterbury, Conn.	2XCR	Philadelphia, Pa.
1XX	Providence, R. I.	2XCS	Baltimore, Md.
1XZ	Worcester, Mass.	2XCT	Princeton, N. J.
1YB	Hanover, N. H.	2XCW	Philadelphia, Pa.
1YC	Boston, Mass.	2XCX	Parkesburg, Pa.
1YD	Northfield, Vt.	2XCX	Baltimore, Md.
1YK	Worcester, Mass.	2XCX	Norfolk, Va.
1YS	Boston, Mass.	2XCX	Washington, D. C.
1ZE	Marion, Mass.	2XCX	Washington, D. C.
	Second district:	2XCX	Philadelphia, Pa.
2XA	Schenectady, N. Y.	2XCX	Staunton, Va.
2XAC	Woodside, N. Y.	2XCX	Philadelphia, Pa.
2XAE	Schenectady, N. Y.	2XCX	Philadelphia, Pa.
2XAI	Newark, N. J.	2XCX	Baltimore, Md.
2XAK	Newark, N. J.	2XCX	Lexington, Va.
2XAL	New York, N. Y.	2XCX	Washington, D. C.
2XAM	New Brunswick, N. J.	2XCX	Washington, D. C.
2XAN	Great Neck, N. Y.	2XCX	Easton, Pa.
2XAJ	Hoboken, N. J. (car No. 782).	2XCX	Villanova, Pa.
2XAO	Belmar, N. J.	2XCX	Camden, N. J.
2XB	New York, N. Y.	2XCX	Baltimore, Md.
2XC	New York, N. Y.	2XCX	Washington, D. C.
2XD	Hoboken, N. J.	2XCX	University, Va.
2XE	Richmond Hill, N. Y.	2XCX	Bala, Pa.
2XF	Cliffwood, N. J.	2XCX	Buena Vista, Va.
2XG	New York, N. Y.	2XCX	Roanoke, Va.
2XH	Woodmere, N. Y.	2XCX	Philadelphia, Pa.
2XI	Schenectady, N. Y.	2XCX	Washington, D. C.
2XJ	Deal Beach, N. J.	2XCX	Washington, D. C.
2XK	New York, N. Y.	2XCX	Friendship Heights, Md.
2XM	New York, N. Y.	2XCX	Philadelphia, Pa.
2XN	New York, N. Y.	2XCX	Hagerstown, Md.
2XNA	New York, N. Y.	2XCX	Philadelphia, Pa.
2XNB	New York, N. Y.	2XCX	Media, Pa.
2XO	New York, N. Y.	2XCX	Baltimore, Md.
2XP	Winfield, N. Y.	2XCX	Parkesburg, Pa.
2XQ	Schenectady, N. Y.	2XCX	Richmond, Va.
2XR	Roselle Park, N. J.	2XCX	Philadelphia, Pa.
2XS	Montclair, N. J.	2XCX	St. Davids, Pa.
2XT	Brooklyn, N. Y.	2XCX	Whitford, Pa.
2XX	Ossining, N. Y.	2XCX	Baltimore, Md.
2XY	New York, N. Y.	2XCX	Norristown, Pa.
2XZ	New York, N. Y.	2XCX	Washington, D. C.
2YM	New York, N. Y.	2XCX	Lexington, Va.
2ZC	South Orange, N. J.	2XCX	Washington, D. C.
2ZD	Woodside, N. Y. (Long Island).	2XCX	Craddock, Va.
2ZE	Cedar Grove, N. J.	4XA	Atlanta, Ga.
2ZG	New York, N. Y.	4XB	Savannah, Ga.
2ZK	New Rochelle, N. Y.	4XC	Atlanta, Ga.
2ZL	Valley Stream, N. Y.	4XD	Charlotte, N. C.
2ZV	Richmond Hill, N. Y.	4XE	Buena Vista, Ga.
		4XF	Atlanta, Ga.

SPECIAL LAND STATIONS GROUPED BY DISTRICTS—Continued.

Call signal.	District and station.	Call signal.	District and station.
	Fourth district—Continued.		Fifth district—Continued.
4XG	Tampa, Fla.	5ZA Y	Dallas, Tex.
4XH	Atlanta, Ga.	5ZAZ	Fayetteville, Ark.
4XI	Atlanta, Ga.	5ZB	Pilot Point, Tex.
4XJ	Tampa, Fla.	5ZC	Dallas, Tex.
4YA	Atlanta, Ga.	5ZD	Alexandria, La.
4YB	Savannah, Ga.	5ZE	Houston, Tex.
4YJ	Atlanta, Ga.	5ZF	Waco, Tex.
4ZB	Atlanta, Ga.	5ZG	Norman, Okla.
4ZD	Asheville, N. C.	5ZH	Amarillo, Tex.
4ZE	Spring Glen, Fla.	5ZI	Birmingham, Ala.
4ZF	Decatur, Ga.	5ZJ	Mesilla Park, N. Mex.
4ZG	Tallulah Falls, Ga.	5ZK	Franklinton, La.
	Fifth district:	5ZL	Little Rock, Ark.
5XA	Auburn, Ala.	5ZM	Enid, Okla.
5XAA	Houston, Tex.	5ZN	Eagle Pass, Tex.
5XAB	Little Rock, Ark.	5ZO	Houston, Tex.
5XAC	Conway, Ark.	5ZP	College Station, Tex.
5XAD	Orange, Tex.	5ZQ	Ponca City, Okla.
5XAE	Mobile, Ala.	5ZS	Shreveport, La.
5XAF	Oklahoma City, Okla.	5ZT	Houston, Tex.
5XB	College Station, Tex.	5ZU	Austin, Tex.
5XC	Birmingham, Ala.	5ZV	Houston, Tex.
5XD	State College, N. Mex.	5ZW	Juliff, Tex.
5XE	Burrwood, La.	5ZX	Houston, Tex.
5XF	Brownwood, Tex.	5ZZ	Blackwell, Okla.
5XH	New Orleans, La.		Sixth district:
5XI	South San Antonio, Tex.	6XA	Alameda, Calif.
5XJ	Dublin, Tex.	6XAA	San Francisco, Calif.
5XK	Knoxville, Tenn.	6XAB	San Francisco, Calif.
5XL	Memphis, Tenn.	6XAC	Los Altos, Calif.
5XM	New Orleans, La.	6XAD	Avalon, Calif.
5XN	Houston, Tex.	6XAE	San Francisco, Calif.
5XO	Houston, Tex.	6XAF	Piedmont, Calif.
5XP	San Antonio, Tex.	6XAG	Sunnyvale, Calif.
5XQ	New Orleans, La.	6XAJ	Oakland, Calif.
5XR	Montgomery, Ala.	6XAK	Los Angeles, Calif.
5XS	Houston, Tex.	6XAL	Oakland, Calif.
5XT	Oklahoma City, Okla.	6XAM	Oakland, Calif.
5XU	Austin, Tex.	6XAP	Honolulu, Hawaii.
5XV	Fort Arthur, Tex.	6XAQ	Los Angeles, Calif.
5XW	Norman, Okla.	6XAR	Oakland, Calif.
5XX	Austin, Tex.	6XAS	South Pasadena, Calif.
5XY	San Antonio, Tex.	6XAU	San Francisco, Calif.
5XZ	Grand Coteau, La.	6XB	Los Angeles, Calif.
5YA	Victoria, Tex.	6XC	San Francisco, Calif.
5YC	New Orleans, La.	6XD	Los Angeles, Calif.
5YD	Agricultural College, Miss.	6XE	San Jose, Calif. (portable).
5YE	University, Miss.	6XF	San Jose, Calif.
5YG	Houston, Tex.	6XG	San Francisco, Calif.
5YK	New Braunfels, Tex.	6XH	Stanford University, Calif.
5YL	Thibodaux, La.	6XI	Pasadena, Calif.
5YM	Fayetteville, Ark.	6XJ	San Francisco, Calif.
5YN	Abilene, Tex.	6XK	Berkeley, Calif.
5YQ	Albuquerque, N. Mex.	6XL	Los Angeles, Calif.
5YR	New Orleans, La.	6XM	Berkeley, Calif.
5YS	Fort Worth, Tex.	6XO	San Francisco, Calif.
5YT	San Marcos, Tex.	6XP	San Francisco, Calif.
5YU	New Orleans, La.	6XQ	Los Angeles, Calif.
5ZA	Roswell, N. Mex.	6XS	San Gabriel, Calif.
5ZAA	Houston, Tex.	6XU	Fresno, Calif.
5ZAB	Houma, La.	6XV	Palo Alto, Calif.
5ZAC	Baton Rouge, La.	6XW	Oakland, Calif.
5ZAD	El Paso, Tex.	6XX	San Francisco, Calif.
5ZAE	San Antonio, Tex.	6YA	Los Angeles, Calif.
5ZAF	Waco, Tex.	6YB	Tucson, Ariz.
5ZAG	Austin, Tex.	6ZA	Salt Lake City, Utah.
5ZAH	Biloxi, Miss.	6ZAA	Los Angeles, Calif.
5ZAJ	Kountze, Tex.	6ZAC	Waikuku, Hawaii.
5ZAK	San Antonio, Tex.	6ZAD	Napa, Calif.
5ZAM	Commerce, Tex.	6ZAE	Oakland, Calif.
5ZAN	Laredo, Tex.	6ZAF	Berkeley, Calif.
5ZAO	Roswell, N. Mex.	6ZAJ	Richfield, Utah.
5ZAQ	Dallas, Tex.	6ZAK	Yuma, Ariz.
5ZAR	El Paso, Tex.	6ZAL	Eagle Rock, Calif.
5ZAS	Birmingham, Ala.	6ZAM	Ogden Utah.
5ZAT	Oklahoma City, Okla.	6ZB	San Diego, Calif.
5ZAU	Bay St. Louis, Miss.	6ZC	Cochise, Ariz.
5ZAV	Oklahoma City, Okla.	6ZD	Phoenix, Ariz.
5ZAW	Dallas, Tex.	6ZE	San Francisco, Calif.
5ZAX	Abilene, Tex.	6ZF	Reedley, Calif.

SPECIAL LAND STATIONS GROUPED BY DISTRICTS—Continued.

Call signal.	District and station.	Call signal.	District and station.
	Sixth district—Continued:		Eighth district—Continued:
6ZG	Los Angeles, Calif.	8YA	Auburn, N. Y.
6ZI	Oakland, Calif.	8YAA	Marietta, Ohio.
6ZJ	Redlands, Calif.	8YAB	Toledo, Ohio.
6ZK	Sunnyvale, Calif.	8YAC	Cincinnati, Ohio.
6ZL	Yuma, Ariz.	8YAD	Cincinnati, Ohio.
6ZM	Salt Lake City, Utah.	8YAE	Oberlin, Ohio.
6ZN	San Fernando, Calif.	8YAF	Detroit, Mich.
6ZO	Reno, Nev.	8YD	East Cleveland, Ohio.
6ZQ	Berkeley, Calif.	8YE	Morgantown, W. Va.
6ZR	Los Angeles, Calif.	8YG	East Lansing, Mich.
6ZS	Bakersfield, Calif.	8YH	Morgantown, W. Va.
6ZT	Salt Lake City, Utah.	8YI	Pittsburgh, Pa.
6ZU	Fresno, Calif.	8YK	Delaware, Ohio.
6ZV	Salt Lake City, Utah.	8YM	Granville, Ohio.
6ZW	San Francisco, Calif.	8YN	Battle Creek, Mich.
6ZX	Walnut Grove, Calif.	8YO	Columbus, Ohio.
6ZZ	Douglas, Ariz.	8YR	Oxford, Ohio.
	Seventh district:	8YS	Cincinnati, Ohio.
7XB	Bozeman, Mont.	8YT	Alliance, Ohio.
7XC	Seattle, Wash.	8YU	Dayton, Ohio.
7XE	Seattle, Wash.	8YV	Grove City, Pa.
7XF	Portland, Oreg.	8YX	Cincinnati, Ohio.
7XG	Portland, Oreg.	8YZ	Pittsburgh, Pa.
7XH	Corvallis, Oreg.	8ZA	New Philadelphia, Ohio.
7XI	Portland, Oreg.	8ZAA	Springfield, Ohio.
7XJ	Seattle, Wash.	8ZAB	Scranton, Pa.
7XK	Seattle, Wash.	8ZAC	Barnesville, Ohio.
7XZ	Seattle, Wash.	8ZAD	Mayville, N. Y.
7YA	Boise, Idaho.	8ZAE	Pittsburgh, Pa.
7YB	Eugene, Oreg.	8ZAF	Columbus, Ohio.
7YC	Seattle, Wash.	8ZAG	Grand Rapids, Mich.
7YD	Seattle, Wash.	8ZB	Toledo, Ohio.
7YE	Seattle, Wash.	8ZD	Pittsburgh, Pa.
7YG	Portland, Oreg.	8ZE	Swissvale, Pa.
7YH	Portland, Oreg.	8ZG	Salem, Ohio.
7YI	Polytechnic, Mont.	8ZH	Cincinnati, Ohio.
7YK	Portland, Oreg.	8ZJ	East Palestine, Ohio.
7YL	Spokane, Wash.	8ZK	Rochester, N. Y.
7YM	Seattle, Wash.	8ZL	St. Marys, Ohio.
7YN	Portland, Oreg.	8ZM	Buffalo, N. Y.
7YS	Lacey, Wash.	8ZN	Ashland, Ohio.
7ZB	Portland, Oreg.	8ZO	Columbus, Ohio.
7ZD	Bozeman, Mont.	8ZP	Cleveland, Ohio.
7ZE	Elk, Wyo.	8ZQ	Dunmore, Pa.
7ZG	Bear Creek, Mont.	8ZS	Wilkes-Barre, Pa.
7ZH	Enterprise, Oreg.	8ZV	Canton, Ohio.
7ZI	Portland, Oreg.	8ZW	Wheeling, W. Va.
7ZJ	Vancouver, Wash.	8ZX	Dover, Ohio.
7ZK	Vancouver, Wash.	8ZY	Defiance, Ohio.
7ZM	Moscow, Idaho.	8ZZ	Highland Park, Mich.
7ZO	Casper, Wyo.		Ninth district:
7ZP	Olympia, Wash.	9XA	Monroe, Wis.
7ZS	Pullman, Wash.	9XAA	Omaha, Nebr.
7ZT	Portland, Oreg.	9XAB	Kansas City, Mo.
7ZU	Polytechnic, Mont.	9XAC	Davenport, Iowa.
7ZV	Douglas, Wyo.	9XAD	Ottumwa, Iowa.
	Eighth district:	9XAE	Wichita, Kans.
8XA	Ann Arbor, Mich.	9XAG	Denver, Colo.
8XAC	Toledo, Ohio.	9XAH	Evansville, Ind.
8XAD	Buffalo, N. Y.	9XAI	Golden, Colo.
8XAE	Mt. Clemens, Mich.	9XAM	Chicago, Ill.
8XAF	Highland Park, Mich.	9XAQ	Boulder, Colo.
8XAG	Hamilton, Ohio.	9XB	Chicago, Ill. (portable).
8XAH	Cincinnati, Ohio.	9XC	Colorado Springs, Colo.
8XAJ	Cincinnati, Ohio.	9XD	Valparaiso, Ind.
8XAK	Springfield, Ohio.	9XE	Davenport, Iowa.
8XB	Cincinnati, Ohio.	9XG	Chicago, Ill.
8XD	Dearborn, Mich.	9XH	Fort Wayne, Ind.
8XE	State College, Pa.	9XI	Minneapolis, Minn.
8XG	Washington, Pa.	9XJ	Urbana, Ill.
8XJ	Columbus, Ohio.	9XK	Kansas City, Mo.
8XK	Pittsburgh, Pa.	9XL	Madison, Wis.
8XL	Northville, Mich.	9XM	Madison, Wis.
8XN	Lewisburg, Pa.	9XS	St. Louis, Mo.
8XO	Detroit, Mich.	9XT	Collegeville, Minn.
8XT	Cleveland, Ohio.	9XX	Belleville, Ill.
8XU	Ithaca, N. Y.	9XZ	Urbana, Ill.
8XV	Pittsburgh, Pa.	9YA	Iowa City, Iowa.
8XW	Pittsburgh, Pa.	9YAA	Emporia, Kans.
8XX	Pittsburgh, Pa.	9YAB	St. Louis, Mo.

SPECIAL LAND STATIONS GROUPED BY DISTRICTS—Continued.

Call signal.	District and station.	Call signal.	District and station.
	Ninth district—Continued:		Ninth district—Continued:
9YAC	Superior, Wis.	9YT	Wayne, Nebr.
9YAD	Milwaukee, Wis.	9YU	Crete, Nebr.
9YAE	Le Mars, Iowa.	9YV	Manhattan, Kans.
9YAF	Pembina, N. Dak.	9YW	Rapid City, S. Dak.
9YAG	Bloomington, Ind.	9YX	Minneapolis, Minn.
9YAH	Gunnison, Colo.	9YY	Lincoln, Nebr.
9YAI	Lexington, Ky.	9YZ	Milwaukee, Wis.
9YAJ	Northfield, Minn.	9ZA	Dubuque, Iowa.
9YAK	Yankton, S. Dak.	9ZAA	Clarinda, Iowa.
9YAL	Denver, Colo.	9ZAB	Kearney, Nebr.
9YAM	Vermillion, S. Dak.	9ZAC	Anthony, Kans.
9YAN	Peoria, Ill.	9ZAD	Independence, Mo.
9YAO	Des Moines, Iowa.	9ZAE	Richmond, Ind.
9YAP	Davenport, Iowa.	9ZAF	Denver, Colo.
9YB	West Lafayette, Ind.	9ZAG	East St. Louis, Ill.
9YC	Lexington, Ky.	9ZAH	St. Paul, Minn.
9YD	University Place, Nebr.	9ZB	St. Louis, Mo.
9YE	Chicago, Ill.	9ZC	Baudette, Minn.
9YF	Mayville, N. Dak.	9ZD	Denver, Colo.
9YG	Agricultural College, N. Dak.	9ZE	Fort Riley, Kans.
9YH	Evanston, Ill.	9ZG	Byron, Ill.
9YI	Ames, Iowa.	9ZH	Independence, Mo.
9YJ	Greencastle, Ind.	9ZJ	Indianapolis, Ind.
9YK	St. Louis, Mo.	9ZL	Neeah, Wis.
9YL	Chicago, Ill.	9ZN	Chicago, Ill.
9YM	Columbia, Mo.	9ZB	Springfield, Ill.
9YO	Lamoni, Iowa.	9ZT	Minneapolis, Minn.
9YP	Omaha, Nebr.	9ZU	St. Louis, Iowa.
9YQ	Culver, Ind.	9ZV	St. Louis, Mo.
9YR	Munice, Ind.	9ZX	Ellendale, N. Dak.
9YS	Bloomington, Ill.	9ZY	La Crosse, Wis.

RADIO COMPASS STATIONS INSTRUCTIONS.

The Naval Communications Service will furnish radio bearings to mariners of all vessels equipped with radio telegraph transmitters. While the use of these bearings should not lead a mariner to neglect other precautions, such as the use of the lead, etc., during a fog, these bearings will greatly reduce the dangers to navigation for mariners who are compelled for any reason to proceed during foggy or misty weather. These radio compass stations are provided, primarily, to assist the mariner in closing the land during fog or poor visibility, but they may also be used to obtain the positions of vessels at sea in radio compass range, about 150 miles, when for any reason positions can not be obtained by other means.

The maximum distance for which bearings from these stations are accurate is 150 miles. But accurate positions can not be plotted when more than 50 miles from the shore on Mercator charts, for the Mercator projection introduces a distortion of the true bearing. Charts based on Gnomonic projection are essential to plot correctly long-distance radio bearings. Such charts are now under construction by the Hydrographic Office, and until they are available mariners may use the Mercator chart for long-distance bearings, applying necessary corrections, which may be obtained by various methods, one of which is fully explained on the backs of H. O. Pilot Charts of the North Atlantic Ocean for February, 1921; North Pacific Ocean for May, 1921; Indian Ocean for June, 1921; and Central American waters for March, 1921.

Radio compass stations are divided into two classes:

(a) Single stations, operating independently and furnishing a single bearing. These stations are located with the view of giving service to ships at a distance of not over 150 miles from the station.

(b) Harbor entrance groups. All stations in harbor entrance groups are connected to and controlled by the master station. All stations of the group take bearings simultaneously, and these bearings are transmitted to the ship requesting them by the control station. The purpose of these stations is to lead mariners to the light vessels off harbor entrances.

Where only one radio compass station is available, the mariner may fix his position by two or more bearings from the station with the distance run between or may use the bearing as a line of position or as a danger bearing. Or the bearing may be crossed with a line of position obtained from an observation of an astronomical body to establish a fix.

Wave lengths.—All independent and group radio compass stations keep watch on 800 meters. Only this wave should be used to call and work with these stations.

Calling a radio compass station.—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 the conventional signal given hereafter. Simultaneous bearings from two or more compass stations can be obtained by making the call include the other compass stations desired. To obtain bearings from the harbor entrance, compass stations carry out the procedure previously given. The compass control station only will answer.

Conventional signals.—The following abbreviated signals will be used:

Signal.	Meaning.
QTE	What is my true bearing?
QTE	Your true bearing is — degrees from — radio compass station.

(a) *Procedure in detail.*—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 it will send the signal "K," indicating to the ship to commence "testing"; i. e., repeating its distinguishing signal for a period of 50 seconds. The signal should be made slowly with the dashes considerably prolonged.

(b) The testing should be made on 800 meters, upon the completion of which the ship should await reply from the radio compass station.

(c) The radio compass station or control station will then reply, repeating the abbreviation "QTE," ("Your bearing from _____ was _____ degrees"), followed by the bearing in degrees given by a group of three figures 000 to 359, indicating the true bearing in degrees of the ship station from the radio compass station, and then the time group giving the time of observations in local standard time. In the case of more than one radio compass connected by land line only the station originally called will answer. This station will combine all the bearings taken by itself and associated station into one message, which gives each bearing observed immediately after the name of the station making the observation.

All radio compass stations transmit on 800 meters.

Example.—A ship (call letters KVA) desires to get bearings from the Delaware Bay entrance group (call letters NSD). The following procedure is used:

```

- . . . . NSD NSD NSD - . . . . KVA KVA KVA - . . . . QTE
  . . . . AR
- . . . . KVA - . . . . NSD K
- . . . . NSD - . . . . KVA - . . . . QTE - . . . . KVA KVA KVA
  _____ (making call letters KVA for 50 seconds prolonging the dashes)
  . . . . KVA AR
- . . . . KVA - . . . . NSD - . . . . QTE
Cape May 120, Cape Henlopen 110, Bethany Beach 085 at 0126 - . . . .
  NSD AR
- . . . . NSD - . . . . KVA - . . . . 120 110 085 at 0126 - . . . . AR
- . . . . KVA - . . . . NSD R - . . . . NSD

```

This method is the only authorized procedure for calling, answering, and testing and should be followed exactly. Such signals as MO — V — and other test signals are not authorized for radio compass traffic. The testing period of 50 seconds should not be exceeded. Mariners who do not follow the prescribed procedure exactly occasion delay to themselves in obtaining bearing and to other mariners who may be waiting for an opportunity to use the radio compass stations.

Danger from reciprocal bearings.—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 the 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 by approximately 180 degrees, and whichever bearing is suitable should be used.

Caution.—Mariners receiving bearings which are evidently the approximate reciprocal of the correct bearing should never attempt to correct these bearings by applying a correction of 180 degrees, as such correction would not include the correction necessary on account of deviation at the compass station. An error as large as 30 degrees may be introduced by mariners applying an arbitrary correction of 180 degrees to such bearings. Vessels receiving bearings manifestly requiring an approximate 180-degree correction should request the other bearing from the radio compass station if not previously furnished.

Bearings, except in the case of approximate reciprocal bearings, should be accurate within 2 degrees of arc provided the transmitting equipment on board vessels is tuned sharply to 800 meters. Operators should use sufficiently wide coupling to obtain low decrement. If radio transmitters are not tuned sharply, it is difficult to obtain bearings that are sufficiently accurate for navigational purposes. When bearings from three or more compass stations are not over 2 degrees of arc in error, but do not meet at a fixed point, the geometric center of the triangle formed by the bearings can generally be taken as the approximate position of the vessel.

Mariners until thoroughly familiar with the system are advised to use radio compass stations frequently, especially in clear weather, when positions of vessels can be accurately fixed in order to accustom operators to the procedure and to acquaint themselves with the degree of accuracy and dependability of bearings furnished by the radio compass stations.

Reports.—In order that the operation of shore radio compass stations may be checked, mariners obtaining bearings are requested to forward a brief report to the Director Naval Communications, Navy Department, Washington, D. C., containing the following particulars:

1. Name of ship.
2. Name of radio compass station.
3. Date and local standard time at which radio bearing was taken.
4. Bearing given by radio compass station.
5. Estimated position of ship at above time and dates by methods other than radio.
6. The probable degree of accuracy of the estimated position.
7. Weather conditions at above time.
8. Remarks, if any.
9. Signature of master or responsible navigating officer.

There is no charge for bearings furnished by the United States naval radio compass stations.

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

[Wave length of 660 meters for all compass stations.]

ATLANTIC COAST.

Station.	Call.	Position.
Amagansett, Long Island, N. Y.	NBM	Lat. 40-58-10 N., long. 72-07-27 W.
Anacostia, D. C.	NSF	Lat. 38-51-26 N., long. 77-00-56 W.
Bar Harbor (Otter Cliffs), Me.	NBD	Lat. 44-18-38 N., long. 68-11-27 W.
Bethany Beach, Del.	NSD	Lat. 38-32-45 N., long. 75-03-22 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. 75-34-42 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. 74-54-25 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. 73-12-22 W.
Folly Island, S. C.	NZV	Lat. 32-41-00 N., long. 79-53-14 W.
Fourth Cliff, Mass.	NAD	Lat. 42-09-40 N., long. 70-42-22 W.
Gloucester, Mass.	NAD	Lat. 42-35-19 N., long. 70-41-08 W.
Grand Island, La.	NLI	Lat. 29-13-52 N., long. 89-39-46 W.
Hog Island, Va.	NCZ	Lat. 37-22-36 N., long. 75-42-37 W.
Jupiter, Fla.	NAQ	Lat. 26-56-59 N., long. 80-04-57 W.
Key West, Fla.	NAR	Lat. 24-33-08 N., long. 81-45-18 W.
Lakehurst, N. J.	NEL	Lat. 40-02-15 N., long. 74-20-13 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.
North Truro, Mass.	NAE	Lat. 42-02-23 N., long. 70-03-37 W.
Pensacola, Fla.	NAS	Lat. 30-20-46 N., long. 87-16-54 W.
Poyners Hill, N. C.	NCZ	Lat. 36-17-16 N., long. 75-47-48 W.
Prices Neck, R. I.	NAF	Lat. 41-27-06 N., long. 71-29-15 W.
Sandy Hook, N. J.	NAH	Lat. 40-27-54 N., long. 73-59-50 W.
Surfside (Nantucket), Mass.	NBS	Lat. 41-14-42 N., long. 70-05-56 W.
Tybee Island, Ga.	NEV	Lat. 32-00-58 N., long. 80-50-27 W.
Virginia Beach, Va.	NCZ	Lat. 36-51-10 N., long. 75-58-33 W.

PACIFIC COAST.

Bird Island, Calif.	NLD	Lat. 37-49-27 N., long. 122-32-12 W.
Cape Hinchinbrook, Alaska.	NRM	Lat. 60-14-00 N., long. 146-38-54 W.
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.
Farallon Islands, Calif.	NPI	Lat. 37-41-58 N., long. 122-50-56 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	Lat. 46-27-53 N., long. 124-03-16 W.
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 Hueneme, Calif.	NMD	Lat. 34-08-43 N., long. 119-12-30 W.
Point Loma, Calif.	NPL	Lat. 32-42-21 N., long. 117-15-17 W.
Point Montara, Calif.	NLH	Lat. 37-32-02 N., long. 122-31-07 W.
Point Reyes, Calif.	NLG	Lat. 38-02-13 N., long. 122-59-36 W.
Port Angeles, Wash.	NFT	Lat. 48-08-30 N., long. 123-24-19 W.
Smith Island, Wash.	NFH	Lat. 48-19-05 N., long. 122-50-39 W.
Soapstone Point, Alaska.	NUW	Lat. 58-06-13 N., long. 136-29-51 W.
Tatoosh, Wash.	NPD	Lat. 48-23-41 N., long. 124-44-13 W.

GREAT LAKES.

Detour Point, Mich.	NZU	Lat. 45-57-20 N., long. 83-54-57 W.
Grand Marais, Mich.	NZT	Lat. 46-40-37 N., long. 85-58-26 W.
Whitefish Point, Mich.	NZT	Lat. 84-57-22 N., long. 46-46-15 W.

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

ATLANTIC COAST.

Call.	Station.	Call.	Station.
NAB	Cape Elizabeth (Portland), Me.	NBS	Surfside (Nantucket), Mass.
NAD	Deer Island, Mass.	NCZ	Hog Island, Va.
NAD	Fourth Cliff, Mass.	NCZ	Poyners Hill, N. C.
NAD	Gloucester, Mass.	NCZ	Virginia Beach, Va.
NAE	North Truro, Mass.	NDW	Cape Hatteras, N. C.
NAF	Prices Neck, R. I.	NEL	Lakehurst, N. J.
NAH	Mantoloking, N. J.	NEV	Tybee Island, Ga.
NAH	Sandy Hook, N. J.	NLI	Grand Island, La.
NAH	Fire Island, N. Y.	NBD	Cape May, N. J.
NAN	Cape Lookout, N. C.	NBD	Cape Henlopen, Del.
NAQ	Jupiter, Fla.	NBD	Bethany Beach, Del.
NAR	Key West, Fla.	NSF	Anacostia, D. C.
NAS	Pensacola, Fla.	NXA	Chatham, Mass.
NBD	Bar Harbor (Otter Cliffs), Me.	NZV	Folly Island, S. C.
NBM	Amagansett, Long Island, N. Y.	NZW	North Island, S. C.

PACIFIC COAST.

NFH	Smith Island, Wash.	NPE	Fort Stevens, Oreg.
NFN	Cattle Point, Wash.	NPF	Empire, Oreg.
NFT	Port Angeles, Wash.	NPI	Farallon Islands, Calif.
NFT	New Dungeness, Wash.	NPK	Point Arguella, Calif.
NLD	Bird Island, Calif.	NPL	Imperial Beach, Calif.
NLG	Point Reyes, Calif.	NPL	Point Loma, Calif.
NLH	Point Montara, Calif.	NPW	Eureka, Calif.
NMD	Point Hueneme, Calif.	NPX	Point Fermin, Calif.
NPD	Tatoosh, Wash.	NBM	Cape Hinchinbrook, Alaska.
NPE	Ocean Park, Wash.	NUW	Scapstone Point, Alaska.

GREAT LAKES.

NZU	Detour Point, Mich.	NZT	Whitefish Point, Mich.
NZT	Grand Marais, Mich.		

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).....	— . — .
T —	Warning—high power.....	— — — . — —
U . . —	Question (please repeat after .....)—interrupting long messages.....	. . . —
V . . . —	Wait.....	. —
W — . — —	Break (Bk.) (double dash).....	— —
X — . . . —	Understand.....	. . . — .
Y — — . — —	Error.....	. . . . . . . .
Z — — . . .	Received (O. K.).....	. . . .
Ä (German)	Position report (to precede all position messages).....	—
Å or Ä (Spanish-Scandinavian)	End of each message (cross).....	. — . — . —
CH (German-Spanish)	Transmission finished (end of work) (conclusion of correspondence).....	. . . — . —
É (French)		
Ñ (Spanish)		
Ö (German)		
Û (German)		
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LIST OF ABBREVIATIONS TO BE USED IN RADIO COMMUNICATIONS.¹

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.
QBK	How do you receive me?	I am receiving well.
QRL	Are you receiving badly? Shall I send 20. <div style="text-align: center;">.</div> for adjustment?	I am receiving badly. Please send 20. <div style="text-align: center;">.</div> 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.
QSI	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.

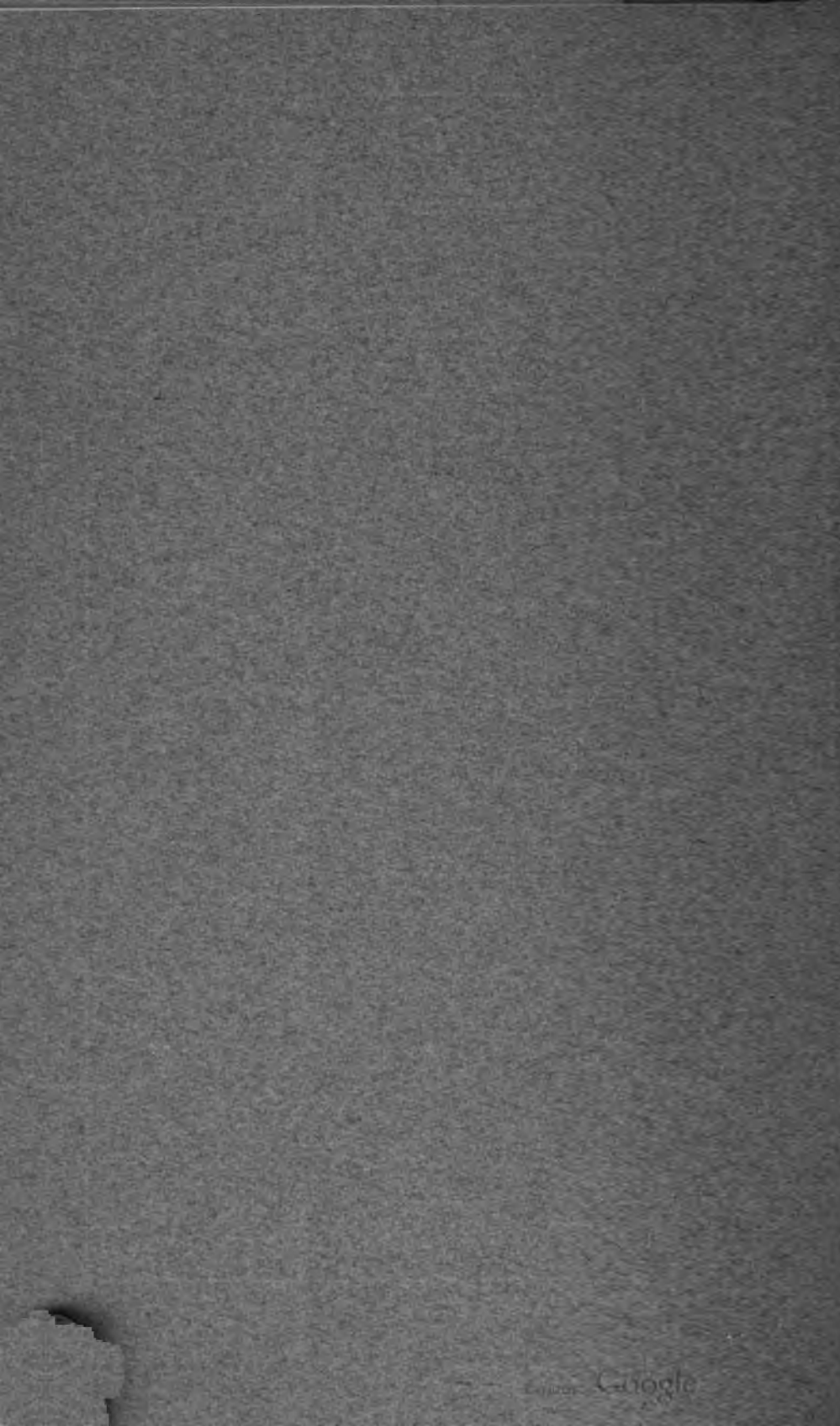
¹ When an abbreviation is followed by a mark of interrogation, it refers to the question indicated for that abbreviation.

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.
QBN	Are you in communication with land?	I am not in communication with land.
QBO	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 ¹	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.

¹ Public correspondences is any radio work, official or private, handled on commercial wave lengths.

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DEPARTMENT OF COMMERCE
BUREAU OF NAVIGATION
RADIO SERVICE

COMMERCIAL AND GOVERNMENT
RADIO STATIONS OF THE
UNITED STATES

EDITION JUNE 30, 1923



WASHINGTON
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1923

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, 25 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.

In looking up a station in this list it should be borne in mind that names of stations consisting of several words, such as Samuel L. Fuller and Hillsborough County, have been placed where they would have appeared if the name consisted of only a single word. This is done in conformity with the publications of the Berne Bureau and International Regulations.

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.

Underscoring of normal wave length is indicated by the use of italics, except in list of Government land stations (see note at head of Government land station list).

ABBREVIATIONS USED IN THIS LIST.

Nature of service:

- PG=General public.
- PR=Limited public.
- RC=Radio compass station.
- P=Private (limited commercial and special).
- O=Government business exclusively.
- FX=Fixed station.

Hours of operation:

- N=Continuous service.
- X=No regular hours.

Vessel owners:

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

Radio companies:

- F. T. Co.=Federal 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.

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:

Call letters.	Country.	Call letters.	Country.
AAA-AMZ	Germany.	N	United States.
ANA-APZ	Dutch Indies.	OAA-OBZ	Peru.
AQA-AWZ	Norway.	OCA-OFZ	Great Britain.
AXA-AXZ	Poland.	OGA-OIZ	Denmark.
AYA-AYZ	Venezuela.	OJA-OJZ	Finland.
AZA-AZZ		OKA-OKZ	Czechoslovakia.
B	Great Britain.	OLA-OMZ	Netherlands.
CAA-CEZ	Chile.	ONA-OTZ	Belgium (colonies).
CFA-CEZ	Great Britain protectorates.	OUA-OZZ	Denmark.
CLA-CMZ	Spain.	PAA-PIZ	Netherlands.
CNA-CNZ	Morocco.	PJA-PJM	Curacao.
COA-COZ	Great Britain.	PJN-PJZ	Dutch Guiana.
CPA-CPZ	Bolivia.	PKA-PMZ	Dutch Indies.
CQA-CQZ	Monaco.	PNA-PPZ	Brazil.
CRA-CRZ	Portugal (colonies).	PQA-PSZ	Portugal.
CSA-CUZ	Portugal.	PTA-PVZ	Brazil.
CVA-CVZ	Rumania.	PWA-PWZ	Cuba.
CWA-CWZ	Uruguay.	PXA-PZZ	Netherlands.
CXA-CXZ	Spain.	Q	Reserved for abbreviations.
CYA-CZZ	Mexico.	RAA-RQZ	Russia.
DAA-DSZ	Germany.	RRA-RZZ	
DTA-DTZ	Danzig (Free State).	SAA-BMZ	Sweden.
DUA-DZZ	Germany.	SNA-STZ	Brazil.
EAA-EHZ	Spain (colonies).	SUA-SUZ	Egypt.
EIA-EZZ	Great Britain.	SVA-SZZ	Greece.
F	France (colonies and protectorates).	TAA-TEZ	Turkey.
G	Great Britain.	TFA-TFZ	Iceland.
HAA-HAZ	Hungary.	TGA-THZ	Greece.
HBA-HBZ	Switzerland.	TIA-TOZ	Spain.
HCA-HCZ	Ecuador.	TPA-TUZ	Norway.
HDA-HEZ	Netherlands.	TVA-TZZ	Netherlands.
HFA-HFZ	Kingdom of Serbia.	UAA-UMZ	France (colonies and protectorates).
HGA-HHZ	Siam.	UNA-UNZ	Kingdom of Serbia.
HIA-HIZ	Dominican Republic.	UOA-UOZ	Austria.
HJA-HKZ	Colombia.	UPA-UZZ	Italy.
HLA-HNU	Spain.	VAA-VGZ	Canada.
KNV-HNZ	New Hebrides.	VHA-VKZ	Australia.
HOA-HZZ	France (colonies and protectorates).	VLA-VMZ	New Zealand.
I	Italy (colonies).	VNA-VNZ	Africa.
J	Japan.	VOA-VOZ	Newfoundland.
KAA-KAY	Germany.	VPA-VSZ	Great Britain (colonies and protectorates autonomous).
KAZ	Danzig (Free State).	VTA-VWZ	British Indies (Persian Gulf).
KBA-KBZ	Germany.	VXA-VZZ	Great Britain (colonies and protectorates).
KCA-KCZ	Lettonia.	W	United States.
KDA-KZZ	United States.	XAA-XDZ	Mexico.
LAA-LHZ	Norway.	XEA-XMZ	Great Britain.
LIA-LRZ	Argentina.	XNA-XSZ	China.
LSA-LUZ	Great Britain.	XTA-XZZ	Great Britain.
LVA-LVZ	Guatemala.	Y	Do.
LWA-LWZ	Norway.	Z	Do.
LXA-LZZ	Bulgaria.		
M	Great Britain.		

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.

D. B. CARSON,
Commissioner of Navigation.

Approved:

HERBERT HOOVER,
Secretary of Commerce.

COMMERCIAL LAND RADIO STATIONS, ALPHABETI- CALLY BY NAMES OF STATIONS.

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Aberdeen, Wash.	KZE	300, 450, 600..	PR	X	Grays Harbor Stevedore Co.
Akutan, Alaska	KMW	300, 600, 1600..	PR	X	North Pacific Sea Products Co
Alitak, Alaska	KYL	300, 500, 600..	FX	X	Alaska Packers Assn.
Amuguls, P. I. (Tayabas Province).	KPB	600, 1000 ..	PG	* (1)	Philippine Insular Government.
Arroyo Park Camp, Calif.	KEY	1764	FX	X	Southern California Edison Co.
Balabac, P. I.	KEW	600, 1200	PG	(2)	Philippine Insular Government.
Barnegat, N. J. (Tuckerton).	WCI	16700	FX	N	R. C. A.
Basco, P. I.	KZAB	600, 1200, 1500 1800, 2400	PG	(3)	Philippine Insular Government.
Batangas, P. I.	KPC	3000	PG	(4)	Do.
Baytown, Tex.	KDPS	300, 600, 706..	PR	X	Humble Oil & Refining Co.
Beaumont, Tex.	WOD	300, 600, 706..	PR	X	Magnolia Petroleum Co.
Becharof, Alaska	KUDV	300, 500, 600..	FX	X	Alaska Packers Assn.
Belmar, N. J. (see New Brunswick, N. J.).					
Babylon, N. Y. (see New York, N. Y.).					
Baltimore, Md.	WEQ	731, 909	FX	X	Board of Fire Commissioners.
Big Creek (Camp 62), Calif.	KVP	1764	FX	X	Southern California Edison Co.
Big Creek (Camp 63), Calif.	KRY	1764	FX	X	Do.
Bollnas, Calif.	KET	13345	FX	N	R. C. A.
Bollnas, Calif.	KPH	300, 450, 600, 1800	PG	N	Do.
Bongao, P. I.	KEO	600, 962	PG	(2)	Philippine Insular Government.
Boston, Mass.	WBF	300, 600, 1800..	PG	N	T. R. T. Co.
Bristol Bay, Alaska (see Metha Nelson).					
Burrowood, La.	WBW	300, 600, 1700..	PG	X	Do.
Butte, Mont.	KMN	1700	FX	X	Montana Power Co.
Cagayan de Sulu, P. I.	KEV	750	PG	(5)	Philippine Insular Government.
Calapan, P. I. (Mindoro).	KZAC	300, 600, 952..	PG	(6)	Do.
Camp Eustis, Va. (Flagship Div. 1).	WPF	300, 600	FX	X	U. S. S. B.
Camp 60, Calif.	KDPV	1650	FX	X	Southern California Edison Co.
Camp 61, Calif.	KDPW	1650	FX	X	Do.
Camp 61-C, Calif.	KFM	1650	FX	X	Do.
Candle, Alaska	KGF	300, 550, 600..	FX	X	Robinson & Greenberg.
Cape May, N. J.	WCY	300, 450, 600, 1610	PG	N	R. C. A.
Carlisle, Alaska	KOV	300, 600, 1610..	PG	X	Carlisle Packing Co.
Cascada, Calif.	KDPU	1650	FX	X	Southern California Edison Co.
Casper, Wyo.	KDC	1685	FX	X	Illinois I'ipe Line Co.
Cebu, P. I.	KPI	600, 1200	PG	(1)	Philippine Insular Government.
Ceiba, P. R.	WKK	300, 600, 1610..	PG	(6)	Bureau of Insular Telegraph.
Chatham, Mass.	WIM	300, 450, 600..	PG	N	R. C. A.
Chatham, Mass. (see Marion, Mass.).	WSO				
Cheboygan, Mich.	KUXM	300, 600, 1599..	FX	X	Warren W. Kathan.
Chicago, Ill.	WBU		FX	X	City of Chicago.
Chichagof, Alaska	KRX	300, 550, 600..	PG	X	Chichagof Mining Co.
Chignik, Alaska	KHC	300, 600, 1610..	FX	X	Alaska Packers Assn.
Chignik, Alaska	KNP	300, 525, 600, 1650	FX	X	Columbia River Packers Assn.
Chisk Island, Alaska	KUCP	300, 550, 600, 1650	FX	X	Pioneer Canneries.
Chomly, Alaska	KDP	300, 550, 600..	FX	(7)	Alaska Consolidated Canneries.
Clarks Point, Alaska	KHG	300, 400, 500, 600	FX	X	Alaska Packers Assn.
Clearwater, Calif.	KNR	3375, 4200, 5500	FX	(8)	F. T. Co.
Clearwater, Calif.	KOK	300, 600, 1800..	PG	N	Do.
Cleveland, Ohio	KDPM	300, 600, 1817..	FX	X	Westinghouse Electric & Mfg. Co.
Cleveland, Ohio	WTK	300, 600	PG		Inter-City Radio Telegraph Co.
Coram Hill, N. Y.	WQL	17500	FX	X	R. C. A.
Cranston, R. I.	WKAP	300, 600	FX	X	Dutree W. Flint.
Cullon, P. I.	KPJ	600, 1200	PG	(9)	Philippine Insular Government.
Cuyo, P. I.	KLX	600, 1200	PG	(9)	Do.
Daly, Alaska	KDJT	300, 550, 600..	FX	X	Alaska-Portland Packers Assn.
Davao, P. I. (Mindinao Island).	KIF	600, 1200	PG	(4)	Philippine Insular Government.
Davenport, Iowa	WOC	674	FX	X	Palmer School of Chiropractic.
Dearborn, Mich.	KDEN	300, 600, 1713..	FX	X	Henry Ford.
Detroit, Mich.	KDPH	300, 600, 1621..	FX	X	Detroit-Edison Co.

* See footnotes to this table on p. 8.

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

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Detroit, Mich.	WWJ	300, 600, 750..	FX	X	Evening News Assn.
East Hampton, N. Y.	WSA	300, 600.....	PG	N	I. W. T. Co.
East Moriches, N. Y.	WSE	300, 600, 1800, 2500	PG	N	Do.
East Pittsburgh, Pa.	KDKA	1817.....	FX	X	Westinghouse Electric & Mfg. Co.
Egegik, Alaska	KMF	300, 550, 600..	FX	X	Libby, McNeill & Libby.
Ekluk, Alaska	KMG	300, 500, 600..	FX	X	Do.
El Dorado, Kans.	WAH	1599.....	FX	X	Midland Refining Co.
Ensenada, P. R.	WPR	300, 450, 600, 1800	PG	(10)	South Porto Rico Sugar Co. of Porto Rico.
Everett, Wash.	KFT	300, 600.....	PG	N	American Tug Boat Co.
Fairport, Va.	KDAH	300, 450, 600..	FX	X	C. E. Davis Packing Co.
False Pass, Alaska.	KJL	300, 525, 600, 1650	FX	X	P. E. Harris & Co.
Fort Morgan, Ala.	WIO	300, 450, 600, 1700	PG	X	T. R. T. Co.
Frackville, Pa.	WBI	1650.....	FX	X	Penn. Power & Light Co.
Frankfort, Mich.	WFK	300, 600, 1666.	PG	(11)	Ann Arbor Railway Co.
Fresno, Calif.	KDNU		FX	X	San Joaquin Light & Power Corp.
Funter, Alaska	KXK	300, 550, 600..	FX	X	Thinket Packing Co.
Guntersville, Ala.	WKH		FX	X	Nashville, Chattanooga & St. Louis Ry.
Harrisburg, Pa.	WBAK	400.....	FX	X	Pennsylvania State Police.
Hauto, Pa.	WDS	1650.....	FX	X	Penn. Power & Light Co.
Hawk Inlet, Alaska	KKAI	300, 550, 600..	FX	X	P. E. Harris & Co.
Hazelton, Pa.	WCJ	1650.....	FX	X	Penn. Power & Light Co.
Hidden Inlet, Alaska	KQL	300, 450, 600..	PG	X	A. & P. Products Co.
Hillsboro, Oreg.	KEK	300, 600, 1800.	PG	N	F. T. Co.
Hillsboro, Oreg.	KGH	4120, 6175, 8500	FX	X	Do.
Honolulu, Hawaii.	KOG	300, 550, 600..	PG	(12)	Mutual Telephone Co.
Hyder, Alaska.	KDFA	300, 600, 1610.	PG	(13)	Hyder Radio & Telephone Co.
Ikatani, Alaska.	KXW	300, 450, 600..	FX	X	Pacific-American Fisheries.
Iloilo, P. I.	KPM	600, 1200.....	PG	(4)	Philippine Insular Government.
Isabela de Basilan, P. I.	KPN	200.....	PG	(9)	Do.
Jackson, Ohio.	WJQ	1831.....	FX	X	Ford Motor Co.
Johnswood, Mich.	KUVQ	300, 450, 600..	FX	X	Kreetan Co.
Jolo, P. I.	KIL	600, 1200, 1900	PG	(9)	Philippine Insular Government.
Jordan, Mont.	KUVR		FX	(14)	Miles City-Jordan Wireles Co.
Kahuku, Hawaii.	KGI	16300.....	FX	N	R. C. A.
Kahuku, Hawaii.	KIE	9145, 16975..	FX	N	Do.
Kanatak, Alaska.	KGC	300, 525, 600, 1625	FX	X	Associated Oil Co.
Karluk, Alaska.	KYK	300, 500, 600..	FX	X	Alaska Packers Assn.
Katalla, Alaska.	KSC	300, 600, 1650.	PG	X	Chilkat Oil Co.
Kaunakakai, Hawaii.	KHO	300, 550, 600..	FX	(23)	Mutual Telephone Co.
Kawaihae, Hawaii.	KHN	300, 550, 600..	FX	(15)	Do.
King Cove, Alaska.	KJK	300, 450, 600, 1610	PG	X	Pacific-American Fisheries Co.
Koggiung (moored vessel, Koggiung River, Alaska).	KUBX	300, 400, 600..	FX	X	Alaska Packers Assn.
Koggiung, Alaska.	KVV	300, 450, 600, 1600	FX	(16)	Libby, McNeill & Libby.
Koko Head, Hawaii (see Kahuku, Hawaii).	KIE				
Kukak Bay, Alaska.	KDN	300, 550, 600..	FX	X	Hemrich Packing Co. (Walter Hemrich).
Kussilof, Alaska.	KKA O	525, 600, 1610.	FX	X	Alaska Packers Assn.
Kvichak, Alaska.	KHB	300, 400, 500, 600	FX	X	Do.
Laguna Bell Camp, Calif.	KYG	1764.....	FX	X	Southern California Edison Co.
Latouche, Alaska.	KIM	300, 600, 1650.	PG	X	Kennecott Copper Corp.
Lawrenceville, Ill.	WJB	1790.....	FX	X	Indian Pipe Line Corp.
Lazy Bay, Alaska.	KEPS	300, 600, 1650.	FX	X	Alitak Packing Co.
Libbyville, Alaska.	KMT	300, 600, 1700, 2200	PG	X	Libby, McNeill & Libby.
Lihue, Hawaii.	KHM	300, 550, 600..	FX	X	Mutual Telephone Co.
Lima, Ohio.	WBV	1685.....	FX	X	Illinois Pipe Line Co.
Lockanok, Alaska.	KML	300, 550, 600, 1650	FX	X	Libby, McNeill & Libby.
Long Beach, Calif.	KUXT	300, 450, 600..	FX	(9)	Pacific Telep. & Teleg. Co.
Los Angeles, Calif.	KHI	300, 600, 1764.	FX	X	Southern California Edison Co.
Los Angeles, Calif. (portable).	KPK		FX	X	Los Angeles Examiner.
Los Angeles, Calif. (see Wilmington, Calif.).	KSE				
Los Angeles, Calif.	KVT	300, 600, 1610.	FX	X	Boulevard Express.
Los Angeles, Calif.	KWH		FX	X	Examiner Printing Co. (L. A. Examiner).
Lost Harbor, Alaska.	KWS	300, 550, 600..	FX	X	Alaska Sulphur Co.
Ludington, Mich.	WLD	300, 450, 600, 1666.	PG	(17)	Pere Marquette Railway Co.
Madison, Wis.	WHA	1290.....	FX	X	University of Wisconsin.

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

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Malabang, P. I.....	KIZ	600, 1200.....	PG	(9)	Philippine Insular Government.
Malangas, P. I.....	KPV	600, 900.....	PG	(9)	Do.
Malita, P. I.....	KPW	600, 1200.....	PG	(9)	Do.
Manitowoc, Wis.....	WMW	300, 600.....	PG	N	Pere Marquette Railway Co.
Marion, Mass.....	WCC	300, 600, 2800.	PG	N	R. C. A.
Marion, Mass. (Mata- polsett).	WRQ	13900.....	FX	N	Do.
Marion, Mass.....	WSO	11620.....	FX	N	Do.
Marshall, Calif. (see Bolinas, Calif.).	KET				
Martinsville, Ill.....	WHY	1689.....	FX	X	Illinois Pipe Line Co.
Mati, P. I.....	KPZ	600, 952.....	PG	(9)	Philippine Insular Government.
Metha Nelson (moored vessel, Bristol Bay, Alaska.)	KMP	300, 400, 600..	FX	X	Alaska Packers Assn.
Miami, Fla.....	WAX	300, 450, 600, 706, 1599	PG	N	T. R. T. Co.
Miles City, Mont.....	KUXN		FX	(14)	Miles City-Jordan Wireless Co.
Minneapolis, Minn.....	WLP	1764.....	FX	X	Northern States Power Co.
Mobile, Ala.....	WNN		FX	X	T. R. T. Co.
Naknek, Alaska.....	KHT	300, 600, 1610.	FX	X	Alaska Packers Assn.
Naknek, Alaska.....	KMK	300, 500, 600, 1800	FX	X	Naknek Packing Co.
Negley, Ohio.....	WCQ	1685.....	FX	X	Illinois Pipe Line Co.
Nelson Lagoon, Alaska..	KXV	300, 450, 600..	FX	X	Pacific-American Fisheries.
Newark, N. J.....	WJZ	3100.....	FX	X	Westinghouse Electric & Mfg. Co.
New Brunswick, N. J.....	WII	13600.....	FX	N	R. C. A.
New Brunswick, N. J. (Bound Brook).	WRT	11500.....	FX	N	Do.
New London, Conn.....	WLC	300, 600.....	PG	N	Do.
New London, Conn.....	WST	300, 450, 600..	PG	(18)	I. W. T. Co.
New Orleans, La.....	WNU	300, 600, 1700 2850	PG	N	T. R. T. Co.
New York, N. Y.....	KUVS	300, 450, 600..	PR	X	City of New York, Police Depart- ment.
New York, N. Y.....	WBC	300, 600, 1800.	PG	N	I. W. T. Co.
New York, N. Y.....	WCG	300, 600.....	PG	(18)	Do.
New York, N. Y.....	WHI	300, 600, 1700	FX	(20)	John Wanamaker.
New York, N. Y. (Bor- ough of Brooklyn).	WNY	300, 600, 2000.	PG	N	R. C. A.
Northville, Mich.....	KDEP	1909.....	FX	X	Henry Ford.
Nushagak, Alaska.....	KKA E	300, 600, 1600.	FX	X	Libby, McNeill & Libby.
Oakland, Calif. (port- able).	KGA	143.....	FX	X	Tribune Publishing Co.
Owensboro, Ky.....	WJC	1790.....	FX	X	Indian Pipe Line Corp.
Palo Alto, Calif.....	KWT	3554, 3900, 4300, 4785, 5720, 7587	FX	X	F. T. Co.
Pearl Creek Dome, Cold Bay oil district, Alaska	KFU	1700.....	FX	X	Standard Oil Co. of Calif.
Pedrocity, Calif.....	KUXV	300, 450, 600..	FX	(9)	Pacific Telep. & Teleg. Co.
Philadelphia, Pa.....	WHE	300, 600, 1700.	FX	(21)	John Wanamaker.
Pilot Point, Alaska.....	KUDT	300, 500, 600..	FX	X	Alaska Packers Assn.
Pirate Cove, Alaska.....	KOXN	300, 600, 1650.	PG	(22)	Union Fish Co.
Point Reyes, Calif. (Bo- linas).	KDU	13100.....	FX	N	R. C. A.
Port Althorp, Alaska....	KLW	300, 450, 525, 600	FX	X	Deep Sea Salmon Co.
Port Beauclaire, Alaska.	KWO	300, 550, 600..	FX	X	Beauclaire Packing Co.
Port Huron, Mich.....	KDPJ	300, 600, 1625.	FX	X	Detroit-Edison Co.
Port Lebak, P. I.....	KPX	600, 952, 1200.	PG	(9)	Philippine Insular Government.
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.
Princeton, Ind.....	WJAV	1790.....	FX	X	Indian Pipe Line Corp.
Puerto Princesa, P. I....	KIV	600, 1200.....	PG	(9)	Philippine Insular Government.
Pybus Bay, Alaska.....	KFC	300, 550, 600..	FX	(7)	Alaska Consolidated Canneries.
Quadra, Alaska.....	KHD	300, 550, 600..	FX	(7)	Do.
Quincy, Mass.....	KDGU	300, 600, 1966.	FX	X	Bethlehem S. S. Corp.
Radfordville, Alaska.....	KWW	300, 550, 600..	PG	X	Joseph T. Bauer.
Rainbow, Mont. (near Great Falls).	KLQ	1700.....	FX	X	Great Falls Power Co.
Raleigh, N. C.....	WLAC		FX	X	North Carolina State College.
Rogers, Mich.....	WHT	300, 450, 600, 1800	PG	N	Michigan Limestone & Chemical Co.
Rose Inlet, Alaska.....	KJC	300, 550, 600..	FX	(7)	Alaska Consolidated Canneries.
Ruby, moored vessel, Kogglung River, Alas- ka.	KDRH	300, 400, 600..	FX	X	Alaska Packers Assn.
St. Croix Falls, Wis.....	WPL	1764.....	FX	X	Northern States Power Co.
St. James, N. Y.....	WQK	16465.....	FX	N	R. C. A.

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

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Saltchuck, Alaska.....	KWQ	300, 550, 600..	FX	X	Saltchuck Mining Co.
San Diego, Calif.....	KVU	300, 600, 1610.	FX	X	Boulevard Express.
San Francisco, Calif.....	KEB	300, 600.....	FX	N	Marine Exchange.
San Francisco, Calif.....	KFS	300, 600, 1800.	PG	N	F. T. Co.
San Francisco, Calif.....	KHH	300, 600.....	FX	X	John P. Hickey.
San Francisco, Calif. (portable).	KII	.....	FX	X	United Press.
San Francisco, Calif. (portable).	KTA	143.....	FX	X	Examiner Printing Co.
San Francisco, Calif.....	KUO	143, 300, 600, 690	FX	X	Do.
San Francisco, P. I. (Ca- motes).	KPY	300, 600.....	PG	(⁶)	Philippine Insular Government.
San Gabriel Camp, Calif.	KQT	1764.....	FX	X	Southern California Edison Co.
San Jose, P. I. (Mindoro Island).	KIY	600, 1200.....	PG	(⁶)	Philippine Insular Government.
San Ysidro, Calif.....	KFN	.....	FX	X	Lester Picker.
Seattle, Wash.....	KPE	300, 450, 550, 600	PG	N	City of Seattle, Harbor Department.
Seattle, Wash.....	KVW	.....	FX	X	City of Seattle, Light Department.
Seldovia, Alaska.....	KEA	300, 550, 600..	PG	X	Adam Lipke.
Shock, Ky.....	WAAI	1610.....	FX	X	Sullivan Pond Creek Co.
Slasonset, Mass.....	WSC	300, 450, 600, 1610	PG	X	R. C. A.
Siati, P. I.....	KED	600.....	PG	(⁶)	Philippine Insular Government.
Skagit Power Site, Wash.	WJE	.....	FX	X	City of Seattle, Light Department.
Snag Point, Alaska.....	KHF	300, 400, 500, 600	FX	X	Alaska Packers Assn.
Springfield, Mass.....	WBZ	1817.....	FX	X	Westinghouse Electric & Mfg. Co.
Springfield, Ohio.....	WNA	1875.....	FX	X	Ford Motor Co.
Stanford University, Calif.	KFGH	.....	FX	X	Leland Stanford University.
Superior, Mich.....	KDPI	1625.....	FX	X	Detroit-Edison Co.
Tampa, Fla.....	WPD	300, 450, 600..	PG	(¹⁷)	George C. Warner, jr. (Gulf Radio Service).
Tee Harbor, Alaska.....	KQP	300, 550, 600..	FX	(⁷)	Alaska Consolidated Canneries.
Tenakee, Alaska.....	KOBC	300, 550, 600..	FX	X	Columbia Salmon Co.
Thompson Falls, Mont..	KLL	1700.....	FX	X	Thompson Falls Power Co.
Tralece, W. Va.....	WCAA	.....	FX	X	Meade Pochontas Coal Co.
Tuckerton, N. J.....	WGG	15900.....	FX	N	R. C. A.
Tullahoma, Tenn.....	WJJ	.....	FX	X	Nashville, Chattanooga & St. Louis Railway.
Tulsa, Okla.....	WEH	1599.....	FX	X	Midland Refining Co.
Ugashik, Alaska.....	KMU	300, 500, 600..	FX	X	Red Salmon Canning Co.
Unga, Alaska.....	KVI	300, 600, 1800.	FX	X	Alaska Codfish Co.
Union Bay, Alaska.....	KON	300, 450, 600, 1800	PG	X	A. & P. Products Co.
Uyak, Alaska.....	KHA	300, 600, 1610.	FX	X	Alaska Packers Assn.
Vieques, P. R.....	WGW	300, 600, 1610.	PG	(⁶)	Bureau of Insular Telegraph.
Wahlawa, Hawaii.....	KHK	300, 550, 600..	PG	N	Mutual Telephone Co.
Wailuku, Hawaii.....	KHL	300, 550, 600..	FX	(¹³)	Do.
Warren, Alaska.....	KDJU	300, 550, 600, 1610	FX	X	Alaska-Portland Packers Assn.
Wilmington, Calif.....	KSE	300, 450, 600..	PG	N	R. C. A.
Yakutat, Alaska.....	KKA	300, 550, 600..	FX	X	Libby, McNeill & Libby.
Yes Bay, Alaska.....	KRU	300, 550, 600..	FX	(⁷)	Alaska Consolidated Canneries.
Zamboanga, P. I.....	KIW	1220.....	PG	(⁴)	Philippine Insular Government.

¹ 8 a. m. to 12 noon; 2 to 5.30 p. m. daily; Sundays and holidays, 8 to 10 a. m.; 4 to 5.30 p. m.
² 8 a. m. to 12 noon; 2 to 5.30 p. m. daily; Sundays and holidays, 9 to 11 a. m.; ship schedule, first 10 min-
utes of each hour.

³ 8 a. m. to 12 noon; 2 to 5.30 p. m. daily; ship schedule, first and last 10 minutes of each hour.

⁴ 7 a. m. to 8 p. m. daily; Sundays and holidays, 9 to 11 a. m.

⁵ 8 a. m. to 12 noon; 2 to 5.30 p. m. daily; Sundays and holidays, 9 to 11 a. m.; ship schedule, last 10 min-
utes of each hour.

⁶ 8 to 12 noon; 1 to 6 and 7 to 8 p. m.

⁷ 8 to 10 a. m.; 7 to 10 p. m.

⁸ 7 a. m. to 11 p. m.

⁹ 8 a. m. to 12 noon; 2 to 5.30 p. m. daily; Sundays and holidays, 9 to 11 a. m.

¹⁰ 5 a. m. to 12 noon; 1 to 10 p. m.

¹¹ 8 a. m. to 12 noon; 1 to 5 p. m.; 8 p. m. to 12 midnight; 1 to 5 a. m.

¹² 7.30 a. m. to 11 p. m.

¹³ 9 a. m. to 12 noon; 6 to 9 p. m.

¹⁴ 8 a. m. to 6 p. m.

¹⁵ 7.30 a. m. to 11 p. m.

¹⁶ 6.30 to 9.30 p. m.

¹⁷ 5 a. m. to 12 midnight.

¹⁸ 8 p. m. to 4 a. m.

¹⁹ 8 a. m. to 12 midnight.

²⁰ 9 a. m. to 5 p. m.

²¹ 9 a. m. to 6 p. m.

²² 9 to 11 a. m.; 6 to 12 midnight.

²³ 7 a. m. to 5.30 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..	KDHX	300, 450, 600..	PG-X	National Oil Transp. Co.....	I. W. T. Co.
A. A. Augustus...	KDXQ	300, 600.....	PG-X	Pioneer S. S. Co.....	R. C. A.
Abangarez.....	KDI	300, 600.....	PG-N	United Fruit S. S. Corp.....	T. R. T. Co.
Abercos.....	KOVR	300, 450, 600..	PG-X	U. S. S. B.....	S. O. R. S.
Ablanset.....	KIXF	300, 600.....	PG-X	do.....	do.....
Abner Coburn.....	WHR	300, 600.....	PG-X	Libby, McNeill & Libby.....	do.....
Abraham Lincoln..	KIXS	300, 600.....	PG-X	U. S. S. B.....	do.....
Abron.....	KEBD	300, 450, 600, 706	PG-X	do.....	R. C. A.
Absaroka.....	WKW	300, 450, 600.	PG-X	do.....	do.....
Absecon.....	KSEA	300, 450, 600..	PG-X	A. H. Bull S. S. Co.....	I. W. T. Co.
A. C. Bedford.....	KNZ	300, 450, 600.	PG-X	Standard Oil Co. of N. J.....	R. C. A.
Accomac.....	KMOE	300, 600.....	PG-X	U. S. S. B.....	do.....
Achilles.....	KPT	300, 450, 600..	PG-N	Panama R. R. Co.....	Owner of vessel.
Acme.....	KIJ	300, 600.....	PG-X	Standard Transpn. Co.....	R. C. A.
Adam E. Cornelius..	KDVF	300, 600.....	PG-X	American S. S. Co.....	Owner of vessel.
Adler.....	KDIT	300, 600.....	PG-X	Corona Coal Co.....	Do.
Admiral Dewey.....	WAY	300, 450, 600.	PG-N	Pacific S. S. Co.....	R. C. A.
Admiral Ewans.....	KICZ	300, 450, 600..	PG-N	do.....	Do.
Admiral Farragut..	WAF	300, 600.....	PG-N	do.....	Do.
Admiral Fiske.....	WGS	300, 450, 600.	PG-N	do.....	Do.
Admiral Goodrich..	WRJ	300, 450, 600.	PG-N	do.....	Do.
Admiral Nicholson..	KMAA	300, 450, 600.	PG-X	do.....	Do.
Admiral Rodman.....	WQA	300, 600.....	PG-N	do.....	Do.
Admiral Rogers.....	WGE	300, 450, 600.	PG-N	do.....	Do.
Admiral Schley.....	WAZ	300, 450, 600. 706	PG-N	do.....	Do.
Admiral Sebree...	WAG	300, 450, 600.	PG-X	Pacific-Alaska Nav. Co.....	Do.
Admiral Watson.....	WAW	300, 450, 600.	PG-N	Pacific S. S. Co.....	Do.
Adria.....	KUSZ	300, 450, 600.	PG-X	U. S. S. B.....	do.....
Advance.....	KMV	300, 450, 600, 706	PG-N	J. Abbott Nile.....	Do.
A. E. R. Schneider..	WFUI	300, 600.....	PG-X	Morrow S. S. Co.....	Owner of vessel.
Afel.....	KISQ	300, 600.....	PG-X	U. S. S. B.....	R. C. A.
Afoundria.....	KOMQ	300, 450, 600.	PG-X	do.....	S. O. R. S.
Agarista.....	KLUU	300, 600.....	PG-X	do.....	do.....
Agawam.....	WNIE	300, 450, 600.	PG-X	do.....	do.....
Agnes Dollar.....	WSF	300, 450, 600, 706	PG-X	Dollar S. S. Line.....	R. C. A.
Agwibay.....	KDSR	300, 600.....	PG-X	Guaranty Trust Co.....	I. W. T. Co.
Agwidale.....	WDOA	300, 450, 600.	PG-X	Mallory S. S. Co.....	Do.
Agwihavre.....	KDRX	300, 450, 600.	PG-X	Atlantic, Gulf & West Indies S. S. Lines.	Do.
Agwilake.....	KDNN	300, 600.....	PG-X	do.....	Do.
Agwimars.....	KDMC	300, 450, 600.	PG-X	do.....	Do.
Agwimex.....	KDUQ	300, 600.....	PG-X	do.....	Do.
Agwimoon.....	KDBC	300, 600.....	PG-X	do.....	Do.
Agwisea.....	KDMB	300, 600.....	PG-X	do.....	Do.
Agwismith.....	KDRC	300, 450, 600.	PG-X	do.....	Do.
Agwistar.....	KEPG	300, 450, 600.	PG-X	New York & Cuba Mail S. S. Co.	Do.
Agwistone.....	KDPO	300, 450, 600.	PG-X	Atlantic, Gulf & West Indies S. S. Lines.	Do.
Agwisun.....	KDAD	300, 450, 600.	PG-X	do.....	Do.
Agwiworld.....	KDMD	300, 600.....	PG-X	do.....	Do.
Ala.....	KDOB	300, 450, 600.	PG-X	U. S. S. B.....	S. O. R. S.
Alabama.....	WFB	300, 600.....	PG-X	Goodrich Transit Co.....	R. C. A.
Alabama.....	WRAE	300, 600.....	PG-X	Texas Co.....	I. W. T. Co.
Aladdin.....	KDQM	300, 450, 600, 706	PG-X	Standard Transpn. Co.....	R. C. A.
Alameda.....	KOBN	300, 450, 600, 706	PG-N	U. S. S. B.....	Do.
Alameda.....	WAA	300, 450, 600, 706	PG-N	Alaska S. S. Co.....	S. O. R. S.
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.....	do.....
Alaska.....	KFIM	300, 600.....	PG	do.....	do.....
Alaskan.....	WKA	300, 450, 600.	PG-X	American-Hawaiian S. S. Co.....	United American Lines.
Alberta.....	KZA	300, 600, 1800.	PG-X	Fred G. Bourne.....	do.....
Albert E. Watts....	KDOK	300, 600.....	PG-X	Sinclair Navigation Co.....	R. C. A.
Albert Jeffress....	KDBY	300, 450, 600.	PG-X	Garland S. S. Corp.....	Do.
Alcona.....	WLUO	300, 450, 600.	PG-X	U. S. S. B.....	do.....

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Alcyone.....	KFCU	300, 450, 600..	PG-X	Henry W. Putnam.....	Owner of vessel.
Alden Anderson..	KRNG	300, 450, 600, 706	PG-X	Associated Oil Co.....	R. C. A.
Aledo.....	KEPL	300, 450, 600..	PG-X	U. S. S. B.....	I. W. T. Co.
Algic.....	KDDC	300, 450, 600..	PG-X	do.....	Do.
Algonquin.....	KIZT	300, 450, 600..	PG-N	Clyde S. S. Co.....	Do.
Algonquin.....	KDKH	300, 450, 600..	PG-X	Standard Transp. Co.....	R. C. A.
Alcia.....	KZB	300, 600.....	PG-X	Alfred I. Du Pont.....	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....	I. W. T. Co.
All America.....	KDWF	300, 450, 600, 706	PG-N	Mexican Telegraph Co.....	Owner of vessel.
Alleghany.....	KFGA	300, 450, 600, 706	PG-N	Merchants & Miners Transp. Co.	I. W. T. Co.
Allegheny.....	WRAI	300, 600.....	PG-X	Great Lakes Transit Corp.....	
Allen.....	KDXC	300, 600.....		Dennis Sullivan.....	
Allentown.....	KVIU	300, 600.....	PG-X	U. S. S. B.....	
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.....	KQUA	300, 600.....	PG-X	U. S. S. B.....	
Alloway.....	KTA A	300, 450, 600..	PG-X	do.....	
Aloha.....	KYH	300, 450, 600..	PG-X	Arthur C. James.....	Do.
Alpena.....	WCS	300, 600.....	PG-X	Wyandotte Transp. Co.....	R. C. A.
Alpha.....	KDWO	300, 600.....		E. C. Schroeder.....	Owner of vessel.
Amazon.....	KDXP	300, 600.....	PG-X	Pioneer S. S. Co.....	R. C. A.
Ambridge.....	KIKQ	300, 450, 600..	PG-X	U. S. S. B.....	Do.
A. M. Byers.....	WMY	300, 600.....	PG-X	North American S. S. Co.....	Do.
Amcross.....	KOVF	300, 600.....	PG-X	U. S. S. B.....	
Amelia.....	WRF	300, 450, 600..	PG-X	Atlantic Fruit Co.....	I. W. T. Co.
America.....	KDOW	300, 450, 600, 1800	PG-N	U. S. S. B.....	R. C. A.
American.....	WK F	300, 450, 600..	PG-X	American-Hawaiian S. S. Co...	United American Lines.
American Legion..	KDTM	300, 450, 600, 1800	PG-N	U. S. S. B.....	S. O. R. S.
American Press...	KUDN	300, 450, 600..	PG-X	do.....	R. C. 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.
Amphion.....	WJS	300, 600.....	PG-X	U. S. S. B.....	R. C. A.
Anaconda.....	KO F A	300, 450, 600..	PG-N	do.....	Do.
Anacortes.....	KQQA	300, 450, 600..	PG-X	do.....	I. W. T. Co.
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. Luck- enbach.....	KIFV	300, 450, 600..	PG-N	Luckenbach S. S. Co.....	S. O. R. S.
Angeles (see The Angeles).....					
Aniwa.....	KROE	300, 600.....	PG-N	U. S. S. B.....	
Anahuac.....	KUZL	300, 600.....	PG-X	do.....	
Andrew Jackson..	KONQ	300, 600.....	PG-X	do.....	
Anna E. Morse.....	KUTD	300, 600.....	PG-X	do.....	I. W. T. Co.
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. 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, 706	PG-X	Atlantic Fruit Co.....	I. W. T. Co.
Annette Rolph.....	KETZ	300, 600.....	PG-X	Rolph Nav. & Coal Co.....	Owner of vessel.
Anniston.....	KIDM	300, 450, 600..	PG-X	U. S. S. B.....	
Anniston City.....	KDSG	300, 450, 600..	PG-X	U. S. Steel Products Co.....	I. W. T. Co.
Anthony O'Boyle..	WVOU	300, 600.....	PG-X	Anthony O'Boyle.....	
Anthracite Bridge.	KUKG	300, 600.....	PG-X	U. S. S. B.....	
Antietam.....	KONR	300, 600.....	PG-X	do.....	R. C. A.
Antilla.....	KWD	300, 600.....	PG-X	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Antinous.....	KDAX	300, 450, 600..	PG-X	U. S. S. B.....	Do.
Antonia.....	KOLD	300, 600.....	PG-N	Madrigal & Co.....	
Anvil.....	KDYP	300, 425, 600..	PG-X	Howard N. Findlay.....	Owner of vessel.
Apache.....	KVA	300, 600, 706..	PG-N	Clyde S. S. Co.....	I. W. T. Co.
Apex.....	KGUI	300, 425, 600..	PG-X	Wilson Fisheries Co.....	Owner of vessel.
Aquarius.....	KUSN	300, 450, 600..	PG-X	U. S. S. B.....	I. W. T. Co.
Aquilo.....	KOCJ	300, 425, 600..	P-X	H. F. Alexander.....	Owner of vessel.
Ara.....	KFBQ	300, 450, 600..	PG-X	William K. Vanderbilt.....	Do.
Arapahoe.....	KFFM	300, 450, 600..	PG-X	Alaska Packers Assn.....	Do.
Arapahoe.....	KVB	300, 600, 706..	PG-N	Clyde S. S. Co.....	I. W. T. Co.
Archer.....	KXG	300, 450, 600..	PG-X	U. S. S. B.....	R. C. A.
Arctic.....	KFHT	300, 600, 1800.	PG-X	H. Liebes & Co.....	Do.
Arcturus.....	KURD	300, 450, 600..	PG-X	U. S. S. B.....	S. O. R. S.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Arden	KDPN	300, 600	PG-X	U. S. S. B.	
Ardmore	KIA	300, 450, 600	PG-X	Standard Oil Co. of N. J.	R. C. A.
Arenas	KIRM	300, 600	PG-X	U. S. S. B.	
Argon	KUDD	300, 450, 600, 706	PG-X	Standard Transpn. Co.	Do.
Argosy	KDHL	300, 450, 600	PG-X	U. S. S. B.	S. O. R. S.
Ario	KULM	300, 450, 600	PG-X	Standard Transpn. Co.	R. C. A.
Arizona	WFG	300, 600	PG-X	Goodrich Transit Co.	Do.
Arizonaan	WKB	300, 450, 600, 706	PG-X	American-Hawaiian S. S. Co.	United American Lines.
Arizpa	KULN	300, 450, 600	PG-X	U. S. S. B.	
Armenia	KYM	300, 600	PG-X	do	I. W. T. Co.
Ario	KDLJ	300, 600	PG-X	Jewett M. Scott	Owner of vessel.
Artemis	WQS	300, 600	PG-N	U. S. S. B.	
Artigas	KURG	300, 450, 600	PG-X	do	I. W. T. Co.
Aryan	KOLB	300, 450, 600	PG-X	Texas Co.	Do.
Asabeth	KIXG	300, 600	PG-X	U. S. S. B.	
Ascutney	KYV	300, 600	PG-N	do	R. C. A.
Ashbee	KIGZ	300, 450, 600	PG-X	do	
Asher J. Hudson	KDWG	300, 600	PG-X	Sabine Towing Co.	I. W. T. Co.
Ashland County	KOMR	300, 450, 600	PG-X	U. S. S. B.	
Ashtabula	WEZ	300, 600	PG-X	Pennsylvania & Ontario Nav. Co.	R. C. A.
Askawake	KETM	300, 450, 600	PG-X	U. S. S. B.	
Asquam	KISV	300, 600	PG-X	do	
Assinippi	KIPB	300, 600	PG-X	do	
Astoria	KDYT	300, 450, 600	PG-X	Richard T. Green Co.	Do.
Astral	KIQ	300, 450, 600	PG-X	Standard Transpn. Co.	Do.
Atenas	KDK	300, 600	PG-N	United Fruit S. S. Corp.	T. R. T. Co.
Atlanta City	KDSW	300, 600	PG-X	U. S. Steel Products Co.	I. W. T. Co.
Atlanta of Texas	KDCN	300, 600	PG-X	U. S. S. B.	
Atlantic Sun	KUMS	300, 450, 600	PG-X	Sun Oil Co.	R. C. A.
Atlas	WTT	300, 600	PG-X	Standard Oil Co. of Calif.	Do.
Auburn	WDOE	300, 450, 600	PG-N	U. S. S. B.	
Auditor	KOFF	300, 450, 600	PG-X	do	
Ausable	WWP	300, 450, 600	PG-X	American Transatlantic Co.	I. W. T. Co.
Australia	KDXO	300, 600	PG-X	Pioneer S. S. Co.	R. C. A.
Avalon	KIZL	300, 600	PG-X	Hart-Wood Lumber Co.	Owner of vessel.
Avalon	WFH	300, 600	PG-X	Wilmington Transpn. Co.	R. C. A.
Avondale	KKAU	300, 600	PG-X	U. S. S. B.	
Babboisic	KITC	300, 600	PG-N	do	
Baccarat	KUSX	300, 600	PG-X	Independent S. S. Co.	Do.
Back Bay	WAM	300, 600	PG-X	Rutland Lake Michigan Transit Co.	Owner of vessel.
Bacoi	KJU	300, 450, 600	PG-X	Gillespie S. S. Corp.	
Bakersfield	KIZC	300, 450, 600	PG-X	U. S. S. B.	R. C. A.
Baldbutte	KISM	300, 600	PG-X	do	
Baldhill	KOBV	300, 600	PG-X	do	
Baldrock	KEQJ	300, 450, 600	PG-X	United States & Bermuda Towing Co.	
Ballcamp	KENV	300, 450, 600	PG-X	U. S. S. B.	
Ballenas	KEMZ	300, 600	PG-X	do	
Ballew	KENQ	300, 600	PG-X	do	
Balsam	KIJC	300, 450, 600, 706	PG-X	do	I. W. T. Co.
Bannack	KIZQ	300, 450, 600	PG-X	do	
Bantu	KLM	300, 450, 600	PG-X	U. S. Steel Products Co.	R. C. A.
Baracoa	KEDN	300, 450, 600, 706	PG-X	Colombian S. S. Co.	I. W. T. Co.
Barbara C.	KFFU	300, 450, 600	PG-X	W. R. Chamberlain	R. C. A.
Bar Harbor	KEFD	300, 600	PG-X	U. S. S. B.	I. W. T. Co.
Barlow	WLAE	300, 600	PG-X	do	S. O. R. S.
Barralton	KIDT	300, 600	PG-X	do	
Barranca	KIFR	300, 600	PG-X	Bisso Towboat Co.	Do.
Barrenfork	KIJD	300, 600	PG-X	U. S. S. B.	
Barryton	KIJF	300, 450, 600	PG-X	do	R. C. A.
Barstow	KIJR	300, 600	PG-X	do	
Bartholomew	KOMF	300, 600	PG-X	do	
Barwick	KOBR	300, 600	PG-X	do	I. W. T. Co.
Basco	WVEI	300, 600	PG-N	do	
Basobel	KOFS	300, 450, 600	PG-X	do	
Basford	KOFR	300, 450, 600	PG-X	do	
Bathalum	KIQT	300, 600	PG-X	do	
Bathgate	KIQS	300, 600	PG-X	Southern Transpn. Co.	
Baton Rouge	KSG	300, 450, 600	PG-X	Standard Oil Co. of N. J.	R. C. A.
Bavington	KOPC	300, 450, 600	PG-X	U. S. S. B.	
Bayamo	WDEU	300, 600	PG-X	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Bay Head	KINT	300, 450, 600	PG-X	U. S. S. B.	
Bayonne	KFAG	300, 450, 600	PG-X	Vacuum Oil Co.	R. C. A.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Bayou Chico.....	KDGK	300, 450, 600.	PG-X	U. S. S. B.....	I. W. T. Co.
Bayport.....	KUJC	300, 600.....	PG-X	National Oil Transport Co.	
Baytown.....	KDEM	300, 600.....	PG-X	Humble Oil & Refining Co.	R. C. A.
Bayway.....	KSR	300, 450, 600.	PG-X	Standard Oil Co. of N. J.	Do.
Bearport.....	KUBK	300, 450, 600.	PG-X	U. S. S. B.....	
Beatrice.....	KLJ	300, 600.....	PG-X	A. H. Bull's S. Co.	I. W. T. Co.
Belfast.....	KRD	300, 450, 600, 706	PG-X	Eastern S. S. Lines	R. C. A.
Belfort.....	KIQB	300, 600.....	PG-X	U. S. S. B.....	
Bellbuckle.....	KITK	300, 600.....	PG-X	do.	
Bellemina.....	KODS	300, 450, 600.	PG-X	do.	Owner of vessel.
Belleplaine.....	KOKF	300, 450, 600.	PG-N	do.	
Bellerose.....	KOKD	300, 450, 600.	PG-N	do.	
Bellflower.....	KOPQ	300, 600.....	PG-N	do.	
Bellhaven.....	KOPC	300, 600.....	PG-N	do.	
Bellingham.....	WCIA	300, 450, 600.	PG-X	do.	
Belvidere.....	KEQK	300, 450, 600, 706	PG-X	do.	I. W. T. Co.
Benjamin Brewster	KPS	300, 450, 600.	PG-X	Standard Oil Co. of N. J.	R. C. A.
Benj. F. Packard..	WLA	300, 450, 600.	PG-X	Booth Fisheries Co.	S. O. R. S.
Benoni.....	KERR	300, 600.....	PG-N	U. S. S. B.....	
Benowa.....	KOTZ	300, 600.....	PG-X	Ocean Motorship Co.	
Bensalem.....	KOFT	300, 600.....	PG-X	U. S. S. B.....	
Berkshire.....	KFIE	300, 600.....	PG	Merchants & Miners Transp. Co.	
Bernice.....	KDYF	300, 600.....	PG-X	R. H. Arnold	Owner of vessel.
Bert E. Haney.....	KDCJ	300, 600.....	PG-X	F. H. Ransom, trustee.	S. O. R. S.
Bessemer.....	KIGT	300, 450, 600.	PG-X	U. S. S. B.....	
Bessemer City.....	KDOF	300, 450, 600.	PG-X	U. S. Steel Products Co.	R. C. A.
Bethelridge.....	KERT	300, 450, 600.	PG-X	U. S. S. B.....	I. W. T. Co.
Bethlehem Bridge	KIJY	300, 600.....	PG-X	do.	
Bethlehem Ship- building Corpora- tion. ¹	KUFP	.....	.....	Bethlehem Shipbuilding Corp.	Owner of vessel.
Bethore.....	KDWW	300, 600.....	PG-X	Guaranty Trust Co.	R. C. A.
Betsy Bell.....	KITM	300, 600.....	PG-N	U. S. S. B.....	
Betterton.....	KUBG	300, 450, 600.	PG-X	do.	I. W. T. Co.
Betty R.....	KDFT	200, 300, 600.	PR-X	Edward C. Crossett	Owner of vessel.
Bibbco.....	KDHJ	300, 450, 600.	PG-X	U. S. S. B.....	S. O. R. S.
Bidwell.....	KESQ	300, 450, 600, 1800	PG-X	Sun Shipbuilding Co.	Do.
Biram.....	KKOA	300, 600.....	PG-X	U. S. S. B.....	
Bird City.....	KKBP	300, 450, 600.	PG-X	do.	I. W. T. Co.
Birkenhead.....	KDVL	300, 600.....	PG-X	Vacuum Oil Co.	R. C. A.
Birmingham City	KUTL	300, 450, 600.	PG-X	U. S. Steel Products Co.	Do.
Black Arrow.....	WLN	300, 600.....	PG-N	U. S. S. B.....	
Blair.....	KIGR	300, 450, 600.	PG-X	do.	I. W. T. Co.
Blue Hill.....	KFEA	300, 450, 600.	PG-X	L'Hote S. S. Co.	
Blue Point.....	KDLU	300, 600.....	PG-X	Atlantic Fisheries Co.	
Blue Triangle.....	KUGS	300, 450, 600.	PG-X	U. S. S. B.....	Do.
Bluffton.....	KEKZ	300, 600.....	PG-X	do.	
Bogota.....	KORQ	300, 450, 600, 706	PG-X	Columbian S. S. Co.	
Bohemian Club....	KDTB	300, 450, 600, 1800	PG-X	Atlantic Refining Co.	R. C. A.
Bolivar.....	KIQP	300, 450, 600, 706	PG-X	Columbian S. S. Co.	I. W. T. Co.
Bonnie Brook.....	KDGX	300, 600.....	PG-X	U. S. S. B.....	
Boobyalla.....	KUGC	300, 600.....	PG-X	Ocean Motorship Co.	
Boston.....	KXA	300, 450, 600.	PG-N	New England S. S. Co.	Do.
Boston Bridge.....	KINS	300, 450, 600.	PG-X	U. S. S. B.....	
Bound Brook.....	KIQQ	300, 600.....	PG-X	do.	
Bowdoin.....	WNP	220, 300, 600, 750	PR-X	McMillan Arctic Association.	Owner of vessel.
Boy Scout.....	KDYG	.....	.....	Waldo H. Brown	
Brabant.....	KUU	300, 450, 600.	PG-X	Texas Co.	I. W. T. Co.
Bradock.....	KETG	300, 450, 600.	PG-X	U. S. S. B.....	R. C. A.
Brandywine.....	WGUI	300, 600.....	PG-X	do.	
Brasher.....	KIJX	300, 600.....	PG-X	do.	Do.
Brave Coeur.....	KOGN	300, 450, 600.	PG-X	do.	I. W. T. Co.
Bremerton.....	WSZ	300, 600.....	PG-X	do.	
Brevard.....	KEPJ	300, 600.....	PG-X	do.	
Briarcliffe.....	KEPK	300, 600.....	PG-X	do.	
Bridgetown.....	KUCZ	300, 450, 600, 706	PG-X	Columbian S. S. Co.	Do.
Brilliant.....	KTI	300, 450, 600.	PG-X	Standard Transp. Co.	R. C. A.
Brindilla.....	KTZ	300, 450, 600.	PG-X	Standard Oil Co. of N. J.	
Bristol.....	KEGC	300, 450, 600.	PG-X	Coastwise Transp. Corp.	Do.

¹ Portable set placed on board vessels during trial trip.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Broad Arrow.....	KSY	300,450,800..	PG-X	Standard Transp. Co.....	R. C. A.
Brookton.....	KNH	300,800.....	PG-N	Colonial Navigation Co.....	
Brookdale.....	WNUO	300,800,706..	PG-X	Crosby Marine Corp.....	S. O. R. S.
Brookings.....	WFOA	300,450,800..	PG-X	California & Oregon Lumber Co.	Owner of vessel.
Brookline.....	KURT	300,800.....	PG-X	U. S. S. B.....	
Brynhiida.....	KIO	300,450,800..	PG-X	Cosmopolitan Shipping Co.....	
Buffalo Bridge.....	KIZF	300,800.....	PG-X	U. S. S. B.....	
Buford.....	KFIJ	300,800.....		Fred Linderman.....	
Burnwell.....	KIMS	300,800.....	PG-X	U. S. S. B.....	R. C. A.
Buttarcup.....	KIJT	300,800.....	PG-X	do.....	
Butterfield.....	KIJS	300,450,800,706	PG-X	Newway Tug Line.....	
Bylaly.....	KSOU	300,450,800..	PG-X	Pocahontas S. S. Co.....	Do.
Byron D. Benson.....	KDWN	300,450,800..	PG-X	Tidewater Oil Co.....	Do.
Cabegon.....	KEJQ	300,800.....	PG-N	U. S. S. B.....	
Cabrille.....	KENS	300,450,800..	PG-X	do.....	
Cabrillo.....	WBV	300,800.....	PG-X	Wilmington Transp. Co.....	Do.
C. A. Canfield.....	WIH	300,450,800..	PG-X	Pan-American Petroleum & Transport Co.	Do.
Cacique.....	WBE	300,450,800,706	PG-X	Grace S. S. Co.....	Do.
Cadaretta.....	WLOO	300,800.....	PG-X	U. S. S. B.....	
Caddo.....	KSK	300,450,800..	PG-X	Standard Oil Co. of N. J.....	Do.
Caddopeak.....	WPUE	300,800.....	PG-X	U. S. S. B.....	
Caesar.....	KFLA	300,800,706..	PG-X	Coastwise S. S. & Barge Co.....	I. W. T. Co.
Calamares.....	KLC	300,450,800..	PG-N	United Fruit Corp.....	T. R. T. Co.
Calaveras.....	KXIE	300,450,800..	PG-X	U. S. S. B.....	
Calawall.....	KFDT	300,800,1800	PG-N	Los Angeles S. S. Co.....	F. T. Co.
Calcite.....	KDZN	300,450,800..	PG-X	Calcite Transp. Co.....	Owner of vessel.
Calicorock.....	KXII	300,800.....	PG-X	U. S. S. B.....	
Californian.....	KDYD	300,450,800,1800	PG-X	American-Hawaiian S. S. Co.	United American Lines.
Calispell.....	KXIO	300,800.....	PG-X	U. S. S. B.....	
Callabahas.....	WPUI	300,450,800..	PG-X	Callabahas S. S. Corp.....	
Callao.....	WHF	300,800.....	PG-X	J. H. Mahony.....	Owner of vessel.
Caino.....	KINV	300,800.....	PG-X	U. S. S. B.....	
Caloria.....	KSP	300,450,800..	PG-X	Vaccaro Bros. & Co.....	R. C. A.
Calvert.....	WPUI	300,800.....	PG-X	U. S. S. B.....	
Calvin Austin.....	KRN	300,450,800,706	PG-N	Eastern S. S. Lines.....	Do.
Camaguey.....	KWI	300,450,800..	PG-X	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Cambridge.....	KGR	300,800.....	PG-N	New York & New Orleans S. S. Co.	R. C. A.
Cambridge.....	KIRR	300,800.....	PG-X	U. S. S. B.....	
Camden.....	KDKL	300,800,1800	PG-X	United Fruit Tanker Corp.....	T. R. T. Co.
Camden.....	KRC	300,800,706..	PG-X	Eastern S. S. Lines.....	R. C. A.
Cananova.....	KDBN	300,450,800..	PG-X	Cananova S. S. Corp.....	I. W. T. Co.
Canco.....	KUTP	300,800.....	P-X	American Can Co.....	Owner of vessel.
Canibas.....	WQEU	300,450,800..	PG-X	Matson Navigation Co.....	R. C. A.
Canoga.....	WKZ	300,800.....	PG-X	U. S. S. B.....	
Cansumset.....	KIQD	300,800.....	PG-X	do.....	
Cape Ann.....	KDCB	300,450,800,706	PG-X	Cape S. S. Co.....	Do.
Cape Cod.....	KUJZ	300,450,800..	PG-X	do.....	Do.
Cape Henry.....	KMIE	300,800,1800	PG-X	U. S. S. B.....	S. O. R. S.
Cape May.....	WDOI	300,450,800,706	PG-N	do.....	I. W. T. Co.
Cape Romain.....	KREA	300,800.....	PG-X	do.....	Do.
Capillo.....	KUPN	300,450,800..	PG-X	do.....	R. C. A.
Capital of Nebraska.....	KUSF	300,450,800..	PG-X	do.....	
Captain A. F. Lucas.....	WTV	300,450,800,706	PG-X	Standard Oil Co. of Calif.....	Do.
Capulin.....	KUZR	300,450,800..	PG-X	U. S. S. B.....	Do.
Caracas.....	KDB	300,450,800,706	PG-N	Atlantic & Caribbean Steam Navigation Co.	Do.
Cardonia.....	KUVV	300,450,800..	PG-X	U. S. S. B.....	S. O. R. S.
Careno.....	KDDM	300,450,800..	PG-X	do.....	R. C. A.
Carib.....	KJIU	300,800.....	PG-X	New York & Porto Rico S. S. Co.	
Carib.....	KUZZ	300,800.....	PG-X	George F. Silva.....	Owner of vessel.
Caribbean.....	KGUE	300.....	P-X	Panama Canal.....	Do.
Carl D. Bradley.....	WGN	300,800,706,909	PG & PR-X	Bradley Transp. Co.....	R. C. A.
Carlton.....	KDDK	300,450,800..	PG-X	U. S. S. B.....	I. W. T. Co.
Carolina.....	WFE	300,800.....	PG-N	Goodrich Transit Co.....	R. C. A.
Carolinas.....	KULB	300,450,800..	PG-X	Carolina S. S. Corp.....	Do.
Carolinian.....	KJF	300,450,800..	PG-X	Garland S. S. Corp.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Carolyn.....	KZG	300,600.....	PG-X	A. H. Bull S. S. Co.....	I. W. T. Co.
Carolyn Frances...	KFHO	300,600,706..	PG-X	Western Whaling & Trading Co.	R. C. A.
Carplaka.....	KDES	300,450,600..	PG-X	U. S. S. B.....	I. W. T. Co.
Carrabulle.....	KDER	300,450,600,706	PG-X	Cuba Distilling Co.....	R. C. A.
Carrillo.....	KDE	300,600,706..	PG-N	United Fruit S. S. Corp.....	T. R. T. Co.
Cartago.....	KDD	300,600.....	PG-N	do.....	Do.
Cascade.....	KDIS	300,600.....	PG-X	E. K. Wood Lumber Co.....	R. C. A.
Cascade.....	WPUO	300,600.....	PG-N	U. S. S. B.....	I. W. T. Co.
Casey.....	KOQJ	300,450,600..	PG-X	do.....	Do.
Casiana.....	KYE	300,450,600..	PG-X	Edward L. Doheny.....	R. C. A.
C. A. Smith.....	WEL	300,600.....	PG-X	Pacific States Lumber Co.....	Owner of vessel.
C. A. Snider.....	KRR	300,450,600..	PG-X	Union Sulphur Co.....	S. O. R. S.
Caspir.....	KIRX	300,450,600..	PG-X	U. S. S. B.....	R. C. A.
Cassimir.....	KDDZ	300,450,600,706	PG-X	Curtis Bay Copper & Iron Works.	Do.
Castana.....	KDFF	300,450,600,706	PG-X	U. S. S. B.....	I. W. T. Co.
Castle Point.....	KESD	300,450,600,706	PG-X	Chas. R. McCormick S. S. Co..	Do.
Castle Town.....	KOF	300,450,600..	PG-X	do.....	Do.
Castle Wood.....	KEKQ	300,600.....	PG-X	U. S. S. B.....	Do.
Catahoula.....	KDFG	300,600,706..	PG-X	Curtis Bay Copper & Iron Works.	R. C. A.
Catherine.....	KTOI	300,450,600..	PG-X	Bull-Insular S. S. Co.....	I. W. T. Co.
Catherine D.....	KMAI	300,450,600..	PG-N	Pacific American Fisheries.....	S. O. R. S.
Cathlamet.....	KOLP	300,450,600..	PG-X	U. S. S. B.....	Do.
Cathwood.....	KURC	300,600.....	PG-X	Union Oil Co.....	Owner of vessel.
Cauto.....	KWF	300,600.....	PG-X	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Cayo Mambi.....	KUZZ	300,600,706..	PG-X	Cayo Mambi S. S. Corp.....	Do.
Cayuga.....	KDJQ	300,600.....	PG-X	Independent S. S. Co.....	Do.
Cebu.....	KDOC	300,600.....	PG-X	Compani Maritima.....	Do.
Cecl County.....	KERZ	300,450,600..	PG-X	U. S. S. B.....	R. C. A.
Cedarhurst.....	KDIQ	300,450,600..	PG-X	American-Italian S. S. Co.....	I. W. T. Co.
Cedar Spring.....	WTEE	300,450,600..	PG-X	U. S. S. B.....	Do.
Celio.....	WMF	300,600.....	PG-N	Chas. R. McCormick S. S. Co..	Owner of vessel.
Centaurus.....	KOPZ	300,450,600,706	PG-X	Planet S. S. Corp.....	R. C. A.
Centurion.....	KDVZ	300,450,600..	PG-X	Buffalo Bayou Co.....	Owner of vessel.
Ceralvo.....	WTEI	300,450,600..	PG-X	U. S. S. B.....	Do.
Cerosco.....	WTEO	300,450,600..	PG-X	do.....	Do.
Cerro-Azul.....	KDQY	300,450,600..	PG-X	Pan-American Petroleum & Transp. Co.	R. C. A.
Cerro-Ebano.....	KDQS	300,450,600..	PG-X	do.....	Do.
Cerro Gardo.....	KEFK	300,450,600..	PG-X	U. S. S. B.....	Do.
Cethana.....	KORG	300,600.....	PG-X	Ocean Motorship Co.....	S. O. R. S.
Challamba.....	KORJ	300,450,600..	PG-X	do.....	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	300,450,600..	PG-X	U. S. S. B.....	Do.
Chamblee.....	KEGG	300,600.....	PG-X	do.....	Do.
Champlain.....	KFCR	300,600.....	PG	do.....	Do.
Chantier.....	KEGK	300,600.....	PG-X	U. S. S. B.....	Do.
Chaparel.....	KEGJ	300,600.....	PG-X	do.....	Do.
Chappaqua.....	KURF	300,450,600..	PG-X	do.....	Do.
Chappell.....	KEVS	300,600.....	PG-X	do.....	Do.
Charles E. Harwood.....	WID	300,450,600..	PG-X	Pan-American Petroleum & Transp. Co.	R. C. A.
Charles H. Cramp.....	KDHH	300,600,1800.	PG-X	Nautilus S. S. Corp.....	S. O. R. S.
Charles L. Hutchinson.....	WMIU	300,600.....	PG-X	Pioneer S. S. Co.....	R. C. A.
Charles L. O'Connor.....	WMEA	300,600.....	PG-X	M. & J. Tracy.....	Do.
Charles M. Everest.....	WPOU	300,450,600,706	PG-X	Vacuum Oil Co.....	Do.
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.
Charles R. McCormick.....	KDBZ	300,450,600..	PG-X	McCormick Intercoastal S. S. Co.	I. W. T. Co.
Charlie Watson.....	KDLA	300,600.....	PG-X	Standard Oil Co. of Calif.....	R. C. A.
Charlot.....	WMIU	300,600.....	PG-X	U. S. S. B.....	Do.
Charlot Hall.....	KLU	300,600.....	PG-X	U. S. Steel Products Co.....	Do.
Chattanooga.....	KIDN	300,450,600..	PG-X	U. S. S. B.....	Do.
Chattanooga City.....	KDUW	300,450,600..	PG-X	U. S. Steel Products Co.....	Do.
Chautauqua.....	KJFK	300,600.....	PG-X	U. S. S. B.....	Do.
Chebanlip.....	KJAA	300,450,600..	PG-X	do.....	Do.
Chepadoa.....	KOFL	300,600.....	PG-X	do.....	Do.
Chester Kiwanis.....	KDBP	300,450,600..	PG-X	do.....	Do.
Chester Sun.....	WAS	300,450,600..	PG-X	Sun Oil Co.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Chester Valley.....	KOST	300, 450, 600.	PG-X	U. S. S. B.....	S. O. R. S.
Chester W. Chapin	KXQ	300, 450, 600.	PG-N	New England S. S. Co.....	I. W. T. Co.
Chestnut Hill.....	KVG	300, 600.	PG-X	U. S. S. B.....	
Chetopa.....	KDJ	300, 450, 600.	PG-X	do.....	
Chicago.....	WAC	300, 600.	PG-X	Booth Fisheries Co.....	S. O. R. S.
Chicago Bridge.....	KECG	300, 600.	PG-X	U. S. S. B.....	
Chickamauga.....	KULC	300, 450, 600.	PG-X	do.....	
Chickasaw.....	KOJR	300, 450, 600.	PG-X	do.....	I. W. T. Co.
Chickasaw City.....	KUNZ	300, 450, 600.	PG-X	U. S. Steel Products Co.....	R. C. A.
Chicomico.....	KOLS	300, 450, 600.	PG-X	U. S. S. B.....	
Chilkat.....	KFEN	300, 600.	PG-X	Alaska Packers Assn.....	Owner of vessel.
Chillicothe.....	KFA X	300, 450, 600.	PG-X	Columbia River Packers Assn.....	Do.
Chilore.....	KFTW	300, 600, 706.	PG-X	Guaranty Trust Co. of N. Y. (trustee).	R. C. A.
China.....	WVA	300, 450, 600.	PG-N	China Mail S. S. Corp.....	
China Arrow.....	KD GW	300, 450, 600.	PG-X	Standard Transpn. Co.....	Do.
Chinampa.....	KFDM	300, 450, 600.	PG-X	Standard Oil Co. of N. J.....	Do.
Chincha.....	KJZ	300, 460, 600, 706	PG-X	Planet S. S. Line.....	Do.
Chipchung.....	WBIA	300, 600.	PG-X	U. S. S. B.....	
Chippewa.....	KDJS	300, 600.	PG-X	Independent S. S. Co.....	Owner of vessel.
Christopher Columbus.	WFJ	300, 600.	PG-X	Goodrich Transit Co.....	R. C. A.
Circinus.....	KOPK	300, 450, 600, 706	PG-X	Planet S. S. Corp.....	Do.
City of Alma.....	KUBP	300, 450, 600.	PG-X	U. S. S. B.....	
City of Alton.....	KONZ	300, 450, 600.	PG-X	do.....	S. O. R. S.
City of Atlanta.....	KFB	300, 450, 600.	PG-N	Ocean S. S. Co.....	R. C. A.
City of Augusta.....	KFJ	300, 450, 600.	PG-N	do.....	Do.
City of Bangor.....	KRH	300, 600, 706.	PG-X	Eastern S. S. Lines.....	Do.
City of Benton Harbor.	WDV	300, 600.	PG-X	Graham & Morton Transpn. Co.	Do.
City of Berkeley.....	KOZQ	300, 600.	PG-X	U. S. S. B.....	
City of Brockton.....	KXO	300, 600.	PG-X	New England S. S. Co.....	
City of Buffalo.....	WFQ	300, 600.	PG-X	Cleve. & Buffalo Transit Co.....	Do.
City of Cleveland II.	WEA...	300, 450, 600.	PG-N	Detroit & Cleve. Nav. Co.....	Do.
City of Columbus.....	KFA	300, 450, 600, 706	PG-N	Ocean S. S. Co.....	Do.
City of Dalhart.....	KDNP	300, 450, 600.	PG-X	U. S. S. B.....	
City of Detroit II.	WEC	300, 450, 600.	PG-X	Detroit & Cleve. Nav. Co.....	Do.
City of Detroit III.	WEF	300, 450, 600.	PG-N	do.....	Do.
City of Elwood.....	KDMV	300, 450, 600.	PG-X	U. S. S. B.....	
City of Erie.....	WFP	300, 600.	PG-X	Cleve. & Buffalo Transit Co.....	Do.
City of Eureka.....	KEFT	300, 450, 600.	PG-X	U. S. S. B.....	I. W. T. Co.
City of Everett.....	KTQ	300, 600.	PG-X	Abram I. Kaplan.....	
City of Fairbury.....	KISR	300, 450, 600.	PG-X	U. S. S. B.....	R. C. A.
City of Flint.....	KUCV	300, 450, 600.	PG-X	do.....	Do.
City of Fort Worth.	KDAW	300, 600.	PG-X	do.....	
City of Freeport.....	KESV	300, 450, 600.	PG-X	Steamer Freeport Corp.....	Do.
City of Grand Rapids.	KFIS	300, 600.	PG-X	Graham & Morton Transpn. Co.	Do.
City of Holland.....	KFES	300, 600.	PG-X	do.....	Do.
City of Houston.....	KONS	300, 450, 600.	PG-X	Southern S. S. Co.....	
City of Joliet.....	KUJR	300, 600.	PG-X	U. S. S. B.....	
City of Lordsburg.	KUTK	300, 600.	PG-X	do.....	
City of Los Angeles	KOZC	300, 450, 600, 1800	PG-N	do.....	Do.
City of Lowell.....	KXB	300, 530, 600.	PG-X	New England S. S. Co.....	I. W. T. Co.
City of Montgomery.	KFY	300, 450, 600, 706	PG-N	Ocean S. S. Co.....	R. C. A.
City of Omaha.....	KOZB	300, 600.	PG-X	U. S. S. B.....	
City of Philadelphia.	KONT	300, 450, 600.	PG-X	Southern S. S. Co.....	
City of Pueblo.....	WGQ	300, 600.	PG-N	City of Pueblo Corp.....	
City of Rayville.....	KDGS	300, 450, 600.	PG-X	U. S. S. B.....	
City of Reno.....	KUSK	300, 450, 600.	PG-X	do.....	I. W. T. Co.
City of Rockland.....	KRI	300, 600, 706.	PG-X	Eastern S. S. Lines.....	R. C. A.
City of Rome.....	KQZ	300, 450, 600, 706	PG-N	Ocean S. S. Co.....	Do.
City of Saugatuck.	KFET	300, 600.	PG-X	Graham & Morton Transpn. Line.	Do.
City of Savannah.....	KFK	300, 450, 600.	PG-N	Ocean S. S. Co.....	Do.
City of Seattle.....	WGA.	300, 600.	PG-N	Miami S. S. Co.....	Do.
City of Sherman.....	KUCS	300, 600.	PG-X	U. S. S. B.....	
City of Spokane.....	KILL	300, 450, 600.	PG-X	do.....	I. W. T. Co.
City of St. Ignace.	WEG	300, 450, 600.	PG-X	Detroit & Cleve. Nav. Co.....	R. C. A.
City of St. Joseph.	KFIT	300, 600.			
City of St. Joseph.	KOSM	300, 450, 600, 706	PG-X	U. S. S. B.....	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
City of St. Louis...	KFX	300,450,600, 706	PG-N	Ocean S. S. Co.....	R. C. A.
City of Sydney....	KKEI	300,600.....	PG-X	L. A. Pederson.....	Owner of vessel.
City of Taunton....	KXL	300,550,600...	PG-N	New England S. S. Co.....	
City of Vernon....	KUN8	300,450,600...	PG-X	U. S. S. B.....	
City of Weatherford.	KUVC	300,450,600...	PG-X	do.....	R. C. A.
Clairton.....	KIKR	300,600.....	PG-X	do.....	Do.
Clare.....	KNE	300,450,600...	PG-X	A. H. Bull S. S. Co.....	I. W. T. Co.
Claremont.....	KUBD	300,600.....	PG-X	Hart-Wood Lumber Co.....	Owner of vessel.
Clark Mills.....	KOCQ	300,600.....	PG-X	U. S. S. B.....	
Clauseus.....	KOQB	300,450,600...	PG-X	Planet S. S. Corp.....	R. C. A.
Clavarack.....	KOLL	300,450,600...	PG-X	U. S. S. B.....	Do.
Clearwater.....	KUGD	300,450,600...	PG-X	do.....	Do.
Clemence C. Morse.	KUGG	300,600.....	PG-X	do.....	
Clemens A. Reiss..	WNH	300,600.....	PG-X	Reiss S. S. Co.....	Do.
Clement Smith....	KDGO	300,600.....	PG-X	Oil Transport Co.....	Do.
Cletus Schneider..	KMEO	300,600.....	PG-X	Paisley S. S. Co.....	Owner of vessel.
Clifford F. Moll... Cliffwood.....	KDWA KORX	300,600 300,450,600...	PG-X PG-X	American S. S. Co..... U. S. S. B.....	Do. R. C. A.
Clincho.....	KENX	300,600.....	PG-X	Clinchfield Nav. Co.....	Do.
Clontarf.....	KUDP	300,450,600...	PG-X	U. S. S. B.....	Do.
Coahoma County..	KOMP	300,450,600...	PG-X	do.....	S. O. R. S.
Coalinga.....	WOT	300,600,1800	PG-X	Union S. S. Co.....	F. T. Co.
Coastwise.....	KUZ	300,450,600...	PG-X	Coastwise Transpn. Co.....	R. C. A.
Coaxet.....	WPUU	300,450,600...	PG-X	U. S. S. B.....	S. O. R. S.
Cockaponset.....	KOFN	300,600.....	PG-X	do.....	Do.
Cody.....	KDEX	300,450,600...	PG-X	do.....	Do.
Coaleda.....	KOVV	300,600.....	PG-X	do.....	R. C. A.
Coeur D'Alene....	KOVT	300,450,600...	PG-X	do.....	I. W. T. Co.
Cohasset.....	WJUI	300,450,600...	PG-X	do.....	
Cokato.....	WMUE	300,600.....	PG-X	do.....	
Cokesit.....	WQUA	300,450,600...	PG-X	do.....	Do.
Coldbrook.....	KOQK	300,450,600...	PG-X	do.....	R. C. A.
Cold Harbor.....	KUBB	300,450,600...	PG-X	do.....	
Cold Spring.....	KIQK	300,450,600...	PG-X	do.....	
Coldwater.....	KUCX	300,450,600...	PG-X	do.....	S. O. R. S.
Col. E. L. Drake... Colin H. Livingstone.	WTS KDIN	300,450,600...	PG-X PG-X	Standard Oil Co. of Calif. U. S. S. B.....	R. C. A.
Collamer.....	KOZZ	300,600,706...	PG-X	do.....	Do.
Collingsworth....	KUKX	300,450,600...	PG-X	do.....	S. O. R. S.
Colombia.....	WBH	300,600,1800	PG-N	Pacific Mail S. S. Co.....	F. T. Co.
Colon.....	KMX	300,450,600...	PG-N	Panama R. R. Co.....	Owner of vessel.
Colonial.....	KDTK	300,600.....	PG-X	Western Reserve Transpn. Co.....	R. C. A.
Colorado Springs..	KILK	300,450,600...	PG-X	U. S. S. B.....	I. W. T. Co.
Columbia.....	WHC	300,450,600...	PG-X	Thomas Crowley.....	Do.
Colusa.....	WIN	300,600.....	PG-X	Grace S. S. Co.....	R. C. A.
Comal.....	KEM	300,600,706...	PG-N	Mallory S. S. Co.....	I. W. T. Co.
Comanche.....	KVC	300,450,600, 706	PG-N	Clyde S. S. Co.....	Do.
Comet.....	KTJ	300,450,600, 706	PG-X	Standard Transpn. Co.....	R. C. A.
Commack.....	KULT	300,450,600...	PG-X	U. S. S. B.....	I. W. T. Co.
Commercial Guide.	WJO	300,450,600...	PG-X	Nyanza S. S. Co.....	R. C. A.
Commercial Pathfinder.	WJU	300,450,600...	PG-X	Osage S. S. Co.....	Do.
Commercial Scout.	KFBT	300,600.....	PG-X	Commercial Scout S. S. Co.....	
Commercial Spirit.	KDEQ	300,600.....	PG-X	Commercial Spirit S. S. Co.....	Do.
Commercial Trader	WMZ	300,600.....	PG-X	Honolulu S. S. Co.....	Do.
Commercial Traveler.	KDDA	300,450,600...	PR-X	Commercial Traveler S. S. Co.....	Do.
Commissioner.....	KOGZ	300,600.....	PG-X	Merritt & Chapman Derrick & Wrecking Co.....	
Commonwealth....	KXC	300,450,600...	PG-X	New England S. S. Co.....	I. W. T. Co.
Comus.....	KKD	300,600,706...	PG-N	Southern Pacific Co.....	Owner of vessel.
Concho.....	KEC	300,600.....	PG-N	Mallory S. S. Co.....	I. W. T. Co.
Concord.....	KNC	300,600.....	PG-N	Colonial Navigation Co.....	R. C. A.
Conehatta.....	KUQQ	300,450,600, 706	PG-X	U. S. S. B.....	Do.
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.....	
Conness Peak.....	KUPL	300,450,600...	PG-X	do.....	Do.
Conotton.....	WVAO	300,600.....	PG-X	do.....	
Consort.....	KDOI	300,450,600...	PG-X	do.....	
Continental Bridge	KOCP	300,600.....	PG-X	do.....	
Contocook.....	WVAU	300,600.....	PG-X	do.....	
Cook.....	KOFX	300,450,600...	PG-X	do.....	
Coosa.....	WLF	300,450,600...	PG-X	do.....	
Copalgrove.....	KEFJ	300,600.....	PG-X	do.....	

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Coperas	WTEU	300,600	PG-X	U. S. S. B.	
Coppenname	KDF	300,600	PG-N	United Fruit S. S. Corp.	T. R. T. Co.
Coquina	WVAA	300,600	PG-X	U. S. S. B.	
Coquitt	KOFZ	300,600	PG-X	do.	
Cora F. Cressy	KSZ	300,450,800	PG-X	A. W. Frost	
Corapeak	WVAE	300,600	PG-X	U. S. S. B.	
Cordova	WAR	300,600,706	PG-X	Alaska S. S. Co.	S. O. R. S.
Corinto	KOQV	300,600	PG-X	Pacific Mail S. S. Co.	
Cornelia	KZD	300,600	PG-X	Bull Insular S. S. Co.	I. W. T. Co.
Corning	KIH	300,450,800	PG-X	Standard Oil Co. of N. J.	R. C. A.
Cornucopia	WNIU	300,600	PG-X	U. S. S. B.	
Coronado	WFZ	300,450,800	PG-X	do.	
Corrales	WPJE	300,600	PG-X	do.	S. O. R. S.
Corsair	KYC	300,450,600,706	PG-X	J. P. Morgan	Owner of vessel.
Corsicana	WPII	300,600	PG-X	U. S. S. B.	
Corson	KIQV	300,450,800	PG-X	do.	R. C. A.
Corvus	KOPL	300,450,800,706	PG-X	Planet S. S. Corp.	Do.
Coskata	KOMZ	300,450,800	PG-X	U. S. S. B.	
Costa Rica	WQI	300,600	PG-X	L. A. Pedersen	Owner of vessel.
Costigan	KINF	300,600	PG-X	U. S. S. B.	
Cotati	KIQF	300,600	PG-X	do.	
Cotopaxi	WMEI	300,600	PG-X	Clinchfield Navigation Co.	R. C. A.
Cottonwood	WMEU	300,600	PG-X	James Davidson	
Coulee	WTOU	300,450,600	PG-X	do.	
Courageous	WVUA	300,600	PG-X	U. S. S. B.	
Covalt	KEMM	300,600	PG-X	Morton Salt Co.	
Covens	KEMP	300,450,600	PG-X	Hammond Lumber Co.	
Craftsman	KIBR	300,600	PG-X	M. J. Dady Eng. & Cont. Co.	
Craigsmere	WXOO	300,450,800	PG-X	Morton Salt Co.	
Craincreek	WNAH	300,600	PG-X	U. S. S. B.	
Crampton Anderson	KDOH	300,450,800	PG-X	Pan-American Pet. & Transp. Co.	Do.
Cranenest	WNAE	300,450,800	PG-X	U. S. S. B.	
Cranford	KOLX	300,450,600	PG-X	do.	
Craster Hall	KLK	300,450,600	PG-X	U. S. Steel Products Co.	Do.
Crathorne	W8OO	300,600	PG-X	U. S. S. B.	
Crawl Keys	WDEI	300,600	PG-X	do.	
Craycroft	WNAI	300,600	PG-X	do.	
Creole	KKR	300,600,706	PG-N	Southern Pacific Co.	Owner of vessel.
Cretan	KQC	300,450,600,706	PG-N	Merchants & Miners' Transp. Co.	I. W. T. Co.
Cricket	WSEI	300,450,600	PG-X	Fred Linderman	S. O. R. S.
Cripple Creek	KOJL	300,450,600	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	
Cristobal	KMD	300,450,600	PG-N	Panama R. R. Co.	Owner of vessel.
Crofton Hall	KLR	300,450,600	PG-X	U. S. Steel Products Co.	R. C. A.
Cross Keys	KOTD	300,450,600	PG-X	U. S. S. B.	I. W. T. Co.
Crown City	KUSP	300,450,800	PG-X	do.	S. O. R. S.
Cuba	KDLK	300,450,600	PG-N	Steamship Cuba, Inc.	R. C. A.
Cuba	KDRT	300,450,600	PG-N	Peninsular & Occidental S. S. Co.	Do.
Cuba	WQU	300,600	PG-N	Pacific Mail S. S. Co.	F. T. Co.
Cubore	KUPP	300,450,600	PG-X	Guaranty Trust Co.	R. C. A.
Culberston	KDDV	300,600,1800	PG-X	U. S. S. B.	
Culburra	KOZR	300,450,600	PG-X	Ocean Motorship Co.	Owner of vessel.
Cuprum	KDIJ	300,600,1800	PG-X	U. S. S. B.	S. O. R. S.
Curacao	WGK	300,600	PG-N	Pacific S. S. Co.	R. C. A.
Currier	KNU	300,450,600	PG-X	Gulf Refining Co.	I. W. T. Co.
Cushnet	KONB	300,600	PG-X	U. S. S. B.	
Cushnoc	KIMJ	300,450,800	PG-X	do.	
Custodian	KIVZ	300,600	PG-X	Pringle Barge Line Co.	
Cuttyhunk	KONC	300,600	PG-X	U. S. S. B.	
Cuyamaca	KUXD	300,450,600	PG-X	do.	
Dade County	KIJZ	300,600	PG-X	do.	
Dakotan	WKD	300,450,600	PG-X	American-Hawaiian S. S. Co.	United American Lines.
Dallas	KEQB	300,450,600	PG-X	U. S. S. B.	R. C. A.
Damacan	KELS	300,600	PG-X	do.	
Dan F. Hanlon	KDKU	300,600	PG-X	D. J. Hanlon	
Daniel Kern	KDXG	300,450,600	PG-X	Independent Towing Co.	Owner of vessel.
Daniel Webster	KOKM	300,450,600	PG-X	U. S. S. B.	
Dannedaik	KOPD	300,450,600	PG-X	do.	R. C. A.
Darden	KUPK	300,600	PG	U. S. Mex. Oil Corp.	S. O. R. S.
Darlen	KULG	300,600	PG-X	Panama Canal	Owner of vessel.
Dartford	KDAV	300,600	PG-X	U. S. Mex. Oil Corp.	S. O. R. S.
Dauntless	KYR	300,600	PG-X	Herbert W. Hanan	
Dauperata	KIZJ	300,600	PG-X	U. S. S. B.	

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Davenport.....	KUDR	300,600.....	PG-X	U. S. S. B.	
Davidson County..	KINX	300,600.....	PG-X	.....do.....	
David McKelvy..	KDTD	300,600.....	PG-X	Tidewater Oil Co.	R. C. A.
Dawn.....	KDZH	300,600.....	PG-X	William T. Donnelly	Do.
Dawnlite.....	KPP	300,450,600..	PG-X	Standard Oil Co. of N. J.	Do.
Daylite.....	KPR	300,450,600..	PG-X	.....do.....	Do.
Dean Emery.....	KOFG	300,450,600..	PG-X	Pan-American Pet. & Transp. Co.	Do.
De Bardeleben...	KIZD	300,450,600..	PG-X	W. G. Coyle & Co.	Do.
Decatur Bridge...	KECJ	300,450,600..	PG-X	U. S. S. B.	
Deepwater.....	KLY	300,450,600..	PG-X	Castner, Curren & Bullitt	
Deerfield.....	WTIU	300,600.....	PG-X	Elder Steel S. S. Co.	
Deer Lodge.....	KIMD	300,450,600..	PG-X	U. S. S. B.	S. O. R. S.
Defiance.....	WSEA	300,600.....	PG-X	.....do.....	
Delanson.....	KOTX	300,450,600..	PG-X	.....do.....	
Delavan.....	KIRQ	300,450,600..	PG-X	.....do.....	
Delaware Sun....	KDWQ	300,450,600..	PG-X	Sun Oil Co.	R. C. A.
Delcote.....	KYT	300,450,600, 706	PG-X	American Sugar Transit Corp.	Do.
Delfina.....	KIVS	300,450,600..	PG-X	Baltimore S. S. Co.	Do.
Delight.....	KQOE	300,600.....	PG-X	U. S. S. B.	
Delisle.....	KIVT	300,600,1800.	PG-X	Baltimore S. S. Co.	Do.
Delivory No. 5...	KDCD	300,600.....	PG-X	Standard Transp. Co.	Do.
Delphine.....	KDRR	300,450,600..	PG-N	Anna T. Dodge	Do.
Delrosa.....	KUTG	300,600.....	PG-X	U. S. S. B.	S. O. R. S.
Democracy.....	WAQ	300,600.....	PG-N	.....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.....	
Derbyllne.....	KIRT	300,450,600..	PG-X	Texas Co.	Do.
Deroche.....	KOBJ	300,450,600..	PG-X	Union Oil Co.	R. C. A.
Des Moines Bridge	KUCG	300,600.....	PG-X	U. S. S. B.	
De Sota.....	KFFT	300,600.....	PG-X	Standard Oil Co. of N. J.	Do.
Detroit-Wayne...	KONX	300,600.....	PG-X	U. S. S. B.	
Deuel.....	KOMD	300,450,600..	PG-X	.....do.....	S. O. R. S.
Devolente.....	KIVR	300,600.....	PG-X	Beacon Oil Co.	I. W. T. Co.
Dewey.....	KODT	300,600.....	PG-X	U. S. S. B.	
D. F. McAllister..	KEJT	300,450,600..	PG-X	Daniel F. McAllister	Do.
D. G. Scofield....	WRD	300,450,600, 1800	PG-X	Standard Oil Co. of Calif.	R. C. A.
Diablo.....	KEPD	300,600.....	PG-X	U. S. S. B.	
Diana Dollar.....	KDWX	300,450,600..	PG-X	Dollar S. S. Line	Do.
Dickenson.....	KFHG	300,600.....	PG-X	Commercial Pacific Cable Co.	Do.
Dillwyn.....	KODX	300,450,600, 706	PG-X	Malston Co.	I. W. T. Co.
Dilworth.....	KOVJ	300,450,600..	PG-X	U. S. S. B.	S. O. R. S.
Dinsmore.....	KDKN	300,600.....	PG-X	.....do.....	
Dlo.....	WNEO	300,450,600..	PG-X	.....do.....	I. W. T. Co.
Director.....	KIGJ	300,450,600..	PG-X	Southgate Export Coal Co.	Do.
Dirigo.....	KEGM	300,450,600..	PG-X	Texas Co.	Do.
District of Colum- bia.....	KDMZ	300,600,1800	PG-X	U. S. S. B.	S. O. R. S.
Dix.....	KFEM	300,450,600..	PG-X	Robert Dollar Co.	R. C. A.
Dixiano.....	KDSP	300,450,600..	PG-X	American Sugar Transit Corp.	Do.
Dixie Arrow.....	KDVT	300,600.....	PG-X	Standard Transp. Co.	Do.
Dochet.....	KIMR	300,450,600..	PG-X	U. S. S. B.	S. O. R. S.
Dochra.....	KGL	300,450,600, 706	PG-X	La Plata S. S. Co.	R. C. A.
Dolly C.....	KFAL	300,450,600..	PG-X	Cary Davis Tug & Barge Co.	Owner of vessel.
Dolphin.....	KDYZ	300,450,600..	PG-X	Mortimer L. Schiff	R. C. A.
Domino.....	KIZB	300,450,600..	PG-X	American Sugar Transit Corp.	R. C. A.
Donald McKay....	KULL	300,600.....	PG-X	U. S. S. B.	
Donna Lane.....	KDGN	300,600.....	PG-X	Donna Lane Motorship Corp.	Owner of vessel.
Dorchester.....	KQD	300,450,600..	PG-N	Merchants & Miners Transp. Co.	I. W. T. Co.
Dorothy Alexan- der.....	WGP	300,600.....	PG-N	Pacific S. S. Co.	R. C. A.
Dorothy Bradford	KNA	300,600.....	PR-X	Cape Cod S. S. Co.	Owner of vessel.
Dorothy Lucken- bach.....	KIJL	300,450,600, 706	PG-X	Luckenbach S. S. Co.	S. O. R. S.
Doylestown.....	KIPG	300,600.....	PG-X	U. S. S. B.	Do.
Dryden.....	KORK	300,600,1800	PG-X	.....do.....	Do.
Dulcino.....	KTV	300,450,600..	PG-X	American Sugar Transit Corp.	R. C. A.
Dungannon.....	KUZV	300,450,600..	PG-X	Texas Co.	I. W. T. Co.
Dunmore.....	KITV	300,450,600..	PG-X	P. Dougherty	
Dunsyre.....	KUMF	300,600.....	PG-X	James Botts	Owner of vessel.
Duquesne.....	KECS	300,450,600..	PG-X	U. S. S. B.	S. O. R. S.
Durango.....	KDBT	300,600,1800	PG-X	Malston Co.	I. W. T. Co.
Durham.....	KDNL	300,450,600..	PG-X	France & Canada Oil Transp. Co.	

COMMERCIAL SEIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Con.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Eagle.....	KDBF	300, 600.	PG-X	William K. Vanderbilt, jr.....	Owner of vessel.
Eagle.....	KIR	300, 450, 600.	PG-X	Standard Transp. Co.....	R. C. A.
E. A. Morse.....	KOVN	300, 600.	PG-X	U. S. S. B.....	do.
East Cape.....	KENC	300, 450, 600.	PG-X	do.....	do.
East Chicago.....	KUKD	300, 600.	PG-X	do.....	do.
Easterling.....	KEJD	300, 600.	PG-X	do.....	do.
Eastern Admiral.....	KURM	300, 600.	PG-N	do.....	do.
Eastern Belle.....	KUJT	300, 600.	PG-X	do.....	do.
Eastern Breeze.....	KOPP	300, 450, 600.	PG-X	do.....	do.
Eastern Chief.....	KSEI	300, 600.	PG-X	do.....	do.
Eastern Coast.....	KURX	300, 450, 600.	PG-X	do.....	do.
Eastern Crag.....	KUJY	300, 450, 600.	PG-X	do.....	S. O. R. S.
Eastern Cross.....	WKIU	300, 450, 600.	PG-X	do.....	do.
Eastern Crown.....	KUNQ	300, 450, 600.	PG-X	do.....	R. C. A.
Eastern Dawn.....	KUQT	300, 450, 600, 1800.	PG-X	do.....	S. O. R. S.
Easterner.....	WGEA	300, 450, 600.	PG-X	do.....	I. W. T. Co.
Eastern Gale.....	KUDZ	300, 600.	PG-X	do.....	R. C. A.
Eastern Glade.....	KUND	300, 600, 1800.	PG-X	do.....	S. O. R. S.
Eastern Glen.....	KUVB	300, 450, 600.	PG-X	do.....	I. W. T. Co.
Eastern Guide.....	KUCN	300, 450, 600.	PG-X	do.....	Do.
Eastern King.....	WFEA	300, 450, 600.	PG-X	do.....	R. C. A.
Eastern Knight.....	KUFB	300, 450, 600.	PG-X	Columbia Pacific Shipping Co.....	I. W. T. Co.
Eastern Leader.....	KDHY	300, 450, 600.	PG-X	U. S. S. B.....	S. O. R. S.
Eastern Light.....	WKII	300, 600.	PG-N	do.....	do.
Eastern Maid.....	KUTF	300, 450, 600.	PG-X	do.....	do.
Eastern Mariner.....	KUGB	300, 450, 600.	PG-X	do.....	do.
Eastern Moon.....	KUDX	300, 450, 600.	PG-X	do.....	do.
Eastern Pilot.....	KULJ	300, 450, 600.	PG-X	do.....	I. W. T. Co.
Eastern Planet.....	KUPD	300, 450, 600, 1800.	PG-X	do.....	R. C. A.
Eastern Queen.....	KXUE	300, 600.	PG-N	do.....	S. O. R. S.
Eastern Sea.....	KTEA	300, 450, 600.	PG-X	do.....	Do.
Eastern Shore.....	WKIO	300, 450, 600.	PG-X	do.....	do.
Eastern Star.....	KTAU	300, 450, 600.	PG-X	do.....	I. W. T. Co.
Eastern States.....	WEE	300, 600.	PG-N	Detroit & Cleve. Nav. Co.....	R. C. A.
Eastern Sun.....	KTIE	300, 450, 600.	PG-X	U. S. S. B.....	I. W. T. Co.
Eastern Sword.....	KDKB	300, 450, 600.	PG-X	do.....	S. O. R. S.
Eastern Tempest.....	KUVG	300, 450, 600, 706.	PG-X	do.....	R. C. A.
Eastern Temple.....	KDEZ	300, 450, 600.	PG-X	do.....	do.
Eastern Victor.....	KUNR	300, 450, 600.	PG-X	do.....	Do.
East Hampton.....	KDFZ	300, 450, 600.	PR-X	C. E. Davis Packing Co.....	do.
East Indian.....	WGEI	300, 600.	PG-N	U. S. S. B.....	do.
Eastport.....	WCIE	300, 450, 600.	PG-X	do.....	do.
East Side.....	KIMQ	300, 450, 600, 706.	PG-X	do.....	I. W. T. Co.
East Wind.....	KEKB	300, 450, 600.	PG-X	do.....	Do.
Eclipse.....	KEGF	300, 450, 600.	PG-X	do.....	S. O. R. S.
E. C. Pope.....	WZAU	300, 600.	PG-X	Inter-Coast S. S. Co.....	I. W. T. Co.
Ecuador.....	WBN	300, 600, 1800.	PG-X	Pacific Mail S. S. Co.....	F. T. Co.
Edenton.....	KECB	300, 450, 600.	PG-X	U. S. S. B.....	do.
Edgar Bowling.....	KIFD	300, 450, 600.	PG-X	Garland S. S. Corp.....	R. C. A.
Edgar F. Coney.....	KDHD	300, 600.	PG-X	Philip Shore.....	do.
Edgar F. Luckenbach.....	KGK	300, 450, 600.	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Edgefield.....	KEBF	300, 450, 600.	PG-X	U. S. S. B.....	do.
Edgehill.....	KETN	300, 450, 600.	PG-X	do.....	R. C. A.
Edgemoor.....	KEVF	300, 600.	PG-X	do.....	do.
Edgemont.....	KETP	300, 600.	PG-X	do.....	do.
Edith.....	KZF	300, 600.	PG-X	A. H. Bull S. S. Co.....	I. W. T. Co.
Editor.....	KOBG	300, 450, 600.	PG-X	U. S. S. B.....	R. C. A.
Edmore.....	KILJ	300, 450, 600.	PG-X	do.....	I. W. T. Co.
Edna Christenson.....	WSJ	300, 450, 600.	PG-X	Western Mercantile Marine Co.....	R. C. A.
Edris.....	KDBG	300, 600.	PG-X	Thomas H. Ince.....	Owner of vessel.
Edward L. Doheny.....	WIE	300, 450, 600.	PG-X	Pan-American Pet. & Transp. Co.....	R. C. A.
Edward L. Doheny, Junior.....	WIJ	300, 450, 600.	PG-X	do.....	Do.
Edward Luckenbach.....	KGQ	300, 450, 600.	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Edward Peirce.....	KMOU	300, 450, 600.	PG-X	Crowell & Thurlow S. S. Co.....	Owner of vessel.
Edward Sewall.....	KFFL	300, 450, 600.	PG-X	Alaska Packers Assn.....	Do.
Eelbeck.....	KINQ	300, 600.	PG-X	U. S. S. B.....	S. O. R. S.
Effingham.....	KOLT	300, 450, 600.	PG-X	do.....	R. C. A.
Effra.....	KOMT	300, 450, 600, 706.	PG-X	do.....	Do.
E. G. Crosby.....	WDI	300, 600.	PG-N	Crosby Transp. Co.....	S. O. R. S.
Eglantine.....	KOPT	300, 450, 600, 706.	PG-X	U. S. S. B.....	R. C. A.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Egremont.....	KOQS	300, 450, 600.	PG-X	U. S. S. B.....	I. W. T. Co.
E. J. Earling.....	WEI	300, 600.	PG-X	Franklin S. S. Co.....	R. C. A.
El Abeto.....	KENN	300, 600.	PG-X	Los Angeles Lumber Products Co.....	Owner of vessel.
El Alba.....	KKL	300, 600, 706.	PG-X	Southern Pacific Co.....	Do.
El Almirante.....	KKG	300, 450, 600.	PG-X	do.....	Do.
El Capitan.....	KKH	300, 450, 600, 706.	PG-X	do.....	Do.
El Capitan.....	WNB	300, 450, 600.	PG-X	Standard Oil Co. of N. J.....	R. C. A.
El Cleuta.....	KDIY	300, 450, 600.	PG-X	Los Angeles Lumber Products Co.....	Owner of vessel.
El Cid.....	KKT	300, 450, 600.	PG-X	Southern Pacific Co.....	R. C. A.
Eldena.....	KEVG	300, 450, 600.	PG-X	U. S. S. B.....	Owner of vessel.
El Dia.....	KKY	300, 600.	PG-N	Southern Pacific Co.....	R. C. A.
E. L. Dohany, Third	WROO	300, 450, 600.	PG-X	Pan American Pet. & Transpn. Co.....	R. C. A.
Eldorado.....	KMOI	300, 450, 600.	PG-X	Western Transport Co.....	Do.
Eldridge.....	KICN	300, 450, 600.	PG-X	U. S. S. B.....	I. W. T. Co.
Elecedro.....	WVOE	300, 600.	PG-X	Los Angeles Lumber Products Co.....	Owner of vessel.
El Estero.....	KDKT	300, 600.	PG-X	Southern Pacific Co.....	S. O. R. S.
Elfay.....	KOVQ	300, 450, 600.	PG-X	Russell A. Alger.....	R. C. A.
Elinor.....	KVR	300, 600.	PG-X	U. S. S. B.....	Owner of vessel.
Elisha.....	KDQG	300, 600.	PG-X	Pan-American Pet. & Transport Co.....	R. C. A.
El Isleo.....	KDNA	300, 600.	PG-X	Southern Pacific Co.....	Owner of vessel.
Elizabeth.....	KORC	300, 600.	PG-X	A. H. Bull S. S. Co.....	I. W. T. Co.
Elkhorn.....	KOCL	300, 450, 600.	PG-X	U. S. S. B.....	R. C. A.
Elkridge.....	KISG	300, 600.	PG-X	do.....	Owner of vessel.
Elkton.....	KOFK	300, 450, 600.	PG-X	do.....	R. C. A.
El Lago.....	KDNW	300, 600.	PG-X	Southern Pacific Co.....	I. W. T. Co.
Ellenor.....	KUGX	300, 450, 600, 706.	PG-X	A. H. Bull S. S. Co.....	Owner of vessel.
Elmore.....	KFFG	300, 450, 600.	PG-X	American Tug Boat Co.....	I. W. T. Co.
Elmsport.....	KILF	300, 450, 600.	PG-X	U. S. S. B.....	Do.
El Mundo.....	KKU	300, 450, 600, 706.	PG-X	Southern Pacific Co.....	Owner of vessel.
El Norte.....	KKN	300, 450, 600.	PG-X	do.....	Do.
El Occidente.....	KKX	300, 600, 706.	PG-N	do.....	Do.
El Oriente.....	KKV	300, 450, 600.	PG-X	do.....	Do.
E. L. Pierce.....	KDXL	300, 600.	PG-X	Pioneer S. S. Co.....	R. C. A.
El Rio.....	KKZ	300, 600, 706.	PG-N	Southern Pacific Co.....	Owner of vessel.
El Segundo.....	WTQ	300, 600.	PG-X	Standard Oil Co. of Calif.....	R. C. A.
El Siglo.....	KKS	300, 600.	PG-X	Southern Pacific Co.....	Owner of vessel.
El Sol.....	KEB	300, 600, 706.	PG-X	do.....	Do.
El Sud.....	KEQ	300, 450, 600.	PG-X	do.....	Do.
El Valle.....	KKW	300, 600.	PG-X	do.....	Do.
Emergency Aid.....	KDKD	300, 600, 1800.	PG-X	U. S. S. B.....	S. O. R. S.
Empire.....	KFIR	300, 600.	PG-X	Sabine Towing Co.....	R. C. A.
Empire Arrow.....	KDUG	300, 600.	PG-X	Standard Transpn. Co.....	S. O. R. S.
Endicott.....	KODN	300, 450, 600.	PG-X	U. S. S. B.....	Do.
Engwood.....	WGAA	300, 600.	PG-X	do.....	Do.
Ensley City.....	KUZS	300, 450, 600, 706.	PG-X	U. S. Steel Products Co.....	R. C. A.
Enterprise.....	WMN	300, 450, 600.	PG-N	Matson Navigation Co.....	Do.
Eocene.....	KTM	300, 600.	PG-X	Standard Transpn. Co.....	Owner of vessel.
Epitacio Pessoa.....	KOCC	300, 600.	PG-X	U. S. S. B.....	R. C. A.
Equator.....	KDWI	300, 450, 600.	PG-X	Cary Davis Tug & Barge Co.....	Owner of vessel.
E. R. Kemp.....	KDQD	300, 600.	PG-X	Sinclair Navigation Co.....	R. C. A.
Ernest H. Meyer.....	WMJ	300, 600.	PG-X	Broughton & Wiggins Nav. Co.....	Owner of vessel.
E. R. Sterling.....	WIS	300, 600.	PG-X	Sterling Ship Co.....	Do.
Escambia.....	KOGK	300, 600.	PG-X	U. S. S. B.....	T. R. T. Co.
Esparta.....	KDC	300, 450, 600.	PG-N	United Fruit S. S. Corp.....	I. W. T. Co.
Esperanza.....	KWZ	300, 450, 600, 706.	PG-N	New York & Cuba Mail S. S. Co.....	Do.
Essex.....	KQE	300, 450, 600.	PG-N	Merchants & Miners Transpn. Co.....	Do.
Esther Weems.....	WQOA	300, 600.	PG-X	Baltimore & Carolina S. S. Co.	R. C. A.
Estrada Palma.....	KDMG	300, 600.	PG-X	Florida East Coast Car Ferry Co.....	Do.
E. T. Bedford.....	KDSB	300, 450, 600.	PG-X	Standard Oil Co. of N. J.....	S. O. R. S.
Ethan Allen.....	KUJQ	300, 600, 1800.	PG-X	U. S. S. B.....	R. C. A.
Eugene V. R. Thayer.....	KDMA	300, 600.	PG-X	Sinclair Navigation Co.....	Owner of vessel.
Eurana.....	KFDW	300, 600.	PG-X	New York Shipbuilding Corp.	I. W. T. Co.
Evansville.....	KIKT	300, 600.	PG-N	U. S. S. B.....	Do.
Evelyn.....	EZP	300, 450, 600.	PG-X	A. H. Bull S. S. Co.....	Owner of vessel.
Everett.....	KUQR	300, 600.	PG-X	Chas. R. McCormick & Co.....	R. C. A.
Everett.....	KZT	300, 450, 600, 706.	PG-X	New England Fuel & Transpn. Co.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Everglades.....	WQEE	300,600.....	PG-X	U. S. S. B.....	I. W. T. Co.
Evergreen City.....	KUNJ	300,450,600.....	PG-X	.....do.....	Do.
E. W. Sinclair.....	KDRN	300,600.....	PG-X	Sinclair Navigation Co.....	R. C. A.
Excelsior.....	KKO	300,600.....	PG-N	Southern Pacific Co.....	Owner of vessel.
Explorer.....	KIVN	300,600.....	PG-X	U. S. S. B.....	Do.
Facile.....	KFHV	146,300,600.....	PR-X	Horace A. Beale, Jr.....	Do.
F. A. Douty.....	KFGE	300,450,600.....	PG-X	Multnomah Lumber & Box Co.....	Do.
Fairfield City.....	KDPY	300,450,600.....	PG-X	U. S. Steel Products Co.....	R. C. A.
Fair Oaks.....	WSM	300,600.....	PG-X	Oriental Navigation Corp.....	Do.
Faith.....	KDVG	300,600.....	PG-X	Irving E. Raymond.....	Do.
Farsby.....	KEJV	300,450,600.....	PG-X	U. S. S. B.....	Do.
Fargo.....	KONL	300,600.....	PG-X	.....do.....	Do.
Farnam.....	KQJE	300,600.....	PG-X	.....do.....	Do.
Favorite.....	KDNY	300,600.....	PG-X	Panama Canal.....	Owner of vessel.
Favorite.....	KIFG	300,600.....	PG-X	Great Lakes Towing Co.....	R. C. A.
Favorite.....	WCF	300,600.....	PG-X	U. S. S. B.....	Do.
F. A. Warner.....	WMEO	300,600.....	PG-X	Pacific States Lumber Co.....	Do.
Fayette Brown.....	WQG	300,600.....	PG-X	Harvey H. Brown & Co.....	Do.
F. B. Squire.....	WFU	300,600.....	PG-X	Jenkins S. S. Co.....	Do.
F. C. Latrobe.....	KDOL	300,600.....	PG-X	City of Baltimore.....	Owner of vessel.
Fearless.....	KDRA	300,600.....	PG-X	Ship Owners and Merchants Tugboat Co.....	Do.
Federal.....	KDWW	300,450,600.....	PG-X	American Petroleum Co.....	S. O. R. S.
Federal.....	WDOO	300,450,600.....	PG-X	U. S. S. B.....	R. C. A.
Federal Bridge.....	KOCN	300,450,600.....	PG-X	.....do.....	Do.
Felix Taussig.....	KCCZ	300,600.....	PG-X	Crowell & Thurlow S. S. Co.....	Owner of vessel.
Feltore.....	KFG	300,600.....	PG-X	Guaranty Trust Co.....	R. C. A.
F. H. Hillman.....	KDVK	300,600.....	PG-X	Standard Oil Co.....	Do.
Fidus.....	KDXB	300,600.....	PG-X	Frank J. Kelly.....	Do.
Finland.....	KBF	300,450,600, 706	PG-N	International Mercantile Ma- rine Co.....	I. W. T. Co.
Firmore.....	KDX	300,450,600.....	PG-X	Guaranty Trust Co.....	R. C. A.
Firthcliffe.....	KITF	300,600.....	PG-X	U. S. S. B.....	Do.
Fisher.....	KFCX	300,450,600.....	PG-X	Portland Trawling Co.....	Do.
Fishkill.....	KULF	300,600.....	PG-X	U. S. S. B.....	Do.
F. J. Luckenbach.....	WNZ	300,450,600.....	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Florence Lucken- bach.....	WNM	300,450,600.....	PG-X	.....do.....	Do.
Florence Olson.....	WRI	300,600.....	PG-X	Oliver J. Olson & Co.....	Owner of vessel.
Floridian.....	WLR	300,450,600.....	PG-X	American-Hawaiian S. S. Co.....	United American Lines.
Fluor Spar.....	KIQX	300,450,600.....	PG-X	U. S. S. B.....	R. C. A.
Forest King.....	KDBH	300,600,706.....	PG-X	Forest King Co.....	Owner of vessel.
Fort Armstrong.....	KUKF	300,600.....	PG-X	U. S. S. B.....	Do.
Fort Bragg.....	WLH	300,600.....	PG-X	Charles H. Higgins.....	Do.
Fort George.....	KDJB	300,600.....	PG-X	U. S. S. B.....	Do.
Fort Pitt Bridge.....	KWB	300,450,600.....	PG-X	.....do.....	Do.
Fortuna.....	KDWU	300,450,600.....	P-X	Richmond Talbot.....	Do.
Fort Wayne.....	WDOU	300,450,600.....	PG-X	U. S. S. B.....	Do.
Fort Worth.....	KLD	300,600.....	PG-X	.....do.....	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.....	R. C. A.
Francis E. Powell.....	KFIG	300,450,600.....	PG-X	Atlantic Refining Co.....	Do.
Frank Billings.....	KDXM	300,600.....	PG-X	Pioneer S. S. Co.....	Do.
Frank G. Drum.....	KDQZ	300,600.....	PG-X	Associated Oil Co.....	Owner of vessel.
Frank H. Buck.....	WTO	300,600,1800.....	PG-X	.....do.....	F. T. Co.
Frank H. Goodyear.....	KFEG	300,600.....	PG-X	American S. S. Co.....	Owner of vessel.
Franklin.....	KDPK	300,450,600.....	PG-X	Galena Navigation Co.....	R. C. A.
Franklin County.....	KOTV	300,600.....	PG-X	U. S. S. B.....	Do.
Franklin K. Lane.....	KDLH	300,600.....	PG-X	Pan-American Pet. & Trans- port Co.....	Do.
Frank Lynch.....	KLIU	300,600.....	PG-X	W. J. Gray, jr.....	Do.
Fred Baxter.....	WOG	300,600.....	PG-X	Fred Baxter S. S. Co.....	Owner of vessel.
Frederic Ewing.....	WNQ	300,450,600.....	PG-X	Pan-American Pet. & Trans- port Co.....	R. C. A.
Frederic R. Kellogg.....	WIQ	300,450,600.....	PG-X	.....do.....	Do.
Fred W. Weller.....	KNY	300,450,600.....	PG-X	Standard Oil Co. of N. J.....	Do.
Freedom.....	KFW	300,600.....	PG-N	U. S. S. B.....	Do.
Freeman.....	WMM	300,450,600.....	PG-X	Pocahontas S. S. Co.....	Do.
Freeport Sulphur No. 1.....	KRA	300,450,600.....	PG-X	Freeport Sulphur Transpn. Co.....	Do.
Freeport Sulphur No. 2.....	KRG	300,450,600.....	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.....	KTIO	300,600.....	PG-N	U. S. S. B.....	Do.
F. R. Hazard.....	KDXK	300,600.....	PG-X	Pioneer S. S. Co.....	Do.
Frieda.....	KFF	300,450,600.....	PG-X	Union Sulphur Co.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Gaffney.....	KICR	300,450,600..	PG-X	U. S. S. B.....	S. O. R. S.
Galahad.....	KEQR	300,600.....	PG-X	.....do.....	I. W. T. Co.
Galesburg.....	WGAE	300,450.....	PG-N	.....do.....	.....do.....
Galveston.....	KDQE	300,450,600..	PG-X	.....do.....	.....do.....
Garfield.....	WQOE	300,450,600..	PG-X	Grace S. S. Co.....	R. C. A.
		706			
Gargoyle.....	KDPE	300,600.....	PG-X	Vacuum Oil Co.....	Do.
Garibaldi.....	KROU	300,600.....	PG-X	U. S. S. B.....	Do.
Gaston.....	KFCE	300,450,600..	PG-X	Pensacola Shipbuilding Co.....	Owner of vessel.
		706			
Gateway City.....	KDFD	300,450,600..	PG-X	U. S. S. B.....	.....do.....
G. A. Tomlinson.....	KDXJ	300,600.....	PG-X	Pioneer S. S. Co.....	R. C. A.
Gdansk.....	WHJ	300,450,600..	PG-N	Walter A. Rush.....	Do.
Gene Crawley.....	KQF	300,450,600..	PG-X	Sinclair Gulf Corp.....	Do.
General G. W. Goethals.....	KMZ	300,450,600..	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	300,450,600..	PG-N	.....do.....	Do.
		706			
General W. C. Gorgas.....	KIP	300,450,600..	PG-N	.....do.....	Do.
		706			
Genesee.....	KIDL	300,450,600..	PG-X	Arthur L. Crowley.....	Do.
Geo. H. Jones.....	KIFS	300,450,600..	PG-X	Standard Oil Co. of N. J.....	R. C. A.
Geo. L. Harvey.....	KDET	300,600.....	PG-X	Joseph Kildall.....	Do.
George Allen.....	KUNF	300,450,600..	PG-X	Garland S. S. Corp.....	Do.
George B. MacKenzie.....	KFGO	300,450,600..	PG-X	American Bauxite Co.....	Do.
George C. Greer.....	KOQL	300,450,600..	PG-X	Magnolia Petroleum Co.....	Owner of vessel.
George G. Henry.....	WIT	300,450,600..	PG-X	Pan-American Pet. & Transport Co.....	R. C. A.
George L. Olson.....	KFGU	300,600.....	PG-X	Oliver J. Olson.....	Owner of vessel.
George Pierce.....	KDLT	300,600,1800	PG-X	U. S. S. B.....	S. O. R. S.
George Washington.....	KDCL	300,450,600..	PG-N	.....do.....	Do.
		706			
George W. Barnes.....	KMUI	300,600.....	PG-X	Pan-American Pet. & Transport Co.....	R. C. A.
Georgia.....	KUR	300,600.....	PG-X	Texas Co.....	I. W. T. Co.
Georgia.....	WFA	300,600.....	PG-X	Crosby Transpn. Co.....	Do.
Georgian.....	KOVP	300,450,600..	PG-X	American-Hawaiian S. S. Co.....	United American Lines.
Georgina Rolph.....	KETX	300,600.....	PG-X	Rolph Navigation & Coal Co.....	Owner of vessel.
G. E. Roper.....	KFIP	300,600.....	PG-X	.....do.....	.....do.....
Gertrude.....	KDVC	300,600.....	PR-X	Sabine Towing Co.....	I. W. T. Co.
Gladysbe.....	KDEV	300,450,600..	PG-X	U. S. Mex. Oil Corp.....	S. O. R. S.
Glendaruel.....	WDF	300,450,600..	PG-X	Glendaruel S. S. Corp.....	I. W. T. Co.
Glendola.....	KFAI	300,450,600..	PG-X	Glendola S. S. Corp.....	Do.
Glendoyle.....	KFAO	300,600.....	PG-X	Glendoyle S. S. Corp.....	Do.
Glenpool.....	KOH	300,450,600..	PG-X	Standard Oil Co. of N. J.....	R. C. A.
Glen Ridge.....	KIRZ	300,450,600..	PG-X	U. S. S. B.....	Do.
		706			
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 Transp. Co.....	I. W. T. Co.
		706			
Glymont.....	KEXZ	300,450,600..	PG-X	U. S. S. B.....	.....do.....
Glyndon.....	KEZQ	300,450,600..	PG-X	Glyndon S. S. Corp.....	Do.
G. N. Wilson.....	KDUX	300,600.....	PG-X	American S. S. Co.....	Do.
Gold Shell.....	WIB	300,450,600..	PG-X	Gold Shell S. S. Co.....	R. C. A.
Gold Star.....	KDPZ	300,600.....	PG-X	.....do.....	.....do.....
Goliah.....	KFDI	300,600.....	PG-N	U. S. S. B.....	.....do.....
Gonzalis.....	KOBQ	300,600.....	PG-X	.....do.....	.....do.....
Goodspeed.....	WKEO	300,600.....	PG-X	.....do.....	.....do.....
Good Will.....	KFGI	300,600.....	PG-X	Keith Spalding.....	Do.
Goree.....	WLII	300,450,600..	PG-X	U. S. S. B.....	Do.
Gorgona.....	KDNZ	300,600.....	PG-X	Panama Canal.....	Do.
Governor Cobb.....	KRB	300,600.....	PG-N	Peninsular & Occidental S. S. Co.....	Do.
Governor Dingley.....	KRV	300,600,706..	PG-N	Eastern S. S. Lines.....	Do.
Governor John Lind.....	WREU	300,450,600..	PG-X	Baltimore S. S. Co.....	I. W. T. Co.
Grand Haven.....	KEXR	300,450,600..	PG-X	Grand Trunk Car Ferry Line.....	Do.
Gratia.....	KIGP	300,450,600..	PG-X	Braddock Navigation Co.....	Do.
Greclian.....	KQR	300,450,600..	PG-N	Merchants & Miners Transp. Co.....	Do.
		706			
Greenland.....	KUPG	300,600.....	PG-X	U. S. S. B.....	.....do.....
Greenwood.....	WLL	300,600.....	PG-X	Greenwood S. S. Co.....	Do.
Griffdu.....	KDIL	300,450,600..	PG-X	Universal S. S. & Barge Co.....	S. O. R. S.
		708			
G. S. Allyn.....	EDZY	300,450,600..	PR-X	C. E. Davis Packing Co.....	Owner of vessel.
Guantanamo.....	KWN	300,600.....	PG-X	New York & Cuba Mail S. S. Co.....	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Guardian.....	WGZ	300, 600.....	P-X	All America Cable Co.....	Owner of vessel.
Guardsman.....	KIVX	300, 600.....	PG-X	T. A. Scott Co.....	
Guarina.....	KDZS	300, 600.....		P. E. Fansler.....	
Guaro.....	WJV	300, 600.....	PG-X	U. S. S. B.....	
Guimba.....	WJIE	300, 600.....	PG-N	do.....	
Guinevere.....	KDUP	300, 600.....	PR-X	Edgar Palmer.....	Do.
Gulfoast.....	KUE	300, 600.....	PG-X	Gulf Refining Co.....	I. W. T. Co.
Gulfking.....	KDNO	300, 450, 600, 706	PG-X	do.....	Do.
Gulfland.....	KUD	300, 600.....	PG-X	do.....	Do.
Gulflight.....	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.
Gulfoll.....	KTG	300, 450, 600.....	PG-X	do.....	Do.
Gulfpoint.....	KUPF	300, 450, 600, 706	PG-X	do.....	Do.
Gulf Prince.....	KDRB	300, 600.....	PG-X	do.....	Do.
Gulf Queen.....	KVS	300, 600, 706.....	PG-X	do.....	Do.
Gulstar.....	KDEB	300, 450, 600, 706	PG-X	do.....	Do.
Gulfstream.....	KTB	300, 600.....	PG-X	do.....	Do.
Gulftrade.....	KOV B	300, 600, 706.....	PG-X	do.....	Do.
Gunston Hall.....	KICV	300, 600.....	PG-N	do.....	
Haddon.....	KIRN	300, 450, 600.....	PG-X	do.....	
Hadnot.....	KOGP	300, 450, 600.....	PG-X	Steamer Freeport Corp.....	R. C. A.
Hagan.....	KOQC	300, 450, 600.....	PG-X	U. S. S. B.....	
Hagood.....	KOQD	300, 450, 600.....	PG-X	Cities Service Co.....	Do.
Habira.....	KUZC	300, 600.....	PG-X	U. S. S. B.....	
Haiti.....	KUFK	300, 450, 600, 706	PG-X	do.....	Do.
Halcyon.....	KZL	300, 450, 600.....	PG-X	Dutce W. Flint.....	Owner of vessel.
Haleakala.....	KORL	300, 600.....	PG-X	U. S. S. B.....	I. W. T. Co.
Haleakala.....	KFEU	300, 450, 600.....	PG-N	Inter Island Steam Nav. Co.....	R. C. A.
Half Moon.....	KUVX	300, 450, 600.....	PG-N	U. S. S. B.....	Do.
Half Moon.....	KDXY	300, 600.....		Gordon Woodbury.....	
Halo.....	KDCP	300, 450, 600, 1800	PG-X	Cities Service Co.....	Do.
Halsey.....	KDDR	300, 600.....	PG-X	Malston Co.....	I. W. T. Co.
Halway.....	KDFQ	300, 600, 706, 1800	PG-X	Gulf Refining Co.....	Do.
Hamilton.....	KFAM	300, 600, 706.....	PG-X	Old Dominion Transpn. Co.....	R. C. A.
Hammac.....	KDTJ	300, 600, 1800.....	PG-X	General Petroleum Corp.....	
Hampten.....	WKUI	300, 450, 600.....	PG-X	Coastwise Transpn. Corp.....	Do.
Hampden Roads.....	KESR	300, 600, 1800.....	PG-X	U. S. S. B.....	S. O. R. S.
Hancock County.....	KORT	300, 450, 600.....	PG-X	do.....	
Hanley.....	KDIF	300, 600, 1800.....	PG-X	do.....	Do.
Hannawa.....	KDFR	300, 600, 1800.....	PG-X	do.....	Do.
Hanover.....	KOKK	300, 450, 600.....	PG-X	do.....	I. W. T. Co.
Harold B. Nye.....	KDXS	300, 600.....	PG-X	Pioneer S. S. Co.....	R. C. A.
Harold Walker.....	WIX	300, 450, 600.....	PG-X	Pan-American Pet. & Trans- port Co.	Do.
Harry Farnum.....	KQA	300, 450, 600.....	PG-X	Sinclair Gulf Corp.....	Do.
Harry Luckenbach.....	KIGS	300, 450, 600, 706	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Harry W. Croft.....	WQF	300, 600.....	PG-X	Harvey H. Brown & Co.....	R. C. A.
Harry Yates.....	KDUB	300, 600.....	PG-X	American S. S. Co.....	Owner of vessel.
Hartford.....	KOSX	300, 450, 600.....	PG-X	U. S. S. B.....	
Hartwood.....	KEVR	300, 600.....	PG-X	Hart-Wood Lumber Co.....	Do.
Harvard.....	WRH	300, 600.....	PG-N	Los Angeles S. S. Co.....	F. T. Co.
Harvester.....	KDHC	300, 600.....	PG-X	Texas S. S. Co.....	I. W. T. Co.
Harvey H. Brown.....	WQE	300, 600.....	PG-X	Castner, Curran & Bullitt.....	R. C. A.
Hasehurst.....	KOXB	300, 450, 600.....	PG-X	U. S. S. B.....	
Hastings.....	KDDL	300, 450, 600.....	PG-X	do.....	I. W. T. Co.
Hastnal.....	KUVP	300, 600.....	PG-X	W. E. Price.....	Do.
Hatchie.....	KIVJ	300, 600.....	PG-X	U. S. S. B.....	
Hathaway.....	KODK	300, 600.....	PG-X	do.....	
Hatteras.....	WNV	300, 450, 600.....	PG-X	do.....	R. C. A.
Havilah.....	KUJK	300, 450, 600.....	PG-X	do.....	
Hawaiian.....	WKU	300, 450, 600, 706	PG-X	American-Hawaiian S. S. Co.....	United American Lines.
Hawarden.....	KUPX	300, 450, 600.....	PG-X	U. S. S. B.....	
Haxtum.....	KUTB	300, 450, 600.....	PG-X	do.....	
Hayden.....	KUZP	300, 450, 600.....	PG-X	do.....	
Haymon.....	KDBU	300, 600.....	PG-X	do.....	
Haynie.....	KDCR	300, 600.....	PG-X	do.....	
H. C. Folger.....	KHS	300, 450, 600.....	PG-X	Atlantic Refining Co.....	R. C. A.
Heber.....	KDDU	300, 600.....	PG-X	U. S. S. B.....	
Heffron.....	WBAl	300, 450, 600.....	PG-X	do.....	Do.
Hegira.....	KIDF	300, 600.....	PG-X	do.....	Do.
Helen.....	KZH	300, 600, 706.....	PG-X	Bull-Insular S. S. Co.....	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Henry Clay.....	KESZ	300,600.....	PG-X	U. S. S. B.....	
Henry County.....	KOMS	300,600.....	PG-X	do.....	
Henry D. Whiton.....	KDRM	300,450,600.....	PG-X	Union Sulphur Co.....	S. O. R. S.
Henry J. Biddle.....	WDRW	300,600.....	PG-X	California & Hawaiian Sugar Refining Co.	Owner of vessel.
Henry M. Flagler..	KOX	300,600.....	PG-X	Florida East Coast Car Ferry Co.	R. C. A.
Henry R. Mallory.	KEF	300,450,600, 706	PG-N	Mallory S. S. Co.....	I. W. T. Co.
Henry S. Grove....	KDLN	300,600,706, 1800	PG-X	Nautilus S. S. Corp.....	S. O. R. S.
Henry Steers.....	KURR	300,450,600.....	PG-X	U. S. S. B.....	
Hera.....	KDGA	300,450,600.....	PG-X	Standard Oil Co. of N. J.....	R. C. A.
Herbert G. Wylie..	WIF	300,450,600.....	PG-X	Pan-American Pet. & Transport Co.	Do.
Herbert L. Pratt..	KOY	300,600.....	PG-X	Atlantic Refining Co.....	Do.
Hercules.....	KOCT	300,600.....	PG-X	Moore Shipbuilding Co.....	Owner of vessel.
Heredia.....	KDH	300,450,600	PG-N	United Fruit S. S. Corp.....	T. R. T. Co.
Herman Frasch....	KDLW	300,450,600.....	PG-X	Union Sulphur Co.....	S. O. R. S.
Hermosa.....	WBP	300,600.....	PG-X	Wilmington Transpn. Co.....	R. C. A.
H. F. Alexander... Hillsborough County..	KDYK	300,550,600, 1800	PG-N	Pacific S. S. Co.....	Do.
H. F. Morse.....	KOFJ	300,600.....	PG-N	United States Transport Co.....	
H. H. Rogers.....	KSI	300,450,600.....	PG-X	Standard Oil Co. of N. J.....	Do.
Hickman.....	WFOA	300,450,600.....	PG-X	U. S. S. B.....	I. W. T. Co.
Hico.....	KECK	300,600.....	PG-X	do.....	
Higo.....	KUBV	300,450,600.....	PG-X	do.....	R. C. A.
Hiltsborough County..	KIKB	300,600.....	PG-X	do.....	
Hilton.....	KZK	300,600.....	PG-X	A. H. Bull S. S. Co.....	I. W. T. Co.
Hinckley.....	KURB	300,450,600.....	PG-X	U. S. S. B.....	
Hisko.....	WQD	300,600.....	PG-X	do.....	
H. M. Flagler.....	KER	300,450,600.....	PG-X	Standard Oil Co. of N. J.....	R. C. A.
H. M. Storey.....	KDDV	300,600.....	PG-X	Standard Oil Co. of Calif.....	Do.
Hog Island.....	KODV	300,450,600, 706	PG-X	U. S. S. B.....	Do.
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.....	KDCS	300,450,600, 706	PG-X	U. S. S. B.....	R. C. A.
Holyoke Bridge..	KUCJ	300,600.....	PG-X	do.....	
Homer.....	KUMG	300,600.....	PG-X	D. J. Hanlon.....	Owner of vessel.
Homestead.....	KEKR	300,450,600.....	PG-X	U. S. S. B.....	S. O. R. S.
Honnedaga.....	KUXZ	300,600.....	PG-N	do.....	
Hopatcong.....	KDKC	300,600.....	PG-N	do.....	
Horace Lucken- bach.	KULK	300,450,600.....	PG-X	Luckenbach S. S. Co.....	Owner of vessel.
Horace X. Baxter.	WOF	300,600.....	PG-X	Horace X. Baxter S. S. Co....	Do.
Houma.....	WTUO	300,450,600.....	PG-X	U. S. S. B.....	I. W. T. Co.
Houston.....	KDCO	300,450,600.....	PG-X	do.....	
Hoven.....	KEXV	300,450,600.....	PG-N	do.....	Do.
Howard.....	KQHV	300,450,600, 706	PG-N	Merchants & Miners Transpn. Co.	Do.
Howick Hall.....	KLT	300,450,600.....	PG-X	U. S. Steel Products Co.....	R. C. A.
Hoxbar.....	LIJQ	300,600.....	PG-X	U. S. S. B.....	
Hoxie.....	KEMK	300,450,600, 706	PG-X	do.....	S. O. R. S.
H. T. Harper.....	KDVM	300,600,706.....	PG-X	Standard Oil Co. of Calif.....	R. C. A.
Hugh Kennedy.....	KFCJ	300,600.....	PG-X	Buffalo S. S. Co.....	
Hugoton.....	KIQR	300,450,600, 706	PG-X	Malston Co.....	
Huguenot.....	KIVQ	300,450,600.....	PG-X	U. S. S. B.....	Do.
Hukey.....	KIFC	300,600.....	PG-X	do.....	I. W. T. Co.
Hulaco.....	KODQ	300,600.....	PG-X	do.....	
Hulver.....	KIGD	300,450,600.....	PG-X	do.....	R. C. A.
Humaconna.....	KIGC	300,450,600.....	PG-X	Merrill & Ring Lumber Co.....	
Humboldt.....	WHX	300,600.....	PG-N	Fred Linderman.....	Owner of vessel.
Humrick.....	KIFN	300,450,600.....	PG-X	U. S. S. B.....	R. C. A.
Huron.....	KVH	300,450,600, 706	PG-N	Clyde S. S. Co.....	I. W. T. Co.
Huron.....	WCH	300,600.....	PG-X	Wyandotte Transpn. Co.....	R. C. A.
Hutchinson.....	KUJP	300,450,600.....	PG-X	U. S. S. B.....	
H. W. Baxter.....	VMAE	300,450,600.....	PG-X	Horace X. Baxter S. S. Corp..	
Hyades.....	WMK	300,600.....	PG-X	Matson Navigation Co.....	Do.
Hyannis.....	KINC	300,600.....	PG-X	U. S. S. B.....	I. W. T. Co.
Hyberty.....	KDCA	300,600.....	PG-X	do.....	
Ice King.....	KJUA	300,600.....	PG-N	do.....	
Iceland.....	KOKK	300,600.....	PG-X	do.....	
Iconium.....	WQUO	300,600.....	PG-X	do.....	
I. C. White.....	KDDB	300,450,600.....	PG-X	Pan-American Pet. & Transport Co.	R. C. A.

COMMERCIAL SEIP RADIO STATIONS, ALPHABETICALLY BY NAMES OF VESSELS—Con.

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
I. J. Merritt.....	KOVZ	300,600.....	PG-X	Merritt & Chapman Derrick & Wrecking Co.	Owner of vessel.
Illinois.....	KDSZ	300,600,1800.	PG-X	Texas Co.....	I. W. T. Co.
Illinois.....	WCZ	300,600.....	PG-X	Goodrich Transit Co.....	R. C. A.
Imlay.....	KIZV	300,600.....	PG-X	Malston Co.....	
Independence.....	WJIO	300,450,600.....	PG-X	U. S. S. B.....	S. O. R. S.
Independence Hall	KDCG	300,450,600.....	PG-X	Do.....	R. C. A.
Independent	KOGB	300,600.....	PG-X	Do.....	
Bridge.					
India Arrow.....	KDHP	300,450,600.....	PG-X	Standard Transpn. Co.....	Do.
Indian.....	KFEK	300,450,600.....	PG-X	Merchants & Miners' Transpn. Co.	I. W. T. Co.
Indiana.....	WFC	300,600.....	PG-X	Goodrich Transit Co.....	R. C. A.
Indiana Bridge.....	KOND	300,450,600.....	PG-X	U. S. S. B.....	
Indiana Harbor.....	KUBS	300,600.....	PG-X	Do.....	
Indianapolis.....	WROE	300,600.....	PG-N	Do.....	
Ingold.....	WLJU	300,600.....	PG-X	Do.....	
Innoko.....	KITJ	300,450,600.....	PG-X	Do.....	
Inspector.....	KOKR	300,600.....	PG-X	Do.....	I. W. T. Co.
Intan.....	KIGK	300,600.....	PG-N	Do.....	
Intrepid.....	KEDI	300,600.....	PG-X	W. S. Kilmer.....	R. C. A.
Invader.....	KDWR	300,600.....	PG-X	J. P. Jefferson.....	
Invincible.....	WCII	300,450,600.....	PG-X	U. S. S. B.....	Do.
Iowan.....	WKJ	300,450,600,706	PG-X	American-Hawaiian S. S. Co.	United American Lines.
Ipswich.....	KILV	300,600.....	PG-X	Shawmut S. S. Co.	Do.
Irages.....	KDYH	300,600.....	PG-X	International Petroleum Co.....	Owner of vessel.
Irene.....	KOKT	300,450,600.....	PG-X	A. H. Bull S. S. Co.	I. W. T. Co.
Iris.....	WQI	300,450,600.....	PG-X	Pacific Transport Co	R. C. A.
Iroquois.....	KUTQ	300,600.....	PG-X	Chicago & South Haven S. S. Co.	Do.
Iroquois.....	KVP	300,450,600,706	PG-N	Clyde S. S. Co.....	I. W. T. Co.
Irvington.....	KOGQ	300,600.....	PG-N	U. S. S. B.....	
Isaac T. Mann.....	KOU	300,450,600.....	PG-X	Pocahontas S. S. Co.	R. C. A.
Isanti.....	WVEU	300,600.....	PG-X	U. S. S. B.....	
J. A. Bostwick.....	KJN	300,450,600.....	PG-X	Standard Oil Co. of N. J.	Do.
Jackson.....	KIKK	300,450,600.....	PG-X	U. S. S. B.....	
Jacksonville.....	KOJG	300,450,600.....	PG-X	Do.....	
Jacob Luckenbach.....	KDXE	300,600,1800.	PG-X	Luckenbach S. S. Co.	S. O. R. S.
Jacob T. Kopp.....	KDVS	300,600.....	PG-X	American S. S. Co.	Owner of vessel.
Jacona.....	WQUU	300,450,600.....	PG-X	U. S. S. B.....	S. O. R. S.
Jacox.....	KEML	300,600.....	PG-X	Do.....	
Jadden.....	KORM	300,450,600.....	PG-X	Do.....	R. C. A.
Jalapa.....	KDCW	300,600,1800.	PG-X	Do.....	S. O. R. S.
James B. Duke.....	KQSQ	300,600,1800.	PG-X	Garland S. S. Corp.	R. C. A.
James McGee.....	KTP	300,450,600.....	PG-X	Standard Oil Co. of N. J.	Do.
James MacNaughton.	KFCN	300,600.....	PG-X	Wilson Transit Co.	Do.
James Otis.....	KDCD	300,600,1800.	PG-X	U. S. S. B.....	
James P. Walsh.....	KDXW	300,600.....	PG-X	Pioneer S. S. Co.	Do.
Jamestown.....	KOC	300,450,600.....	PG-N	Old Dominion S. S. Co.	Do.
J. A. Moffett.....	WRE	300,600.....	PG-X	Standard Oil Co. of Calif.	Do.
J. A. Moffett, jr.....	KDTU	300,450,600.....	PG-X	Standard Oil Co. of N. J.	Do.
Janelew.....	KDFS	300,600,1800.	PG-X	U. S. S. B.....	S. O. R. S.
Japan Arrow.....	KDHO	300,450,600.....	PG-N	Standard Transpn. Co.....	R. C. A.
Java Arrow.....	KDHQ	300,450,600.....	PG-X	do.....	Do.
J. C. Donnell.....	WJM	300,450,600.....	PG-X	Atlantic Refining Co	Do.
Jean.....	KZJ	300,600.....	PG-X	A. H. Bull S. S. Co.	I. W. T. Co.
Jeannette Skinner.....	WQW	300,600.....	PG-X	U. S. S. B.....	
Jeff Davis.....	KDQF	300,600,1800.	PG-X	do.....	S. O. R. S.
Jefferson.....	KOD	300,450,600.....	PG-X	Old Dominion Transpn. Co.	R. C. A.
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.....	
Jekyl.....	KEBS	300,600.....	PG-X	do.....	
Jennie R. Morse.....	KUNN	300,450,600.....	PG-X	do.....	
J. E. O'Neil.....	KSB	300,600.....	PG-X	Atlantic Refining Co	R. C. A.
Jeptha.....	KDFU	300,600.....	PG-X	U. S. S. B.....	S. O. R. S.
J. Fletcher Farrell.....	KDHR	300,600.....	PG-X	Sinclair Navigation Co	R. C. A.
J. F. Fenrose.....	KUQN	300,450,600.....	PG-X	National Oil Transport Co.	I. W. T. Co.
Jim Sid.....	KUZD	300,600.....	PG-X	Gulf Barge & Towing Co.	
J. J. Sullivan.....	KDXV	300,600.....	PG-X	Pioneer S. S. Co.	R. C. A.
J. L. Luckenbach.....	KEXQ	300,600,450,706	PG-X	Luckenbach S. S. Co.	S. O. R. S.
J. L. Reiss.....	KURJ	300,600.....	PG-X	Reiss S. S. Co.	R. C. A.
J. M. Danziger.....	WIW	300,450,600.....	PG-X	Pan-American Pet. & Transport Co.	Do.
J. M. Guffey.....	KTF	300,600.....	PG-X	Gulf Refining Co.....	I. W. T. Co.
J. N. Pew.....	KDTP	300,600.....	PG-X	Sun Oil Co.	R. C. A.
Johanna Smith.....	WHZ	300,600.....	PG-X	Pacific States Lumber Co.....	Owner of vessel.

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

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.....	
John A. Kling.....	KFEI	300, 600.....	PG-X	Rockport S. S. Co.....	R. C. A.
John C. Kirkpatrick.	KDQR	300, 600.....	PG-X	Andrew F. Mahony.....	
John D. Archbold.	KDUM	300, 600.....	PG-X	Standard Oil Co. of N. J.....	Do.
John D. Rockefeller.	KTO	300, 450, 600.....	PG-X	.....do.....	Do.
John Ena.....	KIRS	300, 600.....	PG-X	James Botts.....	Owner of vessel.
John Engls.....	KDDJ	300, 450, 600, 1800	PG-X	U. S. S. B.....	
John F. Hylan.....	KUSM	300, 600.....	PR-X	City of New York, Police Department.	Do.
John Jay.....	KUXR	300, 600.....	PG-X	U. S. S. B.....	
John J. Boland.....	KDWB	300, 600.....	PG-X	American S. S. Co.....	Do.
John M. Connelly.....	KJEI	300, 600.....	PG-X	U. S. S. B.....	
John P. Reiss.....	KUTM	300, 600.....	PG-X	North American S. S. Co.....	R. C. A.
John R. Gibbons.....	KURL	300, 450, 600.....	PG-X	American Bauxite Co.....	Do.
John Roach.....	KOSN	300, 600.....	PG-X	U. S. S. B.....	
Johnson City.....	KIKD	300, 600.....	PG-X	.....do.....	
John Stanton.....	KDXT	300, 600.....	PG-X	Pioneer S. S. Co.....	Do.
John Stevens.....	KDGM	300, 600, 1800	PG-X	U. S. S. B.....	
John Tracy.....	WVOO	300, 600.....	PG-X	M. & J. Tracy.....	
John W. Wells.....	KOCR	300, 600.....	PG-X	Chas. R. McCormick & Co.....	Owner of vessel.
John Worthington.	KDMN	300, 450, 600.....	PG-X	Standard Oil Co. of N. J.....	R. C. A.
Jolee.....	KUVT	300, 450, 600, 706	PG-X	U. S. S. B.....	Do.
Jomar.....	KUGT	300, 450, 600.....	PG-X	.....do.....	Do.
Jonancy.....	KSEU	300, 450, 600.....	PG-X	Pocahontas S. S. Co.....	Do.
Joseph D. Wood.....	KFIH	300, 600, 706.....	PG-X	Wood Towing Co.....	Owner of vessel.
Joseph G. Butler, Jr.	KDXU	300, 600.....	PG-X	Pioneer S. S. Co.....	R. C. A.
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, 450, 600.....	PG-X	Standard Oil Co. of N. J.....	Do.
Josiah Macy.....	KEX	300, 600.....	PG-X	.....do.....	Do.
J. R. Gordon.....	KOML	300, 450, 600.....	PG-X	Union Sulphur Co.....	S. O. R. S.
J. T. Hutchinson..	KDXX	300, 600.....	PG-X	Pioneer S. S. Co.....	R. C. A.
Julia Luckenbach..	KGZ	300, 450, 600, 706	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Juniata.....	KQJ	300, 450, 600, 706	PG-N	Merchants & Miners Transp. Co.	I. W. T. Co.
Juniata.....	WCB	300, 450, 600.....	PG-N	Great Lakes Transit Corp.....	R. C. A.
Juvigny.....	KUQX	300, 600.....	PG-X	Independent S. S. Co.....	Do.
J. W. Van Dyke.....	KJHR	300, 450, 600.....	PG-X	Atlantic Refining Co.....	Do.
Kaleen.....	KOKV	300, 600.....	PG-X	U. S. S. B.....	
Kamesit.....	KEDG	300, 450, 600.....	PG-X	.....do.....	I. W. T. Co.
Kanak.....	KOT	300, 600.....	PG-X	Alaska Packers Assn.....	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. A.
Katrina Luckenbach.	KWU	300, 450, 600.....	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Kayseeka.....	KOQZ	300, 600.....	PG-X	U. S. S. B.....	
Kearny.....	KOPR	300, 600.....	PG-N	.....do.....	
Kehuku.....	KUPV	300, 450, 600.....	PG-X	.....do.....	
Keketicut.....	KZEA	300, 600.....	PG-X	.....do.....	
Kekoskee.....	KDGY	300, 450, 600.....	PG-X	.....do.....	
Kennecott.....	KDPP	300, 450, 600.....	PG-X	Alaska S. S. Co.....	Do.
Kenowis.....	KOSV	300, 450, 600.....	PG-X	U. S. S. B.....	R. C. A.
Kentuckian.....	WKE	300, 450, 600, 706	PG-X	American-Hawaiian S. S. Co.....	United American Lines.
Kerhonkson.....	KUJF	300, 450, 600.....	PG-X	U. S. S. B.....	R. C. A.
Kermit.....	WMV	300, 450, 600.....	PG-X	American Ship & Commerce Nav. Corp.	United American Lines.
Kershaw.....	KQK	300, 450, 600.....	PG-X	Merchants & Miners Transpn. Co.	I. W. T. Co.
Keshena.....	KITR	300, 600.....	PG-X	U. S. S. B.....	
Ketchikan.....	WAE	300, 600.....	PG-X	Alaska S. S. Co.....	S. O. R. S.
Kewanee.....	KIVC	300, 450, 600.....	PG-X	Associated Oil Co.....	R. C. A.
K. I. Luckenbach..	KHY	300, 450, 600.....	PG-X	Luckenbach S. S. Corp.....	S. O. R. S.
Kingfisher.....	KDNJ	300, 600.....	PG-X	Andrew Hudson.....	I. W. T. Co.
Kiowa.....	KDJP	300, 600.....	PG-X	Independent S. S. Co.....	
Kiowa.....	KRL	300, 600.....	PG-X	Clyde S. S. Co.....	
Kishacoquillas...	KIFJ	300, 450, 600, 706	PG-X	U. S. S. B.....	
Kisnop.....	KIJK	300, 450, 600.....	PG-X	.....do.....	
Kittegaun.....	KITG	300, 600.....	PG-X	.....do.....	
Knoxville.....	KIUN	300, 600.....	PG-X	.....do.....	
Knoxville City...	KDUD	300, 450, 600.....	PG-X	U. S. Steel Products Co.....	R. C. A.
Kootenai.....	KOGF	300, 450, 600.....	PG-X	U. S. S. B.....	
Kosciuszko.....	KZUE	300, 600.....	PG-X	Polish-American Nav. Corp.....	

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
K. R. Kingsbury..	KDRE	300, 600.....	PG-X	Standard Oil Co. of Calif.	R. C. A.
Kroonland.....	KSH	300, 450, 600..	PG-N	International Mercantile Marine Co.	I. W. T. Co.
Kuwa.....	WCEE	300, 600.....	PG-X	U. S. S. B.....	
Kvichak.....	WNS	300, 600.....	PG-X	Alaska Packers Assn.....	Owner of vessel.
Labette.....	KIZX	300, 450, 600..	PG-X	U. S. S. B.....	S. O. R. S.
La Brea.....	WON	300, 600, 1800.	PG-X	Union Oil Co.....	F. T. Co.
Lackwanna Bridge.	KOGC	300, 600.....	PG-X	U. S. S. B.....	
Lackwanna Valley.	KIXD	300, 450, 600..	PG-X	do.....	
La Crosse.....	KONM	300, 450, 600..	PG-X	do.....	
Lafocomo.....	KIXK	300, 450, 600..	PG-X	do.....	I. W. T. Co.
La Jota.....	KDXF	300, 450, 600..	P-X	W. W. Wilson.....	Owner of vessel.
Lake Agomak.....	KZEU	300, 450, 600..	PG-X	U. S. S. B.....	
Lake Akkra.....	KVUE	300, 450, 600..	PG-X	do.....	
Lake Allen.....	KLEI	300, 600.....	PG-X	do.....	
Lake Alvada.....	KXAA	300, 600.....	PG-X	do.....	
Lake Annette.....	KKOE	300, 450, 600..	PG-X	do.....	
Lake Arline.....	KZOE	300, 600.....	PG-X	do.....	
Lake Aurice.....	KZIA	300, 600.....	PG-X	do.....	
Lake Beacon.....	WTAA	300, 450, 600..	PG-X	do.....	
Lake Belnona.....	KZII	300, 600.....	PG-X	do.....	
Lake Benbow.....	KVAE	300, 600.....	PG-X	do.....	
Lake Bonton.....	KSIU	300, 600.....	PG-X	do.....	
Lake Berdan.....	KZEE	300, 600.....	PG-X	do.....	
Lake Blanchester.	KTIU	300, 600.....	PG-X	do.....	
Lake Bledsoe.....	KTUE	300, 600.....	PG-X	do.....	
Lake Buckeye.....	WSEU	300, 600.....	PG-X	do.....	
Lake Butler.....	WFN	300, 600.....	PG-N	do.....	
Lake Cahoon.....	WKEE	300, 600.....	PG-X	do.....	
Lake Calistoga.....	KXIU	300, 600.....	PG-X	do.....	
Lake Callicoon.....	WNAO	300, 450, 600..	PG-X	do.....	S. O. R. S.
Lake Canaveral.....	KIDS	300, 450, 600..	PG-X	do.....	Do.
Lake Candelaria.....	KIIB	300, 600.....	PG-X	do.....	
Lake Cannonsburg	KIMV	300, 600.....	PG-X	do.....	
Lake Capens.....	KLUA	300, 600.....	PG-X	do.....	
Lake Cathoon.....	WLFO	300, 600.....	PG-X	do.....	
Lake Catherine.....	KSH	300, 450, 600..	PG-X	do.....	
Lake Cayuga.....	KLUI	300, 450, 600..	PG-X	Frank Paramino	
Lake Charles.....	KHW	300, 600.....	PG-X	U. S. S. B.....	
Lake Charlotte.....	KQEO	300, 600.....	PG-X	do.....	
Lake Charlottesville.	WNEA	300, 600.....	PG-X	do.....	
Lake Chelan.....	KQUO	300, 600.....	PG-X	do.....	
Lake Clear.....	KLEO	300, 600.....	PG-X	do.....	
Lake Como.....	KLIE	300, 600.....	PG-X	do.....	
Lake Conesus.....	KSAO	300, 600.....	PG-X	do.....	Do
Lake Copley.....	WKAU	300, 600.....	PG-X	do.....	
Lake Crescent.....	WAP	300, 600.....	PG-X	do.....	
Lake Crystal.....	KLAO	300, 600.....	PG-X	do.....	
Lake Dancy.....	KZEO	300, 600.....	PG-X	do.....	
Lake Daraga.....	KRIA	300, 600.....	PG-X	do.....	
Lake Delancey.....	KXAE	300, 450, 600..	PG-X	do.....	
Lake Desha.....	WTAE	300, 600.....	PG-X	do.....	
Lake Deval.....	WKEA	300, 600.....	PG-X	do.....	
Lake Duncan.....	KSOO	300, 600.....	PG-X	do.....	
Lake Dyrmer.....	KZEI	300, 600.....	PG-X	do.....	
Lake Eckhart.....	KSOE	300, 600.....	PG-X	do.....	
Lake Eliko.....	KTAI	300, 600.....	PG-X	do.....	
Lake Elizabeth.....	WOP	300, 600.....	PG-X	do.....	
Lake Elkwater.....	KEPM	300, 600.....	PG-X	do.....	
Lake Elkwood.....	KENP	300, 600.....	PG-X	do.....	
Lake Ellendale.....	KEPN	300, 600.....	PG-X	do.....	
Lake Ellenorah.....	KEPP	300, 600.....	PG-X	do.....	
Lake Eilerslie.....	KEQM	300, 600.....	PG-X	do.....	
Lake Elliott.....	KEQN	300, 600.....	PG-X	do.....	
Lake Ellijay.....	KOBL	300, 600.....	PG-X	do.....	
Lake Ellithorpe.....	KOFM	300, 600.....	PG-X	do.....	
Lake Ellsberry.....	KOFF	300, 450, 600..	PG-X	do.....	
Lake Ellsworth.....	KOCZ	300, 600.....	PG-X	do.....	
Lake Elmdale.....	KOLR	300, 450, 600..	PG-X	do.....	
Lake Elmhurst.....	KOFQ	300, 600.....	PG-X	do.....	
Lake Elmont.....	KOQG	300, 450, 600..	PG-X	do.....	
Lake Elmsford.....	KOVG	300, 450, 600..	PG-X	do.....	
Lake Elmwood.....	KOZT	300, 450, 600..	PG-X	do.....	
Lake Elon.....	KOBZ	300, 450, 600..	PG-X	do.....	
Lake Elpueblo.....	KOFV	300, 600.....	PG-X	do.....	
Lake Elsah.....	KOSR	300, 450, 600..	PG-X	do.....	R. C. A.
Lake Elsinore.....	KRII	300, 600.....	PG-X	do.....	
Lake Elva.....	KUBR	300, 450, 600..	PG-X	do.....	
Lake Elwin.....	KUDM	300, 450, 600..	PG-X	do.....	

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Lake Ennis.....	KLUO	300, 600.....	PG-X	U. S. S. B.	
Lake Fabius.....	KIPQ	300, 600.....	PG-X	do.	
Lake Fabyan.....	KINJ	300, 450, 600.....	PG-X	do.	
Lake Fagundus.....	KISN	300, 600.....	PG-X	do.	
Lake Fairfax.....	KIRV	300, 600.....	PG-X	do.	
Lake Fairlie.....	KISP	300, 450, 600.....	PG-X	do.	
Lake Fairport.....	KOGR	300, 450, 600.....	PG-X	do.	
Lake Falama.....	KITB	300, 600.....	PG-X	do.	
Lake Falun.....	KOTB	300, 600.....	PG-X	do.	I. W. T. Co.
Lake Fanbush.....	KEJN	300, 600.....	PG-X	do.	
Lake Fandango.....	KOVL	300, 600.....	PG-X	do.	
Lake Fandon.....	KOVS	300, 600.....	PG-X	do.	
Lake Fanquier.....	KEKN	300, 600.....	PG-X	do.	
Lake Fansdale.....	KEKM	300, 600.....	PG-X	do.	
Lake Farabee.....	KEBP	300, 600.....	PG-X	do.	
Lake Farber.....	KIRB	300, 600.....	PG-X	do.	
Lake Faresman.....	KEVZ	300, 600.....	PG-X	do.	
Lake Farge.....	WLEA	300, 600.....	PG-X	do.	
Lake Faribault.....	KEDM	300, 600.....	PG-X	do.	
Lake Faristell.....	WLEE	300, 450, 600.....	PG-X	do.	
Lake Farley.....	KEDP	300, 600.....	PG-X	do.	
Lake Farlin.....	KIGM	300, 600.....	PG-X	do.	
Lake Farmingdale.....	KIPZ	300, 600.....	PG-X	do.	
Lake Farragut.....	KIQN	300, 600.....	PG-X	do.	
Lake Farrar.....	KISX	300, 600.....	PG-X	do.	R. C. A.
Lake Faulk.....	KEJP	300, 600.....	PG-X	do.	Do.
Lake Favonia.....	KOJP	300, 450, 600.....	PG-X	do.	
Lake Faxon.....	KOLJ	300, 600.....	PG-X	do.	
Lake Fear.....	KIVM	300, 600.....	PG-X	do.	
Lake Felden.....	KOLK	300, 450, 600.....	PG-X	do.	
Lake Fenn.....	KOTT	300, 600.....	PG-X	do.	
Lake Feodora.....	KUBT	300, 600.....	PG-X	do.	
Lake Fernalda.....	KOPB	300, 600.....	PG-X	do.	
Lake Fernando.....	KELM	300, 450, 600.....	PG-X	do.	
Lake Fernwood.....	KDEA	300, 600.....	PG-X	Richmond-New York S. S. Co.	
Lake Ferrona.....	KELN	300, 450, 600.....	PG-X	U. S. S. B.	
Lake Festina.....	KEQP	300, 450, 600.....	PG-X	do.	
Lake Festus.....	KERM	300, 600.....	PG-X	do.	S. O. R. S.
Lake Fibre.....	KERN	300, 600.....	PG-X	do.	
Lake Fielcing.....	KERP	300, 600.....	PG-X	do.	I. W. T. Co.
Lake Fife.....	KESM	300, 450, 600.....	PG-X	do.	
Lake Figart.....	KESN	300, 600.....	PG-X	do.	
Lake Fighting.....	KESP	300, 600.....	PG-X	do.	S. O. R. S.
Lake Filbert.....	KONV	300, 450, 600, 706	PG-X	Alaska S. S. Co.	Owner of vessel.
Lake Fillion.....	KOPV	300, 600.....	PG-X	U. S. S. B.	
Lake Fliscus.....	KOCG	300, 600.....	PG-X	do.	
Lake Fitch.....	KOJQ	300, 600.....	PG-X	do.	
Lake Fithian.....	KOKZ	300, 600.....	PG-X	do.	
Lake Flag.....	KUMX	300, 450, 600.....	PG-X	do.	
Lake Flagon.....	KIXT	300, 600.....	PG-X	do.	
Lake Flagstaff.....	KIZM	300, 600.....	PG-X	do.	I. W. T. Co.
Lake Flambeau.....	KIZN	300, 600.....	PG-X	do.	
Lake Flanders.....	KOGT	300, 600.....	PG-X	do.	
Lake Flatonia.....	KOGS	300, 600.....	PG-X	do.	
Lake Flattery.....	KOMC	300, 600.....	PG-X	do.	
Lake Floravista.....	KUFC	300, 450, 600.....	PG-X	do.	
Lake Florian.....	KUFF	300, 450, 600.....	PG-X	Lykes Bros. S. S. Co.	
Lake Floris.....	KUFF	300, 450, 600.....	PG-X	U. S. S. B.	
Lake Flovilla.....	KESK	300, 600.....	PG-X	do.	
Lake Flume.....	KMUU	300, 600.....	PG-X	do.	
Lake Flushing.....	KEBV	300, 600.....	PG-X	do.	
Lake Fluvanna.....	WLAU	300, 600.....	PG-X	do.	
Lake Flynnus.....	KECV	300, 600.....	PG-X	do.	
Lake Folcroft.....	KEXL	300, 600.....	PG-X	do.	
Lake Fonda.....	KEZC	300, 600.....	PG-X	do.	
Lake Fondulac.....	WSEO	300, 600.....	PG-X	do.	
Lake Fontana.....	KEZD	300, 600.....	PG-X	do.	
Lake Fontanet.....	KEZF	300, 600.....	PG-X	do.	
Lake Forkville.....	WLEI	300, 600.....	PG-X	do.	
Lake Forney.....	WBUU	300, 600.....	PG-X	New Hampshire S. S. Co.	
Lake Forsby.....	WCUA	300, 600.....	PG-X	U. S. S. B.	
Lake Fossil.....	WCUE	300, 600.....	PG-X	do.	R. C. A.
Lake Fo-toria.....	WPIO	300, 600.....	PG-X	do.	
Lake Fouche.....	WPIU	300, 600.....	PG-X	do.	
Lake Foxboro.....	KESB	300, 600.....	PG-X	do.	
Lake Foxcraft.....	KEGL	300, 600.....	PG-X	do.	
Lake Fraichur.....	KEJG	300, 600.....	PG-X	do.	
Lake Fraley.....	KEJJ	300, 600.....	PG-X	do.	
Lake Frances.....	KTAO	300, 450, 600.....	PG-X	Frank Paramino.....	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Lake Franconia....	WCUO	300,600.....	PG-X	U. S. S. B.	
Lake Fray.....	WCUU	300,600.....	PG-X	do.	
Lake Frazee.....	WDUA	300,450,600..	PG-X	do.	
Lake Freeborn....	WDUI	300,600.....	PG-X	do.	
Lake Freed.....	WDUO	300,600.....	PG-X	do.	
Lake Freeland....	WDUU	300,450,600..	PG-X	do.	
Lake Freezeout....	WFUA	300,450,600..	PG-X	do.	
Lake Frenchton....	WFUE	300,600.....	PG-X	do.	
Lake Fresco.....	WNAU	300,450,600..	PG-X	do.	
Lake Friar.....	KEFN	300,600.....	PG-X	do.	
Lake Frio.....	KEFP	300,600.....	PG-X	do.	
Lake Frohna.....	KEGR	300,450,600..	PG-X	do.	
Lake Frolono.....	KEGN	300,600.....	PG-X	do.	
Lake Frugality....	KEGP	300,600.....	PG-X	do.	
Lake Frumet.....	KIRJ	300,600.....	PG-X	do.	
Lake Fugard.....	WLEU	300,450,600..	PG-X	do.	
Lake Furley.....	WMAA	300,600.....	PG-X	do.	I. W. T. Co.
Lake Furlough....	KEKP	300,450,600..	PG-X	do.	
Lake Furnas.....	KUTV	300,600.....	PG-X	do.	
Lake Gadsden....	KITP	300,600.....	PG-X	do.	R. C. A.
Lake Gaither.....	KOJZ	300,600.....	PG-X	do.	
Lake Gakona.....	KVOU	300,600.....	PG-X	do.	
Lake Galata.....	KOJJ	300,450,600..	PG-X	do.	
Lake Galera.....	KXAI	300,600.....	PG-X	do.	
Lake Galewood....	KOJX	300,600.....	PG-X	do.	
Lake Galien.....	KOJT	300,450,600..	PG-X	Philadelphia & Norfolk S. S. Co.	
Lake Ganado.....	KUMB	300,600.....	PG-X	U. S. S. B.	S. O. R. S.
Lake Gano.....	KDGR	300,600.....	PG-X	do.	
Lake Gardner.....	KXEO	300,600.....	PG-X	do.	
Lake Garza.....	KVOE	300,600.....	PG-X	do.	
Lake Gaspar.....	KVOI	300,450,600..	PG-X	do.	
Lake Gatun.....	KDKP	300,600.....	PG-X	do.	
Lake Gazette.....	KIPN	300,600.....	PG-X	do.	
Lake Gedney.....	KVUU	300,450,600..	PG-X	do.	
Lake Geneva.....	KXUA	300,600.....	PG-X	do.	
Lake George.....	KDIZ	300,600.....	PG-X	James Davidson.	
Lake Gert.....	KOMB	300,600.....	PG-X	U. S. S. B.	
Lake Getaway....	KOLZ	300,450,600..	PG-X	do.	
Lake Geyser.....	KULD	300,600.....	PG-X	do.	
Lake Giddings....	KUCR	300,600.....	PG-X	do.	
Lake Gilpen.....	KEZK	300,600.....	PG-X	do.	
Lake Gilta.....	KEZL	300,600.....	PG-X	do.	
Lake Giltedge....	KEBM	300,600.....	PG-X	do.	
Lake Girardeau... Lake Girth.....	KOCS KEBN	300,600..... 300,600.....	PG-X PG-X	do. do.	
Lake Gitano.....	KECM	300,600.....	PG-N	do.	Do.
Lake Glasco.....	KINK	300,600.....	PG-X	do.	
Lake Glaucus....	KUMV	300,600.....	PG-X	do.	
Lake Glebe.....	KIBB	300,600.....	PG-X	do.	
Lake Glencoe....	KIGB	300,600.....	PG-X	do.	
Lake Gorin.....	WRIE	300,600.....	PG-X	do.	
Lake Gormanian... Lake Govan.....	WVIA WVIU	300,600..... 300,600.....	PG-X PG-X	do. do.	
Lake Gradan.....	WSUU	300,600.....	PG-X	do.	
Lake Grainger....	KEJK	300,600.....	PG-X	do.	
Lake Grama.....	KEJL	300,450,600..	PG-X	do.	
Lake Grampian... Lake Grampus....	KEKG KEKJ	300,450,600.. 300,600.....	PG-X PG-X	do. do.	
Lake Granby.....	KIDB	300,600.....	PG-X	do.	
Lake Grandon....	WLAI	300,600.....	PG-X	do.	
Lake Gratis.....	WZOE	300,600.....	PG-X	do.	
Lake Grattan....	WZOI	300,600.....	PG-X	do.	
Lake Gravella....	WZOO	300,450,600..	PG-X	do.	
Lake Gravett....	WZOU	300,450,600..	PG-X	do.	
Lake Gravity.....	WBUA	300,600.....	PG-X	do.	
Lake Greenbrier... Lake Gretna.....	WBUE WBUI	300,600..... 300,600.....	PG-X PG-X	do. do.	
Lake Grogan.....	WBUO	300,600.....	PG-X	do.	
Lake Guinni.....	KUNC	300,450,600..	PG-X	Whitney-Central Trust Savings Bank.	
Lake Haresti....	KUGN	300,450,600..	PG-X	U. S. S. B.	
Lake Harminia....	KUNB	300,600.....	PG-X	do.	
Lake Harney.....	KGOE	300,600.....	PG-X	International Coal Transpn. Corp.	
Lake Harris.....	KXAU	300,450,600..	PG-X	U. S. S. B.	
Lake Helen.....	KZOI	300,600.....	PG-X	do.	
Lake Hemlock....	KLOE	300,600.....	PG-X	do.	
Lake Hewes.....	KVUU	300,600.....	PG-X	do.	

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Lakehurst.....	KLOI	300,600.....	PG-X	U. S. S. B.....	
Lake Ikatan.....	KUCM	300,450,600..	PG-X	do.....	
Lake Inaba.....	KEFM	300,450,600..	PG-X	do.....	
Lake Indian.....	KZOO	300,600.....	PG-X	do.....	S. O. R. S.
Lake Inglenook...	KOBT	300,600.....	PG-X	do.....	
Lake Janet.....	KFD	300,600.....	PG-X	do.....	
Lake Jessup.....	KHV	300,600.....	PG-X	International Coal Transpn. Corp.	
Lake Kyttille.....	WCOU	300,600.....	PG-X	U. S. S. B.....	
Lakeland.....	WDL	300,600.....	PG-X	Tri-State S. S. Co.....	R. C. A.
Lake Larga.....	KMUE	300,450,600..	PG-X	U. S. S. B.....	
Lake Lasang.....	KMUA	300,600.....	PG-X	do.....	
Lake Ledan.....	KTUA	300,600.....	PG-X	do.....	
Lake Lemando.....	WCIO	300,600.....	PG-X	do.....	
Lake Lesa.....	KXOU	300,600.....	PG-X	do.....	
Lake Licoco.....	WTAO	300,600.....	PG-X	do.....	
Lake Lida.....	KLOO	300,450,600..	PG-X	do.....	
Lake Lilicusun...	KZIO	300,600.....	PG-X	do.....	
Lake Lillian.....	KXUI	300,600.....	PG-X	International Coal Transpn. Corp.	
Lake Linden.....	KZAE.	300,600.....	PG-X	U. S. S. B.....	
Lake Louise.....	KZUU	300,600.....	PG-X	do.....	
Lake Marion.....	KXEE	300,600.....	PG-X	do.....	
Lake Markham...	KTOU	300,600.....	PG-X	do.....	
Lake Mary.....	KREO	300,600.....	PG-X	do.....	
Lake Mattiata...	WTAI	300,600.....	PG-X	do.....	
Lake Maurepas...	KLEA	300,600.....	PG-X	do.....	
Lake Medford...	KZOA	300,450,600..	PG-X	do.....	
Lake Miraflores...	KDNR	300,600.....	PG-X	do.....	
Lake Narka.....	KTOA	300,600.....	PG-X	do.....	
Lake Ogden.....	KHU	300,600.....	PG-X	do.....	
Lake Onawa.....	KOJM	300,600.....	PG-X	do.....	I. W. T. Co.
Lake Ontario...	KDIR	300,600.....	PG-X	do.....	
Lake Orange.....	KZOU	300,600.....	PG-X	do.....	
Lake Ormoc.....	KVUA	300,600.....	PG-X	do.....	
Lake Osweya...	KVAA	300,450,600..	PG-X	do.....	
Lake Otisco.....	KLIA	300,600.....	PG-X	International Coal Transpn. Corp.	
Lake Otsquago...	KXAO	300,600.....	PG-X	U. S. S. B.....	
Lake Pachuta...	KTUU	300,600.....	PG-X	do.....	
Lake Pearl.....	KVIO	300,450,600..	PG-X	do.....	
Lake Pawaukee...	KLEU	300,600.....	PG-X	do.....	
Lake Pickaway...	WKAO	300,600.....	PG-X	do.....	
Lake Pleasant...	KXEA	300,600.....	PG-X	do.....	
Lake Saba.....	KOS	300,600.....	PG-X	do.....	
Lake Sanford...	KXEI	300,600.....	PG-X	do.....	
Lake Sapor.....	KEZB	300,600.....	PG-X	do.....	
Lake Savus.....	KOCB	300,450,600..	PG-X	do.....	
Lake Sebago...	KLUE	300,450,600..	PG-X	Pacific Spruce Corp.....	R. C. A.
Lake Shawano...	KLOU	300,600.....	PG-X	U. S. S. B.....	
Lake Silver.....	KHE	300,600.....	PG-X	do.....	
Lake Singara...	KITQ	300,600.....	PG-X	do.....	
Lake Slavi.....	KOTJ	300,450,600..	PG-X	Lyke Bros. S. S. Co.....	S. O. R. S.
Lake Strabo...	KEBR	300,450,600..	PG-X	U. S. S. B.....	
Lake St. Clair...	WNL	300,450,600..	PG-X	do.....	
Lake St. Regis...	KLEE	300,600.....	PG-X	do.....	
Lake Superior...	KDIT	300,600.....	PG-X	do.....	Do.
Lake Tippah...	KOVC	300,600.....	PG-X	Philadelphia & Norfolk S. S. Co.	I. W. T. Co.
Lake Traverse...	KDJD	300,600.....	PG-X	U. S. S. B.....	
Lake Treba.....	KOSQ	300,600.....	PG-X	do.....	
Lake Tulare.....	WDX	300,600.....	PG-X	International Coal Transpn. Corp.	Do.
Lakeview.....	KDIX	300,600.....	PG-X	U. S. S. B.....	
Lakeville.....	KXEU	300,600.....	PG-X	do.....	
Lake Washburn...	KREI	300,600.....	PG-X	do.....	
Lake Weir.....	KDIW	300,600.....	PG-X	do.....	
Lake Wilson...	KZAO	300,600.....	PG-X	do.....	
Lake Winona...	KSOI	300,450,600..	PG-X	do.....	
Lake Winona...	KLAU	300,600.....	PG-X	do.....	
Lake Winoski...	KZIE	300,600.....	PG-X	do.....	
Lake Winthrop...	KZAI	300,600.....	PG-X	do.....	I. W. T. Co.
Lakewood.....	KDIC	300,600.....	PG-X	do.....	
Lake Yahara...	KZAU	300,450,600..	PG-X	do.....	
Lake Yelverton...	KVOO	300,600.....	PG-X	do.....	
Lake Yemassee...	KPOO	300,600.....	PG-X	do.....	
Lake Ypsilanti...	WKEI	300,600.....	PG-X	do.....	
Lake Zaliski...	WKAI	300,600.....	PG-X	do.....	
Lampasas.....	KEP	300,450,600..	PG-N	Mallory S. S. Co.....	Do.
Lancaster.....	KQUE	300,450,600..	PG-X	Lancaster S. S. Corp.....	S. O. R. S.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Lansdowne.....	KONP	300, 600.....	PG-X	U. S. S. B.....	
Lansing.....	WTC	300, 600, 1800.	PG-X	Union S. S. Co.....	F. T. Co.
La Placentia.....	KDPX	300, 600.....	PG-X	Union Oil Co.....	R. C. A.
La Purisima.....	KDVJ	300, 600, 1800.	PG-X	do.....	F. T. Co.
Las Vegas.....	KUQM	300, 450, 600..	PG-X	U. S. S. B.....	R. C. A.
Latham.....	KUKR	300, 450, 600..	PG-X	do.....	
Latouche.....	WAI	300, 450, 600..	PG-X	Alaska S. S. Co.....	S. O. R. S.
Laurel.....	WTUE	300, 600.....	PG-N	U. S. S. B.....	
Lavada.....	KDFV	300, 450, 600..	PG-X	do.....	
Lebec.....	KDTN	300, 450, 600, 1800	PG-X	General Petroleum Corp.....	I. W. T. Co.
Lehigh.....	KINM	300, 450, 600..	PG-X	U. S. S. B.....	R. C. A.
Lena Luckenbach.	KDED	300, 450, 600..	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Lenape.....	KVL	300, 600, 706..	PG-N	Clyde S. S. Co.....	I. W. T. Co.
Leroy.....	KFGK	300, 450, 600..	PG-X	Alken Towboat & Barge Co..	S. O. R. S.
Levant Arrow.....	KDVD	300, 450, 600..	PG-X	Standard Transp. Co.....	R. C. A.
Leviathan.....	WSN	300, 600.....	PG-N	U. S. S. B.....	
Levi G. Burgess..	WOX	300, 600.....	PG-X	Alaska Portland Packers Assn.	Owner of vessel.
Levisa.....	KDL	300, 450, 600, 706	PG-X	United Fruit S. S. Corp.....	T. R. T. Co.
Lewis K. Thurlow.	KXY	300, 600.....	PG-X	Crowell & Thurlow S. S. Co...	Owner of vessel.
Lewis Luckenbach	WFOE	300, 450, 600, 706	PG-N	Luckenbach S. S. Co.....	S. O. R. S.
Lexington.....	KNB	300, 600.....	PG-X	Colonial Navigation Co.....	R. C. A.
Libby Maine.....	KDV	300, 450, 600..	PG-X	Libby, McNeill & Libby.....	
Liberator.....	KDTA	300, 600.....		Lybeck Ocean Harvester Co..	
Liberator.....	KRIU	300, 450, 600..	PG-X	U. S. S. B.....	S. O. R. S.
Liberty.....	WCOO	300, 450, 600..	PG-X	do.....	Do.
Liberty Bell.....	KUJX	300, 450, 600..	PG-X	do.....	R. C. A.
Liberty Glo.....	KIQZ	300, 450, 600..	PG-X	do.....	I. W. T. Co.
Liberty Land.....	KISS	300, 450, 600..	PG-X	do.....	
Liberty Minquas.	KUBJ	300, 450, 600..	PG-X	American Petroleum Co.....	R. C. A.
Liebre.....	KDPG	300, 600.....	PG-X	General Petroleum Co.....	Owner of vessel.
Lightburne.....	KIVF	300, 600.....	PG-X	Texas Co.....	I. W. T. Co.
Ligonier.....	KTD	300, 600.....	PG-X	Gulf Refining Co.....	Do.
Lillian.....	KUGZ	300, 450, 600..	PG-X	A. H. Bull S. S. Co.....	Do.
Lillian Lucken- bach.	KNK	300, 450, 600..	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Lilmae.....	KDHR	300, 450, 600..	PG-X	U. S. Mex. Oil Corp.....	Do.
Limon.....	KDR	300, 450, 600, 706	PG-X	United Fruit S. S. Corp.....	T. R. T. Co.
Lio.....	KDSO	300, 600, 1800	PG-X	U. S. S. B.....	S. O. R. S.
Lithopolis.....	WQEA	300, 600.....	PG-X	do.....	
Livingston Roe..	KDOD	300, 450, 600..	PG-X	Standard Oil Co. of N. J.....	R. C. A.
L. J. Drake.....	WZAA	300, 450, 600..	PG-X	do.....	Do.
Lockport.....	KIXM	300, 600.....	PG-X	U. S. S. B.....	
Logan.....	KFDE	300, 600.....	PG-N	E. W. Winston.....	
Loki.....	KDGD	300, 600.....	PG-X	Standard Oil Co. of N. J.....	Do.
Lolomi.....	KDWC	300, 600.....		Rodman Wanamaker.....	Owner of vessel.
Lorain.....	KIFZ	300, 450, 600..	PG-X	U. S. S. B.....	
Lordship Manor..	KIXN	300, 600.....	PG-X	do.....	
Loretta.....	KUXF	300, 450, 600..	PG-X	do.....	
Lorraine Cross..	KDDE	300, 450, 600..	PG-X	do.....	R. C. A.
Los Alamos.....	KRO	300, 600.....	PG-X	General Petroleum Co.....	
Los Angeles.....	WOL	300, 600, 1800	PG-X	Union Oil Co.....	F. T. Co.
Louisiana.....	KUL	300, 450, 600..	PG-X	Texas Co.....	I. W. T. Co.
Louis R. Davidson	KDUH	300, 600.....	PG-X	American S. S. Co.....	
Louisville Bridge	KIDF	300, 600.....	PG-X	U. S. S. B.....	
Lubric.....	KDUC	300, 450, 600, 1800	PG-X	Standard Oil Co. of Calif.....	
Luella.....	KLAA	300, 600.....	PG-X	U. S. S. B.....	
Lurline.....	WML	300, 450, 600..	PG-N	Matson Navigation Co.....	R. C. A.
Luxpalle.....	KIFV	300, 450, 600..	PG-X	U. S. S. B.....	I. W. T. Co.
Luzon.....	KDRU	300, 600.....		Fernandez Hermanes.....	
Lycorning.....	KOMK	300, 600.....	PG-X	U. S. S. B.....	
Lydia.....	WROI	300, 450, 600..	PG-X	Lydia S. S. Co.....	R. C. A.
Lydonia.....	KULZ	300, 600.....	PG-X	C. H. K. Curtis.....	Do.
M. A. Bradley.....	WQH	300, 600.....	PG-X	Harvey H. Brown & Co.....	Do.
Macon.....	KIN	300, 450, 600..	PG-X	City of New York, Police De- partment.	Owner of vessel.
Madison.....	KGT	300, 600, 706..	PG-X	Archibald M. Ostrom.....	S. O. R. S.
Magmeric.....	KOJS	300, 450, 600..	PG-X	U. S. S. B.....	Do.
Magunkook.....	WUO	300, 600.....	PG-X	Moore Drydock Co.....	I. W. T. Co.
Mahekona.....	KENM	300, 450, 600, 706	PG-X	Matson Navigation Co.....	R. C. A.
Maiden Creek.....	KIPX	300, 450, 600..	PG-X	U. S. S. B.....	Do.
Maine.....	KUQ	300, 450, 600..	PG-X	Frank V. Barns.....	S. O. R. S.
Matland No. 1.....	WLE	300, 600.....	PG-X	Toronto, Hamilton & Buffalo Nav. Co.	R. C. A.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Major Wheeler.....	WFII	300, 450, 600, 706	PG-X	Baltimore S. S. Co.....	R. C. A.
Makawell.....	WMAO	300, 600.....	PG-X	Matson Navigation Co.....	Do.
Makena.....	WMAI	300, 600.....	PG-X	do.....	Do.
Manatawny.....	KDFM	300, 600.....	PG-X	U. S. S. B.....	
Manatee.....	KURN	300, 450, 600..	PG-X	do.....	
Manchuria.....	WWE	300, 450, 600, 706	PG-N	Atlantic Transport Co.....	I. W. T. Co.
Mangora.....	KHP	300, 450, 600, 706	PG-X	Guaranty Trust Co. of N. Y...	R. C. A.
Manham.....	KORS	300, 600.....	PG-X	U. S. S. B.....	I. W. T. Co.
Manhattan Island.	WFOI	300, 450, 600..	PG-X	do.....	R. C. A.
Manitou.....	WFW	300, 600.....	PG-X	Michigan Transp. Co.....	Do.
Manitowoc.....	KRQ	300, 600.....	PG-X	Manitowoc S. S. Corp.....	I. W. T. Co.
Manoa.....	WMQ	300, 450, 600, 706	PG-N	Matson Navigation Co.....	R. C. A.
Manukal.....	KDSF	300, 450, 600..	PG-N	do.....	Do.
Manulani.....	KDRQ	300, 450, 600..	PG-N	do.....	Do.
Maquan.....	KOVD	300, 450, 1800	PG-X	U. S. S. B.....	S. O. R. S.
Maracalbo.....	KDM	300, 450, 600, 706	PG-N	Atlantic & Caribbean Steam Nav. Co.	R. C. A.
M. A. Reeb.....	KDUZ	300, 600.....	PG-X	American S. S. Co.....	Owner of vessel.
Margaret.....	KUQS	300, 600.....		Red Salmon Canning Co.....	Do.
Margaret.....	KZO	300, 450, 600..	PG-X	A. H. Bull S. S. Co.....	I. W. T. Co.
Margaret Dollar..	KDUV	300, 600, 706, 1800	PG-X	Dollar S. S. Line.....	Do.
Margus.....	KONG	300, 450, 600..	PG-X	U. S. S. B.....	
Marina.....	KIVD	300, 450, 600..	PG-X	Bull-Insular S. S. Co.....	R. C. A.
Mariners Harbor..	KKEU	300, 600.....	PG-X	U. S. S. B.....	
Marne.....	KEDJ	300, 450, 600..	PG-X	do.....	
Marore.....	KDZO	300, 600.....	PG-X	Guaranty Trust Co. of N. Y.	Do.
Marquette and Bessemer No. 2.	WEX	300, 600.....	PG-X	Marquette & Bessemer Dock & Nav. Co.	Owner of vessel.
Marsodak.....	KOCM	300, 600.....	PG-X	U. S. S. B.....	
Martinique.....	KUQL	300, 450, 600..	PG-X	Colombian S. S. Co.....	
Martin Mullen.....	KDXY	300, 600.....	PG-X	Pioneer S. S. Co.....	R. C. A.
Maruba.....	WZEE	300, 600.....	PG-X	Inter-Coast S. S. Co.....	I. W. T. Co.
Mary.....	KTOE	300, 450, 600..	PG-X	Bull-Insular S. S. Co.....	Do.
Mary Luckenbach.	KDLX	300, 450, 600..	PG-X	Luckenbach Terminals (Inc.)..	R. C. A.
Mary Weems.....	WJEI	300, 600.....	PG-X	Baltimore & Carolina S. S. Co.	I. W. T. Co.
Masca.....	KIBL	300, 600.....	PG-X	U. S. S. B.....	
Massick.....	KOPF	300, 450, 600..	PG-X	do.....	
Massillon Bridge.	KONJ	300, 450, 600..	PG-X	do.....	
Masuda.....	KMIH	300, 600.....	PG-X	do.....	
Matanzas.....	WFEU	300, 450, 600..	PG-X	New York & Cuba Mail S. S. Co.	Do.
Matinicock.....	KID	300, 600.....	PG-X	Standard Oil Co. of N. J.....	R. C. A.
Matsonia.....	WMP	300, 450, 600, 706	PG-N	Matson Navigation Co.....	Do.
Mauban.....	KRAE	300, 600.....		Compania de Tabocas de Filipinas.	
Maud F.....	KDBK	300, 600.....	P-X	E. D. Burge.....	Owner of vessel.
Maui.....	WMR	300, 450, 600..	PG-N	Matson Navigation Co.....	R. C. A.
Mazatlan.....	KUBQ	300, 450, 600..	PG-X	California-Mexico S. S. Co.....	Do.
McCreary County..	KOQP	300, 600.....	PG-X	U. S. S. B.....	
McKeesport.....	KEXB	300, 450, 600..	PG-X	do.....	I. W. T. Co.
Meanticut.....	KDQH	300, 600, 1800.	PG-X	do.....	S. O. R. S.
Medina.....	KEI	300, 450, 600..	PG-X	Mallory S. S. Co.....	I. W. T. Co.
Melrose.....	KZW	300, 450, 600..	PG-X	New England Fuel & Transpn. Co.	R. C. A.
Melville Dollar..	KDXI	300, 450, 600..	PG-X	Dollar S. S. Line.....	Do.
Memnon.....	KDMI	300, 600, 1800.	PG-X	U. S. S. B.....	S. O. R. S.
Memphis City.....	KDTR	300, 450, 600..	PG-X	U. S. Steel Products Co.....	R. C. A.
Menominee.....	KODL	300, 450, 600..	PG-X	U. S. S. B.....	Do.
Mercer.....	KEPF	300, 450, 600..	PG-X	do.....	Do.
Mercer Victory.....	KIVG	300, 600.....	PG-X	do.....	
Merida.....	KFEN	300, 600.....	PG-X	Atlantic & Caribbean Steam Nav. Co.	Owner of vessel.
Meriden.....	KILP	300, 600.....	PG-X	E. K. Wood Lumber Co.....	
Merrimack.....	KQM	300, 450, 600..	PG-N	Merchants & Miners Transpn. Co.	I. W. T. Co.
Merry Mount.....	KOGX	300, 450, 600..	PG-X	U. S. S. B.....	
Metapan.....	KLF	300, 600, 706..	PG-N	United Fruit S. S. Corp.....	T. R. T. Co.
Meteor.....	KDYJ	300, 600, 706..	PG-X	Meteor S. S. Co.....	R. C. A.
Meton.....	KDBM	300, 450, 600, 1800	PG-X	U. S. S. B.....	
Mevania.....	KDCU	300, 600, 706, 1800	PG-X	Malston Co.....	I. W. T. Co.
Mexican.....	WKL	300, 450, 600..	PG-X	American-Hawaiian S. S. Co..	United American Lines.
Mexicano.....	KGM	300, 450, 600..	PG-X	Pierce Oil Corp.....	R. C. A.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Mexico.....	KWX	300, 450, 600, 706	PG-N	New York & Cuba Mail S. S. Co.	I. W. T. Co.
M. F. Elliott.....	KDNE	300, 600	PG-X	Standard Oil Co.	R. C. A.
Miami.....	KOZ	300, 600	PG-N	Peninsular & Occidental S. S. Co.	Do.
Michael Tracy.....	WMEE	300, 600	PG-X	M. & J. Tracy.....	
Middlebury.....	KZAA	300, 600	PG-X	U. S. S. B.	
Middlesex.....	WRO	300, 450, 600	PG-X	Coastwise Transp. Co.	Do.
Miller County.....	KERX	300, 600, 706	PG-X	Sun Shipbuilding & D. D. Co.	Do.
Millinocket.....	KNM	300, 450, 600, 706	PG-X	A. H. Bull S. S. Co.	I. W. T. Co.
Milwaukee.....	KEXS	300, 600	PG-X	Grand Trunk Car Ferry Line.	
Milwaukee Bridge.....	KIBF	300, 600	PG-X	U. S. S. B.	
Mindoro (revenue cutter).....	KDRS	300, 600	.....	Philippine Insular Government.	
Mineola.....	KSEE	300, 450, 600	PG-X	Grace S. S. Co.	R. C. A.
Minnekahda.....	KDKK	300, 450, 600, 706, 1800	PG-N	Atlantic Transport Co.	I. W. T. Co.
Minnequa.....	KIVB	300, 450, 600	PG-X	U. S. S. B.	Do.
Minnesota.....	WEK	300, 600	PG-X	do.	
Minnesota.....	WMI	300, 450, 600	PG-N	Atlantic Transport Co.	
Minnesotan.....	WKM	300, 450, 600	PG-X	American-Hawaiian S. S. Co.	United American Lines.
Minnewawa.....	KOPG	300, 600	PG-X	U. S. S. B.	R. C. A.
Minooka.....	KOZN	300, 450, 600	PG-X	do.	
Mislanza.....	KOZM	300, 450, 600	PG-X	do.	I. W. T. Co.
Missouri.....	WFX	300, 600	PG-N	Michigan Transp. Co.	R. C. A.
Missourian.....	KFAA	300, 600	PG-X	American-Hawaiian S. S. Co.	United American Lines.
Mitchell.....	KOTF	300, 600	PG-X	U. S. S. B.	
M. J. Scanlon.....	WJAO	300, 450, 600	PG-X	do.	
M. M. Davis.....	KDAG	300, 450, 600	PR-X	C. E. Davis Packing Co.	Owner of vessel.
Mobile City.....	KDCE	300, 450, 600, 706	PG-X	U. S. Steel Products Co.	R. C. A.
Moffitt.....	KDME	300, 600	PG-X	U. S. S. B.	
Mohawk.....	KVM	300, 450, 600, 706	PG-N	Clyde S. S. Co.	I. W. T. Co.
Mohawk.....	KXE	300, 600	PG-X	New England S. S. Co.	Do.
Mohawk.....	KYU	300, 600	P-X	Ralph E. Barry.....	Owner of vessel.
Mohegan.....	WJAO	300, 450, 600	PG-X	New England S. S. Co.	I. W. T. Co.
Mohinkis.....	KKUP	300, 450, 600	PG-X	U. S. S. B.	
Mojave.....	KDSH	300, 600, 1800	PG-X	Genera Petroleum Corp.	Do.
Moline.....	KEXN	300, 600	PG-X	U. S. S. B.	
Momus.....	ICKM	300, 600, 706	PG-N	Southern Pacific Co.	Owner of vessel.
Monasa.....	KFEO	300, 450, 600	PG-X	U. S. S. B.	
Monasses.....	KILX	300, 600	PG-X	do.	I. W. T. Co.
Mongolia.....	WWN	300, 600, 706	PG-N	Atlantic Transport Co.	Do.
Momouth.....	WXUO	300, 450, 600	PG-X	U. S. S. B.	
Monomac.....	KORP	300, 450, 600	PG-X	do.	
Monroe.....	KOSF	300, 600	PG-N	do.	
Montague.....	KOMV	300, 450, 600	PG-X	do.	Do.
Montana.....	KOJF	300, 600	PG-X	Atlantic Transport Co.	Do.
Montauk.....	KIXV	300, 450, 600	PG-X	do.	Do.
Montclair.....	KVII	300, 600	PG-N	U. S. S. B.	
Montebello.....	KDPR	300, 600	PG-X	Union Oil Co.	R. C. A.
Monterey.....	KWY	300, 450, 600	PG-N	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Montfaucon.....	KUQZ	300, 600	PG-X	Independent S. S. Co.	
Montgomery.....	KIJP	300, 450, 600	PG-X	U. S. S. B.	
Montgomery City.....	KDJZ	300, 450, 600	PG-X	U. S. Steel Products Co.	R. C. A.
Monticello.....	WLJ	300, 450, 600	PG-X	American Ship & Commerce Nav. Corp.	United American Lines.
Montpelier.....	WLZ	300, 600	PG-X	do.	Do.
Moonlite.....	KPL	300, 450, 600	PG-X	Pacific S. S. Co.	R. C. A.
Moosehausic.....	KOGD	300, 600	PG-X	U. S. S. B.	
Moositauka.....	KOKG	300, 600	PG-X	do.	
Moravia Bridge.....	KOZG	300, 450, 600	PG-X	do.	
Morristown.....	WGAI	300, 450, 600	PG-X	do.	Do.
Morro Castle.....	KWC	300, 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.	
Mount Baker.....	KYD	300, 600	PG-X	Red Salmon Canning Co.	
Mount Carroll.....	KDQT	300, 450, 600, 706, 1800	PG-N	Shawmut S. S. Co.	United American Lines.
Mount Clay.....	KDBX	300, 450, 600, 706, 1800	PG-X	American Ship & Commerce Nav. Corp.	Do.
Mount Clinton.....	KDRV	300, 450, 600, 706, 1800	PG-N	Shawmut S. S. Co.	Do.
Mount Evans.....	KIMT	300, 450, 600	PG-X	U. S. S. B.	S. O. R. S.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Mount Hope.....	KOL	300,600.....	PG-X	Providence, Fall River & Newport Steamboat Co.	Owner of vessel.
Mount Shasta.....	WHH	300,450,600.	PG-X	U. S. S. B.	
Mount Vernon.....	KDCZ	300,600.....	PG-N	do.	
Mt. Vernon Bridge	KWA	300,600.....	PG-X	do.	
Mulpua.....	KIDJ	300,600.....	PG-X	do.	
Multnomah.....	WMA	300,600.....	PG-N	Chas. R. McCormick S. S. Co.	Do.
Munaires.....	WJN	300,450,600, 706	PG-X	Munson S. S. Lines	R. C. A.
Munalbro.....	KUX	300,450,600, 706	PG-X	Munalbro S. S. Corp.	Do.
Munamar.....	KUI	300,600,1800.	PG-N	Munamar S. S. Corp.	
Munargo.....	KDWH	300,450,600, 706,1800	PG-N	Munargo S. S. Corp.	I. W. T. Co.
Muncove.....	KEMN	300,450,600.	PG-X	Munson S. S. Line	R. C. A.
Mundale.....	KUJ	300,600.....	PG-X	Mundale S. S. Corp.	Do.
Mundelta.....	KUF	300,450,600.	PG-X	Mundelta S. S. Corp.	Do.
Munindies.....	KVE	300,450,600.	PG-X	Munson S. S. Co.	Do.
Munisla.....	KJO	300,600.....	PG-X	Munisla S. S. Corp.	Do.
Munmotor.....	WVOI	300,450,600, 706	PG-X	Munson S. S. Line	Do.
Munplace.....	KUG	300,450,600.	PG-X	Munplace S. S. Corp.	Do.
Munrio.....	KVD	300,450,600, 706	PG-X	Munson S. S. Co.	
Munsomo.....	KUK	300,450,600.	PG-X	Munsomo S. S. Corp.	Do.
Munwood.....	KUH	300,450,600.	PG-X	Munson S. S. Co.	Do.
Muriel.....	KDMO	300,600.....	PG-X	Muriel Motorship Corp	
Mursa.....	KDFT	300,600.....	PG-N	U. S. S. B.	S. O. R. S.
Muscatine.....	KJJI	300,600.....	PG-N	do.	
Muskegon.....	KDGP	300,600.....	PG-X	Muskegon S. S. Corp.	I. W. T. Co.
Muskogee.....	KIB	300,450,600.	PG-X	Standard Oil Co. of N. J.	R. C. A.
Mystic.....	KHZ	300,450,600.	PG-X	Shawmut S. S. Co.	United American Lines.
Nacata.....	KDMM	300,600,1800.	PG-X	U. S. S. B.	
Nacoochee.....	KFP	300,450,600.	PG-X	Ocean S. S. Co.	R. C. A.
Naiwa.....	WCIU	300,450,600.	PG-X	U. S. S. B.	Do.
Namasket.....	KDMI	300,600.....	PG-X	do.	
Nameaug.....	KITN	300,600.....	PG-X	do.	S. O. R. S.
Nancy Weems.....	WVAI	300,600.....	PG-X	Baltimore & Carolina S. S. Co.	
Nanking.....	KKEE	300,450,600.	PG-N	China Mail S. S. Co.	
Nansemond.....	WQR	300,450,600.	PG-N	U. S. S. B.	
Nantahala.....	WGIE	300,600.....	PG-N	do.	
Nantasket.....	WLIO	300,450,600.	PG-X	do.	
Nantucket.....	KQN	300,450,600, 706	PG-N	Merchants & Miners' Transpn. Co.	I. W. T. Co.
Narbo.....	KDIG	300,600,1800.	PG-X	U. S. S. B.	S. O. R. S.
Narcissus.....	KDIH	300,450,600, 1800	PG-X	do.	Do.
Narwhal.....	KDVP	300,600.....	PG-X	Philip Shore	Owner of vessel.
Nashaba.....	KDSM	300,600,1800.	PG-X	U. S. S. B.	S. O. R. S.
National Bridge	KIBG	300,450,600.	PG-X	do.	
Natirar.....	KDKM	300,450,600, 1800	PG-X	do.	Do.
Naugus.....	KUPS	300,450,600.	PG-X	do.	
Nebraskan.....	KXT	300,450,600.	PG-X	American-Hawaiian S. S. Co.	United American Lines.
Nedeva II.....	KDTL	300,600.....		J. F. Lowcock	
Nelson.....	KNL	300,450,600.	PG-X	Cuba Distilling Co.	R. C. A.
Nemaha.....	KUSR	300,600.....	PG-X	U. S. S. B.	
Nepenthe II.....	KFBR	300,600.....		Van Campen Heilner	
Neponset.....	WQIO	300,450,600.	PG-X	U. S. S. B.	
Neptune.....	KUN	300,600.....	PG-X	Neptune Line	
Nesco.....	KEBT	300,600.....	PG-X	U. S. S. B.	
Neshaminy.....	KILN	300,600.....	PG-N	do.	
Neshobee.....	KUNK	300,450,600.	PG-X	do.	
Neuse.....	WLT	300,450,600.	PG-N	do.	
Nevadan.....	WFF	300,450,600.	PG-X	American-Hawaiian S. S. Co.	United American Lines.
New Britain.....	KIRG	300,450,600.	PG-X	Great Northwestern Shipping Corp.	R. C. A.
Newburgh.....	WZUE	300,600.....	PG-X	U. S. S. B.	
New England.....	KUCB	300,450,600.	PG-X	do.	
New Hampshire.....	KXF	300,600.....	PG-X	New England S. S. Co.	I. W. T. Co.
New Haven.....	KXN	300,600.....	PG-X	do.	Do.
New Jersey.....	KDWD	300,450,600.	PG-X	Texas Co.	Do.
New Orleans.....	KDFB	300,450,600.	PG-X	U. S. S. B.	
Newport.....	WVH	300,600.....	PG-N	Pacific Mail S. S. Co.	F. T. Co.
Newton.....	KZX	300,450,600.	PG-X	New England Fuel & Transpn. Co.	R. C. A.
New Windsor.....	KGAE	300,600.....	PG-X	U. S. S. B.	

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
New York.....	KUW	300,450,600..	PG-X	Texas Co.....	I. W. T. Co.
Niagara.....	KFEE	300,600.....	PG-X	American S. S. Co.....	Owner of vessel.
Nile.....	KOSD	300,450,600..	PG-X	U. S. S. B.....	
Nipmuc.....	KOQX	300,600.....	PG-N	do.....	
Nipisc.....	KDJJ	300,600.....		Madrigal & Co.....	
Nishmaha.....	KEVM	300,450,600..	PG-X	U. S. S. B.....	I. W. T. Co.
Nobles.....	KODB	300,450,600..	PG-X	do.....	
Noccalula.....	KORF	300,450,600..	PG-N	do.....	Do.
Nockum.....	KOGJ	300,600.....	PG-X	do.....	
Noddle Island.....	KUKK	300,450,600..	PG-X	do.....	
Nokatay.....	KOCF	300,600.....	PG-X	do.....	
Noma.....	KYO	300,450,600..	PG-X	Rodman Wanamaker.....	
Nonantum.....	KIXP	300,600.....	PG-X	U. S. S. B.....	
Nora.....	KDGG	300,450,600..	PG-X	Grace S. S. Co.....	R. C. A.
Norfolk.....	WZUA	300,450,600..	PG-X	Coastwise Transpn. Corp.....	Do.
Norlina.....	KJE	300,450,600..	PG-X	Garland S. S. Corp.....	Do.
Norma.....	KEKC	300,450,600..	PG-X	Norma S. S. Corp.....	I. W. T. Co.
Norman Bridge.....	WIG	300,450,600..	PG-X	Pan-American Pet. & Transport Co.	R. C. A.
North American...	WEN	300,600.....	PG-N	Chicago, Duluth & Georgian Bay S. S. Co.	Do.
Northern Star.....	KOKC	300,450,600..	PG-X	American Star Line.....	Do.
North King.....	KFEW	300,450,600..	PG-X	Alaska-Portland Packers Assn.	Owner of vessel.
North Land.....	KJD	300,600,706..	PG-N	Eastern S. S. Lines.....	R. C. A.
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.....	
North Pole.....	KELB	300,600.....	PG-N	U. S. S. B.....	
Northwestern.....	WAN	300,600,706..	PG-N	Alaska S. S. Co.....	Do.
Northwest tern Bridge.	KONK	300,600.....	PG-X	U. S. S. B.....	
North Wind.....	KYB	300,600.....	P-X	A. C. Burton.....	Owner of vessel.
Norumbega.....	KOZX	300,450,600..	PG-N	U. S. S. B.....	
Norwood.....	WSG	300,450,600..	PG-X	Pacific-American Fisheries.....	S. O. R. S.
Nourmahal.....	KDTI	300,600.....	PG-X	Vincent Astor.....	R. C. A.
Nuces.....	KEH	300,600.....	PG-X	Mallory S. S. Co.....	I. W. T. Co.
Nushagak.....	WNE	300,600.....	PG-X	Alaska Packers Assn.....	Owner of vessel.
O. A. Hermanson.....	WRA	300,600.....	PG-X	Sunset Fuel Oil Co.....	
Oakland.....	KMOO	300,600.....	PG-N	U. S. S. B.....	
Occidental.....	KSUJ	300,600.....	PG-X	Texas S. S. Co.....	I. W. T. Co.
Octorara.....	WCD	300,450,600..	PG-N	Great Lakes Transit Corp.....	R. C. A.
Oduna.....	KDID	300,600,1800.	PG-X	Alaska S. S. Co.....	S. O. R. S.
Ogontz.....	KINB	300,450,600..	PG-X	U. S. S. B.....	I. W. T. Co.
Ohio.....	KFCFS	300,450,600..	PG-X	E. W. Scripps.....	R. C. A.
Ohioan.....	WKQ	300,600.....	PG-X	American-Hawaiian S. S. Co.	United American Lines.
Ohonkara.....	KURV	300,600.....	PG-X	Carl Tucker.....	Owner of vessel.
Oklahoma City.....	KUMI	300,450,600..	PG-X	U. S. S. B.....	
Oldham.....	KDQG	300,450,600..	PG-X	do.....	
Olen.....	KINR	300,450,600,706	PG-X	do.....	R. C. A.
Oleum.....	WTD	300,600,1800	PG-X	Union Oil Co.....	F. T. Co.
Olympic.....	KDIV	300,600.....	PG-X	E. K. Wood Lumber Co.....	R. C. A.
Oneida.....	KDJO	300,600.....	PG-X	Independent S. S. Co.....	
Oneida.....	KYP	300,450,600..	P-X	International Film Service Co.	Owner of vessel.
Oneida.....	KEZJ	300,450,600..	PG-X	Clyde S. S. Co.....	I. W. T. Co.
Onekama.....	KEDK	300,600.....	PG-X	U. S. S. B.....	
Oneonta.....	WPX	300,450,600..	PG-X	Port of Portland, Oreg.....	Owner of vessel.
Onondaga.....	KDJR	300,600.....	PG-X	Independent S. S. Co.....	
Ontario.....	KQO	300,450,600,706	PG-N	Merchants & Miners Transp. Co.	I. W. T. Co.
Opelika.....	KECL	300,450,600..	PG-X	U. S. S. B.....	
Opequan.....	KIBK	300,600.....	PG-X	do.....	
Ophis.....	KODZ	300,450,600..	PG-X	do.....	R. C. A.
Orani.....	KOBD	300,600.....	PG-X	do.....	
Orcus.....	KISC	300,450,600..	PG-X	do.....	Do.
Oregon.....	WGD	300,600.....	PG-X	Alaska-Pacific Nav. Co.....	
Oregonian.....	WKO	300,450,600,706	PG-X	American-Hawaiian S. S. Co.	United American Lines.
Orient.....	KOLC	300,450,600..	PG-X	Orient S. S. Corp.....	R. C. A.
Orinoco.....	KIMX	300,450,600..	PG-X	Orinoco S. S. Co.....	Do.
Orion.....	WLO	300,450,600..	PG-N	U. S. S. B.....	
Orizaba.....	KMEI	300,450,600,1800	PG-N	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Orleans.....	KIDZ	300,450,600..	PG-X	Orleans S. S. Corp.....	R. C. A.
Ormidale.....	WGB	300,600.....	PG-X	Ormidale S. S. Corp.....	I. W. T. Co.
Oronoke.....	KUNL	300,600.....	PG-X	U. S. S. B.....	
Osage.....	KECN	300,450,600..	PG-X	Clyde S. S. Co.....	Do.
Osaqumsick.....	KEVN	300,600.....	PG-X	U. S. S. B.....	
Osawatomie.....	KEVB	300,600.....	PG-X	do.....	

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Oscar D. Bennett..	WIV	300, 450, 600.	PG-X	Pan-American Pet. & Transp. Co.	R. C. A.
Oscoda.....	KEKT	300, 600.....	PG-X	U. S. S. B.....	.....do.....
Oshkosh.....	WFUU	300, 600.....	PG-X	.....do.....	.....do.....
Oskalooosa.....	WJII	300, 600.....	PG-X	.....do.....	.....do.....
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, 450, 600.	PG-X	.....do.....	R. C. 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	300, 450, 600, 1800	PG-N	.....do.....	.....do.....
Otto M. Reiss.....	WNG	300, 600.....	PG-X	Reiss S. S. Co.....	Do.
O. T. Waring.....	KJW	300, 450, 600.	PG-X	Standard Oil Co. of N. J.....	Do.
Outgamie.....	KULS	300, 600.....	PG-X	Standard Oil Co. of Ind.....	.....do.....
Overbrook.....	KLAE	300, 600.....	PG-X	U. S. S. B.....	.....do.....
Owego.....	KFQ	300, 450, 600.	PG-X	S. F. Cottle.....	Owner of vessel.
Ozama.....	WRX	300, 600.....	PG-X	New York & Porto Rico S. S. Co.	.....do.....
Ozukee.....	WXAA	300, 600.....	PG-N	U. S. S. B.....	.....do.....
Ozette.....	KEVP	300, 450, 600.	PG-X	.....do.....	.....do.....
Pachet.....	KDCH	300, 600.....	PG-N	.....do.....	.....do.....
Pacific.....	KUZV	300, 600, 706.	PG-X	Argonaut S. S. Co.....	R. C. A.
Padnsay.....	KUQG	300, 600.....	PG-X	U. S. S. B.....	.....do.....
Pagasset.....	KDHG	300, 600.....	PG-N	.....do.....	.....do.....
Pailsades.....	KOLV	300, 600.....	PG-N	.....do.....	.....do.....
Pallas.....	KUTJ	300, 450, 600.	PG-X	.....do.....	.....do.....
Palo Alto.....	KDCT	300, 450, 600.	PG-X	.....do.....	.....do.....
Panama.....	KMH	300, 450, 600, 706	PG-N	Panama R. R. Co.....	Owner of vessel.
Panaman.....	WKR	300, 450, 600.	PG-X	American-Hawaiian S. S. Co.....	United American Lines.
Pan America.....	KDWZ	300, 600, 706, 1800	PG-N	U. S. S. B.....	S. O. R. S.
Pan American.....	KUT	300, 450, 600.	PG-X	Texas S. S. Co.....	R. C. A.
Panay.....	KEMJ	300, 450, 600.	PG-N	Madrigal & Co.....	.....do.....
Panola.....	WMUO	300, 450, 600.	PG-X	U. S. S. B.....	.....do.....
Pansa.....	KUZN	300, 600.....	PG-X	.....do.....	.....do.....
Panuco.....	KMM	300, 450, 600.	PG-X	Sinclair Nav. Co.....	Do.
Panuco.....	KWV	300, 450, 600.	PG-X	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Paraquay.....	KTT	300, 600.....	PG-X	Sun Oil Co.....	R. C. A.
Parla.....	KOKQ	300, 450, 600.	PG-X	U. S. S. B.....	Do.
Parlsmina.....	KDG	300, 600.....	PG-N	United Fruit S. S. Corp.....	T. R. T. Co.
Parksville.....	KIZG	300, 450, 600.	PG-X	U. S. S. B.....	.....do.....
Pasadena.....	KMEU	300, 600.....	PG-X	.....do.....	.....do.....
Passale Bridge.....	KIBJ	300, 600.....	PG-X	.....do.....	.....do.....
Pastores.....	KLA	300, 600.....	PG-N	United Fruit S. S. Corp.....	Do.
Patrick Henry.....	KUPM	300, 450, 600.	PG-X	U. S. S. B.....	.....do.....
Paul H. Harwood.....	KJJO	300, 450, 600.	PG-X	Pan-American Pet. & Transp. Co.	R. C. A.
Paul Luckenbach.....	WLY	300, 450, 600.	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Paulsboro.....	KRS	300, 450, 600.	PG-X	Vacuum Oil Co.....	R. C. A.
Paul Shoup.....	KDTE	300, 600.....	PG-X	Union Oil Co.....	Do.
Pawlet.....	KUBL	300, 600.....	PG-X	U. S. S. B.....	Do.
Pawtucket.....	KINZ	300, 450, 600.	PG-X	.....do.....	.....do.....
Peacock.....	KDKY	300, 600.....	PG-X	.....do.....	.....do.....
Pearldon.....	KDLG	300, 450, 600.	PG-X	Atlantic Refining Co.....	S. O. R. S.
Pearl Shell.....	WIC	300, 450, 600, 706	PG-X	Pearl Shell S. S. Co.....	R. C. A.
Peconic.....	KDAF	300, 450, 600.	PR-X	C. E. Davis Packing Co.....	Owner of vessel.
Peekskill.....	KOMX	300, 600.....	PG-X	U. S. S. B.....	.....do.....
Pennant.....	KMP	300, 450, 600.	PG-X	Pierce Oil Corp.....	.....do.....
Pennsylvania.....	KPE	300, 600.....	PG-X	Texas S. S. Co.....	I. W. T. Co.
Pennsylvanian.....	WKP	300, 450, 600, 706	PG-X	American-Hawaiian S. S. Co.....	United American Lines.
Pennsylvania Sun.....	KFFC	300, 600.....	PG-X	Sun Oil Co.....	R. C. A.
Penobscot.....	WXOI	300, 600, 706.	PG-X	Penobscot S. S. Co.....	Do.
Poquonock.....	KXP	300, 450, 600.	PG-X	New England S. S. Co.....	I. W. T. Co.
Peralta.....	KDMJ	300, 600.....	PG-X	U. S. S. B.....	.....do.....
Pere Marquette 8.....	KINL	300, 600.....	PG-X	Pere Marquette R. R. Co.....	R. C. A.
Pere Marquette 17.....	WDA	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.....	KTN	300, 450, 600.	PG-X	Standard Transp. Co.....	Do.
Persian.....	KQX	300, 450, 600, 706	PG-N	Merchants & Miners Transp. Co.	I. W. T. Co.
Peter H. Crowell.....	KEXT	300, 450, 600.	PG-X	Crowell & Thurlow S. S. Co.....	.....do.....

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Peter Kerr.....	KUZT	300,450,600..	PG-X	Columbia Pacific Shipping Co.	Owner of vessel.
Peter Reiss.....	WNX	300,600.....	PG-X	North American S. S. Co.....	R. C. A.
Petoskey.....	WDH	300,600.....	PG-X	Chicago & South Haven S. S. Co.	Do.
Petrel.....	KFDG	300,450,600..	PG-X	Portland Trawling Co.....	Do.
Philadelphia.....	KDA	300,450,600..	PG-N	Atlantic & Caribbean Steam Nav. Co.	Do.
Philadelphia.....	KSM	300,450,600, 706	PG-N	New York-Naples S. S. Co....	I. W. T. Co.
Philippines.....	WAV	300,600.....	PG-N	U. S. S. B.....	
Philip Publicker..	KDEW	300,450,600..	PG-X	Adelphia S. S. Corp.....	R. C. A.
Phoenix.....	WJEO	300,600.....	PG-X	U. S. S. B.....	
Phoenix Bridge..	WFOU	300,600.....	PG-X	.....do.....	
Phyllis.....	KFGR	300,600.....	PG-X	W. R. Chamberlin.....	Do.
Pilgrim.....	KFAH	300,600.....	PG-X	Wm. L. Elkins.....	Do.
Pilgrim.....	KURS	300,600.....	PG-X	Goodrich Transit Co.....	Do.
Pioneer.....	KIG	300,450,600..	PG-X	Standard Oil Co. of N. J.....	Do.
Pioneer.....	KUSS	300,600.....	PG-X	Stuart Packing Co.....	Owner of vessel.
Pioneer.....	WPN	300,600.....	PG-X	Puget Sound Tug Boat Co....	Do.
Pipestone County.	KIMZ	300,450,600..	PG-X	U. S. S. B.....	I. W. T. Co.
Pisco.....	KEQV	300,600.....	PG-X	.....do.....	
Pittsburgh Bridge.	KUKL	300,450,600..	PG-X	.....do.....	
P. J. Reilly.....	KDMY	300,450,600..	PG-X	National Oil & Transport Co..	Do.
Plow City.....	KUCC	300,600.....	PG-X	U. S. S. B.....	
Plymouth.....	KND	300,600,706..	PG-X	Plymouth S. S. Co.....	R. C. A.
Plymouth.....	KXH	300,450,600..	PG-X	New England S. S. Co.....	I. W. T. Co.
Pocantico.....	KDQQ	300,600.....	PG-X	Barron G. Collier.....	S. O. R. S.
Poinsettia.....	KFWH	300,600.....	PG-X	M. H. Whittier Co.....	
Point Adams.....	WES	300,600.....	PG-X	Pacific Mail S. S. Co.....	F. T. Co.
Point Arena.....	WHP	300,600.....	PG-X	Siler Mill Co.....	
Point Bonita.....	WMT	300,600.....	PG-X	Pacific Mail S. S. Co.....	Do.
Point Judith.....	KPAA	300,600.....	PG-X	.....do.....	Do.
Point Lobos.....	KJUI	300,600.....	PG-X	.....do.....	Do.
Point Loma.....	WAU	300,600.....	PG-X	U. S. S. B.....	
Polar Bear.....	WGOE	300,600.....	PG-N	.....do.....	
Polarine.....	KOI	300,450,600..	PG-X	Standard Oil Co. of N. J.....	R. C. A.
Polar Sea.....	KSOA	300,600.....	PG-N	U. S. S. B.....	
Polar Star.....	KELC	300,450,600..	PG-N	.....do.....	
Polillo.....	KDVB	300,600.....	PG-N	Philippine Insular Govern- ment.	
Polybius.....	KIGL	300,600.....	PG-N	U. S. S. B.....	
Polynesia.....	KDXN	300,600.....	PG-X	Pioneer S. S. Co.....	Do.
Pomona.....	KDAT	300,450,600..	PG-X	U. S. S. B.....	Do.
Ponce.....	KGP	300,450,600, 706	PG-N	New York & Porto Rico S. S. Co.	I. W. T. Co.
Pontia.....	KIPC	300,600.....	PG-X	U. S. S. B.....	
Porto Rico.....	WJG	300,450,600, 706	PG-N	New York & Porto Rico S. S. Co.	R. C. A.
Portsmouth.....	KOJV	300,600.....	PG-N	U. S. S. B.....	
Potomac.....	KOKN	300,450,600..	PG-N	.....do.....	
Potter.....	KDFC	300,600.....	PG-X	.....do.....	
Poughkeepsie..	KEZZ	300,600.....	PG-X	.....do.....	
President Adams..	KDRL	300,450,600, 706, 1800	PG-N	.....do.....	I. W. T. Co.
President Arthur..	WLS	300,450,600, 706	PG-N	.....do.....	Do.
President Buchan- an.....	KFGN	300,600.....	PG-N	.....do.....	
President Cleve- land.....	KDCM	300,450,600, 1800	PG-N	.....do.....	S. O. R. S.
President Fillmore	KDCI	300,450,600, 706	PG-N	.....do.....	Do.
President Garfield.	KDTC	300,450,600, 706	PG-N	.....do.....	I. W. T. Co.
President Grant...	KDUT	300,450,600, 1800	PG-N	.....do.....	S. O. R. S.
President Harding.	KDWK	300,450,600..	PG-N	.....do.....	Do.
President Harrison	KDMQ	300,450,600..	PG-N	.....do.....	
President Hayes...	KDLB	300,450,600..	PG-N	.....do.....	I. W. T. Co.
President Jackson.	KDPA	300,450,600, 1800	PG-N	.....do.....	S. O. R. S.
President Jefferson	KDOT	300,450,600, 706, 1800	PG-N	.....do.....	Do.
President Lincoln.	KDUY	300,450,600, 1800	PG-N	.....do.....	Do.
President Madison	KDVR	300,600.....	PG-N	.....do.....	Do.
President McKin- ley.....	KDSL	300,450,600..	PG-N	.....do.....	Do.
President Monroe..	KDAR	300,450,600, 706	PG-N	.....do.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
President Pierce...	KDNV	300, 450, 600, 1800	PG-N	U. S. S. B.	S. O. R. S.
President Polk....	KDOZ	300, 450, 600, 706	PG-N	do.	Do.
President Roosevelt.	KDWS	300, 450, 600, 706, 1800	PG-N	do.	Do.
President Taft.....	KDRW	300, 450, 600, 1800	PG-N	do.	Do.
President Van Buren.	KDHF	300, 450, 600, 706	PG-N	do.	R. C. A.
President Wilson..	KDSV	300, 450, 600, 1800	PG-N	do.	S. O. R. S.
Price McKinney...	KDXR	300, 600	PG-X	Pioneer S. S. Co.	R. C. A.
Princeton.....	KST	300, 450, 600	PG-X	Standard Oil Co. of N. J.	Do.
Priscilla.....	KXI	300, 450, 600	PG-N	New England S. S. Co.	I. W. T. Co.
Proctor.....	KEPQ	300, 600	PG-X	U. S. S. B.	Do.
Providence.....	KXJ	300, 450, 600	PG-X	New England S. S. Co.	Do.
Provincetown.....	KDFE	300, 600	PG-N	U. S. S. B.	Do.
Prusa.....	KELQ	300, 450, 600	PG-X	do.	Do.
Puget Sound.....	WER	300, 450, 600, 706	PG-X	do.	Do.
Puritan.....	WDU	300, 600	PG-X	Chicago, Racine & Milwaukee Line.	R. C. A.
Putnam.....	KIXQ	300, 600	PG-X	U. S. S. B.	Do.
Python.....	WNIO	300, 450, 600	PG-X	do.	Do.
Quaker City.....	KOZL	300, 450, 600, 706	PG-X	do.	S. O. R. S.
Quantico.....	KQQ	300, 450, 600	PG-X	Merchants & Miners Transp. Co.	I. W. T. Co.
Queen.....	WGX	300, 600	PG-N	Pacific S. S. Co.	R. C. A.
Queen II.....	WOY	300, 600	P-X	Central Illinois Public Service Co. and Wm. F. Gilman.	Owner of vessel.
Quillwark.....	KUZM	300, 450, 600	PG-X	U. S. S. B.	Do.
Quinault.....	KDND	300, 600	PG-X	Hart-Wood Lumber Co.	Do.
Quincy.....	KFEF	300, 600	PG-X	Quincy S. S. Co.	Do.
Quinnipiac.....	KOQT	300, 600	PG-X	U. S. S. B.	Do.
Quinstonck.....	WREI	300, 450, 600	PG-X	do.	I. W. T. Co.
Quittacas.....	WRUO	300, 600	PG-X	do.	Do.
Radiant.....	KTR	300, 450, 600	PG-X	Standard Transp. Co.	R. C. A.
Radnor.....	KJUE	300, 600	PG-X	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	Rajah S. S. Co.	R. C. A.
Ransom B. Fuller	KRF	300, 600, 706	PG-X	Eastern S. S. Lines.	Do.
Rappahannock.....	WQQ	300, 600	PG-N	U. S. S. B.	Do.
Rayo.....	KTL	300, 600	PG-X	Standard Transp. Co.	Do.
Reaper.....	KDLG	300, 450, 600	PG-X	Texas S. S. Co.	Do.
Red Mountain.....	KOTQ	300, 450, 600	PG-X	U. S. S. B.	Do.
Redondo.....	WBM	300, 600	PG-X	Alaska S. S. Co.	S. O. R. S.
Redwood.....	WSD	300, 450, 600	PG-N	Pacific American Fisheries Co.	Do.
Relay.....	KVZ	300, 450, 600	P-X	All America Cable Co.	I. W. T. Co.
Reliance.....	KDYE	300, 450, 600, 1800	PG-N	Atlantic Mail Corp.	United American Lines.
Relief.....	KRJ	300, 600	PG-X	Merritt & Chapman Derrick & Wrecking Co.	S. O. R. S.
Remlik III.....	KZR	300, 600	PG-X	Willis S. Kilmer	Owner of vessel.
Remus.....	KEBX	300, 450, 600	PG-X	U. S. S. B.	Do.
Republic.....	WSU	300, 450, 600	PG-X	Chile S. S. Co.	I. W. T. Co.
Resolute.....	KDYA	300, 600, 1800	PG-N	Atlantic Mail Corp.	United American Lines.
Resolute.....	KRM	300, 450, 600	PG-X	Merritt & Chapman Derrick & Wrecking Co.	Owner of vessel.
Restless.....	KFGW	300, 600	PG-N	A. S. Cochrane.	Do.
Restorer.....	WIU	300, 450, 600	P-N	Commercial Pacific Cable Co.	R. C. A.
Reuce.....	WSR	300, 600	PG-X	Columbia River Packers' Association.	Owner of vessel.
Richard J. Reiss..	WNK	300, 600	PG-X	Reiss S. S. Co.	R. C. A.
Richard Peck.....	KXR	300, 600	PG-X	New England S. S. Co.	Do.
Richconcal.....	KUTX	300, 450, 600, 706	PG-X	Beacon Oil Co.	Do.
Richmond.....	KDOQ	300, 600	PG-X	Aiken Towboat & Barge Co.	S. O. R. S.
Richmond.....	WTR	300, 450, 600, 706	PG-X	Standard Oil Co., of Calif.	R. C. A.
Ripon.....	KUGM	300, 450, 600	PG-X	U. S. S. B.	Do.
Ripple.....	KDUN	300, 450, 600	PG-X	A. J. McAllister	S. O. R. S.
Riverside Bridge..	KUCD	300, 600	PG-X	U. S. S. B.	Do.
R. J. Hanna.....	KDRD	300, 600	PG-X	Standard Oil Co. of Calif.	R. C. A.
Roanoke.....	KOXV	300, 600	PG-X	Texas S. S. Co.	I. W. T. Co.
Robert E. Hopkins	KDVE	300, 600	PG-X	Tidewater Oil Co.	R. C. A.
Robert Lewers....	KFDQ	300, 600	PG-X	Lewers & Cooke	Owner of vessel.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Robert Luckenbach.	KUKS	300,800.....	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Robert M. Thompson.	KNW	300,800.....	PG-X	American Transpn. Co.....	
Robert P. Clark...	KTH	300,450,600..	PG-X	Gulf Refining Co.....	I. W. T. Co.
Robin Adair.....	KOVM	300,450,600..	PG-X	Seas Shipping Co.....	S. O. R. S.
Robin Goodfellow..	KUBN	300,800.....	PG-X	Robin Line S. S. Co.....	Do.
Robin Gray.....	KOXT	300,450,600..	PG-X	do.....	Do.
Robin Hood.....	KOTM	300,600,708..	PG-X	Seas Shipping Co.....	Do.
Rochester.....	KUTZ	300,450,600..	PG-X	Vacuum Oil Co.....	R. C. A.
Rockaway Park....	KIZZ	300,450,600,708	PG-X	U. S. S. B.....	I. W. T. Co.
Rock Island.....	KIND	300,800.....	PG-X	do.....	
Rockport.....	KOZD	300,450,600..	PG-X	do.....	
Rodman Swift.....	KDKQ	200,300,600..	P-X	Submarine Signal Co.....	Owner of vessel.
Romagne.....	KDJX	300,600.....	PG-X	Independent S. S. Co.....	R. C. A.
Romulus.....	KIDR	300,600.....	PG-X	U. S. S. B.....	
Roosevelt.....	KFHN	300,450,600..	PG-X	West Coast Transpn. Co.....	Owner of vessel.
Rose City.....	WRH	300,600.....	PG-N	San Francisco & Portland S. S. Co.	R. C. A.
Rotarian.....	KDCF	300,450,600..	PG-X	U. S. S. B.....	Do.
Rowena.....	KFDN	300,600.....		Morrill Goddard.....	
Royal Arrow.....	KSW	300,450,600..	PG-N	Standard Transpn. Co.....	Do.
Ruby.....	KOBC	300,600.....	PG-X	American Transpn. Co.....	
Rush.....	WNR	300,600.....	PG-X	Everett Packing Co.....	Owner of vessel.
Rushville.....	KUDS	300,800.....	PG-X	U. S. S. B.....	
Ruth.....	KZQ	300,450,600..	PG-X	A. H. Bull S. S. Co.....	I. W. T. Co.
Ruth Alexander....	WDR	300,450,600..	PG-X	Robert Dollar Co.....	R. C. A.
Ruth E. Merrill....	KQU	300,450,600..	PG-X	A. W. Frost.....	Owner of vessel.
Sabine Sun.....	WLQ	300,450,600..	PG-X	Sun Oil Co.....	R. C. A.
Sabotawan.....	KIJJ	300,450,600..	PG-X	U. S. S. B.....	S. O. R. S.
Sacandaga.....	KESC	300,450,600..	PG-X	do.....	R. C. A.
Saccarappa.....	WGOI	300,450,600..	PG-X	do.....	I. W. T. Co.
Sac City.....	KEFB	300,450,600..	PG-X	do.....	Do.
Saco.....	KEPT	300,450,600..	PG-X	do.....	S. O. R. S.
Sacramento.....	KWV	300,600.....	PG-X	Sacramento S. S. Co.....	
Sagadahoc.....	KTUO	300,600,706..	PG-X	Sagadahoc S. S. Corp.....	Do.
Sagaporack.....	KZIU	300,450,600..	PG-X	U. S. S. B.....	I. W. T. Co.
Sag Harbor.....	WPAE	300,450,600..	PG-X	do.....	
Sagua.....	KVO	300,450,600..	PG-N	Sagamo S. S. Corp.....	Do.
Saguache.....	KEKL	300,450,600..	PG-X	U. S. S. B.....	R. C. A.
Sahale.....	KEPR	300,450,600..	PG-X	do.....	Do.
St. Anthony.....	KUBM	300,450,600..	PG-X	do.....	Do.
St. Augustine.....	KIKJ.	300,600.....	PG-X	do.....	Do.
St. Heliers.....	KFFS	300,450,600..	PG-X	Huasteca Petroleum Co.....	Do.
St. Johns County..	KIKG	300,600.....	PG-X	U. S. S. B.....	
St. Katherine.....	KFHE	300,600.....	PG-X	Red Salmon Canning Co.....	Owner of vessel.
St. Michael.....	KFCO	300,600.....	PG-X	Nicola Filiberto.....	
St. Nicholas.....	WSS	300,600.....	PG-X	Columbia River Packers' Assn.	Do.
St. Paul.....	KSO	300,450,600..	PG-N	International Mercantile Marine Co	
Standard.....	KIC	300,450,600..	PG-X	Standard Oil Co. of N. J.....	R. C. A.
Salaam.....	KURP	300,450,600..	PG-X	U. S. S. B.....	I. W. T. Co.
Salaverry.....	KEQX	300,600.....	PG-X	do.....	
Salina County.....	KODR	300,450,600..	PG-X	Galena Navigation Co.....	R. C. A.
Salina.....	KUZQ	300,450,600..	PG-X	U. S. S. B.....	S. O. R. S.
Salvation Lass....	KIMN	300,450,600..	PG-X	do.....	Do.
Samoa.....	KTUI	300,450,600..	PG-X	Hammoud Lumber Co.....	
Samuel L. Fuller...	KDMS	300,600.....	PG-X	Sinclair Navigation Corp.....	R. C. A.
Samuel Mitchell...	WEJ	300,600.....	PG-X	Huron Transpn. Co.....	Do.
Samuel Q. Brown...	KDVO	300,450,600..	PG-X	Tide Water Oil Co.....	
San Antonio.....	KOMN	300,600.....	PG-X	American Finance & Commerce Co.	Owner of vessel.
San Diego.....	KUBF	300,600.....	PG-X	Hart-Wood Lumber Co.....	Do.
San Francisco.....	KRT	300,450,600..	PG-X	U. S. Steel Products Co.....	R. C. A.
Sanangon.....	WJAA	300,450,600..	PG-X	U. S. S. B.....	Do.
San Jacinto.....	KEAS	300,450,600,708	PG-N	Mallory S. S. Co.....	I. W. T. Co.
San Jose.....	KDJ	300,600.....	PG-X	United Fruit S. S. Corp.....	T. R. T. Co.
San Juan.....	KGJ	300,450,600..	PG-X	New York & Porto Rico 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	300,600,706..	PG-N	New York & Porto Rico S. S. Co.	I. W. T. Co.
San Mateo.....	KLW	300,600.....	PG-X	United Fruit S. S. Co.....	T. R. T. Co.
San Pasqual.....	KUXC	300,450,600..	PG-X	U. S. S. B.....	
San Ramon.....	WNW	300,600.....	PG-X	Mexican Fruit & S. S. Corp...	Wireless Service Co.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Santa Ana.....	WAL	300, 600.....	PG-X	Santa Ana S. S. Co.....	S. O. R. S.
Santa Ana.....	WBX	300, 450, 600, 706	PG-N	Grace S. S. Co.....	R. C. A.
Santa Barbara.....	WBJ	300, 450, 600.....	PG-X	.....do.....	Do.
Santa Cecilia.....	WBB	300, 450, 600, 706	PG-X	Planet S. S. Corp.....	Do.
Santa Clara.....	WBA	300, 450, 600, 706	PG-X	Atlantic & Pacific S. S. Co.....	Do.
Santa Cruz.....	WBD	300, 450, 600.....	PG-N	.....do.....	Do.
Santa Elisa.....	KIGQ	300, 450, 600, 706	PG-N	Grace S. S. Co.....	Do.
Santa Eulalia.....	KDDY	300, 450, 600.....	PG-X	American & Cuban S. S. Line.....	Do.
Santa Flavia.....	KRUI	300, 450, 600.....	PG-X	International Packing Co.....	Do.
Santa Inez.....	WST	300, 450, 600.....	PG-X	Andrew F. Mahony.....	Do.
Santa Isabel.....	KDBV	300, 450, 600, 706	PG-X	American & Cuban S. S. Line.....	Do.
Santa Luisa.....	KJEU	300, 450, 600.....	PG-N	Grace S. S. Co.....	Do.
Santa Malta.....	KTBN	300, 450, 600, 706	PG-X	Atlantic & Pacific S. S. Co.....	Do.
Santa Marta.....	KLK	300, 600.....	PG-N	United Fruit Co.....	T. R. T. Co.
Santanta.....	KZS	300, 600.....	P-X	Osborne Howes.....	Owner of vessel.
Santa Olivia.....	KQII	300, 450, 600.....	PG-X	Atlantic & Pacific S. S. Co.....	R. C. A.
Santa Paula.....	WBQ	300, 600, 706.....	PG-X	Grace S. S. Co.....	Do.
Santa Rosa.....	WBO	300, 450, 600, 706	PG-X	.....do.....	Do.
Santa Rosalia.....	KLO	300, 450, 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, 450, 600, 706	PG-N	.....do.....	Do.
Santa Veronica.....	KDHT	300, 450, 600.....	PG-X	American & Cuban S. S. Line.....	Do.
Santiago.....	KWE	300, 450, 600.....	PG-X	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Santore.....	KDQ	300, 450, 600.....	PG-X	Guaranty Trust Co.....	R. C. A.
Sapinero.....	KZSG	300, 450, 600.....	PG-X	U. S. S. B.....	Do.
Sarah Weems.....	WQJ	300, 600.....	PG-X	Baltimore & Carolina S. S. Co.....	T. R. T. Co.
Saramacca.....	KLH	300, 450, 600.....	PG-N	United Fruit S. S. Corp.....	I. W. T. Co.
Sarcoix.....	WLA A	300, 450, 600.....	PG-X	U. S. S. B.....	R. C. A.
Satardia.....	KIDC	300, 450, 600.....	PG-X	.....do.....	R. C. A.
Satsuma.....	KJI	300, 450, 600.....	PG-X	New York & Oriental S. S. Co.....	Do.
Saucon.....	WBK	300, 450, 600, 706	PG-X	U. S. S. B.....	I. W. T. Co.
Saugerties.....	WAB	300, 450, 600.....	PG-X	.....do.....	S. O. R. S.
Saugus.....	KIBQ	300, 450, 600, 706	PG-X	.....do.....	I. W. T. Co.
Sawolia.....	KDBW	300, 450, 600.....	PG-X	.....do.....	Do.
Saxon.....	WZEA	300, 600.....	PG-X	Clinchfield Navigation Co.....	R. C. A.
S. B. Hunt.....	KIPR	300, 450, 600.....	PG-X	S. O. Co. of N. J.....	Do.
Scantic.....	KILR	300, 450, 600.....	PG-X	U. S. S. B.....	I. W. T. Co.
Schenectady.....	WJUI	300, 450, 600, 706	PG-X	.....do.....	R. C. A.
Schodack.....	KEVT	300, 450, 600, 706	PG-X	.....do.....	Do.
Schoharie.....	KEVV	300, 450, 600, 706	PG-X	.....do.....	S. O. R. S.
Schoodic.....	KTDQ	300, 450, 600.....	PG-X	.....do.....	I. W. T. Co.
Schroon.....	KIJM	300, 450, 600.....	PG-X	.....do.....	Do.
Schuykill Bridge.....	KUKC	300, 450, 600.....	PG-X	.....do.....	Do.
Scottsburg.....	KOMM	300, 450, 600.....	PG-X	.....do.....	R. C. A.
S. C. T. Dodd.....	KDML	300, 600.....	PG-X	S. O. Co. of Cal.....	Do.
Sea Gull.....	KFCW	300, 450, 600.....	PG-X	Portland Trawling Co.....	Do.
Sea Lion.....	KDOJ	300, 600.....	PG-X	Ship Owners & Merchants Tugboat Co.	S. O. R. S.
Sea Monarch.....	KDQU	300, 600.....	PG-X	.....do.....	Owner of vessel.
Sea Ranger.....	KDSQ	300, 450, 600.....	PG-X	.....do.....	Do.
Sea Scout.....	KDSY	300, 450, 600.....	PG-X	.....do.....	Do.
Seattle Spirit.....	KISD	300, 450, 600.....	PG-X	U. S. S. B.....	S. O. R. S.
Seaward.....	KFEH	300, 600.....	PG-X	C. B. DeMille Productions.....	Do.
Sebonac.....	KUVF	300, 450, 600.....	PG-X	Thos. A. Howell.....	I. W. T. Co.
Security.....	KSJ	300, 600.....	PG-X	Standard Oil Co. of N. Y.....	Do.
Seelandee.....	WFS	300, 450, 600.....	PG-X	Cleveland & Buffalo Transit Co.	R. C. A.
Seekonk.....	KIGF	300, 450, 600.....	PG-X	U. S. S. B.....	Do.
Seiner.....	KFDK	300, 450, 600.....	PG-X	Portland Trawling Co.....	Do.
Selma City.....	KDRI	300, 450, 600.....	PG-X	U. S. Steel Products Co.....	Do.
Seminole.....	KUGP	300, 600.....	PG-X	U. S. S. B.....	Do.
Senator Bailey.....	KGS	300, 450, 600.....	PG-X	Gulf Refining Co.....	I. W. T. Co.
Severance.....	KXOE	300, 600.....	PG-X	Union Sulphur Co.....	Owner of vessel.
Sewalls Point.....	KGX	300, 450, 600.....	PG-X	Caster, Curran & Bullitt.....	Do.
Sharon.....	KIRK	300, 600.....	PG-X	U. S. S. B.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
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.....	Do.
Shipping Board vessels (general call).	KSBV				
Shickshinny.....	KIZP	300, 450, 600..	PG-X	U. S. S. B.....	Do.
Shooters Island.....	KERG	300, 450, 600..	PG-X	.....do.....	
Shortsville.....	KIKK	300, 600.....	PG-X	.....do.....	
Shreveport.....	WGAO	300, 450, 600..	PG-X	.....do.....	R. C. A.
Sialia.....	WFY	300, 600, 706, 909, 1713	PG & PR-X	Henry Ford.....	Owner of vessel.
Siboney.....	WRN	300, 450, 600, 706, 1800	PG-N	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Sidney M. Hauptman.	KUVD	300, 450, 600..	PG-X	McCormick Intercoastal S. S. Co.	Do.
Sierra.....	FRW	300, 600.....	PG-X	S. S. Freeman.....	Owner of vessel.
Sietz.....	KODG	300, 600.....	PG-X	U. S. S. B.....	
Silverbrook.....	KIBC	300, 600.....	PG-X	.....do.....	
Silver Shell.....	WIA	300, 450, 600..	PG-X	Silver Shell S. S. Co.....	R. C. A.
Sinasta.....	KDAC	300, 450, 600..	PG-X	U. S. S. B.....	I. W. T. Co.
Sinsinawa.....	KOJD	300, 450, 600..	PG-X	.....do.....	R. C. A.
Sioux City.....	KUGK	300, 450, 600..	PG-X	.....do.....	
Sioux Falls.....	KONN	300, 600.....	PG-X	.....do.....	
Sir ThomasShaughnessy.	WFV	300, 600.....	PG-X	Jenkins S. S. Co.....	Do.
Siskiyou.....	KDAS	300, 600.....	PG-X	E. K. Wood Lumber Co.....	Owner of vessel.
Sixala.....	KDS	300, 600, 706, 1800	PG-N	United Fruit S. S. Corp.....	T. R. T. Co.
Skagway.....	WAT	300, 600.....	PG-X	Alaska S. S. Co.....	S. O. R. S.
S. M. Fischer.....	WPH	300, 600.....	PG-X	Reid Towing & Wrecking Co.	
S. M. Spalding.....	WKG	300, 450, 600..	PG-X	Pan American Petroleum and Transport Co.	R. C. A.
S. O. Co. No. 93.....	WTY	300, 600.....	PG-X	Standard Oil Co. of Calif.....	Do.
S. O. Co. No. 95.....	WTZ	300, 450, 600..	PG-X	.....do.....	Do.
Socony.....	KTX	300, 450, 600..	PG-X	Standard Transpn. Co.....	Do.
Socony 82.....	KVAI	300, 450, 600..	PG-X	.....do.....	Do.
Socony 83.....	KVAO	300, 600, 706..	PG-X	Standard Oil Co. of N. Y.	Do.
Socony 84.....	WCOE	300, 450, 600..	PG-X	Standard Transpn. Co.....	Do.
Socony 85.....	WKAE	300, 450, 600..	PG-X	.....do.....	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.....	WTOI	300, 450, 600..	PG-X	.....do.....	Do.
Solana.....	KDQJ	300, 600, 1800	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. A.
Sonoma.....	WHM	300, 600, 1800	PG-N	Oceania S. S. Co.....	F. T. Co.
South American.....	WEO	300, 600.....	PG-N	Chicago, Duluth & Georgian Bay S. S. Co.	R. C. A.
Southern Cross.....	KDTZ	300, 450, 600, 706, 1800	PG-N	U. S. S. B.....	S. O. R. S.
Southlands.....	KOKS	300, 450, 600, 706	PG-X	Lone Star S. S. Co.....	Do.
South Pole.....	WDIA	300, 600.....	PG-N	U. S. S. B.....	
Southseas.....	KUFG	300, 450, 600..	PG-X	Lone Star S. S. Co.....	R. C. A.
Speejacks.....	KDUF	300, 450, 600..	P-X	Albert Y. Gowen.....	
Spray.....	KDWJ	300, 450, 600..	PG-X	Anthony J. McAllister.....	Do.
Spray.....	KDYB	300, 450, 600..	PG-X	John F. Gray.....	Owner of vessel.
Springfield.....	KUTR	300, 450, 600..	PG-X	U. S. S. B.....	R. C. A.
Standard.....	KXOI	300, 450, 600..	PG-X	Standard Transpn. Co.....	
Standard II.....	KSA	300, 600.....	PG-X	Standard Oil Co. of N. Y.	
Standard Arrow.....	KSV	300, 450, 600..	PG-N	Standard Transpn. Co.....	Do.
Standard Oil Co. vessels (general call).	KSOC			Standard Oil Co.....	
Standug No. 1.....	KOQM	300, 450, 600..	PG-X	Standard Oil Co. of N. J.....	
Stanley.....	KISJ	300, 450, 600..	PG-X	U. S. S. B.....	
Stanley Dollar.....	WLM	300, 450, 600..	PG-X	Robert Dollar Co.....	I. W. T. Co.
Stanwood.....	KFFW	300, 450, 600..	PG-X	W. R. Chamberlain.....	R. C. A.
Star 1.....	WRIO	300, 600.....	PG-X	U. S. Whaling Co.....	Owner of vessel.
Star of France.....	KFFH	300, 450, 600..	PG-X	Alaska Packers Assn.....	Do.
Star of Greenland.....	KERF	300, 600.....	PG-X	.....do.....	Do.
Star of Holland.....	KUGQ	300, 600.....	PG-X	.....do.....	Do.
Star of Italy.....	KFFI	300, 450, 600..	PG-X	.....do.....	Do.
Star of Lapland.....	KXOA	300, 600.....	PG-X	.....do.....	Do.
Star of Russia.....	KFFJ	300, 450, 600..	PG-X	.....do.....	Do.
Star of Scotland.....	KFFK	300, 450, 600..	PG-X	.....do.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Starr.....	WPS	300,600.....	PG-X	San Juan Fishing & Packing Co.	S. O. R. S.
State of Ohio.....	WFR	300,600.....	PG-X	Cleveland & Buffalo Transit Co.	R. C. A.
Steadfast.....	WDEO	300,450,600..	PG-X	U. S. S. B.....	I. W. T. Co.
Steel Age.....	KOXX	300,450,600..	PG-X	U. S. Steel Products Co.....	R. C. A.
Steel Engineer.....	KDCX	300,450,600..	PG-X	do.....	Do.
Steel Exporter.....	KDDN	300,450,600, 706	PG-X	do.....	Do.
Steel Inventor.....	KDJL	300,600.....	PG-X	do.....	Do.
Steelmaker.....	KOXX	300,450,600..	PG-X	do.....	Do.
Steel Mariner.....	KUVK	300,600.....	PG-X	do.....	Do.
Steel Navigator.....	KDWL	300,450,600..	PG-X	do.....	Do.
Steelore.....	KFCG	300,600.....	PG-X	Guaranty Trust Co. of N. Y. trustee.	Do.
Steel Ranger.....	KDGL	300,450,600..	PG-X	U. S. Steel Products Co.....	Do.
Steel Scientist.....	KDVV	300,450,600..	PG-X	do.....	Do.
Steel Seafarer.....	KDVN	300,450,600, 706	PG-X	do.....	Do.
Steel Trader.....	KUVL	300,450,600..	PG-X	do.....	Do.
Steel Traveler.....	KFCI	300,450,600..	PG-X	do.....	Do.
Steel Voyager.....	KUFN	300,450,600, 706	PG-X	do.....	I. W. T. Co.
Steel Worker.....	KDBJ	300,450,600, 706	PG-X	do.....	R. C. A.
Stellaris.....	KIFL	300,450,600..	PG-X	Stella F. Schlotman.....	Do.
Stephen M. Clement.	KFBX	300,600.....	PG-X	American S. S. Co.....	
Stephen R. Jones..	KXX	300,450,600, 706	PG-X	Crowell & Thurlow S. S. Co.....	Owner of vessel.
Stockton.....	KDDS	300,600,1800.	PG-X	U. S. S. B.....	S. O. R. S.
Storm King.....	KDJM	300,450,600..	PG-N	do.....	
Storm King.....	KOGM	300,600.....	PG-X	Rolph Navigation & Coal Co.....	Owner of vessel.
Stuart Dollar.....	KDXD	300,450,600..	PG-X	Dollar S. S. Line.....	R. C. A.
Stuyvesant.....	WJP			Panaman Government.....	
Suboatco.....	KURZ	300,450,600..	PG-X	Submarine Boat Corp.....	Do.
Sucarseco.....	KUPB	300,450,600..	PG-X	do.....	Do.
Sucrosa.....	KNS	300,450,600..	PG-X	Cuba Distilling Co.....	Do.
Sucubaco.....	KDQL	300,600.....	PG-X	Submarine Boat Corp.....	Do.
Sudawsonco.....	KDFJ	300,450,600..	PG-X	do.....	Transmarine Corp.
Sudbury.....	KRZ	300,450,600, 706	PG-X	Shawmut S. S. Co.....	United American Lines.
Suduffco.....	KDDO	300,600.....	PG-X	Submarine Boat Corp.....	
Suduroco.....	KDEY	300,450,600..	PG-X	do.....	R. C. 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 Transpn. Co.....	Do.
Sugillenco.....	KDLS	300,600.....	PG-X	Submarine Boat Corp.....	
Suholco.....	KUZF	300,450,600..	PG-X	do.....	Do.
Sujameco.....	KDLF	300,600.....	PG-X	do.....	
Sujerseyco.....	KDNH	300,600.....	PG-X	do.....	Transmarine Corp.
Sulanierco.....	KDFI	300,450,600..	PG-X	do.....	R. C. A.
Sumanco.....	KDDH	300,600.....	PG-X	do.....	Do.
Summerleaf.....	KUGR	300,450,600..	PG-X	U. S. S. B.....	
Sun.....	KTU	300,600.....	PG-X	Sun Oil Co.....	Do.
Sunbeam.....	KODC	300,600.....	PG-X	Sun Co.....	Do.
Sundance.....	KORD	300,600.....	PG-X	U. S. S. B.....	I. W. T. Co.
Sunelseco.....	KUSC	300,450,600..	PG-X	Submarine Boat Corp.....	R. C. A.
Sunewarkco.....	KDNI	300,600.....	PG-X	do.....	Do.
Sunewco.....	KDBR	300,450,600, 706	PG-X	do.....	Do.
Sunlite.....	KPQ	300,450,600..	PG-X	Standard Oil Co. of N. J.....	Do.
Sunoil.....	KWP	300,450,600..	PG-X	Sun Oil Co.....	Do.
Sunungento.....	KDNX	300,600.....	PG-X	Submarine Boat Corp.....	Transmarine Corp.
Suphenco.....	KDRP	300,600.....	PG-X	do.....	
Suportco.....	KUZK	300,600.....	PG-X	do.....	R. C. A.
Surailco.....	KDBS	300,600.....	PG-X	do.....	Do.
Surenico.....	KDHB	300,600.....	PG-X	do.....	
Suricho.....	KDHA	300,450,600..	PG-X	do.....	Do.
Surico.....	KDDP	300,450,600..	PG-X	do.....	Do.
Surinam.....	KDCY	300,450,600..	PG-X	U. S. S. B.....	S. O. R. S.
Surinamc.....	KLI	300,450,600, 706	PG-N	United Fruit S. S. Corp.....	T. R. T. Co.
Suruga.....	KGD	300,450,600..	PG-X	New York & Oriental S. S. Co.	R. C. A.
Susana II.....	KEMG	300,450,600..	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.....	
Susperco.....	KDPC	300,600.....	PG-X	do.....	Do.
Susquehanna.....	KOLN	300,450,600, 706	PG-N	U. S. S. B.....	I. W. T. Co.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Susquehanna.....	WEM	300,450,600..	PG-X	Herman Kaczyk.....	R. C. A.
Sutermco.....	KDDI	300,450,600..	PG-X	Submarine Boat Corp.....	Do.
Sutherland.....	WTJ	300,600.....	PG-X	U. S. S. B.....	Do.
Sutorpco.....	KDBQ	300,450,600..	PG-X	Submarine Boat Corp.....	Do.
Sutransco.....	KUZG	300,450,600..	PG-X	do.....	Do.
Suvarinco.....	KDLL	300,600.....	PG-X	do.....	Do.
Suwled.....	KOXC	300,600.....	PG-X	U. S. S. B.....	Do.
S. V. Harkness.....	KEU	300,450,600..	PG-X	Standard Oil Co. of N. J.....	Do.
Suwordenco.....	KDLE	300,600.....	PG-X	Submarine Boat Corp.....	Do.
Swift Arrow.....	KDOB	300,450,600..	PG-X	Swiftsure Oil Transport Co.....	Do.
Swiftteagle.....	KDRK	300,450,600..	PG-X	do.....	Do.
Swiftlight.....	KDSA	300,450,600..	PG-X	do.....	Do.
Swift Scout.....	KDQV	300,600.....	PG-X	do.....	Do.
Swiftstar.....	KDPF	300,450,600..	PG-X	do.....	Do.
Swiftsure.....	KDNG	300,450,600..	PG-X	do.....	Do.
Swift Wind.....	KDSI	300,450,600..	PG-X	do.....	Do.
Sylvan Arrow.....	KSX	300,450,600..	PG-X	Standard Transpn. Co.....	Do.
Syros.....	KDEC	300,600.....	PG-X	U. S. S. B.....	Do.
Tachira.....	KDKI	300,450,600..	PG-X	Atlantic & Caribbean Steam Navigation Co.....	Owner of vessel.
Tamarack IV.....	KFBW	300,450,600..	PG-X	Dr. H. N. Torrey.....	R. C. A.
Tamesi.....	WTE	300,450,600..	PG-X	Sinclair Navigation Co.....	Do.
Tamiahua.....	KDVA	300,450,600..	PG-X	Southern Pacific Co.....	Owner of vessel.
Tampa.....	KOVX	300,450,600..	PG-X	U. S. S. B.....	Do.
Tampa.....	KVK	300,450,600..	PG-N	Gulf & Southern S. S. Co.....	R. C. A.
Tanamoo.....	KVN	300,450,600, 706	PG-X	Sagamo S. S. Corp.....	I. W. T. Co.
Tancarville.....	KUKM	300,600.....	PG-X	Philippine Vegetable Oil Co.....	R. C. A.
Tartar.....	KEKS	300,600.....	PG-X	U. S. S. B.....	S. O. R. S.
Tashmoo.....	KOXD	300,600.....	PG-X	do.....	Do.
Tavernilla.....	KEMT	300,600.....	PG-X	Panama Canal	Do.
Tecomate.....	KDST	300,600.....	PG-X	Atlantic Gulf Oil Corp.....	Do.
Tekoa.....	KOXF	300,600.....	PG-X	U. S. S. B.....	Do.
Tenaflv.....	KOZF	300,600.....	PG-N	do.....	Do.
Terre Haute.....	KOPJ	300,600.....	PG-X	do.....	Do.
Texan.....	WKT	300,600.....	PG-X	American-Hawaiian S. S. Co.....	United American Lines.
Texarkana.....	KOCD	300,600.....	PG-X	U. S. S. B.....	Do.
Texas.....	KUM	300,600.....	PG-X	Texas Co.....	I. W. T. Co.
The Angeles.....	KUJB	300,450,600..	PG-X	U. S. S. B.....	Do.
The Harvester.....	WCR	300,450,600..	PG-X	International Harvester Co.....	R. C. A.
The Lambs.....	KEBZ	300,450,600..	PG-X	U. S. S. B.....	I. W. T. Co.
Theodore H. Wickwire.....	KDZC	300,600.....	PG-X	American S. S. Co.....	Do.
Theodore H. Wickwire, jr.....	KDUL	300,600.....	PG-X	do.....	Do.
Thomas Crowley.....	KDSO	300,600.....	PG-X	Thomas Crowley.....	Do.
Thomas H. Wheeler.....	KDOR	300,450,600..	PG-X	Standard Oil Co. of N. J.....	R. C. A.
Thomas P. Beal.....	KDTO	300,600,706..	PG-X	Crowell & Thurlow S. S. Co.....	Owner of vessel.
Thorobred.....	KYZ	300,600.....	PG-X	Dutee W. Flint.....	Do.
"323".....	KDTH	300,600.....	PG-X	John B. Palne.....	Do.
Tieer.....	KIT	300,450,600..	PG-X	Standard Transpn. Co.....	R. C. A.
Tillamook.....	WMOA	300,600.....	PG-X	U. S. S. B.....	S. O. R. S.
Tilloum.....	KFIN	300,600.....	PG-X	American Tug Boat Co.....	Do.
Tionesta.....	WCA	300,450,600..	PG-N	Great Lakes Transit Corp.....	R. C. A.
Tivives.....	KMI	300,450,600, 706	PG-N	United Fruit S. S. Corp.....	T. R. T. Co.
T. J. Williams.....	KDUR	300,450,600..	PG-X	Standard Oil Co. of N. J.....	R. C. A.
Toller.....	WTOO	300,600.....	PG-X	Thomas J. Howard.....	Do.
Toledo Bridge.....	KOXG	300,600.....	PG-X	U. S. S. B.....	Do.
Tollard.....	KEVX	300,600.....	PG-X	do.....	Do.
Tolosa.....	KDAY	300,450,600..	PG-X	do.....	I. W. T. Co.
Tomalva.....	KDFH	300,450,600..	PG-X	do.....	S. O. R. S.
Tona.....	KOXJ	300,600.....	PG-X	do.....	Do.
Tonawanda.....	KFDS	300,450,600..	PG-X	Columbia River Packers Assn.....	Owner of vessel.
Tonsit.....	KOXX	300,600.....	PG-X	U. S. S. B.....	Do.
Toopi.....	KULP	300,450,600..	PG-X	do.....	Do.
Topa Topa.....	KDBB	300,600.....	PG-X	do.....	Do.
Topila.....	KKE	300,450,600..	PG-X	Southern Pacific Co.....	Do.
Torres.....	KKF	300,450,600..	PG-X	do.....	Do.
Toteco.....	KDSU	300,600.....	PG-X	International Petroleum Co.....	Do.
Transportation.....	KEJX	300,600.....	PG-X	Coastwise Transpn. Co.....	R. C. A.
Traveller.....	KIVK	300,600.....	PG-X	U. S. S. B.....	Do.
Tri Mountain.....	KOQF	300,600.....	PG-X	do.....	Do.
Trinidadian.....	KNO	300,600.....	PG-X	Gulf Refining Co.....	I. W. T. Co.
Trinity.....	KDBI	300,600.....	PG-N	U. S. S. B.....	Do.
Tripp.....	KIMC	300,450,600..	PG-X	do.....	Do.
Triumph.....	KEND	300,450,600..	PG-X	do.....	Do.
Tuckanuck.....	KIMB	300,600.....	PG-X	do.....	Do.
Tuladi.....	KOXL	300,450,600..	PG-X	do.....	Do.
Tulsa.....	KIXR	300,600.....	PG-X	do.....	R. C. A.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Tulsagas.....	KDRZ	300,600,1800.	PG-X	U. S. S. B.....	S. O. R. S.
Turrialba.....	KDT	300,600,706..	PG-N	United Fruit S. S. Corp.....	T. R. T. Co.
Tuscaloosa City....	KDLO	300,600,706..	PG-X	U. S. Steel Products Co.....	R. C. A.
Tuscan.....	KUDC	300,450,600..	PG-X	Merchants & Miners Transpn. Co.	I. W. T. Co.
Tustem.....	KDTW	300,600,1800.	PG-X	Atlantic Refining Co.....	R. C. A.
Tuxpanoil.....	KDPQ	300,600,1800.	PG-X	U. S. S. B.....	S. O. R. S.
Tyee.....	WPC	300,600.....	PG-X	Skinner & Eddy Corp.....	Owner of vessel.
Ulysses.....	KPU	300,600.....	PG-N	Panama R. R. Co.....	Do.
Undaunted.....	KDSJ	300,600.....	PG-X	G. F. Matthews.....	Do.
Unifol.....	KUQP	300,450,600..	PG-X	U. S. S. B.....	Do.
Union Liberty.....	KUNG	300,600.....	PG-X	.....do.....	Do.
United States.....	KZU	300,450,600..	PG-X	Peninsula & Northern Navigation Co.	Do.
Utacarbon.....	KUMC	300,450,600..	PG-X	Union Oil Co.....	Do.
Vaba.....	KDIP	300,600.....	PG-X	American-Italian S. S. Co.....	Do.
Vacoll.....	KDXA	300,600,706..	PG-X	U. S. S. B.....	R. C. A.
Vacuum.....	KUTS	300,450,600, 706	PG-X	Vacuum Oil Co.....	Do.
Valdez.....	WAK	300,600.....	PG-X	Alaska S. S. Co.....	S. O. R. S.
Vanada.....	KOBF	300,450,600..	PG-X	U. S. S. B.....	Do.
Van Camp No. II..	KDAK	300,600.....	PG-X	Fish Cannery Co.....	Do.
Velero II.....	WHV	300,600,1800.	PG-X	G. Allan Hancock.....	Owner of vessel.
Venetia.....	WOV	300,600.....	PG-X	John D. Spreckels.....	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.....	KFS	300,600.....	PG-X	Standard Transpn. Co.....	R. C. A.
Victoria.....	WAD	300,600,706..	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.
Vigilant.....	KOZP	300,450,600..	PG-X	E. K. Wood Lumber Co.....	Owner of vessel.
Viking.....	KDYC	300,450,600..	PG-X	George E. Billings.....	Do.
Vincennes Bridge..	KOXM	300,450,600..	PG-X	U. S. S. B.....	Do.
Vincent.....	KIZS	300,450,600..	PG-X	.....do.....	S. O. R. S.
Vinita.....	KOYL	300,450,600..	PG-X	.....do.....	R. C. A.
Virginia.....	KUV	300,600.....	PG-X	Texas Co.....	I. W. T. Co.
Virginia Bridge...	KUCF	300,600.....	PG-X	U. S. S. B.....	Do.
Virginia Express..	KDJE	300,450,600..	PG-X	Richmond-New York S. S. Co.	R. C. A.
Virginia Limited..	WFL	300,450,600..	PG-X	.....do.....	Do.
Virginia Olson....	KFHM	300,600.....	PG-X	Oliver J. Olson.....	Do.
Virginian.....	WKV	300,450,600..	PG-X	American-Hawaiian S. S. Co.	United American Lines.
Vittorio Emmanuele III	KDJF	300,450,600, 706	PG-X	U. S. S. B.....	R. C. A.
Vizcaya.....	WBG	300,600.....	PG-X	Ynchausti S. S. Co.....	Do.
Volunteer.....	WFAO	300,450,600..	PG-X	U. S. S. B.....	Do.
Von Steuben.....	KOXP	300,600.....	PG-N	.....do.....	Do.
Waban.....	KJT	300,450,600..	PG-X	.....do.....	Do.
Wabash.....	WNC	300,450,600..	PG-X	North Atlantic & Western S. S. Co.	Do.
Wachusett.....	WJL	300,600.....	PG-X	U. S. S. B.....	Do.
Waco.....	KIRP	300,600.....	PG-X	.....do.....	Do.
Wacosta.....	KDLM	300,450,600, 1800	PG-X	.....do.....	Do.
Wahkeena.....	WMS	300,600.....	PG-X	Chas. R. McCormick S. S. Co.	Owner of vessel.
Waimea.....	KFGT	300,450,600, 706	PG-N	Los Angeles S. S. Co.....	R. C. A.
Wakulla.....	KRUO	300,600.....	PG-N	U. S. S. B.....	Do.
Walden.....	KIGG	300,450,600..	PG-X	.....do.....	Do.
Wallineford.....	KEPV	300,450,600..	PG-X	McCormick S. S. Line.....	I. W. T. Co.
Walkill.....	KIPD	300,600.....	PG-X	U. S. S. B.....	Do.
Wallula.....	WPY	300,450,600..	PG-X	Port of Portland, Oreg.....	Owner of vessel.
Walter A. Luckenbach.	KJIE	300,450,600, 706,1800	PG-X	Luckenbach S. S. Co.....	S. O. R. S.
Walter D. Munson..	KVJ	300,600.....	PG-X	Munson S. S. Co.....	R. C. A.
Walter D. Noyes..	KDY	300,600.....	PG-X	Crowell & Thurlow S. S. Co.	Owner of vessel.
Walter Jennings..	KDPL	300,450,600..	PG-X	Standard Oil Co. of N. J.	R. C. A.
Wampum.....	KROI	300,450,600..	PG-X	U. S. S. B.....	Do.
Wapama.....	WMG	300,600.....	PG-N	Chas. R. McCormick S. S. Co.	Owner of vessel.
Warbler.....	KDKR	300,600.....	PG-X	U. S. S. B.....	S. O. R. S.
Ward.....	KDQB	300,450,600..	PG-X	.....do.....	Do.
Warwick.....	KESX	300,600,1800.	PG-X	Union Oil Co.....	R. C. A.
Wasacya.....	KOPN	300,600.....	PG-X	U. S. S. B.....	Do.
Washington.....	KDRI	300,450,600..	PG-N	Nicholas P. Antoniadis.....	Do.
Washtenaw.....	WPOO	300,600.....	PG-X	Union S. S. Co.....	F. T. Co.
Wassaic.....	KROO	300,600.....	PG-X	U. S. S. B.....	Do.
Watauga.....	WQT	300,600.....	PG-X	.....do.....	Do.
Waterbury.....	KUPT	300,450,600..	PG-X	.....do.....	Do.
Watertown.....	KING	300,600.....	PG-X	.....do.....	Do.
Wathena.....	WDIE	300,600.....	PG-X	.....do.....	Do.
Watonwan.....	WDII	300,600.....	PG-X	.....do.....	Do.
Waubesa.....	WGOO	300,450,600..	PG-X	.....do.....	Do.
Wauconda.....	WREE	300,600.....	PG-X	.....do.....	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Waukau.....	KIDV	300,600.....	PG-N	U. S. S. B	
Waukegan.....	KIDX	300,450,600..	PG-X	do.....	S. O. R. S.
Waukesha.....	KKEO	300,450,600..	PG-X	do.....	
Wauwatosa.....	KUCK	300,450,600..	PG-X	do.....	
Wawalona.....	KEXM	300,450,600..	PG-X	do.....	R. C. A.
Waxahachie.....	KILM	300,600.....	PG-X	do.....	
W. B. Keene.....	KWK	300,600.....	PG-X	Savannah-New York Transp. Co.	Do.
W. C. Teagle.....	KTY	300,450,600..	PG-X	Standard Oil Co. of N. J.....	Do.
W. E. Hutton.....	KUMN	300,450,600..	PG-X	Pure Oil S. S. Co.....	Do.
Welika.....	KLXX	300,450,600..	PG-X	U. S. S. B.....	S. O. R. S.
Wellington.....	KMR	300,450,600..	PG-X	Brooks-Scanlon Corp.....	R. C. A.
West Africa.....	WZOA	300,600.....	PG-X	U. S. S. B.....	S. O. R. S.
West Alcoa.....	KIDD	300,600.....	PG-X	do.....	
West Alsek.....	KJJO	300,600.....	PG-N	do.....	
West Amargosa.....	KEJS	300,600.....	PG-X	do.....	
West Apaum.....	KJJO	300,450,600..	PG-X	do.....	
West Arrow.....	WKS	300,600.....	PG-X	do.....	Do.
West Ashawa.....	KFH	300,600.....	PG-X	do.....	
West Avenal.....	KENG	300,450,600..	PG-X	do.....	
Westboro.....	KDJH	300,450,600..	PG-X	do.....	
West Bridge.....	KJOO	300,600.....	PG-X	do.....	
Westbrook.....	WLI	300,600.....	PG-X	do.....	
West Cactus.....	KIVV	300,450,600..	PG-X	do.....	I. W. T. Co.
West Caddoa.....	KODF	300,450,600..	PG-X	do.....	Do.
West Cadron.....	KUDK	300,600.....	PG-X	do.....	Do.
West Cahokia.....	KUPJ	300,450,600..	PG-X	do.....	R. C. A.
West Cajoot.....	KEXX	300,600.....	PG-X	do.....	
West Calera.....	KUMM	300,450,600..	PG-X	do.....	
West Calumb.....	KILT	300,450,600..	PG-X	do.....	I. W. T. Co.
West Camak.....	KUST	300,450,600..	PG-X	do.....	R. C. A.
West Camargo.....	KDBL	300,450,600..	PG-X	do.....	
West Campgaw.....	KUFR	300,450,600..	PG-X	do.....	S. O. R. S.
West Canon.....	KDCV	300,600,1800.	PG-X	do.....	
West Cape.....	WXEO	300,600.....	PG-N	do.....	
West Carmona.....	KDFV	300,600.....	PG-X	do.....	
West Carnifax.....	KEFC	300,450,600..	PG-X	do.....	
West Catanace.....	KEE	300,450,600..	PG-X	Elder Steel S. S. Co.....	I. W. T. Co.
West Cawthon.....	KILZ	300,450,600, 706	PG-X	U. S. S. B.....	R. C. A.
West Cayote.....	KIRF	300,450,600..	PG-X	do.....	Do.
West Celeron.....	KKJ	300,450,600..	PG-X	do.....	
West Celina.....	KEZR	300,450,600, 706	PG-X	do.....	Do.
West Chatala.....	KIPJ	300,450,600..	PG-X	do.....	I. W. T. Co.
West Cherow.....	KJM	300,600.....	PG-X	do.....	R. C. A.
Westchester.....	WCL	300,600.....	PG-X	do.....	
West Cheswald.....	KIXB	300,450,600..	PG-X	do.....	Do.
West Chetac.....	KIMG	300,450,600..	PG-X	do.....	I. W. T. Co.
West Chopaka.....	KDVH	300,600,1800.	PG-X	do.....	S. O. R. S.
West Coast.....	KRAA	300,600.....	PG-N	do.....	Do.
West Cobalt.....	KEKD	300,450,600..	PG-X	do.....	I. W. T. Co.
West Cohas.....	KNAE	300,450,600..	PG-X	do.....	S. O. R. S.
West Compo.....	KENJ	300,450,600..	PG-X	do.....	
West Conob.....	KIFP	300,600.....	PG-X	do.....	Do.
West Corum.....	KEVD	300,450,600..	PG-X	do.....	
West Cressy.....	WGOU	300,450,600..	PG-X	do.....	
West Cusseta.....	KDIK	300,450,600, 1800	PG-X	do.....	
West Durfee.....	KJAI	300,450,600..	PG-X	do.....	
West Eagle.....	WQZ	300,600.....	PG-N	do.....	
West Ekonk.....	KQIU	300,600.....	PG-X	do.....	
West Elcason.....	KELK	300,450,600..	PG-X	do.....	
West Elcasco.....	WJOA	300,450,600..	PG-X	do.....	Do.
West Eldara.....	WJOE	300,450,600, 706	PG-X	do.....	I. W. T. Co.
Western Ally.....	KEJF	300,600.....	PG-N	do.....	
Western Belle.....	WKUI	300,600.....	PG-N	do.....	
Western Chief.....	KNAO	300,600.....	PG-X	do.....	
Western City.....	KNAI	300,600.....	PG-X	do.....	
Western Comet.....	WXEI	300,450,600..	PG-X	do.....	
Western Cross.....	KTEE	300,600.....	PG-N	do.....	
Westerner.....	KIK	300,450,600..	PG-X	do.....	R. C. A.
Western Glen.....	KEDR	300,450,600..	PG-X	do.....	I. W. T. Co.
Western Hero.....	KIU	300,450,600..	PG-X	do.....	
Western Hope.....	WFIA	300,450,600..	PG-X	do.....	
Western King.....	WEP	300,450,600..	PG-N	do.....	
Western Knight.....	KEFQ	300,450,600..	PG-X	do.....	
Western Light.....	KQOI	300,450,600..	PG-X	do.....	
Western Maid.....	KQOO	300,450,600..	PG-N	do.....	
Western Ocean.....	KJEA	300,600.....	PG-N	do.....	

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
Western Plains.....	WZIU	300, 450, 600..	PG-X	U. S. S. B.....	
Western Pride.....	WGT	300, 600.....	PG-X	do.....	
Western Queen.....	WWK	300, 600.....	PG-X	do.....	
Western Scout.....	WXEA	300, 450, 600..	PG-X	do.....	
Western Sea.....	KNA A	300, 600.....	PG-X	do.....	
Western Spirit.....	KNEA	300, 600.....	PG-X	do.....	
Western Star.....	WEU	300, 600.....	PG-X	do.....	
Western States.....	WED	300, 450, 600..	PG-N	Detroit & Cleveland Nav. Co.	R. C. A.
Western Wave.....	WWC	300, 600.....	PG-X	U. S. S. B.....	
Western World.....	KDY I	300, 450, 600..	PG-X	do.....	S. O. R. S.
West Erral.....	KERJ	300, 450, 600..	PG-X	do.....	
West Faralón.....	KDSX	300, 600, 1800.	PG-X	do.....	Do.
Westfield.....	KXU	300, 600.....	PG-X	do.....	
Westford.....	KNAU	300, 600.....	PG-X	do.....	
West Galeata.....	WFAE	300, 600.....	PG-X	do.....	
West Galoc.....	KVEI	300, 600.....	PG-X	do.....	
West Gambo.....	KOUU	300, 450, 600..	PG-X	do.....	
West Gotomska.....	WET	300, 450, 600..	PG-X	do.....	I. W. T. Co.
West Grama.....	WGIA	300, 600.....	PG-N	do.....	
West Greylock.....	KDTV	300, 450, 600, 1800	PG-X	Frank V. Barns.....	S. O. R. S.
West Grove.....	KJAU	300, 450, 600..	PG-X	U. S. S. B.....	
Westhampton.....	WSP	300, 600.....	PG-X	do.....	
West Harcuvar.....	KEZM	300, 600.....	PG-X	do.....	
West Hardaway.....	KEDX	300, 450, 600..	PG-X	do.....	I. W. T. Co.
West Hargrave.....	KEDZ	300, 600.....	PG-X	do.....	
West Harlan.....	KEFS	300, 450, 600..	PG-X	do.....	
West Harshaw.....	KEFX	300, 450, 600..	PG-X	do.....	
West Hartland.....	KEGS	300, 450, 600..	PG-X	do.....	
West Hartley.....	KEGT	300, 600.....	PG-X	do.....	
West Harts.....	KEFZ	300, 600.....	PG-X	do.....	
West Hassayampa.....	KEGX	300, 600.....	PG-X	do.....	
West Haven.....	KJV	300, 600, 706..	PG-X	do.....	R. C. A.
West Hellx.....	WSUA	300, 450, 600..	PG-X	do.....	
West Hematite.....	KEZP	300, 450, 600..	PG-N	do.....	
West Hembrie.....	KEZN	300, 450, 600..	PG-X	do.....	
West Henshaw.....	KEBQ	300, 600.....	PG-X	do.....	
West Hepburn.....	KINP	300, 600.....	PG-X	do.....	
West Hesseltine.....	KOTN	300, 450, 600..	PG-X	do.....	S. O. R. S.
West Hika.....	KOZK	300, 600.....	PG-X	do.....	
West Himrod.....	KUDQ	300, 600.....	PG-X	do.....	
West Hixton.....	KUKV	300, 600.....	PG-X	do.....	
West Hobomac.....	WFAI	300, 450, 600..	PG-X	do.....	
West Holbrook.....	KUXB	300, 450, 600..	PG-X	do.....	
West Honaker.....	KDFX	300, 450, 600, 1800	PG-X	do.....	
West Hosokie.....	WFEI	300, 600.....	PG-N	do.....	
West Humbaw.....	WZAE	300, 450, 600..	PG-X	do.....	R. C. A.
West Imboden.....	KECX	300, 450, 600..	PG-X	do.....	
West Indian.....	KJAE	300, 600.....	PG-X	do.....	
West Inskip.....	KITZ	300, 450, 600, 706	PG-X	do.....	Do.
West Ira.....	KOGL	300, 450, 600..	PG-X	do.....	Do.
West Irmo.....	KIFB	300, 450, 600, 706	PG-X	do.....	I. W. T. Co.
West Isleta.....	KICQ	300, 600, 706..	PG-X	do.....	R. C. A.
West Islip.....	KIKX	300, 600.....	PG-X	do.....	I. W. T. Co.
West Ison.....	KINN	300, 600.....	PG-X	do.....	
West Ivan.....	KOZS	300, 600.....	PG-X	do.....	R. C. A.
West Ivis.....	KOQQ	300, 450, 600..	PG-X	do.....	I. W. T. Co.
West Jaffrey.....	KOCX	300, 450, 600..	PG-X	do.....	S. O. R. S.
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.....	Do.
West Jester.....	KUDG	300, 450, 600, 706	PG-X	do.....	Do.
West Kader.....	KOSL	300, 600.....	PG-X	do.....	S. O. R. S.
West Kasson.....	KIKM	300, 450, 600..	PG-X	do.....	I. W. T. Co.
West Katan.....	KOBK	300, 450, 600..	PG-X	do.....	R. C. A.
West Keats.....	KUQK	300, 450, 600..	PG-X	do.....	S. O. R. S.
West Kebar.....	KNDAN	300, 450, 600, 1800	PG-X	do.....	Do.
West Kedron.....	KDAP	300, 450, 600..	PG-X	do.....	I. W. T. Co.
West Keene.....	KISK	300, 450, 600..	PG-X	do.....	R. C. A.
West Kyska.....	WJOU	300, 600.....	PG-X	do.....	
Westlake.....	WTH	300, 450, 600, 706	PG-N	do.....	S. O. R. S.
Westland.....	KDOY	300, 600.....	PG-X	Tri-State S. S. Co.	R. C. A.
Westland.....	KJX	300, 450, 600..	PG-X	U. S. S. B.....	
West Lashaway.....	WREA	300, 600.....	PG-X	do.....	S. O. R. S.
West Lianca.....	KJAO	300, 600.....	PG-X	do.....	
West Loquassuck.....	WJOI	300, 450, 600..	PG-X	do.....	

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
West Madaket.....	WJOO	300,600	PG-N	U. S. S. B.	
West Mahomet.....	WTUU	300,450,600	PG-X	do	S. O. R. S.
West Mahwah.....	KUTC	300,450,600	PG-X	do	
West Maximus.....	KEDQ	300,450,600	PG-X	do	I. W. T. Co.
Westmead.....	WDIO	300,600	PG-X	do	
West Mingo.....	KORB	300,600	PG-X	do	
West Modus.....	KENK	300,450,600	PG-X	do	
West Montop.....	KOTR	300,600	PG-X	do	
Westmoreland.....	KIQC	300,600	PG-N	do	
Westmount.....	KDJG	300,600	PG-X	do	
West Munham.....	KEXF	300,450,600	PG-X	do	R. C. A.
West Neris.....	KOTK	300,450,600	PG-X	do	I. W. T. Co.
West Niger.....	KOZJ	300,450,600	PG-X	do	R. C. A.
West Nilus.....	KUJF	300,450,600	PG-X	do	
West Nivaria.....	KUQJ	300,450,600	PG-X	do	
West Nohno.....	KEXG	300,450,600	PG-X	do	I. W. T. Co.
West Nomentum.....	KUSG	300,450,600	PG-X	do	R. C. A.
West Norranus.....	KUVZ	300,450,600	PG-X	do	I. W. T. Co.
West Nosska.....	KEDV	300,450,600	PG-X	do	R. C. A.
West Notus.....	KDAM	300,600	PG-X	do	S. O. R. S.
Westoll.....	KIVP	300,600	PG-X	Waukau Transit Co.	
West O'Rowa.....	KDQI	300,600,1800	PG-X	U. S. S. B.	Do.
West Pocasset.....	KOCK	300,600	PG-X	do	
West Point.....	KJY	300,450,600	PG-N	do	
Westpool.....	WROA	300,450,600	PG-N	do	
Westport.....	WFEO	300,450,600	PG-X	do	R. C. A.
West Prospect.....	KDUK	300,450,600	PG-X	do	S. O. R. S.
West Quechee.....	KEDT	300,450,600	PG-N	do	R. C. A.
West Raritans.....	KIXC	300,600	PG-X	do	
West Saginaw.....	KOCV	300,450,600	PG-X	do	Do.
West Segovia.....	KIPK	300,450,600	PG-X	do	I. W. T. Co.
West Selene.....	KIXZ	300,600	PG-X	do	
West Sequana.....	WSOI	300,450,600	PG-X	do	Do.
West Shore.....	WMD	300,450,600	PG-X	do	R. C. A.
West Tacook.....	KECR	300,450,600	PG-X	do	I. W. T. Co.
West Togus.....	KEXJ	300,600,1800	PG-X	do	
West Totant.....	KEKX	300,450,600	PG-X	do	R. C. A.
West Vaca.....	KEMX	300,600	PG-X	do	
West View.....	WDIU	300,450,600	PG-N	do	
Westward Ho.....	WKX	300,450,600	PG-X	do	
West Wauna.....	WSUE	300,450,600	PG-X	do	S. O. R. S.
West Wauneke.....	WSUI	300,600	PG-X	do	
Westwego.....	KGE	300,450,600	PG-X	Union Petroleum S. S. Co.	R. C. A.
West Wind.....	KJH	300,600	PG-X	U. S. B.	
Westwood.....	WTF	300,450,600	PG-N	do	
West Zeda.....	WKUU	300,450,600	PG-X	do	
West Zucker.....	WJIA	300,600	PG-X	do	
West Zula.....	WQEO	300,600	PG-X	do	
W. F. Burdell.....	KUCQ	300,450,600	PG-X	Pure Oil S. S. Co.	Do.
W. F. Burrows.....	WHG	300,450,600	PG-X	Libby, McNeill & Libby	Owner of vessel.
W. F. White.....	WGC	300,600	PG-X	Limestone Transpn. Co.	
Wheatland Montana.	KISF	300,450,600	PG-X	U. S. S. B.	R. C. A.
Wheaton.....	WMUA	300,450,600	PG-X	do	Do.
Wheeling Mold.....	KUNM	300,450,600	PG-X	do	
Whitemarsh.....	KOMG	300,600	PG-X	E. J. Stotesbury	Owner of vessel.
Whitney Olson.....	KFGS	300,600	PG-X	Oliver J. Olson & Co.	Do.
W. H. Libby.....	KDMP	300,450,600	PG-X	Standard Oil Co. of N. J.	R. C. A.
W. H. McGean.....	WMIO	300,600	PG-X	Pioneer S. S. Co.	Do.
W. H. Tilford.....	KPD	300,450,600	PG-X	Standard Oil Co. of N. J.	Do.
Wicasta.....	KIJG	300,600	PG-X	U. S. S. B.	
Wichita.....	KDMU	300,600	PG-X	do	
Wildwood.....	KORV	300,450,600	PG-X	do	S. O. R. S.
Wilhelmina.....	WMO	300,450,600	PG-N	Matson Navigation Co.	R. C. A.
Willamette.....	WSW	300,600	PG-N	Chas. R. McCormick S. S. Co.	Owner of vessel.
Willapa.....	WPK	300,600	PG-X	Hart-Wood Lumber Co.	Do.
Willet.....	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. A.
Willhilo.....	KUGV	300,450,600	PG-X	do	Do.
William A. Mc Kenney.	WOM	300,450,600	PG-X	Crowell & Thurlow S. S. Co.	Owner of vessel.
William A. Paine.....	KDXJ	300,600	PG-X	Pioneer S. S. Co.	R. C. A.
William A. Reiss.....	WNI	300,600	PG-X	Reiss S. S. Co.	Do.
William C. Arnew.....	KFCT	300,600	PG-X	American S. S. Co.	Owner of vessel.
William Campion.....	KDAZ	300,450,600	PG-X	Garland S. S. Corp.	R. C. A.
William G. Mather.....	KKUI	300,450,600	PG-X	Cleveland Cliffs Iron Co.	Do.
William Green.....	WIY	300,450,600	PG-X	Pan-American Petroleum & Transport Co.	Do.

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

Vessel.	Call signal.	Wave lengths.	Service and hours.	Owner of vessel.	Station controlled by—
William H. Doheny.	KDKG	300, 450, 600.	PG-X	Pan-American Petroleum & Transport Co.	R. C. A.
William H. Webb.	KOZY	300, 600.	PG-X	U. S. S. B.	
William Isom.	KZVV	300, 600.	PG-X	Cuba Distilling Co.	Do.
William N. Page.	WFOO	300, 450, 600.	PG-X	Castner, Curran & Bullitt.	
William Penn.	KDGV	300, 600.	PG-X	U. S. S. B.	S. O. R. S.
William Perkins.	KICP	300, 450, 600.	PG-X	Garland S. S. Corp.	R. C. A.
William T. Roberts	KDJU	300, 600.	PG-X	American S. S. Co.	
Willimantic.	KMIO	300, 450, 600.	PG-X	U. S. S. B.	
Willipolo.	KOBM	300, 600, 706.	PG-X	Williams S. S. Co. (Inc.)	Do.
Wilsolo.	KUDL	300, 450, 600.	PG-X	do.	Do.
Wilscox.	WPAO	300, 600.	PG-X	U. S. S. B.	
Windber.	WND	300, 450, 600.	PG-N	Pacific-American Fisheries.	Do.
Winding Gulf.	WFEF	300, 600.	PG-X	Castner, Curran & Bullitt.	
Winifred.	KTE	300, 600.	PG-X	Gulf Refining Co.	
Winnebago.	KTEI	300, 450, 600.	PG-X	American Transatlantic Co.	I. W. T. Co.
Winneconne.	KDFY	300, 600.	PG-X	Winneconne S. S. Corp.	Do.
Winona.	KUNV	300, 450, 600, 706	PG-X	U. S. S. B.	R. C. A.
Winona County.	KIZR	300, 450, 600.	PG-N	do.	
Winston-Salem.	KUJS	300, 600.	PG-X	do.	
Winyah.	KIMM	300, 450, 600.	PG-X	do.	
Wisconsin Bridge.	KIBM	300, 600.	PG-X	American S. S. Corp.	
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, 600.	PG-X	Wisla S. S. Corp.	I. W. T. Co.
W. J. Crosby.	WXOE	300, 450, 600.	PG-X	North Shore Transit Co.	
W. J. Hanna.	KDKX	300, 450, 600.	PG-X	Standard Oil Co. of N. J.	R. C. A.
W. L. Connelly.	KQB	300, 450, 600.	PG-X	Sinclair Gulf Corp.	Do.
W. L. Steed.	WSEE	300, 450, 600.	PG-X	Pan-American Petroleum & Transport Co.	Do.
W. Boyce Thompson.	KDHS	300, 600.	PG-N	Sinclair Navigation Co.	Do.
W. M. Burton.	KMIU	300, 600.	PG-X	Atlantic Refining Co.	Do.
Wm. F. Herrin.	WTN	300, 600, 1800.	PG-X	Associated Oil Co.	F. T. Co.
Wm. G. Howard.	KIST	300, 600.	PG-X	Thomas J. Howard	T. W. T. Co.
Wm. G. Warden.	KNF	300, 450, 600.	PG-X	Standard Oil Co. of N. J.	R. C. A.
W. M. Irish.	KJOE	300, 600.	PG-X	Atlantic Refining Co.	Do.
Wm. Rockefeller.	KDVI	300, 450, 600.	PG-X	Standard Oil Co. of N. J.	Do.
W. M. Tupper.	WJR	300, 600.	PG-X	Gulf & Southern S. S. Co.	
Woodmansie.	KIPF	300, 450, 600.	PG-X	U. S. S. B.	
Wogo.	KDWM	300, 600.	PG-X	Claude Nolan	Owner of vessel.
Woonsocket.	WCW	300, 450, 600.	PG-X	U. S. S. B.	
Worcester.	KIKL	300, 600.	PG-X	do.	
Worrell Clarkson.	KFHK	300, 600.	PG-X	Kinsman Transit Co.	R. C. A.
W. R. Chamberlain, jr.	WHS	300, 600.	PG-X	W. R. Chamberlain	I. W. T. Co.
W. S. Miller.	KDMR	300, 450, 600, 706	PG-X	Standard Oil Co. of N. J.	R. C. A.
W. S. Porter.	WTM	300, 600, 1800.	PG-X	Associated Oil Co.	F. T. Co.
W. S. Rheem.	KDWP	300, 600.	PG-X	Standard Oil Co. of Calif.	R. C. A.
W. W. Mills.	KDSS	300, 450, 600.	PG-X	Pure Oil S. S. Co.	Do.
Wyandotte.	WCO	300, 600.	PG-X	Wyandotte Transpn Co.	Do.
Wyandotte.	WJW	300, 450, 600.	PG-N	U. S. S. B.	
Wynooche.	KFE	300, 600.	PG-X	do.	
Wytheville.	KITL	300, 450, 600.	PG-X	do.	Do.
Yaka.	KDDF	300, 450, 600.	PG-X	do.	
Yaklok.	KIGN	300, 450, 600.	PG-X	do.	
Yale.	WRY	300, 600.	PG-N	Los Angeles S. S. Co.	F. T. Co.
Yalza.	KDJK	300, 600, 1800.	PG-X	U. S. S. B.	
Yankee Arrow.	KDTG	300, 600.	PG-X	Standard Transpn. Co.	R. C. A.
Yapalaga.	KDHK	300, 450, 600.	PG-X	U. S. S. B.	
Yesoking.	KERQ	300, 600.	PG-X	do.	
Yomachiichi.	WPAI	300, 600.	PG-X	do.	
Yorba Linda.	KDNS	300, 600, 1800.	PG-X	General Petroleum Corp.	I. W. T. Co.
York Harbor.	KOJB	300, 600.	PG-X	U. S. S. B.	Do.
Yosemite.	KDWE	300, 600.	PG-X	Pope and Talbot.	S. O. R. S.
Yosemite.	KYS	300, 450, 600.	PG-X	U. S. S. B.	
Youngstown.	KIFX	300, 450, 600.	PG-X	do.	Do.
Yucatan.	WLG	300, 600.	PG-N	New York & Cuba Mail S. S. Co.	I. W. T. Co.
Yucca.	KWJ	300, 600.	PG-X	U. S. S. B.	
Yukon.	WXEU	300, 600.	PG-N	do.	
Yuma.	WJAI	300, 600, 706.	PG-X	Di Giorgio Fruit Corp.	Do.
Zacapa.	KLE	300, 450, 600.	PG-N	United Fruit S. S. Corp.	T. R. T. Co.
Zapora.	WPO	300, 600.	PG-X	Booth Fisheries Co.	S. O. R. S.
Zarembo.	KICS	300, 450, 600, 706	PG-X	U. S. S. B.	I. W. T. Co.
Zirkel.	WREO	300, 600.	PG-X	do.	
Zulia.	KDZ	300, 450, 600, 706	PG-N	Atlantic & Caribbean Steam Navigation Co.	R. C. A.

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

Call signal.	Station.	Call signal.	Station.		
KDA	Philadelphia.....	b	KDDE	Lorraine Cross.....	b
KDAC	Sinasta.....	b	KDDF	Yaka.....	b
KDAD	Agwisun.....	b	KDDH	Sumanco.....	b
KDAF	Peconic.....	b	KDDI	Sutermco.....	b
KDAG	M. M. Davis.....	b	KDDJ	John Englis.....	b
KDAH	Fairport, Va.....	c	KDDK	Carlton.....	b
KDAK	Van Camp No. 11.....	b	KDDL	Hastings.....	b
KDAM	West Notus.....	b	KDDM	Carenco.....	b
KDAN	West Kebar.....	b	KDDN	Steel Exporter.....	b
KDAP	West Kedron.....	b	KDDO	Suduffco.....	b
KDAR	President Monroe.....	b	KDDP	Surico.....	b
KDAS	Siskiyou.....	b	KDDQ	Susherico.....	b
KDAT	Pomona.....	b	KDDR	Halsey.....	b
KDAV	Dartford.....	b	KDDS	Stockton.....	b
KDAW	City of Fort Worth.....	b	KDDT	Derblay.....	b
KDAX	Antinous.....	b	KDDU	Heber.....	b
KDAY	Tolosa.....	b	KDDV	Culberson.....	b
KDAZ	William Campion.....	b	KDDY	Santa Eulalia.....	b
KDB	Caracas.....	b	KDDZ	Cassimir.....	b
KDBA	Depere.....	b	KDE	Carrillo.....	b
KDBB	Topa Topa.....	b	KDEA	Lake Fernwood.....	b
KDBC	Agwimoon.....	b	KDEB	Gulfstar.....	b
KDBF	Eagle.....	b	KDEC	Syros.....	b
KDBG	Edris.....	b	KDED	Lena Luckenbach.....	b
KDBH	Forest King.....	b	KDEM	Baytown.....	b
KDBI	Trinity.....	b	KDEN	Dearborn, Mich.....	c
KDBJ	Steel Worker.....	b	KDEP	Northville, Mich.....	c
KDBK	Maud F.....	b	KDEQ	Commercial Spirit.....	b
KDBL	West Varmargo.....	b	KDER	Carrabulle.....	b
KDBM	Meton.....	b	KDES	Carplaka.....	b
KDBN	Cananova.....	b	KDET	Geo. L. Harvey.....	b
KDBP	Chester KIWANIS.....	b	KDEV	Gladysbe.....	b
KDBQ	Sutorpco.....	b	KDEW	Philip Publicker.....	b
KDBR	Sunewco.....	b	KDEX	Cody.....	b
KDBS	Surailco.....	b	KDEY	Sudurco.....	b
KDBT	Durango.....	b	KDEZ	Eastern Temple.....	b
KDBU	Haymon.....	b	KDF	Coppename.....	b
KDBV	Santa Isabel.....	b	KDFA	Hyder, Alaska.....	b
KDBW	Sawokla.....	b	KDFB	New Orleans.....	b
KDBX	Mount Clay.....	b	KDFC	Potter.....	b
KDBY	Albert Jeffress.....	b	KDFD	Gateway City.....	b
KDBZ	Charles R. McCormick.....	b	KDFE	Provincetown.....	b
KDC	Laramie, Wyo.....	c	KDFE	Castana.....	b
KDCA	Hybert.....	b	KDFG	Catahoula.....	b
KDCB	Sapulpa.....	b	KDFH	Tomalva.....	b
KDCD	James Otis.....	b	KDFI	Sulanierco.....	b
KDCE	Mobile City.....	b	KDFJ	Sudawsonco.....	b
KDCF	Rotarian.....	b	KDFK	Suscolanco.....	b
KDCG	Independence Hall.....	b	KDFM	Manatawny.....	b
KDCH	Pachet.....	b	KDFQ	Halway.....	b
KDCI	President Fillmore.....	b	KDFR	Hannawa.....	b
KDCJ	Egeria.....	b	KDFS	Janelew.....	b
KDCK	Delivery No. 5.....	b	KDFT	Mursa.....	b
KDCL	George Washington.....	b	KDFU	Jeptha.....	b
KDCM	President Cleveland.....	b	KDFV	Lavada.....	b
KDCN	Atlanta of Texas.....	b	KDFW	West Carmona.....	b
KDCO	Houston.....	b	KDFX	West Honaker.....	b
KDCP	Halo.....	b	KDFY	Winneconne.....	b
KDCQ	Mosella.....	b	KDFZ	East Hampton.....	b
KDCR	Haynie.....	b	KDG	Parismina.....	b
KDCS	Hollywood.....	b	KDGA	Hera.....	b
KDCT	Palo Alto.....	b	KDGD	Loki.....	b
KDCU	Mevania.....	b	KDGG	Bayou Chico.....	b
KDCV	West Canon.....	b	KDGL	Steel Ranger.....	b
KDCW	Jalapa.....	b	KDGM	John Stevens.....	b
KDCX	Steel Engineer.....	b	KDGN	Donna Lane.....	b
KDCY	Surinam.....	b	KDGO	Clement Smith.....	b
KDCZ	Mount Vernon.....	b	KDGP	Muskegon.....	b
KDD	Cartago.....	b	KDQQ	Elisha Walker.....	b
KDDA	Commercial Traveler.....	b	KDGR	Lake Gano.....	b
KDDB	I. C. White.....	b	KDGS	City of Rayville.....	b
KDDC	Algic.....	b	KDGU	Quincy, Mass.....	c

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

Call signal.	Station.	Call signal.	Station.		
KDGV	William Penn.....	b	KDKM	Natirar.....	b
KDGV	China Arrow.....	b	KDKN	Dinsmore.....	b
KDGX	Bonnie Brook.....	b	KDKP	Lake Gatun.....	b
KDGY	Kekoskee.....	b	KDKQ	Rodman Swift.....	b
KDGG	Nora.....	b	KDKR	Warbler.....	b
KDHH	Heredia.....	b	KDKS	Willett.....	b
KDHA	Suricho.....	b	KDKT	El Estero.....	b
KDHB	Suremico.....	b	KDKU	Dan F. Hanlon.....	b
KDHC	Harvester.....	b	KDKX	W. J. Hanna.....	b
KDHD	Edgar F. Coney.....	b	KDKY	Peacock.....	b
KDHF	President Van Buren.....	b	KDL	Levisa.....	b
KDHH	Pagasset.....	b	KDLA	Charlie Watson.....	b
KDHH	Charles H. Cramp.....	b	KDLB	President Hayes.....	b
KDHI	Intrepid.....	b	KDLC	Pearlton.....	b
KDHJ	Bibbco.....	b	KDLL	Suwarinco.....	b
KDJK	Yapalaga.....	b	KDLE	Suwordenco.....	b
KDHL	Argosy.....	b	KDLF	Sujameco.....	b
KDHO	Japan Arrow.....	b	KDLG	Reaper.....	b
KDHP	India Arrow.....	b	KDLH	Franklin K. Lane.....	b
KDHQ	Java Arrow.....	b	KDLJ	Artemis.....	b
KDHR	J. Fletcher Farrell.....	b	KDLK	Cuba.....	b
KDHS	Wm. Boyce Thompson.....	b	KDLL	A. L. Kent.....	b
KDHT	Santa Veronica.....	b	KDLM	Wacosta.....	b
KDHU	Lilmae.....	b	KDLN	Henry S. Grove.....	b
KDHX	A. A. Daugherty.....	b	KDLO	Tuscaloosa City.....	b
KDHY	Eastern Leader.....	b	KDLS	Sugillenco.....	b
KDHZ	Dawn.....	b	KDLT	George Pierce.....	b
KDI	Abangarez.....	b	KDLU	Blue Point.....	b
KDID	Oduna.....	b	KDLW	Herman Frasch.....	b
KDIG	Hanley.....	b	KDLX	Mary Luckenbach.....	b
KDIH	Narbo.....	b	KDM	Maracaibo.....	b
KDIJ	Narcissus.....	b	KDMA	Eugene V. R. Thayer.....	b
KDIK	Cuprum.....	b	KDMB	Aggisea.....	b
KDIL	West Cussetta.....	b	KDMC	Agwimars.....	b
KDIM	Griffdu.....	b	KDMD	Agwiworld.....	b
KDIN	Colon H. Livingstone.....	b	KDME	Moffitt.....	b
KDIP	Vaba.....	b	KDMG	Estrada Palma.....	b
KDIQ	Cedarhurst.....	b	KDMH	Memnon.....	b
KDIR	Lake Ontario.....	b	KDMI	Namasket.....	b
KDIS	Cascade.....	b	KDMJ	Peralta.....	b
KDIT	Lake Superior.....	b	KDML	S. C. T. Dodd.....	b
KDIW	Olympic.....	b	KDMN	Nacata.....	b
KDIW	Lake Weir.....	b	KDMO	John Worthington.....	b
KDIX	Lakeview.....	b	KDMP	Muriel.....	b
KDIY	El Cicuta.....	b	KDMP	W. H. Libby.....	b
KDIZ	Lake George.....	b	KDMQ	President Harrison.....	b
KDJ	San Jose.....	b	KDMR	W. S. Miller.....	b
KDJB	Fort George.....	b	KDMS	Samuel L. Fuller.....	b
KDJC	Lakewood.....	b	KDMT	Joseph M. Cudahy.....	b
KDJD	Lake Traverse.....	b	KDMU	Wichita.....	b
KDJE	Virginia Express.....	b	KDMV	City of Elwood.....	b
KDJF	Vittorie Emmanuele III.....	b	KDMY	P. J. Reilly.....	b
KDJG	Westmount.....	b	KDMZ	District of Columbia.....	b
KDJH	Westboro.....	b	KDNA	El Isleo.....	b
KDJI	Chetopa.....	b	KDND	Quinault.....	b
KDJJ	Nipsic.....	b	KDNG	Swiftsure.....	b
KDJK	Yalza.....	b	KDNH	Su Jerseyco.....	b
KDJL	Steel Inventor.....	b	KDNI	Suncwarkco.....	b
KDJM	Storm King.....	b	KDNJ	Kingfisher.....	b
KDJO	Oncida.....	b	KDNK	M. F. Elliott.....	b
KDJP	Kiowa.....	b	KDNL	Durham.....	b
KDJQ	Cayuga.....	b	KDNN	Wisdom II.....	b
KDJR	Onondaga.....	b	KDNO	Agwilake.....	b
KDJS	Chippewa.....	b	KDNP	Gulfking.....	b
KDJT	Daly, Alaska.....	c	KDNP	City of Dalhart.....	b
KDJU	Warren, Alaska.....	c	KDNS	Yorda Linda.....	b
KDJV	Joseph Seep.....	b	KDNU	Fresno, Calif.....	c
KDJX	Romagne.....	b	KDNV	President Pierce.....	b
KDJY	Natchez.....	b	KDNW	El Lago.....	b
KDJZ	Montgomery City.....	b	KDNY	Sunugentco.....	b
KDK	Atenas.....	b	KDNY	Favorite.....	b
KDKA	East Pittsburgh, Pa.....	c	KDNZ	Gorgona.....	b
KDKB	Eastern Sword.....	b	KDO	Esparta.....	b
KDKC	Hopatecong.....	b	KDOB	Ala.....	b
KDKD	Emergency Aid.....	b	KDOC	Cebu.....	b
KDKG	William H. Doheny.....	b	KDOD	Livingstone Roe.....	b
KDKH	Algonquin.....	b	KDOF	Bessemer City.....	b
KDKI	Tachira.....	b	KDOI	Crampton Anderson.....	b
KDKK	Minnekahda.....	b	KDOI	Consort.....	b
KDKL	Cumden.....	b	KDOJ	Sea Lion.....	b

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

Call signal.	Station.	Call signal.	Station.		
KDOK	Albert E. Watts.....	b	KDSB	E. T. Bedford.....	b
KDOL	F. C. Latrobe.....	b	KDSC	Vicksburg.....	b
KDOM	Annapolis.....	b	KDSD	Thomas Crowley.....	b
KDOQ	Richmond.....	b	KDSF	Manukai.....	b
KDOR	Thomas H. Wheeler.....	b	KDSG	Anniston City.....	b
KDOS	Swift Arrow.....	b	KDSH	Mojave.....	b
KDOT	President Jefferson.....	b	KDSI	Swift Wind.....	b
KDOW	America.....	b	KDSJ	Undaunted.....	b
KDOY	Westland.....	b	KDSK	Gloria West.....	b
KDOZ	President Polk.....	b	KDSL	President McKinley.....	b
KDP	Chomly, Alaska.....	c	KDSM	Nashaba.....	b
KDPA	President Jackson.....	b	KDSO	Llo.....	b
KDPC	Suspearco.....	b	KDSP	Dixiano.....	b
KDPE	Gargoyle.....	b	KDSQ	Sea Ranger.....	b
KDPF	Swiftstar.....	b	KDSR	Agwibay.....	b
KDPG	Liebre.....	b	KDSS	W. W. Mills.....	b
KDPH	Detroit, Mich.....	c	KDST	Tecomate.....	b
KDPI	Superior, Mich.....	c	KDSU	Toteco.....	b
KDPJ	Port Huron, Mich.....	c	KDSV	President Wilson.....	b
KDPK	Franklin.....	b	KDSW	Atlanta City.....	b
KDPL	Walter Jennings.....	b	KDSX	West Faralon.....	b
KDPM	Cleveland, Ohio.....	c	KDSY	Sea Scout.....	b
KDPN	Arden.....	b	KDSZ	Illinois.....	b
KDPO	Agwistone.....	b	KDT	Turrialba.....	b
KDPP	Kennecott.....	b	KDTA	Liberator.....	b
KDPQ	Tuxpanoil.....	b	KDTB	Bohemian Club.....	b
KDPR	Montebello.....	b	KDTC	President Garfield.....	b
KDPS	Baytown, Tex.....	c	KDTD	David McKeavy.....	b
KDPU	Cascada, Calif.....	c	KDTE	Paul Shoup.....	b
KDPV	Camp 60, Calif.....	c	KDTF	Betty R.....	b
KDPW	Camp 61, Calif.....	c	KDTG	Yankee Arrow.....	b
KDPX	La Placentia.....	b	KDTH	"323".....	b
KDPY	Fairfield City.....	b	KDTI	Nourmahal.....	b
KDPZ	Gold Star.....	b	KDTJ	Hamnac.....	b
KDQ	Santore.....	b	KDTK	Colonial.....	b
KDQB	Ward.....	b	KDTL	Nedeva II.....	b
KDQC	E. R. Kemp.....	b	KDTM	American Legion.....	b
KDQE	Galveston.....	b	KDTN	Lebec.....	b
KDQF	Jeff Davis.....	b	KDTP	Thomas P. Beal.....	b
KDQG	Oldham.....	b	KDTR	J. N. Few.....	b
KDQH	Meanticut.....	b	KDTS	Memphis City.....	b
KDQI	West O'Rowa.....	b	KDTT	Adler.....	b
KDQJ	Solana.....	b	KDTU	J. A. Moffett, Jr.....	b
KDQL	Sucubaco.....	b	KDTV	West Greylock.....	b
KDQM	Aladdin.....	b	KDTW	Tustem.....	b
KDQQ	Pocantico.....	b	KDTY	Half Moon.....	b
KDQR	John C. Kirkpatrick.....	b	KDTZ	Southern Cross.....	b
KDQS	Cerro-Ebano.....	b	KDU	Point Reyes, Calif.....	c
KDQT	Mount Carroll.....	b	KDUB	Harry Yates.....	b
KDQU	Sea Monarch.....	b	KDUC	Lubrico.....	b
KDQV	Swift Scout.....	b	KDUD	Knoxville City.....	b
KDQW	Cairo.....	b	KDUF	Speejacks.....	b
KDQX	St. Louis.....	b	KDUG	Empire Arrow.....	b
KDQY	Cerro-Azul.....	b	KDUH	Louis R. Davidson.....	b
KDQZ	Frank G. Drum.....	b	KDUJ	William T. Roberts.....	b
KDR	Limon.....	b	KDUK	West Prospect.....	b
KDRA	Fearless.....	b	KDUL	Theodore H. Wickwire, Jr.....	b
KDRB	Gulf Prince.....	b	KDUM	John D. Archbold.....	b
KDRC	Agwismith.....	b	KDUN	Ripple.....	b
KDRD	R. J. Hanna.....	b	KDUP	Guinevere.....	b
KDRE	K. R. Kingsbury.....	b	KDUQ	Agwimex.....	b
KDRH	Ruby (permanently moored vessel).....	c	KDUR	T. J. Williams.....	b
KDRI	Washington.....	b	KDUT	President Grant.....	b
KDRJ	Selma City.....	b	KDUV	Margaret Dollar.....	b
KDRK	Swiftagle.....	b	KDUW	Chattanooga City.....	b
KDRL	President Adams.....	b	KDUX	G. N. Wilson.....	b
KDRM	Henry D. Whiton.....	b	KDUY	President Lincoln.....	b
KDRN	E. W. Sinclair.....	b	KDUZ	M. A. Reeb.....	b
KDRP	Suphenco.....	b	KDV	Libby Maine.....	b
KDRQ	Mauihani.....	b	KDVA	Tamiahua.....	b
KDRR	Delphine.....	b	KDVB	Polillo.....	b
KDRS	Mindoro.....	b	KDVC	Gertrude.....	b
KDRT	Cuba.....	b	KDVE	Levant Arrow.....	b
KDRU	Luzon.....	b	KDVF	Robert E. Hopkins.....	b
KDRV	Mount Clinton.....	b	KDVG	Adam E. Cornelius.....	b
KDRW	President Taft.....	b	KDVH	Faith.....	b
KDRX	Agwibavre.....	b	KDVI	West Chopaka.....	b
KDRZ	Tulsagas.....	b	KDVJ	Wm. Rockefeller.....	b
DS	Sixacia.....	b		La Purisima.....	b
DSA	Swiftlight.....	b			

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

Call signal.	Station.	Call signal.	Station.		
KDVK	F. H. Hillman.....	h	KDZC	Theodore H. Wickwire.....	b
KDVL	Birkenhead.....	b	KDZN	Calcutta.....	b
KDVM	H. T. Harper.....	b	KDZO	Maroro.....	b
KDVN	Steel Seafarer.....	b	KDZS	Guarina.....	b
KDVO	Samuel Q. Brown.....	b	KDZV	Pacific.....	b
KDVP	Norwhal.....	b	KDZY	G. S. Allyn.....	b
KDVR	President Madison.....	b	KEA	Seldovia, Alaska.....	c
KDVS	Jacob T. Kopp.....	b	KEB	San Francisco, Calif.....	c
KDVT	Dixie Arrow.....	b	KEBD	Abron.....	b
KDVY	H. M. Storey.....	b	KEBF	Edgefield.....	b
KDVW	Steel Scientist.....	b	KEBM	Lake Giltedge.....	b
KDVX	Baton Rouge.....	b	KEBN	Lake Girth.....	b
KDYY	Memphis.....	b	KEBP	Lake Farabee.....	b
KDVZ	Centurion.....	b	KEBQ	West Henshaw.....	b
KDWA	Clifford F. Moll.....	b	KEBR	Lake Strabo.....	b
KDWB	John J. Boland.....	b	KEBS	Jekyl.....	b
KDWC	Lotomi.....	b	KEBT	Nesco.....	b
KDWD	New Jersey.....	b	KEBV	Lake Flushing.....	b
KDWE	Yosemite.....	b	KEBX	Remus.....	b
KDWF	All America.....	b	KEBY	The Lambs.....	b
KDWG	Asher J. Hudson.....	b	KEC	Concho.....	b
KDWH	Munargo.....	b	KECB	Edenton.....	b
KDWI	Equator.....	b	KECG	Chicago Bridge.....	b
KDWJ	Spray.....	b	KECJ	Decatur Bridge.....	b
KDWK	President Harding.....	b	KECK	Hico.....	b
KDWL	Steel Navigator.....	b	KECL	Opelika.....	b
KDWM	Wogo.....	b	KECM	Lake Gitano.....	b
KDWN	Byron D. Benson.....	b	KECN	Lake Fannin.....	b
KDWO	Alpha.....	b	KECR	West Tacook.....	b
KDWP	W. S. Rheem.....	b	KECS	Duquesne.....	b
KDWQ	Delaware Sun.....	b	KECV	Lake Flynus.....	b
KDWR	Invader.....	b	KECX	West Imboden.....	b
KDWS	President Roosevelt.....	b	KED	Siasl, P. I.....	c
KDWU	Fortuna.....	b	KEDG	Kamehit.....	b
KDWV	Bethore.....	b	KEDJ	Marne.....	b
KDWX	Diana Dollar.....	b	KEDK	Onekama.....	b
KDWY	Federal.....	b	KEDM	Lake Faribault.....	b
KDWZ	Pan America.....	b	KEDN	Baracos.....	b
KDX	Firmore.....	b	KEDP	Lake Farley.....	b
KDXA	Vacoll.....	b	KEDQ	West Maximus.....	b
KDXB	Fidus.....	b	KEDR	Western Glen.....	b
KDXC	Allen.....	b	KEDT	West Quechee.....	b
KDXD	Stuart Dollar.....	b	KEDV	West Nosska.....	b
KDXE	Jacob Luckenbach.....	b	KEDX	West Hardaway.....	b
KDXF	La Jota.....	b	KEDZ	West Hargrave.....	b
KDXG	Daniel Kern.....	b	KEE	West Catanace.....	b
KDXI	Melville Dollar.....	b	KEF	Henry R. Mallory.....	b
KDXJ	G. A. Tomlinson.....	b	KEFB	Sac City.....	b
KDXK	F. R. Hazard.....	b	KEFC	West Carnifax.....	b
KDXL	E. L. Pierce.....	b	KEFD	Bar Harbor.....	b
KDXM	Frank Billings.....	b	KEFJ	Copalgrove.....	b
KDXN	Polynesia.....	b	KEFK	Cerro Gardo.....	b
KDXO	Australia.....	b	KEFL	Chamberino.....	b
KDXP	Amazon.....	b	KEFM	Lake Inaha.....	b
KDXQ	A. A. Augustus.....	b	KEFN	Lake Friar.....	b
KDXR	Price McKinney.....	b	KEFP	Lake Frio.....	b
KDXS	Harold B. Nye.....	b	KEFQ	Western Knight.....	b
KDXT	John Stanton.....	b	KEFR	Ossining.....	b
KDXU	Joseph G. Butler, jr.....	b	KEFS	West Harlan.....	b
KDXV	J. J. Sullivan.....	b	KEFT	City of Eureka.....	b
KDXW	James P. Walsh.....	b	KEFX	West Harshaw.....	b
KDXX	J. T. Hutchinson.....	b	KEFZ	West Harts.....	b
KDXY	Martin Mullen.....	b	KEGC	Bristol.....	b
KDXZ	William A. Paine.....	b	KEGF	Eclipse.....	b
KDY	Walter D. Noyes.....	b	KEGG	Chamblee.....	b
KDYA	Resolute.....	b	KEGJ	Chaparel.....	b
KDYB	Spray.....	b	KEGK	Chantier.....	b
KDYC	Viking.....	b	KEGL	Lake Foxcraft.....	b
KDYD	Californian.....	b	KEGM	Dirigo.....	b
KDYE	Reliance.....	b	KEGN	Lake Frolono.....	b
KDYF	Bernice.....	b	KEGP	Lake Frugality.....	b
KDYG	Boy Scout.....	b	KEGR	Lake Frohna.....	b
KDYH	Iragas.....	b	KEGS	West Hartland.....	b
KDYI	Western World.....	b	KEGT	West Hartley.....	b
KDYJ	Meteor.....	b	KEGX	West Hassayampa.....	b
KDYK	H. F. Alexander.....	b	KEH	Nueces.....	b
KDYP	Anvil.....	b	KEI	Medina.....	b
KDYT	Astoria.....	b	KEJ	Alamo.....	b
KDYZ	Dolphin.....	b	KEJD	Easterling.....	b
KDZ	Zulia.....	b	KEJF	Western Ally.....	b

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

Call signal.	Station.	Call signal.	Station.		
KEJG	Lake Fraichur.....	b	KEQR	Galahad.....	b
KEJJ	Lake Fraley.....	b	KEQV	Pisco.....	b
KEJK	Lake Grainger.....	b	KEQX	Salaverry.....	b
KEJL	Lake Grama.....	b	KER	H. M. Flagler.....	b
KEJN	Lake Fanbush.....	b	KERF	Star of Greenland.....	b
KEJP	Lake Faulk.....	b	KERG	Shooters Island.....	b
KEJQ	Cabegon.....	b	KERJ	West Erral.....	b
KEJS	West Amargosa.....	b	KERM	Lake Festus.....	b
KEJT	D. F. McAllister.....	b	KERN	Lake Fibre.....	b
KEJV	Faraby.....	b	KERP	Lake Fielding.....	b
KEJX	Transportation.....	b	KERQ	Yesoking.....	b
KEK	Hillsboro, Oreg.....	c	KERR	Benoni.....	b
KEKB	East Wind.....	b	KERT	Bethelridge.....	b
KEKC	Norma.....	b	KERX	Miller County.....	b
KEKD	West Cobalt.....	b	KERZ	Cecil County.....	b
KEKG	Lake Grampian.....	b	KES	San Jacinto.....	b
KEKJ	Lake Grampus.....	b	KESB	Lake Foxboro.....	b
KEKL	Saguache.....	b	KESC	Sacandaga.....	b
KEKM	Lake Fansdale.....	b	KESD	Castle Point.....	b
KEKN	Lake Fanquier.....	b	KESG	Sapinero.....	b
KEKP	Lake Furlough.....	b	KESK	Lake Flovilla.....	b
KEKQ	Castle Wood.....	b	KESM	Lake Fife.....	b
KEKR	Homestead.....	b	KESN	Lake Figart.....	b
KEKS	Tartar.....	b	KESP	Lake Fighting.....	b
KEKT	Oscoda.....	b	KESQ	Bidwell.....	b
KEKZ	Bluffton.....	b	KESR	Hampton Roads.....	b
KELB	North Pole.....	b	KESV	City of Freeport.....	b
KELC	Polar Star.....	b	KESX	Warwick.....	b
KELK	West Elcajon.....	b	KESZ	Henry Clay.....	b
KELM	Lake Fernando.....	b	KET	{ Bolinas, Calif. (transmitting).....	c
KELN	Lake Ferrona.....	b		{ Marshall, Calif. (receiving).....	c
KELQ	Prusa.....	b	KETG	Braddock.....	b
KELS	Damacan.....	b	KETM	Askawake.....	b
KEM	Comal.....	b	KETN	Edgehill.....	b
KEMG	Susana II.....	b	KETP	Edgemont.....	b
KEMJ	Panay.....	b	KETX	Georgina Rolph.....	b
KEMK	Hoxie.....	b	KETZ	Annette Rolph.....	b
KEML	Jacox.....	b	KEU	S. V. Karkness.....	b
KEMM	Covalt.....	b	KEV	Cagayan de Sulu, P. I.....	c
KEMN	Muncove.....	b	KEVB	Osawatomie.....	b
KEMP	Covena.....	b	KEVD	West Corum.....	b
KEMT	Tavernilla.....	b	KEVF	Edgemoor.....	b
KEMX	West Vaca.....	b	KEVG	Eldena.....	b
KEMZ	Ballenas.....	b	KEVM	Nishmaha.....	b
KENC	East Cape.....	b	KEVN	Osaquamsick.....	b
KEND	Triumph.....	b	KEVP	Ozette.....	b
KENG	West Avenal.....	b	KEVR	Hartwood.....	b
KENJ	West Compo.....	b	KEVS	Chappell.....	b
KENK	West Modus.....	b	KEVT	Schodack.....	b
KENM	Mahukona.....	b	KEVV	Schoharie.....	b
KENN	El Abeto.....	b	KEVX	Tollard.....	b
KENP	Lake Elkwood.....	b	KEVZ	Lake Faresman.....	b
KENQ	Ballew.....	b	KEW	Balabac, P. I.....	c
KENR	Itompa.....	b	KEX	Josiah Macy.....	b
KENS	Cabrille.....	b	KEXB	McKeesport.....	b
KENV	Balcamp.....	b	KEXF	West Munham.....	b
KENX	Clincho.....	b	KEXG	West Nohno.....	b
KEO	Bongao, P. I.....	c	KEXJ	West Togus.....	b
KEP	Lampasas.....	b	KEXK	West Totant.....	b
KEPD	Diablo.....	b	KEXL	Lake Folcroft.....	b
KEPF	Mercer.....	b	KEXM	Wawalona.....	b
KEPG	Agwistar.....	b	KEXN	Moline.....	b
KEPJ	Brevard.....	b	KEXQ	J. L. Luckenbach.....	b
KEPK	Briarcliff.....	b	KEXR	Grand Haven.....	b
KEPL	Aledo.....	b	KEXS	Milwaukee.....	b
KEPM	Lake Elkwater.....	b	KEXT	Peter H. Crowell.....	b
KEPN	Lake Ellendale.....	b	KEXV	Hoven.....	b
KEPP	Lake Ellenorah.....	b	KEXX	West Cajoot.....	b
KEPQ	Proctor.....	b	KEXZ	Glymont.....	b
KEPR	Sahale.....	b	KEY	Arroyo Park Camp, Calif.....	c
KEPS	Lazy Bay, Alaska.....	c	KEZ	San Lorenzo.....	b
KEPT	Saco.....	b	KEZB	Lake Sapor.....	b
KEPV	Wallingford.....	b	KEZC	Lake Fonda.....	b
KEQ	Port Walter, Alaska.....	c	KEZD	Lake Fontana.....	b
KEQB	Dallas.....	b	KEZF	Lake Fontanet.....	b
KEQJ	Baldrock.....	b	KEZJ	Oneida.....	b
KEQK	Belvidere.....	b	KEZK	Lake Gilpen.....	b
KEQM	Lake Ellerslie.....	b	KEZL	Lake Gilta.....	b
KEQN	Lake Ellicott.....	b	KEZM	West Harcuvar.....	b
KEQP	Lake Festina.....	b	KEZN	West Hembria.....	b

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

Call signal.	Station.	Call signal.	Station.		
KEZP	West Hematite.....	b	KFGR	Phyllis.....	b
KEZQ	Wlyndon.....	b	KFGS	Whitney Olson.....	b
KEZR	West Celina.....	b	KFGT	Waimoa.....	b
KEZZ	Poughkeepsie.....	b	KFGU	George L. Olson.....	b
KFA	City of Columbus.....	b	KFGW	Restless.....	b
KFAA	Missourian.....	b	KFH	West Ashawa.....	b
KFAG	Bayonne.....	b	KFHE	St. Katherine.....	b
KFAH	Pilgrim.....	b	KFHG	Dickenson.....	b
KFAI	Glendola.....	b	KFKK	Worrell Clarkson.....	b
KFAL	Dolly C.....	b	KFHM	Virginia Olson.....	b
KFAM	Hamilton.....	b	KFHN	Roosevelt.....	b
KFAO	Glendoyle.....	b	KFHO	Carolyn Frances.....	b
KFAX	Chillicothe.....	b	KFHT	Arctic.....	b
KFB	City of Atlanta.....	b	KFIA	Caesar.....	b
KFBO	Ara.....	b	KFIE	Berkshire.....	b
KFBR	Nepenthe II.....	b	KFIG	Francis E. Powell.....	b
KFBT	Commercial Scout.....	b	KFIH	Joseph D. Wood.....	b
KFBW	Tamarack IV.....	b	KFII	Buford.....	b
KFBX	Stephen M. Clement.....	b	KFIM	Alaska.....	b
KFC	Pybus Bay, Alaska.....	c	KFIN	Tillicum.....	b
KFCE	Gaston.....	b	KFIS	City of Grand Rapids.....	b
KFCG	Steele.....	b	KFIT	City of St. Joseph.....	b
KFCI	Steel Traveler.....	b	KFJ	City of Augusta.....	b
KFCJ	Hugh Kennedy.....	b	KFK	City of Savannah.....	b
KFCN	James MacNaughton.....	b	KFM	Camp 61-C.....	c
KFCO	St. Michael.....	b	KFN	San Ysidro, Calif.....	c
KFCR	Champlain.....	b	KFOG	General call for all ice patrol vessels.....	b
KFCS	Ohio.....	b	KFP	Nacoochee.....	b
KFCT	William C. Agnew.....	b	KFQ	Owego.....	b
KFCU	Alcyone.....	b	KFS	San Francisco, Calif. (Beach station).....	c
KFCW	Sea Gull.....	b	KFT	Everett, Wash.....	b
KFCX	Fisher.....	b	KFU	Pearl Creek Dome; Cold Bay oil district, Alaska.....	c
KFD	Lake Janet.....	b	KFW	Freedom.....	b
KFDE	Logan.....	b	KFZZ	General call for all I. W. T. Co. vessels.....	b
KFDG	Petrel.....	b	KFX	City of St. Louis.....	b
KFDI	Goliath.....	b	KFY	City of Montgomery.....	b
KFDK	Sciner.....	b	KGAE	New Windsor.....	b
KFDM	Chinampa.....	b	KGC	Kanatak, Alaska.....	c
KFDN	Rowena.....	b	KGD	Suruga.....	b
KFDQ	Robert Lewers.....	b	KGE	Westwego.....	b
KFDS	Tonawanda.....	b	KGH	Hillsboro, Oreg.....	c
KFDT	Calawai.....	b	KGI	Kahuku, Hawaii (Oahu station).....	c
KFDW	Eurana.....	b	KGJ	San Juan.....	b
KFE	Wynooche.....	b	KGK	Edgar F. Luckenbach.....	b
KFEA	Blue Hill.....	b	KGL	Dochra.....	b
KFEE	Niagara.....	b	KGM	Mexicano.....	b
KFEF	Quincy.....	b	KGOE	Lake Harney.....	b
KFEG	Frank H. Goodyear.....	b	KGP	Ponce.....	b
KFEH	Seaward.....	b	KGQ	Edward Luckenbach.....	b
KFEI	John A. Kiting.....	b	KGR	Cambridge.....	b
KFEK	Indian.....	b	KGS	Senator Bailey.....	b
KFEM	Dix.....	b	KGT	Madison.....	b
KFEN	Merida.....	b	KGUE	Caribbean.....	b
KFEO	Monana.....	b	KGUI	Apex.....	b
KFES	City of Holland.....	b	KGX	Sewalls Point.....	b
KFET	City of Saugatuck.....	b	KGZ	Julia Luckenbach.....	b
KFEU	Haleakala.....	b	KHA	Uyak, Alaska.....	c
KFEW	North King.....	b	KHB	Kvichak, Alaska.....	c
KFF	Frieda.....	b	KHC	Chignik, Alaska.....	c
KFFC	Pennsylvania Sun.....	b	KHD	Quadra, Alaska.....	c
KFFG	Elmore.....	b	KHE	Lake Silver.....	b
KFFH	Star of France.....	b	KHF	Snag Point, Alaska.....	c
KFFI	Star of Italy.....	b	KHG	Clarks Point, Alaska.....	c
KFFJ	Star of Russia.....	b	KHH	San Francisco, Calif.....	c
KFFK	Star of Scotland.....	b	KHI	Los Angeles, Calif.....	c
KFFL	Edward Sewall.....	b	KHK	Wahiawa, Hawaii (Island of Oahu).....	c
KFFM	Arapahoe.....	b	KHL	Lahaina, Hawaii (Island of Maui).....	c
KFFN	Chilkat.....	b	KHM	Lihue, Hawaii (Island of Kauai).....	c
KFFS	St. Heliers.....	b	KHN	Kawahae, Hawaii (Island of Hawaii).....	c
KFFT	De Soto.....	b	KHO	Kaunakakai, Hawaii (Island of Molokai).....	c
KFFU	Barbara C.....	b	KHP	Mangore.....	b
KFFW	Stanwood.....	b	KHR	J. W. Van Dyke.....	b
KFG	Feltore.....	b	KHS	H. C. Folger.....	b
KFGA	Alleghany.....	b	KHT	Naknek, Alaska.....	c
KFGE	F. A. Douty.....	b	KHU	Lake Ogden.....	b
KFGH	Stanford University, Calif.....	c	KHV	Lake Jessup.....	b
KFGI	Good Will.....	b	KHW	Lake Charles.....	b
KFGK	Leroy.....	b	KHY	K. I. Luckenbach.....	b
KFGN	President Buchanan.....	b			
KFGO	George B. MacKenzie.....	b			

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

Call signal.	Station.	Call signal.	Station.		
KHZ	Mystic.....	b	KIJF	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	Dorothy Luckenbach.....	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
KIC	Standard.....	b	KIK	Westerner.....	b
KICM	Edgewood.....	b	KIKB	Hillsborough County.....	b
KICP	William Perkins.....	b	KIKC	Jackson.....	b
KICQ	West Isleta.....	b	KIKD	Johnson City.....	b
KICR	Gaffney.....	b	KIKE	Jefferson County.....	b
KICS	Zaremba.....	b	KIKG	St. Johns County.....	b
KICV	Gunston Hall.....	b	KIKJ	St. Augustine.....	b
KICZ	Admiral Evans.....	b	KIKK	Shortsville.....	b
KID	Matinicock.....	b	KIKL	Worcester.....	b
KIDB	Lake Granby.....	b	KIKM	West Kasson.....	b
KIDC	Satartia.....	b	KIKQ	Ambridge.....	b
KIDD	West Alcoz.....	b	KIKR	Clairton.....	b
KIDF	Hegira.....	b	KIKT	Evansville.....	b
KIDJ	Mulpua.....	b	KIKX	West Islip.....	b
KIDL	Genesee.....	b	KIL	Jolo, P. I. (Jolo Island).....	c
KIDM	Anniston.....	b	KILF	Elmsport.....	b
KIDN	Chattanooga.....	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	KILR	Scantic.....	b
KIDX	Waukegan.....	b	KILT	West Calumb.....	b
KIDZ	Orleans.....	b	KILV	Ipswich.....	b
KIE	(Kahuku, Hawaii (transmitting).....)	b	KILX	Monasses.....	b
	(Koko Head, Hawaii (receiving).....)	c	KILZ	West Cawthon.....	b
KIF	Davao, P. I.....	c	KIM	Latouche, Alaska.....	c
KIFB	West Irmo.....	b	KIMB	Tuckanuck.....	b
KIFC	Hukey.....	b	KIMC	Tripp.....	b
KIFD	West Cavanal.....	b	KIMD	Deerlodge.....	b
KIFG	Favorite.....	b	KIMG	West Chetac.....	b
KIFJ	Kishacoquillas.....	b	KIMJ	Cushnoc.....	b
KIFK	Chatauqua.....	b	KIMM	Winyah.....	b
KIFL	Stellaris.....	b	KIMN	Salvation Lass.....	b
KIFN	Humrick.....	b	KIMQ	East Side.....	b
KIFP	West Conob.....	b	KIMR	Dochet.....	b
KIFQ	Bound Brook.....	b	KIMS	Burnwell.....	b
KIFR	Barranca.....	b	KIMT	Mount Evans.....	b
KIFV	Andrea F. Luckenbach.....	b	KIMV	Lake Cannonsburg.....	b
KIFX	Youngstown.....	b	KIMX	Orinoco.....	b
KIFZ	Lorain.....	b	KIMZ	Pipestone County.....	b
KIG	Pioneer.....	b	KIN	Macom.....	b
KIGB	Lake Glencoe.....	b	KINB	Ogontz.....	b
KIGC	Humaconna.....	b	KINC	Hyannis.....	b
KIGD	Hulver.....	b	KIND	Rock Island.....	b
KIGF	Seekonk.....	b	KINF	Costigan.....	b
KIGG	Walden.....	b	KING	Watertown.....	b
KIGJ	Director.....	b	KINJ	Lake Fabyan.....	b
KIGK	Intan.....	b	KINK	Lake Glasco.....	b
KIGL	Polybius.....	b	KINL	Pere Marquette S.....	b
KIGM	Lake Farlin.....	b	KINM	Lehigh.....	b
KIGP	Gratia.....	b	KINN	West Ison.....	b
KIQQ	Santa Elsia.....	b	KINP	West Hepburn.....	b
KIGR	Blair.....	b	KINQ	Eelbeck.....	b
KIGS	Harry Luckenbach.....	b	KINR	Olen.....	b
KIGT	Bessemer.....	b	KINS	Boston Bridge.....	b
KIGX	Yaklok.....	b	KINT	Bay Head.....	b
KIGZ	Ashbee.....	b	KINV	Calno.....	b
KIH	Corning.....	b	KINX	Davidson County.....	b
KII	San Francisco, Calif.....	c	KINZ	Pawtucket.....	b
KIJ	Acme.....	b	KIO	Brynilda.....	b
KIJB	Lake Candelaria.....	b	KIP	General W. C. Gorgas.....	b
KIJC	Balsam.....	b	KIPB	Asinippi.....	b
KIID	Barrenfork.....	b	KIPC	Pontia.....	b

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

Call signal.	Station.	Call signal.	Station.		
KIPD	Wallkill.....	b	KIVG	Mercer Victory.....	b
KIPF	Woodmansie.....	b	KIVJ	Hatchie.....	b
KIPG	Doylestown.....	b	KIVK	Traveler.....	b
KIPJ	West Chataha.....	b	KIVM	Lake Fear.....	b
KIPK	West Begovia.....	b	KIVN	Explorer.....	b
KIPN	Lake Gazette.....	b	KIVP	Westoil.....	b
KIPP	American Star.....	b	KIVQ	Huguenot.....	b
KIPQ	Lake Fablus.....	b	KIVR	Devolente.....	b
KIPR	S. B. Hunt.....	b	KIVS	Delina.....	b
KIPS	Geo. H. Jones.....	b	KIVT	Delisle.....	b
KIPV	Luxpallie.....	b	KIVV	West Cactus.....	b
KIPX	Maiden Creek.....	b	KIVX	Guardzman.....	b
KIPZ	Lake Farmingdale.....	b	KIVZ	Custodian.....	b
KIQ	Astral.....	b	KIW	Zamboanga, P. I.....	c
KIQB	Belfort.....	b	KIX	Cuyo, P. I.....	c
KIQC	Westmoreland.....	b	KIXB	West Cheswald.....	b
KIQD	Cansumset.....	b	KIXC	West Raritans.....	b
KIQE	Cotati.....	b	KIXD	Lackawanna Valley.....	b
KIQK	Cold Spring.....	b	KIXF	Abianset.....	b
KIQN	Lake Farragut.....	b	KIXG	Asabeth.....	b
KIQP	Bolivar.....	b	KIXJ	Fourth Alabama.....	b
KIQR	Hugoton.....	b	KIXK	Lafcom.....	b
KIQS	Bathgate.....	b	KIXM	Lockport.....	b
KIQT	Bathalum.....	b	KIXN	Lordship Manor.....	b
KIQV	Corson.....	b	KIXP	Nonantum.....	b
KIQX	Fluor Spar.....	b	KIXQ	Putnam.....	b
KIQZ	Liberty Glo.....	b	KIXR	Tulsa.....	b
KIR	Eagle.....	b	KIXS	Abraham Lincoln.....	b
KIRB	Lake Farber.....	b	KIXT	Lake Flagon.....	b
KIRF	West Cayote.....	b	KIXV	Montauk.....	b
KIRG	New Britain.....	b	KIXX	Wekika.....	b
KIRJ	Lake Frumet.....	b	KIXZ	West Selene.....	b
KIRK	Sharon.....	b	KIY	San Jose, P. I.....	c
KIRM	Arenas.....	b	KIZ	Malabang, P. I.....	c
KIRN	Haddon.....	b	KIZB	Domino.....	b
KIRP	Waco.....	b	KIZC	Bakersfield.....	b
KIRQ	Delavan.....	b	KIZD	De Bardeleben.....	b
KIRR	Cambridge.....	b	KIZF	Buffalo Bridge.....	b
KIRS	John Ena.....	b	KIZG	Parksville.....	b
KIRT	Derbyline.....	b	KIZJ	Dauperata.....	b
KIRV	Lake Fairfax.....	b	KIZK	Katherine.....	b
KIRX	Casper.....	b	KIZL	Avalon.....	b
KIRZ	Glen Ridge.....	b	KIZM	Lake Flagstaff.....	b
KISC	Orcus.....	b	KIZN	Lake Flambeau.....	b
KISD	Seattle Spirit.....	b	KIZP	Shickshinny.....	b
KISF	Wheatland, Mont.....	b	KIZQ	Bannack.....	b
KISG	Elkridge.....	b	KIZR	Winona County.....	b
KISJ	Stanley.....	b	KIZS	Vincent.....	b
KISK	West Keene.....	b	KIZT	Algonquin.....	b
KISM	Baldbutte.....	b	KIZV	Imlay.....	b
KISN	Lake Fagundus.....	b	KIZX	Labette.....	b
KISP	Lake Fairlie.....	b	KIZZ	Rockaway Park.....	b
KISQ	Afel.....	b	KJAA	Chebaulip.....	b
KISR	City of Fairbury.....	b	KJAE	West Indian.....	b
KISS	Liberty Land.....	b	KJAI	West Durfee.....	b
KIST	Wm. G. Howard.....	b	KJAO	West Lianga.....	b
KISV	Asquam.....	b	KJAU	West Grove.....	b
KISX	Lake Farrar.....	b	KJC	Rose Inlet, Alaska.....	c
KIT	Tiger.....	b	KJD	North Land.....	b
KITB	Lake Falama.....	b	KJE	Norlina.....	b
KITC	Babboosic.....	b	KJEA	Western Ocean.....	b
KITF	Firthcliffe.....	b	KJEI	John M. Connelly.....	b
KITG	Kittegaun.....	b	KJEU	Santa Luisa.....	b
KITJ	Innoko.....	b	KJF	Carolinian.....	b
KITK	Bellbuckle.....	b	KJH	West Wind.....	b
KITL	Wytheville.....	b	KJI	Satsuma.....	b
KITM	Betsy Bell.....	b	KJIE	Walter A. Luckenbach.....	b
KITN	Nameaug.....	b	KJH	Muscatine.....	b
KITP	Lake Gadsden.....	b	KJIO	Paul H. Harwood.....	b
KITQ	Lake Singara.....	b	KJIU	Carib.....	b
KITR	Keshena.....	b	KJK	King Cove, Alaska.....	c
KITV	Dunmore.....	b	KJL	False Pass, Alaska.....	c
KITX	Willfaro.....	b	KJM	West Cherow.....	b
KITZ	West Inskip.....	b	KJN	J. A. Bostwick.....	b
KIU	Western Hero.....	b	KJO	Munisla.....	b
KIV	Puerto Princesa Paragua, P. I.....	c	KJOE	W. M. Irish.....	b
KIVB	Minnequa.....	b	KJOO	West Bridge.....	b
KIVC	Kewanee.....	b	KJP	Joseph R. Parrott.....	b
KIVD	Marina.....	b	KJT	Waban.....	b
KIVF	Lightburne.....	b	KJU	Bacoi.....	b

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

Call signal.	Station.	Call signal.	Station.		
KJUA	Ice King.....	b	KLUA	Lake Capens.....	b
KJUE	Radnor.....	b	KLUE	Lake Sebago.....	b
KJUI	Point Lobos.....	b	KLUI	Lake Cayuga.....	b
KJUL	West Alsek.....	b	KLUL	Lake Ennis.....	b
KJUN	West Apauim.....	b	KLUN	Agarista.....	b
KJUV	West Haven.....	b	KLUV	San Mateo.....	b
KJW	O. T. Waring.....	b	KLW	Port Althorp, Alaska.....	c
KJX	Westland.....	b	KLX	Deepwater.....	b
KJY	West Point.....	b	KLY	Allianza.....	b
KJZ	Chincha.....	b	KMA	Admiral Nicholson.....	b
KKA	Yakutat, Alaska.....	c	KMAA	Catherine D.....	b
KKAA	Sulzer, Alaska.....	c	KMAI	Amoleo.....	b
KKAE	Nushagak, Alaska.....	c	KMAJ	Cristobal.....	b
KKAI	Hawk Inlet, Alaska.....	c	KMB	Pennant.....	b
KKAL	Kussilof, Alaska.....	c	KMC	Orizaba.....	b
KKAU	Avondale.....	b	KME	Cletus Schneider.....	b
KKB	El Sol.....	b	KMEI	Pasadena.....	b
KKC	Chalmette.....	b	KMEU	Egegik, Alaska.....	c
KKD	Comus.....	b	KMF	Ekuk, Alaska.....	c
KKE	Topila.....	b	KMG	Panama.....	b
KKEE	Nanking.....	b	KMH	Tivives.....	b
KKEI	City of Sydney.....	b	KMI	Cape Henry.....	b
KKEO	Waukesha.....	b	KMIE	Masuda.....	b
KKEU	Mariners Harbor.....	b	KMII	Willimantic.....	b
KKF	Torres.....	b	KMIO	W. M. Burton.....	b
KKG	El Almirante.....	b	KMIU	Naknek, Alaska.....	c
KKH	El Capitan.....	b	KMK	Lockanok, Alaska.....	c
KKI	Kilkenny.....	b	KML	Panuco.....	b
KKJ	West Celeron.....	b	KMM	Butte, Mont.....	c
KKL	El Alba.....	b	KMN	Accomac.....	b
KKM	Momus.....	b	KMOE	Eldorado.....	b
KKN	El Norte.....	b	KMOI	Oakland.....	b
KKO	Excelsior.....	b	KMOO	Edward Peirce.....	b
KKOA	Biran.....	b	KMOU	Metha Nelson (moored vessel).....	c
KKOE	Lake Annette.....	b	KMP	Sherman.....	b
KKQ	El Sud.....	b	KMQ	Wellington.....	b
KKR	Creole.....	b	KMR	Ancon.....	b
KKS	El Siglo.....	b	KMS	Libbyville, Alaska.....	c
KKT	El Cid.....	b	KMT	Ugashik, Alaska.....	c
KKU	El Mundo.....	b	KMU	Lake Lasang.....	b
KKUI	William G. Mather.....	b	KMUA	Lake Larga.....	b
KKV	El Oriente.....	b	KMUE	George W. Barnes.....	b
KKW	El Valle.....	b	KMUI	Lake Flume.....	b
KKX	El Occidente.....	b	KMUU	Advance.....	b
KKY	El Dia.....	b	KMV	Akutan, Alaska.....	c
KKZ	El Rio.....	b	KMW	Colon.....	b
KLA	Pastores.....	b	KMX	Holden Evans.....	b
KLAA	Luella.....	b	KMY	General G. W. Goethals.....	b
KLAE	Overbrook.....	b	KMZ	Dorothy Bradford.....	b
KLAO	Lake Crystal.....	b	KNA	Western Sea.....	b
KLAU	Lake Winona.....	b	KNAE	West Cohas.....	b
KLBC	Calamares.....	b	KNAI	Western City.....	b
KLDB	Fort Worth.....	b	KNAO	Western Chief.....	b
KLDE	Zacapa.....	b	KNAU	Westford.....	b
KLDA	Lake Maurepas.....	b	KNB	Lexington.....	b
KLDEE	Lake St. Regis.....	b	KNC	Concord.....	b
KLDF	Lake Allen.....	b	KND	Plymouth.....	b
KLDFI	Lake Clear.....	b	KNE	Clare.....	b
KLDFU	Lake Pewaukee.....	b	KNEA	Western Spirit.....	b
KLDFP	Metapan.....	b	KNEE	Santa Tecla.....	b
KLDFG	Santa Marta.....	b	KNEU	Wishkah.....	b
KLDFH	Saramacca.....	b	KNFB	Wm. G. Warden.....	b
KLDFI	Suriname.....	b	KNG	Alden Anderson.....	b
KLDFIA	Lake Otisco.....	b	KNH	Brockton.....	b
KLDFIE	Lake Como.....	b	KNK	Lillian Luckenbach.....	b
KLDFIU	Frank Lynch.....	b	KNL	Nelson.....	b
KLDFJ	Beatrice.....	b	KNM	Millinocket.....	b
KLDFK	Craster Hall.....	b	KNO	Trinidadian.....	b
KLDFLL	Thompson Falls, Mont.....	c	KNP	Chignik, Alaska.....	c
KLDFLM	Bantu.....	b	KNQ	F. Q. Barstow.....	c
KLDFLO	Santa Rosalia.....	b	KNR	Clearwater, Calif.....	b
KLDFLOE	Lake Hemlock.....	b	KNS	Sucrosa.....	b
KLDFLOI	Lakehurst.....	b	KNU	Currier.....	b
KLDFLOO	Lake Lida.....	b	KNW	Robert M. Thompson.....	b
KLDFLOU	Lake Shawano.....	b	KNY	Fred W. Weller.....	b
KLDFLQ	Rainbow, Mont. (near Great Falls).....	c	KNZ	A. C. Bedford.....	b
KLDFLR	Crofton Hall.....	b	KOBC	Ruby.....	b
KLDFLT	Howick Hall.....	b	KOBD	Oranl.....	b
KLDFLU	Charlton Hall.....	b	KOBF	Vanada.....	b

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

Call signal.	Station.	Call signal.	Station.		
KOBB	Editor.....	b	KOGB	Commissioner.....	b
KOBY	Deroche.....	b	KOH	Glenpool.....	b
KOBL	West Katan.....	b	KOI	Polarine.....	b
KOBK	Lake Ellijay.....	b	KOJB	York Harbor.....	b
KOBM	Willpolo.....	b	KOJD	Sinsinawa.....	b
KOBN	Alameda.....	b	KOJF	Montana.....	b
KOBP	Bird City.....	b	KOJG	Jacksonville.....	b
KOBQ	Gonzalls.....	b	KOJJ	Lake Galata.....	b
KOBR	Barwick.....	b	KOJK	Hanover.....	b
KOBT	Lake Inglenook.....	b	KOJL	Cripple Creek.....	b
KOBV	Baldhill.....	b	KOJM	Lake Onawa.....	b
KOBX	Moshico.....	b	KOJP	Lake Favonia.....	b
KOBZ	Lake Elon.....	b	KOJQ	Lake Fitch.....	b
KOC	Jamestown.....	b	KOJR	Chickasaw.....	b
KOCB	Lake Savus.....	b	KOJS	Magmeric.....	b
KOCC	Epitacio Pessoa.....	b	KOJT	Lake Galien.....	b
KOCD	Texarkana.....	b	KOJV	Portsmouth.....	b
KOCF	Nokatay.....	b	KOJX	Lake Galewood.....	b
KOCG	Lake Fiscus.....	b	KOJZ	Lake Gaither.....	b
KOCI	Aguilo.....	b	KOKC	Northern Star.....	b
KOCK	West Pocasset.....	b	KOKD	Bellerose.....	b
KOCL	Elkhorn.....	b	KOKF	Belleplaine.....	b
KOCM	Marsodak.....	b	KOKG	Moositauka.....	b
KOCN	Federal Bridge.....	b	KOKK	Iceland.....	b
KOCP	Continental Bridge.....	b	KOKM	Daniel Webster.....	b
KOCQ	Clark Mills.....	b	KOKN	Potomac.....	b
KOCR	John W. Wells.....	b	KOKP	Crisfield.....	b
KOCS	Lake Girardeau.....	b	KOKQ	Paria.....	b
KOCT	Hercules.....	b	KOKR	Inspector.....	b
KOCV	West Saginaw.....	b	KOKS	Southlands.....	b
KOCX	West Jaffrey.....	b	KOKT	Bethnor.....	b
KOCZ	Lake Ellsworth.....	b	KOKV	Kaleen.....	b
KOD	Jefferson.....	b	KOKZ	Lake Fithian.....	b
KODB	Nobles.....	b	KOL	Mount Hope.....	b
KODC	Sunbeam.....	b	KOLB	Aryan.....	b
KODF	West Caddoa.....	b	KOLC	Orient.....	b
KODG	Siletz.....	b	KOLD	Antonia.....	b
KODK	Hathaway.....	b	KOLJ	Lake Faxon.....	b
KODL	Menominee.....	b	KOLK	Lake Felden.....	b
KODN	Endicott.....	b	KOLL	Clavarack.....	b
KODQ	Hulaco.....	b	KOLN	Susquehanna.....	b
KODR	Salem County.....	b	KOLP	Cathlamet.....	b
KODS	Bellemina.....	b	KOLR	Lake Elmdale.....	b
KODT	Dewey.....	b	KOLS	Chicomico.....	b
KODV	Hog Island.....	b	KOLT	Efingham.....	b
KODX	Dillwyn.....	b	KOLV	Palisades.....	b
KODZ	Ophis.....	b	KOLX	Cranford.....	b
KOF	Castle Town.....	b	KOLZ	Lake Getaway.....	b
KOFC	Bellhaven.....	b	KOMB	Lake Gert.....	b
KOFD	Anaconda.....	b	KOMC	Lake Flattery.....	b
KOFF	Auditor.....	b	KOMD	Deuel.....	b
KOFG	Dean Emery.....	b	KOMF	Bartholomew.....	b
KOFJ	H. F. Morse.....	b	KOMG	Whitemarsh.....	b
KOFK	Elkon.....	b	KOMK	Lycoming.....	b
KOFL	Chepadoa.....	b	KOML	J. R. Gordon.....	b
KOFM	Lake Ellithorpe.....	b	KOMM	Scottsburg.....	b
KOFN	Cockaponset.....	b	KOMN	San Antonio.....	b
KOFP	Lake Ellsbury.....	b	KOMP	Coahoma County.....	b
KOFQ	Lake Elmhurst.....	b	KOMQ	Afoundria.....	b
KOFR	Basford.....	b	KOMR	Ashland County.....	b
KOFS	Bascohel.....	b	KOMS	Henry County.....	b
KOFT	Bensalem.....	b	KOMT	Efina.....	b
KOFV	Lake Elpueblo.....	b	KOMV	Montague.....	b
KOFX	Cook.....	b	KOMX	Peekskill.....	b
KOFZ	Coquitt.....	b	KOMZ	Coskata.....	b
KOGB	Independent Bridge.....	b	KON	Union Bay, Alaska.....	c
KOGC	Lackawanna Bridge.....	b	KONB	Cushnet.....	b
KOGD	Moosehausic.....	b	KONC	Cuttyhunk.....	b
KOGF	Kootenai.....	b	KOND	Indiana Bridge.....	b
KOGJ	Noekum.....	b	KONG	Margus.....	b
KOGK	Escambia.....	b	KONJ	Massillon Bridge.....	b
KOGL	West Ira.....	b	KONK	Northwestern Bridge.....	b
KOGM	Storm King.....	b	KONL	Fargo.....	b
KOGN	Brave Coeur.....	b	KONM	La Crosse.....	b
KOGP	Hadnot.....	b	KONN	Soiux Falls.....	b
KOGQ	Irvington.....	b	KONP	Lansdowne.....	b
KOGR	Lake Fairport.....	b	KONQ	Andrew Jackson.....	b
KOGS	Lake Flatonia.....	b	KONR	Antietam.....	b
KOGT	Lake Flanders.....	b	KONS	City of Houston.....	b
KOGX	Merry Mount.....	b	KONT	City of Philadelphia.....	b

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

Call signal.	Station.	Call signal.	Station.		
KONV	Lake Filbert.....	b	Gulftrade.....	b	
KONX	Detroit-Wayne.....	b	KOVB	Lake Tippah.....	b
KONZ	City of Alton.....	b	KOVC	Maquan.....	b
KOPB	Lake Fernalda.....	b	KOVD	Amcross.....	b
KOPC	Bavington.....	b	KOVF	Lake Elmsford.....	b
KOPD	Dannedalke.....	b	KOVG	Dilworth.....	b
KOPF	Massick.....	b	KOVJ	Lake Fandango.....	b
KOPG	Minnewawa.....	b	KOVL	Robin Adair.....	b
KOPJ	Terre Haute.....	b	KOVM	E. A. Morse.....	b
KOPK	Circinus.....	b	KOVN	Georgian.....	b
KOPL	Corvus.....	b	KOVQ	Elsay.....	b
KOPN	Wasagya.....	b	KOVR	Abercos.....	b
KOPP	Eastern Breeze.....	b	KOVS	Lake Fandon.....	b
KOPQ	Bellflower.....	b	KOVT	Coeur D'Alene.....	b
KOPR	Kearny.....	b	KOVV	Coelada.....	b
KOPT	Eglantine.....	b	KOVX	Tampa.....	b
KOPV	Lake Fillion.....	b	KOVZ	I. J. Merritt.....	b
KOPZ	Centaurus.....	b	KOX	Henry M. Flagler.....	b
KOQC	Hagan.....	b	KOXB	Haslehurst.....	b
KOQD	Hagood.....	b	KOXC	Suwied.....	b
KOQF	Tri Mountain.....	b	KOXD	Tashmo.....	b
KOQG	Lake Elmton.....	b	KOXF	Tekoa.....	b
KOQJ	Casey.....	b	KOXG	Toledo Bridge.....	b
KOQK	Coldbrook.....	b	KOJ	Tona.....	b
KOQL	George C. Greer.....	b	KOKJ	Tomesit.....	b
KOQM	Standtug No. 1.....	b	KOKL	Tuladi.....	b
KOQP	McCreary County.....	b	KOKM	Vincennes Bridge.....	b
KOQQ	West Ivis.....	b	KOKN	Pirate Cove, Alaska.....	c
KOQS	Egremont.....	b	KOKP	Von Steuben.....	b
KOQT	Quinnipiac.....	b	KOKS	West Jessup.....	b
KOQV	Corinto.....	b	KOKT	Robin Gray.....	b
KOQX	Nipmuc.....	b	KOKV	Roanoke.....	b
KOQZ	Kayseeka.....	b	KOKX	Steelmaker.....	b
KORB	West Mingo.....	b	KOZZ	Steel Age.....	b
KORC	Macomet.....	b	KOY	Herbert L. Pratt.....	b
KORD	Sundance.....	b	KOZ	Miami.....	b
KORF	Noccalula.....	b	KOZB	City of Omaha.....	b
KORG	Cethana.....	b	KOZC	City of Los Angeles.....	b
KORJ	Challamba.....	b	KOZD	Rockport.....	b
KORK	Dryden.....	b	KOZF	Tenahy.....	b
KORL	Jaleakala.....	b	KOZG	Moravia Bridge.....	b
KORM	Jadden.....	b	KOZJ	West Nier.....	b
KORP	Monomac.....	b	KOZK	West Hika.....	b
KORQ	Bogota.....	b	KOZL	Quaker City.....	b
KORS	Manham.....	b	KOZM	Miskianza.....	b
KORT	Hancock County.....	b	KOZN	Minooka.....	b
KORV	Wildwood.....	b	KOZP	Vigilant.....	b
KORX	Cliffwood.....	b	KOZQ	City of Berkeley.....	b
KOS	Lake Saba.....	b	KOZR	Culburra.....	b
KOSC	Tenakee, Alaska.....	c	KOZS	West Ivan.....	b
KOSD	Nile.....	b	KOZT	Lake Elmwood.....	b
KOSF	Monroe.....	b	KOZV	William H. Webb.....	b
KOSL	West Karer.....	b	KOZX	Norumbega.....	b
KOSM	City of St. Joseph.....	b	KOZZ	Collamer.....	b
KOSN	John Roach.....	b	KPAA	Point Judith.....	b
KOSQ	Lake Treba.....	b	KPB	Amuguis, P. I.....	c
KOSR	Lake Elsay.....	b	KPC	Batangas, P. I.....	c
KOSS	John Adams.....	b	KPD	W. H. Tilford.....	b
KOST	Chester Valley.....	b	KPE	Seattle, Wash.....	c
KOSV	Kenowis.....	b	KPF	General O. H. Ernst.....	b
KOSX	Hartford.....	b	KPG	General H. F. Hodges.....	b
KOT	Kanak.....	b	KPH	Bolinas, Calif.....	c
KOTB	Lake Falun.....	b	KPI	Cebu, P. I.....	c
KOTD	Cross Keys.....	b	KPJ	Cullion, P. I.....	c
KOTF	Mitchell.....	b	KPK	Los Angeles, Calif. (portable).....	c
KOTG	West Jena.....	b	KPL	Moonlite.....	b
KOTJ	Lake Slavi.....	b	KPM	Iloilo, P. I.....	c
KOTK	West Neris.....	b	KPN	Isabela de Basilan, P. I.....	c
KOTL	Vinita.....	b	KPP	Dawnlite.....	b
KOTM	Robin Hood.....	b	KPQ	Sunlite.....	b
KOTN	West Hesseltine.....	b	KPR	Daylite.....	b
KOTP	Wisla.....	b	KPS	Benjamin Brewster.....	b
KOTQ	Red Mountain.....	b	KPT	Achilles.....	b
KOTR	West Montop.....	b	KPU	Ulysses.....	b
KOTT	Lake Fenn.....	b	KPV	Melangas, P. I.....	c
KOTV	Franklin County.....	b	KPW	Malita, P. I.....	c
KOTX	Delanson.....	b	KPX	Port Lebak, P. I.....	c
KOTZ	Benowa.....	b	KPY	San Francisco, P. I.....	c
KOU	Isaac T. Mann.....	b	KPZ	Mati, P. I.....	c
KOV	Carlisle, Alaska.....	c	KQA	Harry Farnum.....	b

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

Call signal.	Station.	Call signal.	Station.	
KQB	W. L. Connelly.....	b	KSE	Wilmington, Calif. (Los Angeles).....
KQC	Cretan.....	b	KSEA	Absecon.....
KQD	Dorchester.....	b	KSEE	Mincola.....
KQE	Essex.....	b	KSEI	Eastern Chief.....
KQEO	Lake Charlotte.....	b	KSEU	Jonancy.....
KQF	Gene Crowley.....	b	KSF	Finland.....
KQG	Gloucester.....	b	KSG	Baton Rouge.....
KQH	Howard.....	b	KSH	Kroonland.....
KQIE	Farnam.....	b	KSI	H. H. Rogers.....
KQII	Santa Olivia.....	b	KSIE	Glen White.....
KQIO	Deranof.....	b	KSII	Lake Catherine.....
KQIU	West Ekonk.....	b	KSIU	Lake Benton.....
KQJ	Junjata.....	b	KSJ	Security.....
KQK	Kershaw.....	b	KSK	Caddo.....
KQL	Hidden Inlet, Alaska.....	c	KSM	Philadelphia.....
KQM	Merrimack.....	b	KSO	St. Paul.....
KQN	Nantucket.....	b	KSOA	Polar Sea.....
KQO	Ontario.....	b	KSOC	General call for all Standard Oil Co. ves- sels.....
KQOA	Anacortes.....	b	KSOE	Lake Eckhart.....
KQOE	Delight.....	b	KSOI	Lake Wimico.....
KQOI	Western Light.....	b	KSOO	Lake Duncan.....
KQOO	Western Maid.....	b	KSOU	Bylail.....
KQP	Tee Harbor, Alaska.....	c	KSP	Caloria.....
KQQ	Quantic.....	b	KSQ	Charles Pratt.....
KQR	Grecian.....	b	KSR	Bayway.....
KQT	San Gabriel Camp, Calif.....	c	KST	Princeton.....
KQU	Ruth E. Merrill.....	b	KSU	Somerset.....
KQUA	Allies.....	b	KSV	Standard Arrow.....
KQUE	Lancaster.....	b	KSW	Royal Arrow.....
KQVO	Lake Chelan.....	b	KSX	Sylvan Arrow.....
KQUU	West Gambo.....	b	KSY	Broad Arrow.....
KQX	Persian.....	b	KSZ	Cora F. Cressy.....
KQZ	City of Rome.....	b	KTAA	San Francisco, Calif.....
KRA	Freeport Sulphur No. 1.....	b	KTAA	Alloway.....
KRAA	West Coast.....	b	KTAI	Lake Eliko.....
KRAE	Mauban.....	b	KTAO	Lake Frances.....
KRAB	Governor Cobb.....	b	KTAU	Eastern Star.....
KRC	Camden.....	b	KTB	Gulfstream.....
KRD	Belfast.....	b	KTC	Shenango.....
KREA	Cape Roman.....	b	KTD	Ligonier.....
KREI	Lake Washburn.....	b	KTE	Winifred.....
KREO	Lake Mary.....	b	KTEA	Eastern Sea.....
KRF	Ransom B. Fuller.....	b	KTEE	Western Cross.....
KRG	Freeport Sulphur No. 2.....	b	KTEI	Winnebago.....
KRH	City of Bangor.....	b	KTF	J. M. Guffey.....
KRI	City of Rockland.....	b	KTG	Gulfoil.....
KRIA	Lake Daraga.....	b	KTH	Robert P. Clark.....
KRII	Lake Elsinore.....	b	KTI	Brilliant.....
KRIU	Liberator.....	b	KTIE	Eastern Sun.....
KRJ	Relief.....	b	KTIO	Fresno.....
KRK	Oswego.....	b	KTIU	Lake Blanchester.....
KRL	Kiowa.....	b	KTJ	Comet.....
KRM	Resolute.....	b	KTL	Rayo.....
KRN	Calvin Austin.....	b	KTM	Eocene.....
KRO	Brammell Point.....	b	KTN	Perfection.....
KROE	Aniwa.....	b	KTO	John D. Rockefeller.....
KROI	Wampum.....	b	KTOA	Lake Narka.....
KROO	Wassaic.....	b	KTOE	Mary.....
KROU	Garibaldi.....	b	KTOI	Catherine.....
KRQ	Manitowoc.....	b	KTOO	Lake Yemassee.....
KRR	C. A. Snider.....	b	KTOU	Lake Markham.....
KRS	Paulsboro.....	b	KTP	James McGee.....
KRT	San Francisco.....	b	KTQ	City of Everett.....
KRU	Yes Bay, Alaska.....	c	KTR	Radiant.....
KRUI	Santa Flavia.....	b	KTS	Vesta.....
KRUO	Wakulla.....	b	KTT	Paraguay.....
KRUU	Socony 88.....	b	KTU	Sun.....
KRV	Governor Dingley.....	b	KTUA	Lake Ledan.....
KRW	Sierra.....	b	KTUE	Lake Bledsoe.....
KRX	Chichagof, Alaska.....	c	KTUI	Samos.....
KRY	Camp 63, Calif.....	b	KTUO	Sagadahoc.....
KRZ	Sudbury.....	b	KTUU	Lake Pachuta.....
KSA	Standard II.....	b	KTV	Dulcino.....
KSAA	Socony 89.....	b	KTX	Socony.....
KSAO	Lake Conesus.....	b	KTY	W. C. Teagle.....
KSB	J. E. O'Neil.....	b	KTZ	Brindilla.....
KSBV	General call for all U. S. Shipping Board vessels.....	b	KUA	Gulflight.....
KSC	Katalla, Alaska.....	c	KUB	Gulfmaid.....
			KUBB	Cold Harbor.....

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

Call signal.	Station.	Call signal.	Station.		
KUBD	Claremont.....	b	KUI	Munamar.....	b
KUBF	San Diego.....	b	KUJ	Mundale.....	b
KUBG	Betterton.....	b	KUJB	The Angeles.....	b
KUBJ	Liberty Minquas.....	b	KUJC	Bayport.....	b
KUBK	Bearport.....	b	KUJF	Kerhonkson.....	b
KUBL	Pawlet.....	b	KUJK	Havalah.....	b
KUBM	St. Anthony.....	b	KUJP	Hutchinson.....	b
KUBN	Robin Goodfellow.....	b	KUJQ	Ethan Allen.....	b
KUBP	City of Alma.....	b	KUJR	City of Joliet.....	b
KUBQ	Mazatlan.....	b	KUJS	Winston-Salem.....	b
KUBR	Lake Elva.....	b	KUJT	Eastern Belle.....	b
KUBS	Indiana Harbor.....	b	KUJV	Eastern Crag.....	b
KUBT	Lake Fedora.....	b	KUJX	Liberty Bell.....	b
KUBV	Higo.....	b	KUJZ	Quabbin.....	b
KUBX	Koggiung (moored vessel)	c	KUK	Munsono.....	b
KUC	Gulf of Mexico.....	b	KUKC	Schuykill Bridge.....	b
KUCB	New England.....	b	KUKD	East Chicago.....	b
KUCD	Plow City.....	b	KUKF	Fort Armstrong.....	b
KUCD	Riverside Bridge.....	b	KUKG	Anthracite Bridge.....	b
KUCF	Virginia Bridge.....	b	KUKJ	West Jappa.....	b
KUCG	Des Moines Bridge.....	b	KUKK	Noddle Island.....	b
KUCJ	Holyoke Bridge.....	b	KUKL	Pittsburgh Bridge.....	b
KUCK	Wauwatosa.....	b	KUKM	Tancarville.....	b
KUCM	Lake Ikatán.....	b	KUKP	Mohinkis.....	b
KUCN	Eastern Guide.....	b	KUKR	Latham.....	b
KUCP	Chisik Island, Alaska.....	c	KUKS	Robert Luckenbach.....	b
KUCQ	W. F. Burdell.....	b	KUKT	Conejos.....	b
KUCR	Lake Giddings.....	b	KUKV	West Hixton.....	b
KUCS	City of Sherman.....	b	KUKX	Collingsworth.....	b
KUCV	City of Flint.....	b	KUL	Louisiana.....	b
KUCX	Coldwater.....	b	KULB	Carolinas.....	b
KUCZ	Bridgetown.....	b	KULC	Chickamauga.....	b
KUD	Gulfland.....	b	KULD	Lake Geysler.....	b
KUDC	Tuscan.....	b	KULF	Fishkill.....	b
KUDD	Argon.....	b	KULG	Darien.....	b
KUDG	West Jester.....	b	KULJ	Eastern Pilot.....	b
KUDK	West Cadron.....	b	KULK	Horace Luckenbach.....	b
KUDL	Willsolo.....	b	KULL	Donald McKay.....	b
KUDM	Lake Elwin.....	b	KULM	Ario.....	b
KUDN	American Press.....	b	KULN	Arizona.....	b
KUDP	Clontarf.....	b	KULP	Toopl.....	b
KUDQ	West Himrod.....	b	KULS	Outagamie.....	b
KUDR	Davenport.....	b	KULT	Commack.....	b
KUDS	Rushville.....	b	KULV	San Juan.....	b
KUDT	Pilot Point Alaska.....	c	KULX	Otho.....	b
KUDV	Becharof, Alaska.....	c	KULZ	Lyndonia.....	b
KUDX	Eastern Moon.....	b	KUM	Texas.....	b
KUDZ	Eastern Gale.....	b	KUMB	Lake Ganado.....	b
UE	Gulfcoast.....	b	KUMC	Utacarbon.....	b
UF	Mundalta.....	b	KUMF	Dunsyre.....	b
UFB	Eastern Knight.....	b	KUMG	Homer.....	b
UFC	Lake Floravista.....	b	KUMK	Freeport Sulphur No. 5.....	b
UFD	Lake Florian.....	b	KUML	Oklahoma City.....	b
UFF	Lake Floris.....	b	KUMM	West Calera.....	b
UFG	Southseas.....	b	KUMN	W. E. Hutton.....	b
UFJ	West Nilus.....	b	KUMS	Atlantic Sun.....	b
UFK	Haiti.....	b	KUMT	Solitaire.....	b
UFN	Steel Voyager.....	b	KUMV	Lake Glaucus.....	b
UFP	Bethlehem Shipbuilding Corporation.....	b	KUMX	Lake Flag.....	b
UFR	West Campgaw.....	b	KUN	Neptune.....	b
UFZ	Ossa.....	b	KUNB	Lake Harminia.....	b
UG	Munplace.....	b	KUNC	Lake Gunni.....	b
UGB	Eastern Mariner.....	b	KUND	Eastern Glade.....	b
UGC	Boobyalla.....	b	KUNF	George Allen.....	b
UGD	Clearwater.....	b	KUNG	Union Liberty.....	b
UGG	Clemence C. Morse.....	b	KUNJ	Evergreen City.....	b
UGK	Sioux City.....	b	KUNK	Neshobee.....	b
UGM	Ripon.....	b	KUNL	Oronoke.....	b
UGN	Lake Haresti.....	b	KUNM	Wheeling Mold.....	b
UGP	Seminole.....	b	KUNN	Jennie R. Morse.....	b
UGQ	Star of Holland.....	b	KUNP	Freeport Sulphur No. 6.....	b
UGR	Summerleaf.....	b	KUNQ	Eastern Crown.....	b
UGS	Blue Triangle.....	b	KUNR	Eastern Victor.....	b
UGT	Jomar.....	b	KUNS	City of Vernon.....	b
UGV	Willhilo.....	b	KUNV	Winona.....	b
UGX	Ellenor.....	b	KUNZ	Chickasaw City.....	b
UGZ	Lillian.....	b	KUO	San Francisco, Calif.....	c
UH	Munwood.....	b	KUP	Pennsylvania.....	b

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

Call signal.	Station.	Call signal.	Station.		
KUPB	Sucarseco.....	b	KUU	Brabant.....	b
KUPD	Eastern Planet.....	b	KUV	Virginia.....	b
KUPF	Hahatonka.....	b	KUVB	Eastern Glen.....	b
KUPG	Greenland.....	b	KUVC	City of Weatherford.....	b
KUPI	West Cahokia.....	b	KUVD	Sidney M. Hauptman.....	b
KUPK	Darden.....	b	KUVF	Sebonac.....	b
KUPL	Conness Peak.....	b	KUVG	Eastern Tempest.....	b
KUPM	Patrick Henry.....	b	KUVK	Steel Mariner.....	b
KUPN	Capillo.....	b	KUVL	Steel Trader.....	b
KUPP	Cubore.....	b	KUVP	Hastnal.....	b
KUPS	Naugus.....	b	KUVQ	Johnswood, Mich.....	b
KUPT	Waterbury.....	b	KUVR	Jordan, Mont.....	c
KUPV	Kehuku.....	b	KUVS	New York, N. Y.....	c
KUPX	Hawarden.....	b	KUVT	Joles.....	b
KUQ	Maine.....	b	KUVV	Cardonia.....	b
KUQD	Crudoil.....	b	KUVX	Half Moon.....	b
KUQG	Padnsay.....	b	KUVZ	West Norranus.....	b
KUQJ	West Nlvaria.....	b	KUW	New York.....	b
KUQK	West Keats.....	b	KUX	Munalbro.....	b
KUQL	Martinique.....	b	KUXB	West Holbrook.....	b
KUQM	Las Vegas.....	b	KUXC	San Pasqual.....	b
KUQN	J. F. Penrose.....	b	KUXD	Cuyamaca.....	b
KUQP	Unicol.....	b	KUXF	Loretta.....	b
KUQQ	Conehatta.....	b	KUXM	Cheboygan, Mich.....	c
KUQR	Everett.....	b	KUXN	Miles City, Mont.....	c
KUQS	Margaret.....	b	KUXR	John Jay.....	b
KUQT	Eastern Dawn.....	b	KUXT	Long Beach, Calif.....	c
KUQX	Juigny.....	b	KUXV	Pedroctas, Calif.....	c
KUQZ	Monfaucon.....	b	KUXZ	Honnedaga.....	b
KUR	Georgia.....	b	KUZ	Coastwise.....	b
KURB	Hinckley.....	b	KUZB	Cristina.....	b
KURC	Cathwood.....	b	KUZC	Hahira.....	b
KURD	Arcturus.....	b	KUZD	Jim Sid.....	b
KURF	Chappaque.....	b	KUZF	Subolco.....	b
KURG	Artigas.....	b	KUZG	Sutransco.....	b
KURJ	J. L. Reiss.....	b	KUZJ	Suelco.....	b
KYRL	John R. Gibbins.....	b	KUZK	Suportco.....	b
KURM	Eastern Admiral.....	b	KUZL	Anahnac.....	b
KURN	Manatee.....	b	KUZM	Quillwark.....	b
KURP	Salaam.....	b	KUZN	Pansa.....	b
KURR	Henry Steers.....	b	KUZP	Hayden.....	b
KURS	Pilgrim.....	b	KUZQ	Salina.....	b
KURT	Brookline.....	b	KUZR	Capulin.....	b
KURV	Ohonkara.....	b	KUZS	Ensley City.....	b
KURX	Eastern Coast.....	b	KUZT	Peter Kerr.....	b
KURZ	Suboatco.....	b	KUZV	Dungannon.....	b
KUSB	Suedco.....	b	KUZX	Carib.....	b
KUSC	Sunelseco.....	b	KUZZ	Cayo Mambi.....	b
KUSF	Capital of Nebraska.....	b	KVA	Apache.....	b
KUSG	West Nomentum.....	b	KVAA	Lake Osweya.....	b
KUSJ	Occidental.....	b	KVAE	Lake Benbow.....	b
KUSK	City of Reno.....	b	KVAI	Socony 82.....	b
KUSL	General call for all vessels of United States lines.....	b	KVAO	Socony 83.....	b
KUSM	John F. Hylan.....	b	KVB	Arapahoe.....	b
KUSN	Aquarius.....	b	KVC	Comanche.....	b
KUSP	Crown City.....	b	KVD	Munrio.....	b
KUSQ	James B. Duke.....	b	KVE	Mundies.....	b
KUSR	Nemaha.....	b	KVEI	West Galoc.....	b
KUSS	Pioneer.....	b	KVG	Iroquois.....	b
KUST	West Camak.....	b	KVH	Chestnut Hill.....	b
KUSX	Baccarat.....	b	KVI	Huron.....	b
KUSZ	Adria.....	b	KVII	Unga, Alaska.....	c
KUT	Pan-American.....	b	KVIO	Montclair.....	b
KUTB	Haxtum.....	b	KVIU	Lake Pearl.....	b
KUTC	West Mahwah.....	b	KVJ	Allentown.....	b
KUTD	Anna E. Morse.....	b	KVK	Walter D. Munson.....	b
KUTF	Eastern Maid.....	b	KVL	Tampa.....	b
KUTG	Delrosa.....	b	KVM	Lenape.....	b
KUTJ	Pallas.....	b	KVN	Mohawk.....	b
KUTK	City of Lordsburg.....	b	KVO	Tanamo.....	b
KUTM	John P. Reiss.....	b	KVOE	Sagua.....	b
KUTP	Canco.....	b	KVOI	Lake Garza.....	b
KUTQ	Iroquois.....	b	KVOO	Lake Gaspar.....	b
KUTR	Springfield.....	b	KVOU	Lake Yelverton.....	b
KUTS	Vacuum.....	b	KVP	Lake Gakona.....	b
KUTT	Birmingham City.....	b	KVR	Camp 62, Calif.....	c
KUTV	Lake Furnas.....	b	KVS	Elinor.....	b
KUTX	Richconal.....	b	KVT	Gulf Queen.....	c
KUTZ	Rochester.....	b	KVU	Los Angeles, Calif.....	c
				San Diego, Calif.....	c

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

Call signal	Station.	Call signal.	Station.
KVUA	Lake Ormoc.....b	KYC	Corsair.....b
KVUE	Lake Akkra.....b	KYD	Mount Baker.....b
KVUO	Lake Gedney.....b	KYE	Casiana.....b
KVUU	Lake Hewes.....b	KYG	Laguna Bell Camp, Calif.....c
KVV	Koggiung, Alaska.....c	KYH	Aloha.....b
KVW	Seattle, Wash.....c	KYK	Karluk, Alaska.....c
KVX	Allagush.....b	KYL	Altak, Alaska.....c
KVY	William Isom.....b	KYM	Armenia.....c
KVZ	Relay.....b	KYO	Noma.....b
KWA	Mt. Vernon Bridge.....b	KYP	Onaida.....b
KWB	Fort Pitt Bridge.....b	KYR	Dauntless.....b
KWC	Morro Castle.....b	KYS	Yosemite.....b
KWD	Antilla.....b	KYT	Delecto.....b
KWE	Santiago.....b	KYU	Mohawk.....b
KWF	Cauto.....b	KYV	Ascutney.....b
KWH	Los Angeles, Calif.....c	KYZ	Thorobred.....b
KWI	Camaguey.....b	KZA	Alberta.....b
KWJ	Yucca.....b	KZAA	Middlebury.....b
KWK	W. B. Keene.....b	KZAB	Basco, P. I.....b
KWM	Panuco.....b	KZAC	Calapan, P. I.....c
KWN	Guantanamo.....b	KZAE	Lake Linden.....b
KWO	Port Beauclaire, Alaska.....c	KZAI	Lake Winthrop.....b
KWP	Sunoll.....b	KZAO	Lake Wilson.....b
KWQ	Saltchuck, Alaska.....c	KZAU	Lake Yahara.....b
KWR	Port Moller, Alaska.....c	KZB	Alicia.....b
KWS	Lost Harbor, Alaska.....c	KZD	Cornelia.....b
KWT	Palo Alto, Calif.....b	KZE	Aberdeen, Wash.....c
KWU	Katrina Luckenbach.....c	FZEA	Keketticut.....b
KWV	Sacramento.....b	KZEE	Lake Berdan.....b
KWW	Radioville, Alaska.....c	KZEI	Lake Dymcr.....b
KWX	Mexico.....b	KZEO	Lake Dancy.....b
KWY	Monterey.....b	KZEU	Lake Agomak.....b
KWZ	Esperanza.....b	KZF	Edith.....b
KXA	Boston.....b	KZG	Carolyn.....b
KXAA	Lake Alvada.....b	KZH	Helen.....b
KXAE	Lake Delancey.....b	KZIA	Lake Aurice.....b
KXAI	Lake Galera.....b	KZIE	Lake Winoski.....b
KXAO	Lake Otsequago.....b	KZII	Lake Belnona.....b
KXAU	Lake Harris.....b	KZIO	Lake Liliusun.....b
KXB	City of Lowell.....b	KZIU	Sagaporack.....b
KXC	Commonwealth.....b	KZJ	Jean.....b
KXE	Mohawk.....b	KZK	Hilton.....b
KXEA	Lake Pleasant.....b	KZL	Halcyon.....b
KXEE	Lake Marion.....b	KZO	Margaret.....b
KXEI	Lake Sanford.....b	KZOA	Lake Medford.....b
KXEO	Lake Gardner.....b	KZOE	Lake Arline.....b
KXEU	Lakeville.....b	KZOI	Lake Helen.....b
KXF	New Hampshire.....b	KZOO	Lake Indian.....b
KXG	Archer.....b	KZOU	Lake Orange.....b
KXH	Plymouth.....b	KZP	Evelyn.....b
KXI	Priscilla.....b	KZQ	Ruth.....b
KXIE	Calaveras.....b	KZR	Remlik III.....b
KXII	Calcorock.....b	KZS	Santanta.....b
KXIO	Callspell.....b	KZT	Everett.....b
KXIU	Lake Calistoga.....b	KZU	United States.....b
KXJ	Providence.....b	KZUE	Kosciuszko.....b
KXK	Funter, Alaska.....c	KZUU	Lake Louise.....b
KXL	City of Taunton.....b	KZW	Melrose.....b
KXM	Mohegan.....b	KZX	Newton.....b
KXN	New Haven.....b	WAA	Alameda.....b
KXO	City of Brockton.....b	WAAI	Shock, Ky.....c
KXOA	Star of Lapland.....b	WAB	Saugerties.....b
KXOE	Severance.....b	WAC	Chicago.....b
KXOI	Standard.....b	WAD	Victoria.....b
KXOU	Lake Lesa.....b	WAE	Ketchikan.....b
KXP	Pequonnock.....b	WAF	Admiral Farragut.....b
KXQ	Chester W. Chapin.....b	WAG	Admiral Sebree.....b
KXR	Richard Peck.....b	WAH	E. Dorado, Kans.....c
KXT	Nebraskan.....b	WAI	Latouche.....b
KXU	Westfield.....b	WAJ	Jefferson.....b
KXUA	Lake Geneva.....b	WAK	Valdez.....b
KXUE	Eastern Queen.....b	WAL	Santa Ana.....b
KXUI	Lake Lillian.....b	WAM	Back Bay.....b
KXV	Nelson Lagoon, Alaska.....c	WAN	Northwestern.....b
KXW	Ikatan, Alaska.....c	WAO	Rajah.....b
KXX	Stephen R. Jones.....b	WAP	Lake Crescent.....b
KXY	Lewis K. Thurlow.....b	WAQ	Democracy.....b
KXZ	Felix Taussig.....b	WAR	Cordova.....b
KYA	Kanawha.....b	WAS	Chester Sun.....b
KYB	North Wind.....b	WAT	Skagway.....b

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

Call signal.	Station.	Call signal.	Station.		
WAU	Point Loma.....	b	WDI	City of Miami.....	b
WAV	Philippines.....	b	WDIA	South Pole.....	b
WAW	Admiral Watson.....	b	WDIE	Wathens.....	b
WAX	Miami, Fla.....	c	WDII	Watsonwan.....	b
WAY	Admiral Dewey.....	b	WDIO	Westmead.....	b
WAZ	Admiral Schley.....	b	WDIU	West View.....	b
WBA	Santa Clara.....	b	WDL	Lakeland.....	b
WBAI	Heffron.....	b	WDN	Ann Arbor No. 3.....	b
WBAK	Harrisburg, Pa.....	c	WDO	Ann Arbor No. 4.....	b
WBB	Santa Cecilia.....	b	WDOA	Agwidale.....	b
WBC	New York, N. Y. (see Babylon)	c	WDOE	Auburn.....	b
WBD	Santa Cruz.....	b	WDOI	Cape May.....	b
WBE	Cacique.....	b	WDOO	Federal.....	b
WBF	Boston, Mass.....	c	WDOU	Fort Wayne.....	b
WBG	Venezuela.....	b	WDF	Ann Arbor No. 5.....	b
WBH	Colombia.....	b	WDQ	Ann Arbor No. 6.....	b
WBI	Frackville, Pa.....	b	WDR	Ruth Alexander.....	b
WBIA	Chipchung.....	b	WDS	Hauto, Pa.....	c
WBJ	Santa Barbara.....	b	WDU	Puritan.....	b
WBK	Saucon.....	b	WDUA	Lake Frazee.....	b
WBM	Redondo.....	b	WDUI	Lake Freeborn.....	b
WBN	Ecuador.....	b	WDUO	Lake Freed.....	b
WBO	Santa Rosa.....	b	WDUJ	Lake Freeland.....	b
WBP	Hermosa.....	b	WDV	City of Benton Harbor.....	b
WBQ	Santa Paula.....	b	WDX	Lake Tulare.....	b
WBU	Chicago, Ill.....	c	WEA	City of Cleveland III.....	b
WBUA	Lake Gravity.....	b	WEC	City of Detroit II.....	b
WBUE	Lake Greenbrier.....	b	WED	Western States.....	b
WBUI	Lake Gretna.....	b	WEE	Eastern States.....	b
WBUD	Lake Grogan.....	b	WEE	City of Detroit III.....	b
WBUD	Lake Forney.....	b	WEG	City of St. Ignace.....	b
WBV	Cabrillo.....	b	WEH	Tulsa, Okla.....	c
WBW	Burrwood, La.....	c	WEI	E. J. Earling.....	b
WBX	Santa Ana.....	b	WEJ	Samuel Mitchell.....	b
WBY	Lima, Ohio.....	b	WEK	Minnesota.....	b
WBZ	Springfield, Mass.....	c	WEL	C. A. Smith.....	b
WCA	Flonesta.....	b	WEM	Susquehanna.....	b
WCAA	Trailce, W. Va.....	c	WEN	North American.....	b
WCB	Juniata.....	b	WEO	South American.....	b
WCC	Marion, Mass.....	c	WEP	Western King.....	b
WCD	Octorara.....	b	WER	Puget Sound.....	b
WCEE	Kuwa.....	b	WES	Point Adams.....	b
WCG	Favorite.....	b	WET	West Gatomaska.....	b
WCH	New York, N. Y.....	c	WEU	Western Star.....	b
WCI	Huron.....	b	WEX	Marquette and Bessemer No. 2.....	b
WCIA	Barnegat, N. J. (Tuckerton)	c	WEY	Ashtabula.....	b
WCIB	Bellingham.....	b	WFA	Georgia.....	b
WCIE	Eastport.....	b	WFAE	West Galeta.....	b
WCII	Invincible.....	b	WFAI	West Hobomac.....	b
WCIO	Lake Lemando.....	b	WFAO	Volunteer.....	b
WCIU	Naiwa.....	b	WFB	Alabama.....	b
WCJ	Hazelton, Pa.....	c	WFC	Indiana.....	b
WCL	Westchester.....	b	WFE	Carolina.....	b
WCO	Wyandotte.....	b	WFEA	Eastern King.....	b
WCOE	Socony 84.....	b	WFEF	Winding Gulf.....	b
WCOI	Socony 92.....	b	WFEI	West Hosokie.....	b
WCOO	Liberty.....	b	WFEU	Westport.....	b
WCOU	Lake Kytile.....	b	WFF	Matanzas.....	b
WCP	Negley, Ohio.....	c	WFF	Neवान.....	b
WCR	The Harvester.....	b	WFG	Arizona.....	b
WCS	Alpena.....	b	WFH	Avalon.....	b
WCU	Conneaut.....	b	WFIA	Western Hope.....	b
WCUA	Lake Forsby.....	b	WFII	Major Wheeler.....	b
WCUE	Lake Fossil.....	b	WFJ	Christopher Columbus.....	b
WCUD	Lake Franconia.....	b	WFK	Frankfort, Mich.....	c
WCUU	Lake Fray.....	b	WFL	Virginia Limited.....	b
WCY	Woonsocket.....	b	WFN	Lake Butler.....	b
WCA	Cape May, N. J.....	c	WFOA	Hickman.....	b
WCB	Illinois.....	b	WFOE	Lewis Luckenbach.....	b
WDB	Pere Marquette 19.....	b	WFOI	Manhattan Island.....	b
WDC	Pere Marquette 17.....	b	WFOO	William N. Page.....	b
WDD	Pere Marquette 18.....	b	WFOU	Phoenix Bridge.....	b
WDE	Pere Marquette 20.....	b	WFP	City of Erie.....	b
WDEI	Crawl Keys.....	b	WFO	City of Buffalo.....	b
WDEO	Steadfast.....	b	WFR	State of Ohio.....	b
WDEU	Bayamo.....	b	WFS	Seandbee.....	b
WDF	Gladiolus.....	b	WFT	Charles O. Jenkins.....	b
WDG	Otsego.....	b	WFU	F. B. Squire.....	b
WDH	Petoskey.....	b	WFTA	Lake Freezout.....	b
			WFUB	Lake Frenchton.....	b

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

Call signal.	Station.	Call signal.	Station.
WFUI	A. E. R. Schneider..... b	WJAV	Princeton, Ind..... c
WFUU	Oshkosh..... b	WJB	Lawrenceville, Ill..... c
WVU	Sir Thomas Shaughnessy..... b	WJC	Owensboro, Ky..... c
WFW	Manitou..... b	WJE	Skagit Power Site, Wash..... c
WFX	Missouri..... b	WJEI	Mary Weems..... b
WFY	Sialia..... b	WJEO	Phoenix..... b
WFZ	Coronado..... b	WJG	Porto Rico..... b
WGA	City of Seattle..... b	WJIA	West Zucker..... b
WGAA	Inglewood..... b	WJIE	Guilma..... b
WGAE	Galesburg..... b	WJII	Oskaloosa..... b
WGAJ	Morristown..... b	WJIO	Independence..... b
WGAO	Shreveport..... b	WJIU	Schenectady..... b
WGB	Ormidale..... b	WJJ	Tullahoma, Tenn..... c
WGC	W. F. White..... b	WJL	Wachusett..... b
WGD	Oregon..... b	WJM	J. C. Donnell..... b
WGE	Admiral Rogers..... b	WJN	Munaires..... b
WGEA	Easterner..... b	WJO	Commercial Guide..... b
WGEI	East Indian..... b	WJOA	West Elcasco..... b
WGG	Tuckerton, N. J..... c	WJOE	West Eldara..... b
WGIA	West Grama..... b	WJOI	West Loquassuck..... b
WGIE	Nantabala..... b	WJOO	West Madaket..... b
WGI	Northland..... b	WJOU	West Kyska..... b
WGK	Curacao..... b	WJP	Stuyvesant..... b
WGN	Carl D. Bradley..... b	WJQ	Jackson, Ohio..... c
WGOE	Polar Bear..... b	WJR	W. M. Tupper..... b
WGOI	Saccarappa..... b	WJS	Amphion..... b
WGOO	Waubesa..... b	WJU	Commercial Pathfinder..... b
WGOU	West Cressy..... b	WJUI	Cohasset..... b
WGP	Dorothy Alexander..... b	WJUO	Magunkook..... b
WGG	City of Puebla..... b	WJV	Guaro..... b
WGS	Admiral Fiske..... b	WJW	Wyandotte..... b
WGT	Western Pride..... b	WJZ	Newark, N. J..... c
WGUA	Oskawa..... b	WKA	Alaskan..... b
WGUI	Brandywine..... b	WKA E	Socony 85..... b
WGW	Vieques, P. R..... c	WKA I	Lake Zaliski..... b
WGX	Queen..... b	WKA O	Lake Pickaway..... b
WGZ	Guardian..... b	WKAP	Cranston, R. I..... c
WHA	Madison, Wis..... c	WKAU	Lake Copley..... b
WHC	Columbia..... b	WKB	Arizona..... b
WHE	Philadelphia, Pa..... c	WKD	Dakotan..... b
WHF	Callao..... b	WKE	Kentuckian..... b
WHG	W. F. Burrows..... b	WKEA	Lake Deval..... b
WHH	Mount Shasta..... b	WKEE	Lake Cahoon..... b
WHI	New York, N. Y..... c	WKEI	Lake Ypsilanti..... b
WHJ	Gdansk..... b	WKEO	Goodspeed..... b
WHL	Ventura..... b	WKF	American..... b
WHM	Sonoma..... b	WKG	S. M. Spalding..... b
WHP	Point Arena..... b	WKH	Guntersville, Ala..... c
WHR	Abner Coburn..... b	WKII	Eastern Light..... b
WHS	W. R. Chamberlain, jr..... b	WKIO	Eastern Shore..... b
WHT	Rogers, Mich..... c	WKIU	Eastern Cross..... b
WHV	Velero II..... b	WKJ	Iowan..... b
WHY	Martinsville, Ill..... c	WKK	Ceiba, P. R..... c
WHZ	Johanna Smith..... b	WKL	Mexican..... b
WIA	Silver Shell..... b	WKM	Minnesotan..... b
WIB	Gold Shell..... b	WKO	Oregonian..... b
WIC	Pearl Shell..... b	WKO O	Connerville..... b
WID	Charles E. Harwood..... b	WKP	Pennsylvanian..... b
WIE	Edward L. Doheny..... b	WKQ	Ohioan..... b
WIF	Herbert G. Wylie..... b	WKR	Panamanian..... b
WIG	Norman Bridge..... b	WKS	West Arrow..... b
WIH	C. A. Canfield..... b	WKT	Texan..... b
WII	(New Brunswick, N. J. (transmitting). Belmar, N. J. (receiving)..... c	WKU	Hawaiian..... b
WIJ	Edward L. Doheny, Junior..... b	WKUI	Western Belle..... b
WIM	Chatham, Mass..... c	WKU U	West Zeda..... b
WIN	Colusa..... b	WKV	Virginian..... b
WIO	Fort Morgan, Ala..... c	WKW	Absaroka..... b
WIQ	Frederic R. Kellogg..... b	WKX	Westward Ho..... b
WIS	E. R. Sterling..... b	WKZ	Canoga..... b
WIT	George G. Henry..... b	WLA	Benj. F. Packard..... b
WIU	Restorer..... b	WLAA	Sarcoxie..... b
WIV	Oscar D. Bennett..... b	WLAC	Raleigh, N. C..... c
WIW	J. M. Danziger..... b	WLAE	Barlow..... b
WIX	Harold Walker..... b	WLAI	Lake Grandon..... b
WIY	William Green..... b	WLAU	Lake Fluvanna..... b
WJA	Andalusia..... b	WLC	New London, Conn..... c
WJAA	Sangamon..... b	WLD	Ludington, Mich..... c
WJAI	Yuma..... b	WLE	Maitland No. 1..... b
WJAO	M. J. Scanlon..... b	WLEA	Lake Farge..... b
		WLEE	Lake Faristell..... b

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

Call signal.	Station.	Call signal.	Station.		
WLEI	Lake Forkville.....	b	WNIO	Python.....	b
WLEO	Lake Cathoon.....	b	WNIU	Cornucopia.....	b
WLEU	Lake Fugard.....	b	WNK	Richard J. Reiss.....	b
WLF	Coosa.....	b	WNL	Lake St. Clair.....	b
WLG	Yucatan.....	b	WNN	Florence Luckenbach.....	b
WLH	Fort Bragg.....	b	WNP	Mobile, Ala.....	c
WLI	Westbrook.....	b	WNN	Bowdoin.....	b
WLIA	Santa Teresa.....	b	WNQ	Frederic Ewing.....	b
WLII	Goreau.....	b	WNR	Rush.....	b
WLIO	Nantasket.....	b	WNS	Kvichak.....	b
WLJ	Monticello.....	b	WNU	New Orleans, La.....	c
WLL	Greenwood.....	b	WNUO	Brookdale.....	b
WLM	Stanley Dollar.....	b	WNV	Hatteras.....	b
WLN	Black Arrow.....	b	WNW	San Ramon.....	b
WLO	Orion.....	b	WNX	Peter Reiss.....	b
WLOO	Cadaretta.....	b	WNY	Brooklyn, N. Y.....	c
WLP	Minneapolis, Minn.....	c	WNZ	F. J. Luckenbach.....	b
WLQ	Sabine Sun.....	b	WOA	Admiral Rodman.....	b
WLR	Floridian.....	b	WOC	Davenport, Iowa.....	c
WLS	President Arthur.....	b	WOD	Beaumont, Tex.....	c
WLT	Neuse.....	b	WOF	Horace X. Baxter.....	b
WLUI	Alamosa.....	b	WOG	Fred Baxter.....	b
WLUC	Alcona.....	b	WOJ	Iris.....	b
WLUD	Ingold.....	b	WOL	Los Angeles.....	b
WLY	Paul Luckenbach.....	b	WOM	William A. McKenney.....	b
WLZ	Montpelier.....	b	WON	La Brea.....	b
WMA	Multonomah.....	b	WOP	Lake Elizabeth.....	b
WMAA	Lake Furley.....	b	WOT	Coalinga.....	b
WMAE	H. W. Baxter.....	b	WOV	Venetia.....	b
WMAI	Makena.....	b	WOW	Henry J. Biddle.....	b
WMAO	Makaweli.....	b	WOX	Levi G. Burgess.....	b
WMD	West Shore.....	b	WOY	Queen II.....	b
WMEA	Charles L. O'Connor.....	b	WPAA	Sag Harbor.....	b
WMEB	Michael Tracy.....	b	WPBI	Yomachichi.....	b
WMEI	Cotopaxi.....	b	WPBO	Wilcox.....	b
WMEC	F. A. Warner.....	b	WPC	Tyee.....	b
WMEU	Cottonwood.....	b	WPD	Tampa, Fla.....	c
WMF	Cello.....	b	WPF	Camp Eustis, Va., Flagship Div. 1.....	c
WMG	Wapama.....	b	WPH	S. M. Fischer.....	b
WMI	Minnesota.....	b	WPIE	Corrales.....	b
WMIO	W. H. McGean.....	b	WPII	Corsicana.....	b
WMIU	Charles L. Hutchinson.....	b	WPIO	Lake Fostoria.....	b
WMJ	Ernest H. Meyer.....	b	WPIU	Lako Fouche.....	b
WMK	Hyades.....	b	WPK	Willapa.....	b
WML	Lurline.....	b	WPL	St. Croix Falls, Wis.....	c
WMM	Freeman.....	b	WPN	Pioneer.....	b
WMN	Enterprise.....	b	WPOO	Washtenaw.....	b
WMO	Wilhelmina.....	b	WPOU	Charles M. Everest.....	b
WMOA	Tillamook.....	b	WPR	Zapora.....	b
WMP	Matsonia.....	b	WPS	Ensenada, P. R.....	c
WMR	Manoa.....	b	WPS	Starr.....	b
WMS	Maul.....	b	WPUE	Caddopeak.....	b
WMT	Point Bonita.....	b	WPU1	Callabassas.....	b
WMUA	Wheaton.....	b	WPUO	Cascade.....	b
WMUE	Cokato.....	b	WPX	Coaxet.....	b
WMUI	Charlot.....	b	WPY	Oneonta.....	b
WMUO	Panola.....	b	WQD	Wallula.....	b
WMV	Kernit.....	b	WQE	Hisko.....	b
WMW	Manitowoc, Wis.....	c	WQE	Harvey H. Brown.....	b
WMY	A. M. Byers.....	c	WQEA	Lithopolis.....	b
WMZ	Commercial Trader.....	b	WQEE	Everglades.....	b
WNA	Springfield, Ohio.....	c	WQEO	West Zula.....	b
WNAA	Craincreek.....	b	WQEU	Canibas.....	b
WNAE	Cranenest.....	b	WQF	Harry W. Croft.....	b
WNAI	Craycroft.....	b	WQG	Fayette Brown.....	b
WNAO	Lake Callicoon.....	b	WQH	M. A. Bradley.....	b
WNAU	Lake Fresco.....	b	WQI	Costa Rica.....	b
WNB	El Capitan.....	b	WQII	Holbrook.....	b
WNC	Wabash.....	b	WQIO	Neponset.....	b
WND	Windber.....	b	WQJ	Sarah Weems.....	b
WNE	Nushagak.....	b	WQK	St. James, N. Y.....	c
WNEA	Lake Charlottesville.....	b	WQL	Coram Hill, N. Y.....	c
WNEO	Dio.....	b	WQOA	Esther Weems.....	b
WNG	Otto M. Reiss.....	b	WQOE	Garfield.....	b
WNH	Clemens A. Reiss.....	b	WQQ	Rappahannock.....	b
WNI	William A. Reiss.....	b	WQR	Nansemond.....	b
WNIE	Agawam.....	b	WQS	Artemis.....	b
WNII	Challenger.....	b	WQT	Watauga.....	b
			WQU	Cuba.....	b

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

Call signal.	Station.	Call signal.	Station.		
WQUA	Cokesit.....	b	WTEU	Coperas.....	b
WQUO	Iconium.....	b	WTF	Westwood.....	b
WQUU	Jacona.....	b	WTH	Westlake.....	b
WQW	Jeannette Skinner.....	b	WTHI	Soony 90.....	b
WQZ	West Eagle.....	b	WTIO	Soony 94.....	b
WRA	O. A. Hermanson.....	b	WTIU	Deerfield.....	b
WRAE	Alabama.....	b	WTJ	Sutherland.....	b
WRAI	Allegheny.....	b	WTM	W. S. Porter.....	b
WRD	D. G. Scofield.....	b	WTN	Wm. F. Herrin.....	b
WRE	J. A. Moffett.....	b	WTO	Frank H. Buck.....	b
WREA	West Lashaway.....	b	WTOO	Toiler.....	b
WREE	Wauconda.....	b	WTOU	Coulee.....	b
WREI	Quistconck.....	b	WTQ	El Segundo.....	b
WREO	Zirkel.....	b	WTR	Richmond.....	b
WREU	Governor John Lind.....	b	WTS	Col. E. L. Drake.....	b
WRF	Amelia.....	b	WTT	Atlas.....	b
WRG	Annetta.....	b	WTUE	Laurel.....	b
WRH	Harvard.....	b	WTUI	Calvert.....	b
WRI	Paraiso.....	b	WTUO	Houma.....	b
WRIE	Lake Gorin.....	b	WTUU	West Mahomet.....	b
WRIO	Star 1.....	b	WTV	Captain A. F. Lucas.....	b
WRJ	Admiral Goodrich.....	b	WTW	Ossineke.....	b
WRN	Siboney.....	b	WTY	S. O. Co. No. 93.....	b
WRO	Middlesex.....	b	WTZ	S. O. Co. No. 95.....	b
WROA	Westpool.....	b	WVAA	Coquina.....	b
WROE	Indianapolis.....	b	WVAE	Corapeak.....	b
WROI	Lydia.....	b	WVAI	Nancy Weems.....	b
WROO	E. L. Doheny, third.....	b	WVAO	Conotton.....	b
WRQ	Marion, Mass. (Matapoissett).....	c	WVAU	Contoocook.....	b
WRS	Suffolk.....	b	WVEI	Basco.....	b
WRT	New Brunswick, N. J. (Bound Brook).....	c	WVEU	Isanti.....	b
WRUO	Quittacas.....	b	WVIA	Lake Gormanla.....	b
WRV	Alliance.....	b	WVIU	Lake Govan.....	b
WRX	Ozama.....	b	WVOE	Elecedro.....	b
WRY	Yale.....	b	WVOI	Munmotor.....	b
WRZ	Rainier.....	b	WVOO	John Tracy.....	b
WSA	East Hampton, N. Y.....	c	WVOU	Anthony O'Boyle.....	b
WSD	Redwood.....	b	WVUA	Courageous.....	b
WSE	East Moriches, N. Y.....	c	WVA	China.....	b
WSEA	Defiance.....	b	WVAA	General call for all Radio Corporation of America vessels.....	b
WSEE	W. L. Steed.....	b	WVC	Western Wave.....	b
WSEI	Cricket.....	b	WVE	Manchuria.....	b
WSEO	Lake Fondulac.....	b	WVH	Newport.....	b
WSEU	Lake Buckeye.....	b	WVJ	Detroit, Mich.....	c
WSF	Agnes Dollar.....	b	WVK	Western Queen.....	b
WSG	Norwood.....	b	WVM	San Juan.....	b
WSI	Santa Iner.....	b	WVN	Mongolia.....	b
WSJ	Edna Christenson.....	b	WVP	Ausable.....	b
WSM	Fair Oaks.....	b	WWR	Rose City.....	b
WSN	Levliathan.....	b	WXAA	Ozaukee.....	b
WSO	Marion, Mass. (transmitting).....	c	WXEA	Western Scout.....	b
	Chatham, Mass. (receiving).....	c	WXEI	Western Comet.....	b
WSOI	West Sequana.....	b	WXEO	West Cape.....	b
WSOO	Crathorne.....	b	WXEU	Yukon.....	b
WSP	Westhampton.....	b	WXIA	Victorious.....	b
WSQ	Vizcaya.....	b	WXOA	Brookings.....	b
WSR	Reuce.....	b	WXOE	W. J. Crosby.....	b
WSS	St. Nicholas.....	b	WXOI	Penobscoot.....	b
WST	New London, Conn.....	c	WXOO	Craigsmere.....	b
WSU	Republic.....	b	WXUI	Hampden.....	b
WSUA	West Helix.....	b	WXUO	Monmouth.....	b
WSUE	West Wauna.....	b	WZAA	L. J. Drake.....	b
WSUI	West Waunakee.....	b	WZAE	West Humhaw.....	b
WSUU	Lake Gradan.....	b	WZAU	E. C. Pope.....	b
WSUV	Willamette.....	b	WZEA	Saxon.....	b
WSZ	Bremerton.....	b	WZEE	Maruba.....	b
WTAA	Lake Beacon.....	b	WZEU	North Pines.....	b
WTAE	Lake Desha.....	b	WZIU	Western Plains.....	b
WTAI	Lake Mattato.....	b	WZOA	West Africa.....	b
WTAO	Lake Licoco.....	b	WZOE	Lake Gratis.....	b
WTC	Lansing.....	b	WZOI	Lake Grattan.....	b
WTD	Oleum.....	b	WZOO	Lake Gravella.....	b
WTE	Tamesi.....	b	WZOU	Lake Gravett.....	b
WTEE	Cedar Spring.....	b	WZUA	Norfolk.....	b
WTEI	Ceralvo.....	b	WZUE	Newburgh.....	b
WTEO	Cerosco.....	b			

BROADCASTING STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

Station.	Call signal.	Station.	Call signal.
Aberdeen, Wash.	KNT	Canton, Ohio.	WWB
Abilene, Tex.	WQAQ	Cape Girardeau, Mo.	WSAB
Agricultural College, N. Dak.	WPAK	Carthage, Ill.	WCAZ
Akron, Ohio.	WOE	Casper, Wyo.	KDFD
Albany, N. Y.	WNJ	Cazenovia, N. Y.	WMAC
Alexandria, La.	KFFY	Cedar Rapids, Iowa.	WJAM
Allentown, Pa.	WCBA	Cedar Rapids, Iowa.	WKAA
Allentown, Pa.	WSAN	Centerville, Iowa.	WDAX
Altadena, Calif.	KGO	Charleston, S. C.	WNAQ
Altoona, Pa.	WGAW	Charleston, S. C.	WOAH
Amarillo, Tex.	WDAG	Charleston, S. C.	WPAZ
Amarillo, Tex.	WQAC	Charlotte, N. C.	WBT
Amarillo, Tex.	WRAU	Cheney, Kans.	KFGP
Ames, Iowa.	WOI	Chicago, Ill.	KYW
Amsterdam, N. Y.	WPAS	Chicago, Ill.	WAAF
Anderson, Ind.	WABC	Chicago, Ill.	WBU
Ann Arbor, Mich.	WQAJ	Chicago, Ill.	WDAP
Anthony, Kans.	WBL	Chicago, Ill.	WJAZ
Ardmore, Okla.	WOAA	Chicago, Ill.	WLAG
Arlington, Oreg.	KFGL	Chicago, Ill.	WMAQ
Asheville, N. C.	WFJ	Chicago, Ill.	WPAD
Atlanta, Ga.	WGM	Chicago, Ill.	WSAH
Atlanta, Ga.	WSB	Chickasha, Okla.	KFGD
Atlantic City, N. J.	WHAR	Cincinnati, Ohio.	WAAD
Atwood, Kans.	WEAD	Cincinnati, Ohio.	WHAG
Auburn, Ala.	WMAV	Cincinnati, Ohio.	WIZ
Austin, Tex.	WCM	Cincinnati, Ohio.	WLW
Austin, Tex.	WNAS	Cincinnati, Ohio.	WMH
Baker, Oreg.	KFDA	Cincinnati, Ohio.	WSAI
Bakersfield, Calif.	KDZB	Clarksburg, W. Va.	WHAK
Baltimore, Md.	WCAO	Clearfield, Pa.	WPI
Baltimore, Md.	WEAR	Clemson College, S. C.	WSAC
Baltimore, Md.	WKC	Cleveland, Ohio.	KDPM
Baltimore, Md.	WNAY	Cleveland, Ohio.	WHK
Bangor, Me.	WABI	Cleveland, Ohio.	WJAX
Bangor, Me.	WPAV	College Park, Ga.	WDAJ
Baton Rouge, La.	KFGC	College Station, Tex.	WTAW
Baudette, Minn.	KFGY	Colorado Springs, Colo.	KFKC
Bay City, Mich.	WTP	Colorado Springs, Colo.	KFFQ
Beaumont, Tex.	WMAM	Columbia, Mo.	WAAN
Bellingham, Wash.	KDZR	Columbus, Ohio.	WBVA
Bellows Falls, Vt.	WLAK	Columbus, Ohio.	WCAH
Beloit, Kans.	WPAR	Columbus, Ohio.	WEAO
Beloit, Wis.	WKAW	Columbus, Ohio.	WMAN
Belvidere, Ill.	WOAG	Columbus, Ohio.	WPAL
Berkeley, Calif.	KQI	Corvallis, Oreg.	KFDJ
Berkeley, Calif.	KRE	Council Bluffs, Iowa	WPAF
Berrien Springs, Mich.	KFGZ	Cranston, R. I.	WKAP
Billings, Mont.	KFCH	Dallas, Tex. (portable).	KFFZ
Binghamton, N. Y.	WIAV	Dallas, Tex.	WDAO
Birmingham, Ala.	WSY	Dallas, Tex.	WFAA
Boise, Idaho.	KFAU	Dallas, Tex.	WRR
Boise, Idaho.	KFDD	Dartmouth, Mass.	WMAF
Boise, Idaho.	KFFB	Dartmouth, Mass.	WSAQ
Boone, Iowa.	KFGQ	Davenport, Iowa.	WHAI
Boston, Mass.	WNAC	Davenport, Iowa.	WOC
Boulder, Colo.	KFAJ	David City, Nebr.	WRAR
Bowling Green, Ky.	WNAB	Dayton, Ohio.	WABD
Bozeman, Mont.	KPFO	Dayton, Ohio.	WJAJ
Bridgeport, Conn.	WKAX	Dearborn, Mich.	WVI
Brookings, S. Dak.	KPDY	Decatur, Ill.	WBAO
Brookville, Ind.	WSAL	Decatur, Ill.	WHAP
Buffalo, N. Y.	WGR	Denver, Colo.	KDZQ
Burlington, Iowa.	WIAS	Denver, Colo.	KFAF
Burlington, Iowa.	WLAT	Denver, Colo.	KFDL
Burlington, Vt.	WCAX	Denver, Colo.	KFEL
Butler, Mo.	WNAK	Denver, Colo.	KFEP
Butte, Mont.	KFAP	Denver, Colo.	KFIC
Camden, N. J.	WRP	Denver, Colo.	KFLE
Cameron, Mo.	WFAQ	Denver, Colo.	KLZ
Canton, N. Y.	WCAD	Des Moines, Iowa.	KFPD

BROADCASTING STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Station.	Call signal.
Des Moines, Iowa	WGF	Jacksonville, Fla.	WABG
Detroit, Mich.	WCX	Jacksonville, Fla.	WDAL
Detroit, Mich.	WWJ	Jefferson City, Mo.	WOS
Detroit, Mich.	KOP	Johnstown, Pa.	WTAC
Douglas, Wyo.	KFEV	Joplin, Mo.	WHAH
Dubuque, Iowa	WQAK	Juneau, Alaska	KFIU
Duluth, Minn.	WJAP	Kalamazoo, Mich.	WLAQ
Duluth, Minn.	WMAT	Kalamazoo, Mich.	WOAP
East Lansing, Mich.	WKAR	Kansas City, Mo.	WDAF
Easton, Pa.	WMAP	Kansas City, Mo.	WHB
East Pittsburgh, Pa.	KDKA	Kansas City, Mo.	WMAJ
East Providence, R. I.	WKAD	Kansas City, Mo.	WOQ
Edgewood, R. I.	WEAG	Kearney, Nebr.	KFHP
Elgin, Ill. (near)	WTAS	Kellogg, Idaho	KFEY
El Monte, Calif.	KUY	Kenosha, Wis.	WOAR
El Paso, Tex.	WDAH	Knoxville, Tenn.	WNAV
El Paso, Tex.	WPAT	Lacey, Wash.	KGY
Emporia, Kans.	WAAZ	Laconia, N. H.	WKAV
Erie, Pa.	WOAV	La Crosse, Wis.	WABN
Eugene, Oreg.	KFAT	Lake Forest, Ill.	WABA
Evansville, Ind.	WNAM	Lakeside, Colo.	KFKH
Everett, Wash.	KFBL	Lamoni, Iowa	KFFV
Fairbanks, Alaska	WLAY	Lancaster, Pa.	WDGB
Fall River, Mass.	WSAR	Lancaster, Pa.	WGAL
Fall River, Mass.	WTAB	Lansing, Mich.	WHAL
Fargo, N. Dak.	WDAY	Laporte, Ind.	WRAF
Fayetteville, Ark.	KFDV	Laramie, Wyo.	KFBU
Flint, Mich.	WEAA	Laredo, Tex.	WWAX
Fort Dodge, Iowa	KFER	Lawrenceburg, Tenn.	WOAN
Fort Dodge, Iowa	WEAB	Le Mars, Iowa	KFCY
Fort Monroe, Va.	WNAW	Le Mars, Iowa	WIAU
Fort Smith, Ark.	WGAR	Lexington, Ky.	WQAH
Fort Worth, Tex.	WBAP	Lihue, Hawaii	KFHS
Frankfort, Ky.	WOAK	Lima, Ohio	WOAC
Fremont, Nebr.	WOAE	Lincoln, Nebr.	KFDU
Fresno, Calif.	KMJ	Lincoln, Nebr.	WFAV
Frostburg, Md.	WPAQ	Lincoln, Nebr.	WJAB
Gainesville, Ga.	WKAY	Lincoln, Nebr.	WKAC
Galveston, Tex.	WEAB	Lincoln, Nebr.	WMAH
Galveston, Tex.	WIAC	Lindsborg, Kans.	WDAD
Gladbrook, Iowa	KFIK	Little Rock, Ark.	WCAY
Gloucester City, N. J.	WRAX	Lockport, N. Y.	WMAK
Grand Forks, N. Dak.	WOAB	Long Beach, Calif.	KSS
Grand Island, Nebraska	KFJA	Los Angeles, Calif.	KDZF
Granville, Ohio	WJD	Los Angeles, Calif.	KFI
Great Falls, Mont.	KDYS	Los Angeles, Calif.	KHJ
Greeley, Colo.	KFJD	Los Angeles, Calif.	KJS
Greeley, Colo.	KFKA	Los Angeles, Calif.	KNR
Greencastle, Ind.	WLAX	Los Angeles, Calif.	KNV
Greensboro, N. C.	WQAZ	Los Angeles, Calif.	KNX
Greenville, Ohio	WCBB	Los Angeles, Calif.	KUS
Greenville, S. C.	WQAV	Los Angeles, Calif.	KWH
Gridley, Calif.	KFU	Los Gatos, Calif.	KFHQ
Grove City, Pa.	WSAJ	Louisburg, Kans.	KFIL
Gunnison, Colo.	KFHA	Louisville, Ky.	WHAS
Hamilton, Ohio	WBAU	Louisville, Ky.	WLAP
Hamilton, Ohio	WRK	Lowell, Mass.	WQAS
Harrisburg, Pa.	WABB	Macon, Ga.	WMAZ
Hartford, Conn.	WDAK	Madison, Wis.	WGAY
Hastings, Nebr.	WQAY	Madison, Wis.	WHA
Havre, Mont.	KFBB	Manhattan, Kans.	WTG
Hillsboro, Oreg.	KFFO	Marietta, Ohio	WBAW
Hollywood, Calif.	KFAR	Marietta, Ohio	WSAA
Honolulu, Hawaii	KDYX	Marion, Ind.	WIAQ
Honolulu, Hawaii	KGU	Marion, Kans.	WRAD
Honolulu, Hawaii	KYQ	Marshall, Mo.	WJAT
Hood River, Oreg.	KFHB	Marshalltown, Iowa	KFJB
Hood River, Oreg.	KQP	Mattoon, Ill.	WQAL
Houlton, Me.	WLAN	Mayville, N. Dak.	KFHU
Houston, Tex.	KFCV	McKeesport, Pa.	WIK
Houston, Tex.	WCAK	McLeansboro, Ill.	WRAS
Houston, Tex.	WEAY	Medford, Oreg.	KFAY
Houston, Tex.	WEV	Medford Hillside, Mass.	WGI
Houston, Tex.	WRAA	Memphis, Tenn.	WMC
Huntington, Ind.	WHAY	Miami, Fla.	WQAM
Hutchinson, Kans.	KFHX	Middleport, Ohio	WSAK
Hutchinson, Minn.	WFAN	Middletown, Conn.	WOAS
Independence, Mo.	KFIX	Milwaukee, Wis.	WAAK
Iola, Kans.	KFID	Milwaukee, Wis.	WCAY
Iowa City, Iowa	WHAA	Milwaukee, Wis.	WHAD
Ithaca, N. Y.	WEAI	Milwaukee, Wis.	WIAO

BROADCASTING STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Station.	Call signal.
Minneapolis, Minn.	KFDZ	Philadelphia, Pa.	WNAT
Minneapolis, Minn.	KFEX	Philadelphia, Pa.	WOO
Minneapolis, Minn.	WBAD	Philadelphia, Pa.	WWAD
Minneapolis, Minn.	WBAB	Phoenix, Ariz.	KDYW
Minneapolis, Minn.	WCAS	Phoenix, Ariz.	KFAD
Minneapolis, Minn.	WCE	Pine Bluff, Ark.	WOK
Minneapolis, Minn.	WLAG	Pittsburg, Kans.	KFIV
Minneapolis, Minn.	WLB	Pittsburg, Pa.	KQV
Mishawaka, Ind.	WOAO	Pittsburgh, Pa.	WCAB
Moberly, Mo.	KFFP	Pittsburgh, Pa.	WJAS
Mobile, Ala.	WEAP	Plainview, Tex.	WSAT
Modesto, Calif.	KXD	Platte, S. Dak.	KFLI
Monterey, Calif.	KLN	Port Arthur, Tex.	WFAH
Montgomery, Ala.	WKAN	Portland, Oreg.	KDYQ
Moorestown, N. J.	WBAF	Portland, Oreg.	KFCF
Moorehead, Minn.	WPAU	Portland, Oreg.	KFIF
Morgantown, W. Va.	WHD	Portland, Oreg.	KGG
Moscow, Idaho.	KFAN	Portland, Oreg.	KGN
Mount Vernon, Ill.	WABF	Portland, Oreg.	KGW
Muncie, Ind.	WJAF	Portsmouth, Va.	WQAQ
Neah Bay, Wash.	KFHH	Poughkeepsie, N. Y.	WFAV
Neenah, Wis.	WIAJ	Providence, R. I.	WEAN
Newark, N. J.	WAAM	Providence, R. I.	WJAR
Newark, N. J.	WBS	Providence, R. I.	WRAI
Newark, N. J.	WOR	Providence, R. I.	WSAD
Newark, Ohio.	WBBA	Providence, R. I.	WTAG
Newark, N. J.	WRAZ	Pullman, Wash.	KFAE
New Bedford, Mass.	WDAU	Raleigh, N. C.	WLAG
New Haven, Conn.	WPAJ	Rapid City, S. Dak.	WCAT
New Lebanon, Ohio.	WPG	Reading, Pa.	WBBD
New Orleans, La.	WAAB	Reading, Pa.	WBWV
New Orleans, La.	WAAC	Reedley, Calif.	KMC
New Orleans, La.	WCAG	Reno, Nev.	KDZK
New Orleans, La.	WGV	Richmond, Calif.	KFCM
New Orleans, La.	WIAF	Richmond, Va.	WQAT
New Orleans, La.	WWL	Ridgewood, N. Y.	WEN
Newton, Iowa.	WIAH	Rochester, N. Y.	WABO
New York, N. Y.	WBAY	Rochester, N. Y.	WHAM
New York, N. Y.	WEAF	Rockford, Ill.	WIAB
New York, N. Y.	WJX	Rockport, Mo.	WMAD
New York, N. Y.	WJY	Roswell, N. Mex.	KNJ
New York, N. Y.	WJZ	Sacramento, Calif.	KFBK
New York, N. Y.	WLAW	Saginaw, Mich.	WABM
New York, N. Y.	WQAO	Saginaw, Mich.	WIAW
New York, N. Y.	WSAP	St. Cloud, Minn.	WFAM
New York, N. Y.	WWZ	St. Croix Falls, Wis.	WRAL
Norfolk, Nebr.	WJAG	St. Joseph, Mo.	KFHD
Norman, Okla.	WNAD	St. Joseph, Mo.	WEAK
Northfield, Minn.	WCAL	St. Louis, Mo.	KFEZ
North Plainfield, N. J.	WEAM	St. Louis, Mo.	KFGJ
Oak, Nebr.	KFEQ	St. Louis, Mo.	KFIB
Oakland, Calif.	KLS	St. Louis, Mo.	KSD
Oakland, Calif.	KLX	St. Louis, Mo.	WCK
Oakland, Calif.	KZM	St. Louis, Mo.	WEB
Ocean City, N. J.	WIAD	St. Louis, Mo.	WEW
Ogden, Utah.	KFCP	St. Louis, Mo.	WMAY
Oklahoma City, Okla.	WMAB	St. Louis, Mo.	WRAO
Oklahoma City, Okla.	WKY	St. Paul, Minn.	WAAH
Oklmulgee, Okla.	WPAC	St. Petersburg, Fla.	WSAQ
Omaha, Nebr.	KFCZ	Salem, Oreg.	KFCD
Omaha, Nebr.	KFFX	Salt Lake City, Utah.	KDYL
Omaha, Nebr.	WAAW	Salt Lake City, Utah.	KZN
Omaha, Nebr.	WIAK	San Antonio, Calif.	KFCL
Omaha, Nebr.	WNAL	San Antonio, Tex.	WCAR
Omaha, Nebr.	WOAW	San Antonio, Tex.	WOAI
Orange, Tex.	KFGX	San Diego, Calif.	KDFT
Oskaloosa, Iowa.	KFHL	San Diego, Calif.	KDYM
Paducah, Ky.	WIAR	San Diego, Calif.	KFBC
Parkesburg, Pa.	WQAA	San Diego, Calif.	KFFA
Parsons, Kans.	WOAJ	Sandusky, Ohio.	WABH
Paterson, N. J.	WBAN	Sandusky, Ohio.	WQAF
Pendleton, Oreg.	KFFE	San Francisco, Calif.	KFDB
Pensacola, Fla.	WGAN	San Francisco, Calif.	KPO
Pensacola, Fla.	WLAV	San Francisco, Calif.	KUO
Peoria, Ill.	WJAN	San Jose, Calif.	KFAQ
Peoria, Ill.	WQAX	San Jose, Calif.	KQW
Philadelphia, Pa.	WCAU	San Jose, Calif.	KSC
Philadelphia, Pa.	WDAR	San Juan, P. R.	WKAQ
Philadelphia, Pa.	WFI	San Luis Obispo, Calif.	KFBE
Philadelphia, Pa.	WGL	Santa Ana, Calif.	KFAW
Philadelphia, Pa.	WIP	Santa Barbara, Calif.	KFHJ

BROADCASTING STATIONS, ALPHABETICALLY BY NAMES OF STATIONS—Continued.

Station.	Call signal.	Station.	Call signal.
Savannah, Ga.	WHAO	Troy, N. Y.	WHAZ
Savannah, Ga.	WRAB	Tucson, Ariz.	KFDH
Schenectady, N. Y.	WGY	Tulsa, Okla.	WLAL
Schenectady, N. Y.	WRL	Tuscola, Ill.	WDZ
Scranton, Pa.	WQAN	Tyler, Tex.	WOAP
Scranton, Pa.	WRAY	University Place, Nebr.	WCAJ
Seattle, Wash.	KDZE	Urbana, Ill.	WRM
Seattle, Wash.	KDZT	Utica, Nebr.	KFGV
Seattle, Wash.	KFHR	Utica, N. Y.	WSL
Seattle, Wash.	KHQ	Venice, Calif.	KFAV
Seattle, Wash.	KJR	Vermillion, S. Dak.	WEAJ
Seattle, Wash.	KTW	Villanova, Pa.	WCAM
Shreveport, La.	KFDX	Waco, Tex.	WJAD
Shreveport, La.	KFHF	Waco, Tex.	WLAJ
Shreveport, La.	WGAQ	Waco, Tex.	W WAC
Sigourney, Iowa	WOAD	Wahpeton, N. Dak.	WMAW
Sioux City, Iowa	WEAU	Walla Walla, Wash.	KFCF
Sioux Falls, S. Dak.	WFAT	Warren, Ohio	WLAZ
South Bend, Ind.	WABJ	Washington, D. C.	WABE
South Bend, Ind.	WGAZ	Washington, D. C.	WCAP
Sparks, Nev.	KFFR	Washington, D. C.	WDM
Spokane, Wash.	KFDC	Washington, D. C.	WEAS
Spokane, Wash.	KFIO	Washington, D. C.	WHAQ
Spokane, Wash.	KFZ	Washington, D. C.	WIAY
Springfield, Mass.	WBZ	Washington, D. C.	WIL
Springfield, Mo.	WIAI	Washington, D. C.	WJH
Springfield, Mo.	WKAS	Washington, D. C.	W M U
Springfield, Mo.	WQAB	Washington, D. C.	WQAW
Springfield, Ohio	WNAP	Washington, D. C.	WRC
Springfield, Vt.	WQAE	Washington Court House, Ohio	WGAX
Stamford, Tex.	WOAZ	Waterbury, Conn.	WQAD
Stanford University, Calif.	KFGH	Waterford, N. Y.	WFAQ
Stapleton, N. Y.	WDT	Waterloo, Iowa	WHAC
State College, N. Mex.	KOB	Waterloo, Iowa	WRAN
State College, Pa.	WPAB	Waupaca, Wis.	WPAN
Sterling, Ill.	WBBC	Webster Groves, Mo.	WOAL
Steuenville, Ohio	WTAK	Wenatchee, Wash.	KDZI
Stockdale, Ohio	WJAK	Wenatchee, Wash.	KZV
Stockton, Calif.		West Lafayette, Ind.	WBAA
Stockton, Calif.	KWG	Wichita, Kans.	KFHI
Storrs, Conn.	WABL	Wichita, Kans.	WAAP
Syracuse, N. Y.	WDAI	Wichita, Kans.	WEAH
Syracuse, N. Y.	WFAB	Wichita Falls, Tex.	WKAJ
Syracuse, N. Y.	WLAH	Wilkes-Barre, Pa.	WBAX
Syracuse, N. Y.	WNAN	Wilmington, Del.	WHAJ
Tacoma, Wash.	KFBG	Wilmington, Del.	WOAT
Tacoma, Wash.	KFEJ	Wilmington, Del.	WPAP
Tacoma, Wash.	KGB	Wilmington, Del.	WPAP
Tacoma, Wash.	KMO	Winchester, Ky.	WRAP
Tampa, Fla.	WDAE	Winter Park, Fla.	WGAU
Tarkio, Mo.	WIAT	Wooster, Ohio	WABK
Tarrytown, N. Y.	WRW	Worcester, Mass.	WCN
Tecumseh, Nebr.	WTAU	Worcester, Mass.	WDAS
Topeka, Kans.	WJAQ	Worcester, Mass.	KFIQ
Topeka, Kans.	WPAM	Yakima, Wash.	WNAJ
Trenton, N. J.	WMAL	Yankton, S. Dak.	WRAV
Trenton, N. J.	WOAX	Yellow Springs, Ohio	KFDR
Trinidad, Colo.	KFBS	York, Nebr.	WDBF
Trinidad, Colo.	KFHY	Youngstown, Ohio	WCB D
		Zion, Ill.	

STATIONS BROADCASTING MARKET OR WEATHER REPORTS, MUSIC, CONCERTS, LECTURES, ETC., ALPHABETICALLY BY CALL LETTERS.

Call signal.	Owner of station.	Location of station.	Power (watts).	Wave length.	Frequency (kilocycles).
KDKA	Westinghouse Electric & Mfg. Co.	East Pittsburgh.....	1,000	326	920
KDPM	Westinghouse Electric & Mfg. Co.	Cleveland, Ohio.....	250	270	1110
KDPT	Southern Electrical Co.	San Diego, Calif.....	50	360	833
KDYL	Telegram Publishing Co.	Salt Lake City, Utah.....	50	360	833
KDYM	Savoy Theatre.....	San Diego, Calif.....	50	252	1190
KDYQ	Portland, Oreg.....	Oregon Institute of Technology	5	360	833
KDYS	The Tribune.....	Great Falls, Mont.....	50	360	833
KDYW	Smith Hughes & Co.	Phoenix, Ariz.....	20	360	833
KDYX	Star Bulletin.....	Honolulu, Hawaii.....	100	360	833
KDZB	Frank E. Siefert.....	Bakersfield, Calif., 1402 20th St.	100	360	833
KDZE	The Rhodes Co.	Seattle, Wash.....	100	360	833
KDZF	Automobile Club of Southern California.	Los Angeles, Calif.....	500	278	1080
KDZI	Electric Supply Co.	Wenatchee, Wash.....	50	360	833
KDZK	Nevada Machinery & Electric Co.	Reno, Nev.....	25	360	833
KDZQ	Nichols Academy of Music.	Denver, Colo.....	10	360	833
KDZR	Bellingham Publishing Co.	Bellingham, Wash.....	50	261	1150
KDZT	Seattle Radio Assn.	Seattle, Wash.....	5	360	833
KFAA	McArthur Bros. Mercantile Co.	Phoenix, Ariz.....	100	360	833
KFAE	State College of Washington	Pullman, Wash.....	500	360	833
KFAF	Western Radio Corp.	Denver, Colo.....	500	360	833
KFAJ	University of Colorado.	Boulder, Colo.....	100	360	833
KFAN	The Electric Shop	Moscow, Idaho.....	50	360	833
KFAP	Standard Publishing Co.	Butte, Mont.....	100	360	833
KFAQ	City of San Jose	San Jose, Calif.....	250	360	833
KFAR	Studio Lighting Service Co. (O. K. Olsen).	Hollywood, Calif.....	200	280	1070
KFAT	Dr. S. T. Donohue.....	Eugene, Oreg., 681 Willamette St.	50	275	1090
KFAU	Independent School District of Boise City, Boise High School.	Boise, Idaho.....	150	270	1110
KFAV	Abbot Kinney Co.	Venice, Calif.....	5	258	1160
KFAW	The Radio Den (W. B. Ashford & H. T. White).	Santa Ana, Calif.....	10	360	833
KFAY	Virgin's Radio Service.....	Medford, Oreg.....	100	360	833
KFBB	F. A. Buttrely & Co.	Havre, Mont.....	50	360	833
KFBC	W. K. Azbill.....	San Diego, Calif.....	20	360	833
KFBE	Reuben H. Horn.....	San Luis Obispo, Calif.....	10	360	833
KFBG	First Presbyterian Church.....	Tacoma, Wash.....	50	360	833
KFBK	Kimball-Upson Co.	Sacramento, Calif.....	150	360	833
KFBL	Leese Bros.	Everett, Wash.....	10	224	1340
KFBS	Trinidad Gas & Electric Supply Co. and the Chronicle News.	Trinidad, Colo.....	10	360	833
KFBU	The Cathedral (Bishop N. S. Thomas).	Laramie, Wyo.....	50	360	833
KFCD	Salem Electric Co.	Salem, Oreg.....	10	360	833
KFCF	Frank A. Moore.....	Walla Walla, Wash., 707 Baker Bldg.	50	360	833
KFCG	Electric Service Station (Inc.).....	Billings, Mont.....	10	360	833
KFCJ	Colorado Springs Radio Co.	Colorado Springs, Colo.....	10	360	833
KFCL	Los Angeles Union Stock Yards	San Antonio, Calif.....	500	360	833
KFCM	Richmond Radio Shop (Frank T. Doering).	Richmond, Calif.....	100	360	833
KFCP	Ralph W. Flygare.....	Ogden, Utah, 2421 Jefferson Avenue.	25	360	833
KFCY	Fred Mahaffey, jr.....	Houston, Tex.....	50	360	833
KFCZ	Western Union College.....	Le Mars, Iowa.....	100	360	833
KFDA	Omaha Central High School	Omaha, Nebr.....	150	360	833
KFDB	Adler's Music Store.....	Baker, Oreg.....	5	360	833
KFDD	Mercantile Trust Co. of Calif.....	San Francisco, Calif.....	750	509	670
KFDE	Radio Supply Co. (E. B. Craney).	Spokane, Wash.....	10	253	1060
KFDF	St. Michaels Cathedral.....	Boise, Idaho.....	10	252	1190
KFDG	Casper Community Radio Corp.	Casper, Wyo.....	100	360	833
KFDH	University of Arizona.....	Tucson, Ariz.....	150	360	833
KFDI	Oregon Agricultural College	Corvallis, Oreg.....	50	360	833
KFDJ	Knight-Campbell Music Co.	Denver, Colo.....	5	360	833
KFDL	H. Everett Cutting.....	Bozeman, Mont., 420 West Koch Street.	50	248	1210

STATIONS BROADCASTING MARKET OR WEATHER REPORTS, MUSIC, CONCERTS, LECTURES, ETC., ALPHABETICALLY BY CALL LETTERS—Continued.

Call signal.	Owner of station.	Location of station.	Power (watts).	Wave length.	Frequency (kilocycles).
KFDP	Hawkeye Radio & Supply Co.....	Des Moines, Iowa.....	250	278	1080
KFDR	Bullock's Hardware & Sporting Goods (Robert G. Bullock).	York, Nebr.....	10	360	833
KFDU	Nebraska Radio Electric Co.....	Lincoln, Nebr.....	20	240	1250
KFDV	Gilbrech & Stinson.....	Fayetteville, Ark.....	200	360	833
KFDX	First Baptist Church.....	Shreveport, La.....	100	360	833
KFDY	South Dakota State College of Agriculture and Mechanic Arts.	Brookings, S. Dak.....	100	360	833
KFDZ	Harry O. Iverson.....	Minneapolis, Minn., 2510 Thomas Avenue, South.	5	360	833
KFEC	Meier & Frank Co.....	Portland, Ore.....	50	360	833
KFEJ	Guy Greason.....	Tacoma, Wash., 1724 South Jay Street.	10	360	833
KFEL	Winner Radio Corp.....	Denver, Colo.....	50	360	833
KFEP	Radio Equipment Co. (Joseph L. Turre).	Denver, Colo.....	10	240	1250
KFEQ	J. L. Scroggin.....	Oak, Nebr.....	150	360	833
KFER	Auto Electric Service Co.....	Fort Dodge, Iowa.....	20	231	1300
KFEV	Radio Electric Shop.....	Douglas, Wyo.....	100	263	1140
KFEX	Augsburg Seminary.....	Minneapolis, Minn.....	100	261	1150
KFEY	Bunker Hill & Sullivan Mining & Concentrating Co.	Kellogg, Idaho.....	10	360	833
KFEZ	American Society of Mechanical Engineers (F. H. Schubert).	St. Louis, Mo.....	500	860	833
KFFA	Dr. R. O. Shelton.....	San Diego, Calif, 3443 Fifth Street.	50	242	1240
KFFB	Jenkins Furniture Co.....	Boise, Idaho.....	10	240	1250
KFFE	Eastern Oregon Radio Co.....	Pendleton, Ore.....	10	360	833
KFFO	Dr. E. H. Smith.....	Hillsboro, Ore.....	5	229	1310
KFFP	First Baptist Church.....	Moberly, Mo.....	100	275	1090
KFFQ	Marksheffel Motor Co.....	Colorado Springs, Colo.....	100	360	833
KFFR	Nevada State Journal (Jim Kirk).	Sparks, Nev.....	10	360	833
KFFV	Graceland College.....	Lamoni, Iowa.....	100	360	833
KFFX	McGraw Co.....	Omaha, Nebr.....	250	278	1080
KFFY	Pincus & Murphey.....	Alexandria, La.....	100	275	1090
KFFZ	A. G. Barnes Amusement Co.....	Dallas, Tex. (portable).....	20	226	1330
KFGC	Louisiana State University.....	Baton Rouge, La.....	100	254	1180
KFGD	Chickasha Radio & Electric Co.....	Chickasha, Okla.....	20	248	1210
KFGH	Leland Stanford University.....	Stanford University, Calif.....	500	360	833
KFGJ	Missouri National Guard, 138th Infantry.	St. Louis, Mo.....	100	266	1130
KFGL	Arlington Garage.....	Arlington, Ore.....	5	234	1280
KFGP	Cheney Radio Co.....	Cheney, Kans.....	10	229	1310
KFGQ	Crary Hardware Co.....	Boone, Iowa.....	20	226	1330
KFGV	Heidbreder Radio Supply Co.....	Utica, Nebr.....	10	224	1340
KFGX	First Presbyterian Church.....	Orange, Tex.....	500	250	1200
KFGY	Gjelhaug's Radio Shop.....	Baudette, Minn.....	20	224	1340
KFGZ	Emmanuel Missionary College.....	Berrien Springs, Mich.....	10	268	1120
KFHA	Colorado State Normal School.....	Gunnison, Colo.....	50	360	833
KFHB	Rialto Theater (P. L. Beardwell).	Hood River, Ore.....	10	280	1070
KFHD	Utz Electric Shop Co.....	St. Joseph, Mo.....	10	226	1330
KFHF	Central Christian Church.....	Shreveport, La.....	150	266	1130
KFHH	Ambrose A. McCue.....	Neah Bay, Wash.....	50	283	1060
KFHI	Charles V. Dixon.....	Wichita, Kans., 411 Fannie Ave.	20	224	1340
KFHJ	Fallon & Co.....	Santa Barbara, Calif.....	100	360	833
KFHL	Penn College.....	Oskaloosa, Iowa.....	10	227	1320
KFHP	Radio-Bug Products Co.....	Kearney, Nebr.....	10	246	1220
KFHQ	Curtis Brothers Hardware Store (Alfred E. Fowler).	Los Gatos, Calif.....	5	242	1240
KFHR	Star Electric & Radio Co.....	Seattle, Wash.....	100	270	1110
KFHS	Clifford J. Dow.....	Lihue, Hawaii.....	30	275	1090
KFHU	M. G. Sateren.....	Mayville, N. Dak.....	50	261	1150
KFHX	Robert W. Nelson.....	Hutchinson, Kans., 407 East First Street.	50	229	1310
KFHY	R. S. McEwan.....	Trinidad, Colo.....	50	242	1240
KFI	Earle C. Anthony (Inc.).....	Los Angeles, Calif.....	500	469	640
KFIB	Franklin W. Jenkins.....	St. Louis, Mo., 5666 Vernon Avenue.	10	244	1230
KFIC	Philip Laskowitz.....	Denver, Colo., 611 Marion Street.	15	224	1340
KFID	Ross Arbuckle's Garage.....	Iola, Kans.....	20	246	1220
KFIF	Benson Polytechnic Institute.....	Portland, Ore.....	100	360	833
KFIJ	Sidney I. Thoreau.....	Platte, S. Dak.....	5	236	1270
KFIK	Gladbrook Electric Co.....	Gladbrook, Iowa.....	20	234	1280
KFIL	Windisch Electric Farm Equipment Co.	Louisburg, Kans.....	100	234	1280
KFIO	North Central High School.....	Spokane, Wash.....	50	252	1190

STATIONS BROADCASTING MARKET OR WEATHER REPORTS, MUSIC, CONCERTS, LECTURES, ETC., ALPHABETICALLY BY CALL LETTERS—Continued.

Call signal.	Owner of station.	Location of station.	Power (watts).	Wave length.	Frequency (kilocycles).
KFIQ	Yakima Valley Radio Broadcasting Association.	Yakima, Wash.	50	224	1340
KFIU	Alaska Electric Light & Power Co.	Juneau, Alaska	10	226	1330
KFIV	V. H. Broyles.	Pittsburg, Kans., 706 East Tenth Street.	20	240	1250
KFIX	Reorganized Church of Jesus Christ of Latter Day Saints.	Independence, Mo.	500	240	1250
KFJA	Central Power Co.	Grand Island, Nebr.	100	244	1230
KFJB	Marshall Electrical Co.	Marshalltown, Iowa.	10	248	1210
KFJD	Weld County Printing & Publishing Co.	Greeley, Colo.	100	236	1270
KFKA	Colorado State Teachers College.	do.	50	248	1210
KFKH	Denver Park & Amusement Co.	Lakeside, Colo.	10	226	1330
KFLE	National Educational Service.	Denver, Colo.	10	268	1120
KFZ	Doerr-Mitchell Electric Co.	Spokane, Wash.	10	283	1060
KGB	Wm. A. Mullins Electric Co.	Tacoma, Wash.	10	360	833
KGK	Hallock & Watson Radio Service.	Portland, Oreg.	50	360	833
✓ KGN	Northwestern Radio Mfg. Co.	do.	100	360	833
✓ KGO	Altadena Radio Laboratory.	Altadena, Calif.	50	360	833
✓ KGU	Marion A. Mulrony.	Honolulu, Hawaii, Waikiki Beach.	250	360	833
✓ KGW	Portland Morning Oregonian.	Portland, Oreg.	500	492	610
✓ KGY	St. Martins College (Rev. Sebastian Ruth).	Lacy, Wash.	5	258	1160
✓ KHJ	Times-Mirror Co.	Los Angeles, Calif.	500	395	760
✓ KHQ	Louis Wasmer.	Seattle, Wash., 419 13th Avenue.	100	360	833
✓ KJQ	C. O. Gould.	Stockton, Calif., 615 E. Main Street.	5	360	833
✓ KJR	Northwest Radio Service Co.	Seattle, Wash.	50	270	1110
✓ KJS	Bible Institute of Los Angeles.	Los Angeles, Calif.	750	360	833
✓ KLN	Monterey Electric Shop.	Monterey, Calif.	10	261	1150
✓ KLS	Warner Brothers.	Oakland, Calif., 2201 Teleg. Avenue.	250	360	833
✓ KLX	Tribune Publishing Co.	Oakland, Calif.	250	360	833
✓ KLZ	Reynolds Radio Co.	Denver, Colo.	200	360	833
✓ KMC	W. W. Linsay, jr.	Reedley, Calif., 1516 F Street.	100	360	833
✓ KMJ	San Joaquin Light & Power Corp.	Fresno, Calif.	250	360	833
✓ KMO	Love Electric Co.	Tacoma, Wash.	10	360	833
✓ KNJ	Roswell Public Service Co.	Roswell, N. Mex.	500	360	833
✓ KNT	Grays Harbor Radio Co. (Walter Hemrich).	Aberdeen, Wash.	250	263	1140
✓ KNV	Radio Supply Co.	Los Angeles, Calif.	100	360	833
✓ KNX	Electric Lighting Supply Co.	do.	100	360	833
✓ KOB	New Mexico College of Agriculture & Mechanic Arts.	State College, N. Mex.	500	360	833
✓ KOP	Detroit Police Department.	Detroit, Mich.	500	286	1050
✓ KPO	Hale Bros.	San Francisco, Calif.	500	423	710
✓ KQI	University of California.	Berkeley, Calif.	500	360	833
✓ KQP	Apple City Radio Club.	Hood River, Oreg.	10	360	833
✓ KQV	Doubleday-Hill Electric Co.	Pittsburgh, Pa.	500	360	833
✓ KQW	Charles D. Herrold.	San Jose, Calif., 467 First Street.	50	360	833
✓ KRE	Berkeley Daily Gazette.	Berkeley, Calif.	50	278	1090
✓ KSD	Post Dispatch (Pulitzer Pub. Co.).	St. Louis, Mo.	500	546	550
✓ KSS	Prest & Dean Radio Co. and Radio Research Society of Long Beach, Calif.	Long Beach, Calif.	20	360	833
✓ KTW	First Presbyterian Church.	Seattle, Wash.	250	360	833
✓ KUO	Examiner Printing Co.	San Francisco, Calif.	150	360	833
✓ KUS	City Dye Works & Laundry Co.	Los Angeles, Calif.	100	360	833
✓ KUY	Coast Radio Co.	El Monte, Calif.	50	360	833
✓ KWG	Portable Wireless Telephone Co.	Stockton, Calif.	100	360	833
✓ KWH	Los Angeles Examiner.	Los Angeles, Calif.	500	360	833
✓ KXD	Modesto Herald Publishing Co.	Modesto, Calif.	5	360	833
✓ KYQ	Electric Shop.	Honolulu, Hawaii.	40	360	833
✓ KYW	Westinghouse Electric & Mfg. Co.	Chicago, Ill.	500	345	870
✓ KZM	Preston D. Allen.	Oakland, Calif., Thirteenth and Harrison Streets.	50	360	833
✓ KZN	The Deseret News.	Salt Lake City, Utah.	500	360	833
✓ KZV	Wenatchee Battery & Motor Co.	Wenatchee, Wash.	50	360	833
✓ WAAB	Valdemar Jensen.	New Orleans, La., 137 South St. Patrick Street.	100	268	1120
✓ WAAC	Tulane University.	New Orleans, La.	400	360	833
✓ WAAD	Ohio Mechanics Institute.	Cincinnati, Ohio.	25	360	833
✓ WAAF	Chicago Daily Drivers Journal.	Chicago, Ill.	200	360	833
✓ WAAH	Commonwealth Electric Co.	St. Paul, Minn.	100	360	833

STATIONS BROADCASTING MARKET OR WEATHER REPORTS, MUSIC, CONCERTS, LECTURES, ETC., ALPHABETICALLY BY CALL LETTERS—Continued.

Call signal.	Owner of station.	Location of station.	Power (watts).	Wave length.	Frequency (kilo-cycles).
WAAK	Gimbel Brothers.....	Milwaukee, Wis.....	100	280	1070
WAAM	I. R. Nelson Co.....	Newark, N. J.....	250	263	1140
WAAN	University of Missouri.....	Columbia, Mo.....	50	254	1180
WAAP	United Electric Co.....	Wichita, Kans.....	150	360	833
WAAW	Omaha Grain Exchange.....	Omaha, Nebr.....	200	360	833
WAAZ	Hollister-Miller Motor Co.....	Emporia, Kans.....	100	360	833
WABA	Lake Forest College.....	Lake Forest, Ill.....	100	266	1130
WABB	Dr. John B. Lawrence.....	Harrisburg, Pa.....	10	266	1130
WABC	Fulwider-Grimes Battery Co.....	Anderson, Ind.....	10	229	1310
WABD	Parker High School.....	Dayton, Ohio.....	10	263	1060
WABE	Young Mens Christian Association.....	Washington, D. C.....	50	263	1060
WABF	Mount Vernon Register-News Co.....	Mount Vernon, Ill.....	250	234	1280
WABG	Arnold Edwards Piano Co.....	Jacksonville, Fla.....	10	248	1210
WABH	Lake Shore Tire Co.....	Sandusky, Ohio.....	100	240	1250
WABI	Bangor Railway & Electric Co.....	Bangor, Me.....	50	240	1250
WABJ	The Radio Laboratories.....	South Bend, Ind.....	10	240	1250
WABK	First Baptist Church.....	Worcester, Mass.....	10	252	1190
WABL	Connecticut Agricultural College.....	Storrs, Conn.....	100	263	1060
WABM	F. E. Doherty Automotive and Radio Supply Co.....	Saginaw, Mich.....	100	254	1180
WABN	Waldo C. Grover.....	La Crosse, Wis.....	100	234	1280
WABO	Lake Avenue Baptist Church.....	Rochester, N. Y.....	20	252	1190
WBA A	Purdue University.....	West Lafayette, Ind.....	250	360	833
WBA D	Sterling Electric Co.....	Minneapolis, Minn.....	100	360	833
WBA F	Fred M. Middleton.....	Moorestown, N. J., 337 Chester Avenue.....	100	360	833
WBA H	The Dayton Co.....	Minneapolis, Minn.....	500	360	833
WBA N	Wireless Phone Corp.....	Paterson, N. J.....	100	244	1230
WBA O	James Millikin University.....	Decatur, Ill.....	50	360	833
WBA P	Wortham-Carter Publishing Co. (Star Telegram).....	Fort Worth, Tex.....	500	476	630
WBA U	Republican Publishing Co.....	Hamilton, Ohio.....	50	258	1160
WBA V	Erner & Hopkins Co.....	Columbus, Ohio.....	500	390	770
WBA W	Marietta College.....	Marietta, Ohio.....	100	246	1220
WBA X	John H. Stenger, jr.....	Wilkes-Barre, Pa., 66 Gilder-sleeve Street.....	20	360	833
WBA Y	Western Electric Co.....	New York, N. Y.....	500	492	610
WBBA	Newark Radio Laboratories.....	Newark, Ohio.....	20	240	1250
WBBC	Sterling Radio Equipment Co.....	Sterling, Ill.....	50	229	1310
WBBD	Barbey Battery Service.....	Reading, Pa.....	50	234	1280
WBL	T & H Radio Co.....	Anthony, Kans.....	100	261	1150
WBS	D. W. May, Inc.....	Newark, N. J.....	20	360	833
WBT	Southern Radio Corp.....	Charlotte, N. C.....	500	360	833
WBU	City of Chicago.....	Chicago, Ill.....	500	256	1050
WBZ	Westinghouse Elec. & Mfg. Co.....	Springfield, Mass.....	750	337	890
WCAD	St. Lawrence University.....	Canton, N. Y.....	50	280	1070
WCA E	Kaufmann & Baer Co.....	Pittsburgh, Pa.....	500	462	650
WCA G	Clyde R. Randall.....	New Orleans, La., 2813 Cal-houn Street.....	50	268	1120
WCA H	Entrekin Electric Co.....	Columbus, Ohio.....	250	286	1050
WCA J	Nebraska Wesleyan University.....	University Place, Nebr.....	500	360	833
WCA K	Alfred P. Daniel.....	Houston, Tex., 2504 Bagby Street.....	50	360	833
WCA L	St. Olaf College.....	Northfield, Minn.....	250	360	833
WCA M	Villanova College.....	Villanova, Pa.....	150	360	833
WCA O	Sanders & Stayman Co.....	Baltimore, Md.....	50	360	833
WCA P	Chesapeake & Potomac Telephone Co.....	Washington, D. C.....	500	469	640
WCA R	Alamo Radio Electric Co.....	San Antonio, Tex.....	100	360	833
WCA S	William Hood Dunwoody Indus-trial Institute.....	Minneapolis, Minn.....	100	360	833
WCA T	South Dakota State School of Mines Durham & Co.....	Rapid City, S. Dak.....	100	240	1250
WCA V	J. C. Dice Electric Co.....	Philadelphia, Pa.....	100	286	1050
WCA X	University of Vermont.....	Little Rock, Ark.....	20	360	833
WCA Y	Kesselman O'Driscoll Co.....	Burlington, Vt.....	50	360	833
WCA Z	Robert E. Compton & Carthage College.....	Milwaukee, Wis.....	500	261	1150
WCBA	Charles W. Heimbach.....	Carthage, Ill.....	100	360	833
WCBA	Charles W. Heimbach.....	Allentown, Pa., 1015 Allen Street.....	5	280	1070
WCB B	K. & K. Radio Supply Co. (Charles H. Katzenberger).....	Greenville, Ohio.....	100	240	1250
WCB D	Wilbur G. Voliva.....	Zion, Ill.....	500	345	870
WCE	Findley Electric Co.....	Minneapolis, Minn.....	250	360	833
WCK	Stix, Baer & Fuller Dry Goods Co.....	St. Louis, Mo.....	100	360	833
WCM	University of Texas.....	Austin, Tex.....	500	360	833

STATIONS BROADCASTING MARKET OR WEATHER REPORTS, MUSIC, CONCERTS, LECTURES, ETC., ALPHABETICALLY BY CALL LETTERS—Continued.

Call signal.	Owner of station.	Location of station.	Power (watts).	Wave length.	Frequency (kilo-cycles).
WCN	Clark University.....	Worcester, Mass.....	600	360	833
WCX	Detroit Free Press.....	Detroit, Mich.....	500	517	580
WDAD	Central Kansas Radio Supply Co. (Wm. L. Harrison).	Lindsborg, Kans.....	10	360	833
WDAE	Tampa Daily Times.....	Tampa, Fla.....	250	360	833
WDAF	Kansas City Star.....	Kansas City, Mo.....	500	411	730
WDAG	J. Laurance Martin.....	Amarillo, Tex.....	100	360	833
WDAH	Trinity Methodist Church (South).	El Paso, Tex.....	200	360	833
WDAI	Hughes Radio Corp.....	Syracuse, N. Y.....	100	246	1220
WDAJ	Atlanta & West Point R. R. Co.....	College Park, Ga.....	500	360	833
WDAK	The Courant.....	Hartford, Conn.....	100	261	1150
WDAL	Florida Times-Union.....	Jacksonville, Fla.....	100	360	833
WDAA	Automotive Electric Co.....	Dallas, Tex.....	50	360	833
WDAP	Board of Trade.....	Chicago, Ill.....	500	360	833
WDAR	Lit Brothers.....	Philadelphia, Pa.....	500	395	760
WDAS	Samuel A. Waite.....	Worcester, Mass., 692a Main Street.	5	360	833
WDAU	Slocum Kilburn.....	New Bedford, Mass.....	100	360	833
WDAV	First National Bank.....	Centerville, Iowa.....	100	360	833
WDAY	Fargo Radio Service Co.....	Fargo, N. Dak.....	50	244	1230
WDDB	Kirk, Johnson & Co.....	Lancaster, Pa.....	50	258	1160
WDBF	Robert G. Phillips.....	Youngstown, Ohio, 254 W. Federal Street.	50	261	1150
WDM	Church of the Covenant.....	Washington, D. C.....	50	360	833
WDT	Ship Owners Radio Service.....	Stapleton, N. Y.....	500	405	740
WDZ	James L. Bush.....	Tuscola, Ill., Star Store Bldg..	350	278	1080
WEAA	Fallain & Lathrop.....	Flint, Mich.....	150	280	1070
WEAB	Standard Radio Equipment Co.....	Fort Dodge, Iowa.....	100	360	833
WEAD	Henry Radio & Electrical Supply.	Atwood, Kans.....	100	268	1120
WEAF	American Telephone & Telegraph Co.	New York, N. Y.....	500	492	610
WEAG	Nichols-Hinclease-Bassett Laboratory.	Edgewood, R. I.....	10	231	1300
WEAH	Wichita Board of Trade and Lander Radio Co.	Wichita, Kans.....	100	360	833
WEAI	Cornell University.....	Ithaca, N. Y.....	500	286	1050
WEAJ	University of South Dakota.....	Vermillion, S. Dak.....	200	360	833
WEAK	Julius B. Abercrombie.....	St. Joseph, Mo.....	15	360	833
WEAM	Borough of North Plainfield (W. Gibson Butfield).	North Plainfield, N. J.....	100	250	1190
WEAN	Shepard Co.....	Providence, R. I.....	15	273	1100
WEAO	Ohio State University.....	Columbus, Ohio.....	500	360	833
WEAP	Mobile Radio Co.....	Mobile, Ala.....	100	260	833
WEAR	Baltimore American & News Publishing Co.	Baltimore, Md.....	50	360	833
WEAS	Hecht Co.....	Washington, D. C.....	100	360	833
WEAU	Davidson Bros. Co.....	Sioux City, Iowa.....	100	360	833
WEAY	Iris Theatre (Will Horowitz, jr).	Houston, Tex.....	1000	360	833
WEB	Benwood Co.....	St. Louis, Mo.....	500	360	833
WEV	Hurlburt-Still Electrical Co.....	Houston, Tex.....	250	360	833
WEW	St. Louis University.....	St. Louis, Mo.....	100	261	1150
WFAA	Dallas News & Dallas Journal.....	Dallas, Tex.....	500	476	630
WFAB	Carl F. Woese.....	Syracuse, N. Y., 802 McBride St.	200	234	1280
WFAF	H. C. Spratley Radio Co.....	Poughkeepsie, N. Y.....	20	360	833
WFAG	Radio Engineering Laboratory.....	Waterford, N. Y.....	500	360	833
WFAH	Electric Supply Co.....	Port Arthur, Tex.....	150	360	833
WFAJ	Hj-Grade Wireless Instrument Co.	Asheville, N. C.....	100	360	833
WFAK	Times Publishing Co.....	St. Cloud, Minn.....	20	260	833
WFAN	Hutchinson Electric Service Co.....	Hutchinson, Minn.....	100	360	833
WFAQ	Missouri Wesleyan College and Cameron Radio Co.	Cameron, Mo.....	10	360	833
WFAT	Daily Argus-Leader.....	Sioux Falls, S. Dak.....	100	360	833
WFAV	University of Nebraska, Department of Electrical Engineering.	Lincoln, Nebr.....	100	360	833
WFI	Strawbridge & Clothier.....	Philadelphia, Pa.....	500	395	760
WGAL	Lancaster Electric Supply & Construction Co.	Lancaster, Pa.....	10	248	1210
WGAN	Cecil E. Lloyd.....	Pensacola, Fla., 216 W. Romana St.	50	360	833
WGAQ	Glenwood Radio Corp. (W. G. Patterson).	Shreveport, La.....	150	360	833
WGAR	Southwest American.....	Fort Smith, Ark.....	20	360	833
WGAU	Radio Manufacturing & Service Co. (Marcus G. Limb).	Wooster, Ohio.....	20	226	1330
WGAW	Ernest C. Albright.....	Altoma, Pa., 1918 W. Chestnut St.	100	261	1150
WGAX	Radio Electric Co. (H. E. Wilson).	Washington Court House, Ohio.	20	360	833

STATIONS BROADCASTING MARKET OR WEATHER REPORTS, MUSIC, CONCERTS, LECTURES, ETC., ALPHABETICALLY BY CALL LETTERS—Continued.

Call signal.	Owner of station.	Location of station.	Power (watts).	Wave length.	Frequency (kilocycles).
WGAY	Northwestern Radio Co.	Madison, Wis.	100	360	833
WGAZ	South Bend Tribune.	South Bend, Ind.	100	360	833
WGF	The Register & Tribune.	Des Moines, Iowa.	250	360	833
WGI	American Radio & Research Corp.	Medford Hillside, Mass.	500	360	833
WGL	Thomas F. J. Howlett.	Philadelphia, Pa., 2303 North Broad St.	250	360	833
WGM	Atlanta Constitution.	Atlanta, Ga.	500	429	700
WGR	Federal Telephone & Telegraph Co.	Buffalo, N. Y.	250	360	833
WGV	Interstate Electric Co.	New Orleans, La.	100	360	833
WGY	General Electric Co.	Schenectady, N. Y.	1000	380	790
WHA	University of Wisconsin.	Madison, Wis.	800	360	833
WHA A	State University of Iowa.	Iowa City, Iowa.	100	283	1060
WHAB	Clark W. Thompson.	Galveston, Tex.	200	360	833
WHAC	Cole Bros. Electric Co.	Waterloo, Iowa.	20	360	833
WHAD	Marquette University.	Milwaukee, Wis.	100	280	1070
WHAG	University of Cincinnati.	Cincinnati, Ohio.	100	222	1350
WHAH	Hafer Supply Co.	Joplin, Mo.	550	360	833
WHAI	Radio Equipment & Mfg. Co.	Davenport, Iowa.	50	360	833
WHAK	Roberts Hardware Co.	Clarksburg, W. Va.	15	360	833
WHAL	Lansing Capital News.	Lansing, Mich.	20	248	1210
WHAM	University of Rochester (Eastman School of Music).	Rochester, N. Y.	100	360	833
WHAO	Frederic A. Hill.	Savannah, Ga., 1223 E. Duffy St.	100	360	833
WHAP	Otta & Kuhns.	Decatur, Ill.	10	360	833
WHAQ	Semmes Motor Co.	Washington, D. C.	10	360	833
WHAR	Paramount Radio & Electric Co. (W. H. A. Paulus).	Atlantic City, N. J.	15	231	1300
WHAS	Courier-Journal & Louisville Times	Louisville, Ky.	500	400	750
WHA V	Wilmington Electrical Specialty Co.	Wilmington, Del.	50	360	833
WHA Y	Huntington Press.	Huntington, Ind.	10	360	833
WHA Z	Rensselaer Polytechnic Institute.	Troy, N. Y.	500	380	790
WEB	Sweeney School Co.	Kansas City, Mo.	500	411	730
WED	West Virginia University.	Morgantown, W. Va.	250	360	833
WEK	Radiovox Co. (Warren R. Cox).	Cleveland, Ohio.	100	360	833
WEN	George Schubel.	Ridgewood, N. Y.	100	360	833
WIAB	Joslyn Automobile Co.	Rockford, Ill.	50	252	190
WIAC	Galveston Tribune.	Galveston, Tex.	100	360	833
WIAD	Ocean City Yacht Club (Howard R. Miller).	Ocean City, N. J.	10	254	1180
WIAF	Gustav A. DeCortin.	New Orleans, La., 139 North Alexander Street.	10	234	1280
WIAH	Continental Radio & Mfg. Co.	Newton, Iowa.	5	360	833
WIAI	Heer Stores Co.	Springfield, Mo.	20	360	833
WIAJ	Fox River Valley Radio Supply Co. (Quinn Bros.).	Neenah, Wis.	20	224	1340
WIAK	Journal-Stockman Co.	Omaha, Nebr.	200	278	1080
WIAO	School of Engineering of Milwaukee & Wisconsin News.	Milwaukee, Wis.	100	360	833
WIAQ	Chronicle Publishing Co.	Marion, Ind.	10	360	833
WIA R	Paducah Evening Sun.	Paducah, Ky.	100	360	833
WIAS	Home Electric Co.	Burlington, Iowa.	100	360	833
WIAT	Leon T. Noel.	Tarkio, Mo.	15	360	833
WIAU	American Trust & Savings Bank.	Le Mars, Iowa.	20	360	833
WIA V	New York Radio Laboratories.	Binghamton, N. Y.	50	360	833
WIA W	Saginaw Radio & Electric Co.	Saginaw, Mich.	100	360	833
WIA Y	Woodward & Lothrop.	Washington, D. C.	100	360	833
WIK	K. & L. Electric Co. (Herbert F. Kelso and Hunter J. Lohman).	McKeesport, Pa.	250	360	833
WIL	Continental Electrical Supply Co.	Washington, D. C.	10	360	833
WIP	Gimbel Brothers.	Philadelphia, Pa.	500	509	590
WIZ	Cino Radio Mfg. Co.	Cincinnati, Ohio.	200	360	833
WJAB	American Electric Co.	Lincoln, Nebr.	500	360	833
WJAD	Jackson's Radio Engineering Laboratories.	Waco, Tex.	150	360	833
WJAF	Press Publishing Co.	Muncie, Ind.	10	360	833
WJAG	Norfolk Daily News (Huse Pub. Co.).	Norfolk, Nebr.	100	360	833
WJAJ	Y. M. C. A.	Dayton, Ohio.	50	360	833
WJAK	White Radio Laboratory.	Stockdale, Ohio.	50	360	833
WJAM	D. M. Perham.	Cedar Rapids, Iowa, 302 Third Avenue, West.	20	360	833
WJAN	Peoria Star.	Peoria, Ill.	100	280	1070
WJAP	Kelley-Duluth Co.	Duluth, Minn.	50	360	833
WJAQ	Capper Publications.	Topeka, Kans.	50	360	833

STATIONS BROADCASTING MARKET OR WEATHER REPORTS, MUSIC, CONCERTS, LECTURES, ETC., ALPHABETICALLY BY CALL LETTERS—Continued.

Call signal.	Owner of station.	Location of station.	Power (watts).	Wave length.	Frequency (kilocycles).
WJAR	The Outlet Co. (J. Samuels & Bro.).	Providence, R. I.	50	360	833
WJAS	Pittsburgh Radio Supply House.	Pittsburgh, Pa.	500	360	833
WJAT	Kelly-Vawter Jewelry Co.	Marshall, Mo.	20	360	833
WJAX	Union Trust Co.	Cleveland, Ohio.	500	390	770
WJAZ	Chicago Radio Laboratory.	Chicago, Ill.	20	448	670
WJD	Richard H. Howe.	Granville, Ohio.	50	229	1310
WJH	White & Boyer Co.	Washington, D. C.	50	263	1140
WJX	Deforest Radio Telephone & Telegraph Co.	New York, N. Y.	500	360	833
WJY	R. C. A.	do.	500	405	740
WJZ	do.	do.	500	455	660
WKA A	H. F. Paar.	Cedar Rapids, Iowa, 1444 Second Avenue, East.	100	360	833
WKAC	Star Publishing Co.	Lincoln, Nebr.	100	275	1090
WKAD	Chas. Looff (Crescent Park).	East Providence, R. I.	10	360	833
WKAF	W. S. Radio Supply Co.	Wichita Falls, Tex.	100	360	833
WKAN	United Battery Service Co.	Montgomery, Ala.	20	226	1330
WKAP	Dutee W. Flint.	Cranston, R. I.	200	360	833
WKAQ	Radio Corp. of Porto Rico.	San Juan, P. R.	100	360	833
WKA R	Michigan Agriculture College.	East Lansing, Mich.	100	290	1070
WKAS	L. E. Lines Music Co.	Springfield, Mo.	10	360	833
WKA V	Laconia Radio Club.	Laconia, N. H.	50	360	833
WKA W	Turner Cycle Co.	Beloit, Wis.	10	242	1240
WKAX	Wm. A. MacFarlane.	Bridgeport, Conn., 1789 Park Avenue.	15	231	1300
WKAY	Brenau College.	Gainesville, Ga.	20	360	833
WKC	Joseph M. Zamowski Co.	Baltimore, Md.	20	360	833
WKY	W. K. Y. Radio Shop.	Oklahoma, Okla.	100	360	833
WLAC	North Carolina State College.	Raleigh, N. C.	750	360	833
WLAG	Cutting & Washington Radio Corp.	Minneapolis, Minn.	500	417	720
WLAH	Samuel Woodworth.	Syracuse, N. Y., 425 Brownell Street.	250	234	1280
WLAJ	Waco Electrical Supply Co.	Waco, Tex.	50	360	833
WLA K	Vermont Farm Machine Corp.	Bellows Falls, Vt.	500	360	833
WLA L	Tulsa Radio Co.	Tulsa, Okla.	100	360	833
WLAN	Putnam Hardware Co.	Houlton, Me.	100	360	833
WLAP	W. V. Jordan.	Louisville, Ky., 306 W. Breckenridge Street.	15	360	833
WLAQ	Arthur E. Schilling.	Kalamazoo, Mich., 108 Elm Street.	20	360	833
WLAT	Radio and Specialty Co.	Burlington, Iowa.	10	360	833
WLA V	Electric Shop.	Pensacola, Fla.	20	360	833
WLA W	Police Dept., City of New York.	New York, N. Y.	500	360	833
WLAX	Putnam Electric Co. (Greencastle Community Broadcasting Station).	Greencastle, Ind.	5	231	1300
WLAY	Northern Commercial Co.	Fairbanks, Alaska.	50	360	833
WLA Z	Hutton & Jones Electric Co.	Warren, Ohio.	20	248	1210
WLB	University of Minnesota.	Minneapolis, Minn.	100	360	833
WLW	Crosley Manufacturing Co.	Cincinnati, Ohio.	500	309	970
WMA B	Radio Supply Co.	Oklahoma, Okla.	100	360	833
WMA C	J. Edw. Page (Olive B. Meredith).	Cazenovia, N. Y., Fernwood Street.	100	261	1150
WMAD	Atchinson County Mail.	Rock Port, Mo.	20	360	833
WMA F	Round Hills Radio Corp.	Dartmouth, Mass.	500	360	833
WMA H	General Supply Co.	Lincoln, Nebr.	15	254	1180
WMA J	Drovers Telegram Co.	Kansas City, Mo.	250	275	1090
WMA K	Norton Laboratories.	Lockport, N. Y.	500	360	833
WMA L	Trenton Hardware Co.	Trenton, N. J.	15	256	1170
WMA M	Beaumont Radio Equipment Co.	Beaumont, Tex.	100	360	833
WMA N	First Baptist Church.	Columbus, Ohio.	20	286	1050
WMA P	Utility Battery Service.	Easton, Pa.	250	243	1220
WMA Q	Chicago Daily News.	Chicago, Ill.	500	448	670
WMA T	Paramount Radio Corp.	Duluth, Minn.	250	266	1130
WMA V	Alabama Polytechnic Institute.	Auburn, Ala.	250	250	1200
WMA W	Wahpeton Electric Co.	Wahpeton, N. Dak.	50	360	833
WMA Y	Kingshighway Presbyterian Church.	St. Louis, Mo.	100	360	833
WMA Z	Mercer University.	Macon, Ga.	50	268	1120
WMC	"Commercial Appeal" (Commercial Publishing Co.).	Memphis, Tenn.	500	500	600
WMH	Precision Equipment Co.	Cincinnati, Ohio.	10	248	1210
WMU	Doubladay-Hill Electric Co.	Washington, D. C.	100	261	1150
WNB	Park City Daily News.	Bowling Green, Ky.	100	360	833
WNA C	Shepard Stores.	Boston, Mass.	100	360	833
WNA D	University of Oklahoma.	Norman, Okla.	100	360	833

STATIONS BROADCASTING MARKET OR WEATHER REPORTS, MUSIC, CONCERTS, LECTURES, ETC., ALPHABETICALLY BY CALL LETTERS—Continued.

Call Signal.	Owner of station.	Location of station.	Power (watts).	Wave length.	Frequency (kilo-cycles.)
WNAL	R. J. Rockwell.....	Omaha, Nebr., 5019 Capitol Avenue.	50	360	833
WNAM	Ideal Apparatus Co.....	Evansville, Ind.....	500	360	833
WNAN	Syracuse Radio Telephone Co.....	Syracuse, N. Y.....	100	246	1050
WNAP	Wittenberg College.....	Springfield, Ohio.....	100	360	833
WNAQ	Charleston Radio Electric Co.....	Charleston, S. C.....	20	360	833
WNAK	C. C. Rhodes.....	Butler, Mo.....	10	360	833
WNAS	Texas Radio Corp. & Austin Statesman.	Austin, Tex.....	100	360	833
WNAT	Lemmig Brothers Co. (Fred'k Lemmig).	Philadelphia, Pa.....	250	360	833
WNAV	Peoples Telephone & Telegraph Co.	Knoxville, Tenn.....	500	360	833
WNAW	Peninsular Radio Club (Henry Kunzmann).	Fort Monroe, Va.....	5	360	833
WNAX	Dakota Radio Apparatus Co.....	Yankton, S. Dak.....	50	244	1230
WNAZ	S. O. R. S.....	Baltimore, Md.....	10	360	833
WNJ	Shotton Radio Manufacturing Co.....	Albany, N. Y.....	55	360	833
WOAA	Dr. Walter Hardy.....	Ardmore, Okla.....	20	360	833
WOAB	Valley Radio.....	Grand Forks, N. Dak.....	5	360	833
WOAC	Maus Radio Co.....	Lima, Ohio.....	100	266	1130
WOAD	Friday Battery & Electric Corp.....	Sigourney, Iowa.....	10	360	833
WOAE	Midland College.....	Fremont, Nebr.....	20	360	833
WOAF	Tyler Commercial College.....	Tyler, Tex.....	100	360	833
WOAG	Apollo Theater (Belvidere Amusement Co.).	Belvidere, Ill.....	20	224	1340
WOAH	Palmetto Radio Corp.....	Charleston, S. C.....	100	360	833
WOAI	Southern Equipment Co.....	San Antonio, Tex.....	500	385	780
WOAJ	Ervin Electrical Co.....	Parsons, Kans.....	15	258	1160
WOAK	Collins Hardware Co.....	Frankfort, Ky.....	20	240	1250
WOAL	William E. Woods.....	Webster Groves, Mo., 4 Jefferson Road.	500	360	833
WOAN	Vaughn Conservatory of Music (James D. Vaughn).	Lawrenceburg, Tenn.....	150	360	833
WOAO	Lyradion Mfg. Co.....	Mishawaka, Ind.....	50	360	833
WOAP	Kalamazoo College.....	Kalamazoo, Mich.....	50	360	833
WOAQ	Portsmouth Kiwanis Club.....	Portsmouth, Va.....	15	360	833
WOAR	Henry P. Lundskow.....	Kenosha, Wis., 1066 Sheridan Road.	50	360	833
WOAS	Bailey's Radio Shop.....	Middletown, Conn.....	50	360	833
WOAT	Boyd M. Hamp.....	Wilmington, Del., 215 Market Street.	50	360	833
WOAV	Pennsylvania National Guard, 2d Battalion, 112th Infantry.	Erie, Pa.....	200	242	1240
WOAW	Woodmen of the World.....	Omaha, Nebr.....	500	526	570
WOAX	Franklyn J. Wolf.....	Trenton, N. J., 600 Ingham Avenue.	200	240	1250
WOAZ	Penick Hughes Co.....	Stamford, Tex.....	100	360	833
WOC	Palmer School of Chiropractic.....	Davenport, Iowa.....	500	484	620
WOE	Buckeye Radio Service Co.....	Akron, Ohio.....	40	360	833
WOI	Iowa State College.....	Ames, Iowa.....	100	360	833
WOK	Pine Bluff Co.....	Pine Bluff, Ark.....	500	360	833
WOO	John Wanamaker.....	Philadelphia, Pa., Thirteenth and Market Streets.	500	509	590
WOOQ	Western Radio Co.....	Kansas City, Mo.....	500	360	833
WOR	L. Bamberger & Co.....	Newark, N. J.....	500	405	740
WOS	Missouri State Marketing Bureau.	Jefferson City, Mo.....	500	360	833
WPAB	Pennsylvania State College.....	State College, Pa.....	500	360	833
WPAC	Donaldson Radio Co.....	Okmulgee, Okla.....	200	360	833
WPAD	W. A. Wieboldt & Co.....	Chicago, Ill.....	500	360	833
WPAF	Peterson Radio Co.....	Council Bluffs, Iowa.....	10	360	833
WPAH	Wisconsin Department of Markets.	Waupaca, Wis.....	250	360	833
WPAJ	Doolittle Radio Corp.....	New Haven, Conn.....	30	268	1120
WPAK	North Dakota Agricultural College.	Agricultural College, N. Dak.....	250	360	833
WPAL	Superior Radio & Telep. Equipment Co.	Columbus, Ohio.....	100	286	1050
WPAM	Auerbach & Guettel.....	Topeka, Kans.....	100	360	833
WPAP	Theodore D. Phillips.....	Winchester, Ky., 222 Lexington Avenue.	35	360	833
WPAQ	General Sales & Engineering Co.....	Frostburg, Md.....	10	360	833
WPAR	Ward Battery & Radio Co.....	Beloit, Kans.....	10	360	833
WPAS	J. & M. Electric Co.....	Amsterdam, N. Y.....	20	360	833
WPAT	St. Patricks Cathedral.....	El Paso, Tex.....	20	360	833
WPAU	Concordia College.....	Moorhead, Minn.....	20	360	833
WPAW	Radio Installation Co.....	Wilmington, Del.....	10	360	833
WPAZ	Bangor Radio Laboratory.....	Bangor, Me.....	20	360	833
WPAZ	John R. Koch (Dr.).....	Charleston, W. Va.....	20	273	1100
WPG	Nushawg Poultry Farm.....	New Lebanon, Ohio.....	30	360	833
WPI	Electric Supply Co.....	Clearfield, Pa.....	20	360	833

STATIONS BROADCASTING MARKET OR WEATHER REPORTS, MUSIC, CONCERTS, LECTURES, ETC., ALPHABETICALLY BY CALL LETTERS—Continued.

Call signal.	Owner of station.	Location of station.	Power (watts).	Wave length.	Frequency (kilo-cycles).
WQAA	Horace A. Beale, jr.	Parkersburg, Pa.	500	360	833
WQAB	Southwest Missouri State Teachers College.	Springfield, Mo.	10	238	1270
WQAC	E. B. Gish.	Amarillo, Tex., 108 East Eighth Street.	100	360	833
WQAD	Whitall Electric Co.	Waterbury, Conn.	50	242	1240
WQAE	Moore Radio News Station (Edmund B. Moore.)	Springfield, Vt.	150	275	1090
WQAF	Sandusky Register.	Sandusky, Ohio.	5	240	1250
WQAH	Brock-Anderson Electrical Engineering Co.	Lexington, Ky.	10	254	1180
WQAJ	Ann Arbor Times News.	Ann Arbor, Mich.	300	360	833
WQAK	Appel-Higley Electric Co.	Dubuque, Iowa.	50	360	833
WQAL	Coles County Telep. and Teleg. Co.	Mattoon, Ill.	20	258	1160
WQAM	Electrical Equipment Co.	Miami, Fla.	100	360	833
WQAN	Scranton Times.	Scranton, Pa.	250	280	1070
WQAO	Calvary Baptist Church.	New York, N. Y.	100	360	833
WQAO	Abilene Daily Reporter (West Texas Radio Co.).	Abilene, Tex.	100	360	833
WQAS	Prince-Walter Co.	Lowell, Mass.	10	268	1130
WQAT	Radio Equipment Corp.	Richmond, Va.	50	360	833
WQAV	Huntington & Guerry (Inc.).	Greenville, S. C.	15	258	1160
WQAW	Catholic University.	Washington, D. C.	5	238	1270
WQAX	Radio Equipment Co.	Peoria, Ill.	20	360	833
WQAY	Gaston Music and Furniture Co.	Hastings, Nebr.	20	360	833
WQAZ	Greensboro Daily News.	Greensboro, N. C.	30	360	833
WRAA	Rice Institute.	Houston, Tex.	200	360	833
WRAB	Board of Public Education.	Savannah, Ga.	100	360	833
WRAD	Taylor Radio Shop (G. L. Taylor).	Marion, Kans.	10	360	833
WRAF	The Radio Club (Inc.).	Laporte, Ind.	10	224	1340
WRAH	Stanley N. Read.	Providence, R. I.	10	360	833
WRAL	Northern States Power Co.	St. Croix Falls, Wis.	100	248	1210
WRAN	Black Hawk Electrical Co.	Waterloo, Iowa.	20	229	1310
WRAO	Radio Service Co.	St. Louis, Mo.	20	360	833
WRAP	Winter Park Electrical Construction Co.	Winter Park, Fla.	20	360	833
WRAR	Jacob Carl Thomas.	David City, Nebr.	20	226	1330
WRAS	Radio Supply Co.	McLeansboro, Ill.	10	360	833
WRAU	Amarillo Daily News.	Amarillo, Tex.	10	360	833
WRAV	Antioch College.	Yellow Springs, Ohio.	100	360	833
WRAW	Avenue Radio Shop (Horace D. Good).	Reading, Pa.	10	238	1260
WRAX	Flaxon's Garage.	Gloucester City, N. J.	50	268	1120
WRAY	Radio Sales Corp.	Scranton, Pa.	50	360	833
WRAZ	Radio Shop of Newark (Herman Lubinsky).	Newark, N. J.	50	233	1290
WRC	Radio Corporation of America.	Washington, D. C.			
WRK	Doron Bros. Electric Co.	Hamilton, Ohio.	50	360	833
WRL	Union College.	Schenectady, N. Y.	500	360	833
WRM	University of Illinois.	Urbana, Ill.	500	360	833
WRP	Federal Institute of Radio Telegraphy.	Camden, N. J.	500	360	833
WRR	City of Dallas (police and fire signal department).	Dallas, Tex.	20	360	833
WRW	Tarrytown Radio Research Laboratory.	Tarrytown, N. Y.	150	273	1100
WSAA	B. S. Sprague Electrical Co.	Marietta, Ohio.	25	360	833
WSAB	Southeast Missouri State Teachers College.	Cape Girardeau, Mo.	100	360	833
WSAC	Clemson Agricultural College.	Clemson College, S. C.	500	360	833
WSAD	J. A. Foster Co.	Providence, R. I.	50	261	1150
WSAG	City of St. Petersburg (Loren V. Davis).	St. Petersburg, Fla.	10	244	1230
WSAH	A. J. Leonard, Jr.	Chicago, Ill., 4801 Woodlawn Avenue.	500	248	1210
WSAI	United States Playing Cards Co.	Cincinnati, Ohio.	500	309	970
WSAJ	Grove City College.	Grove City, Pa.	100	360	833
ESAK	Foster Egner (Daily News, Pomeroy, Ohio).	Middleport, Ohio.	70	258	1160
WSAL	Franklin Electric Co.	Brookville, Ind.	20	246	1220
WSAN	Allentown Radio Club.	Allentown, Pa.	10	229	1310
WSAP	Seventh Day Adventist Church.	New York, N. Y.	250	360	833
WSAQ	Round Hills Radio Corporation.	Dartmouth, Mass.	100	280	1070
WSAR	Doughty & Welch Electrical Co.	Fall River, Mass.	10	254	1180
WSAT	Plainview Electric Co.	Plainview, Tex.	20	268	1120
WSB	Atlanta Journal.	Atlanta, Ga.	500	429	700
WSL	J. & M. Electric Co.	Utica, N. Y.	100	273	1100

STATIONS BROADCASTING MARKET OR WEATHER REPORTS, MUSIC, CONCERTS, LECTURES, ETC., ALPHABETICALLY BY CALL LETTERS—Continued.

Call signal.	Owner of station.	Location of station.	Power (watts).	Wave length.	Frequency (kilocycles).
WSY	Alabama Power Co.....	Birmingham, Ala.....	500	360	833
WTAB	Fall River Daily Herald Publishing Co.	Fall River, Mass.....	10	248	1210
WTAC	Penn Traffic Co.....	Johnstown, Pa.....	150	360	833
WTAG	Kern Music Co.....	Providence, R. I.....	10	258	1160
WTAK	Swan-Bower Co.....	Steubenville, Ohio.....	20	266	1130
WTAS	Charles E. Erbstein.....	Elgin, Ill., (near) R. F. D. 6, Box 75.	500	275	1090
WTAU	Ruegg Battery & Electric Co.....	Tecumseh, Nebr.....	10	360	833
WTAW	Agricultural & Mechanical College of Texas.	College Station, Tex.....	50	254	1180
WTG	Kansas State Agricultural College.	Manhattan, Kans.....	1,000	485	.....
WTP	George M. McBride.....	Bay City, Mich., 611 Midland Street.	20	360	833
WWAC	Sanger Bros.....	Waco, Tex.....	50	360	833
WWAD	Wright & Wright (Inc.).....	Philadelphia, Pa.....	50	360	833
WWAX	Wormser Bros.....	Laredo, Tex.....	50	360	833
WWB	Daily News Printing Co.....	Canton, Ohio.....	100	268	1120
WWI	Ford Motor Co.....	Dearborn, Mich.....	50	273	1100
WWJ	Detroit News (Evening News Assn.).	Detroit, Mich.....	500	517	580
WWL	Loyola University.....	New Orleans, La.....	100	360	833
WWZ	John Wanamaker.....	New York, N. Y.....	100	360	833

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.	Service.	Hours.	Station controlled by—
Afognak, Alaska.....	WWT		O	X	Bureau of Fisheries.
Akutan, Alaska.....	KTK		O	X	Bureau of Education, Department of the Interior.
Amagansett, N. Y.....	NBM	800.....	RC	N	U. S. Navy.
Ambrose Channel Light Vessel.....	NALS	300, 600, 378, 476, 756, 952	*(1)	(2)	Bureau of Lighthouses.
Anacostia, D. C.....	NBM	800.....	RC	N	U. S. Navy.
Anacostia, D. C. (naval laboratory).....	NOF	Variable.....	O	X	Do.
Anacostia, D. C.....	NSF	507.....	O	N	Do.
Anchorage, Alaska.....	WUP		O	X	U. S. Army.
Annapolis, Md. (Naval Academy).....	NAK	1620.....	O	X	U. S. Navy.
Annapolis, Md. (laboratory).....	NZO	Variable.....	O	X	Do.
Atka Island, Alaska.....	WJI	900.....	O	(2)	Bureau of Education, Department of the Interior.
Balboa, C. Z.....	NBA	600, 975, 2250, 2400, 3950, 7000, 9800, 10510, 17145	PG	N	U. S. Navy.
Bar Harbor, Me. (Otter Cliffs).....	NBD	300, 600, 975, 2250, 2400	PG	N	Do.
Bar Harbor, Me.....	NBD	800.....	RC	N	Do.
Bellefonte, Pa.....	W WQ	3446, 3998.....	O	(1)	Post Office Department.
Bethany Beach, Del.....	NSD	800.....	RC	N	U. S. Navy.
Bethel, Alaska.....	WVI	430, 480, 510, 530, 600	PG	(2)	U. S. Army.
Bird Island, Calif.....	NLD	800.....	RC	N	U. S. Navy.
Blunts Reef Light Vessel.....	NACT	300, 600, 756, 952	(1)	(2)	Bureau of Lighthouses.
Bolling Field, D. C. (Anacostia).....	WYB	1500.....	O	X	U. S. Army.
Boston, Mass.....	NAD	600, 975, 1363, 5950, 5000	O	N	U. S. Navy.
Boston, Mass.....	WVO	674.....	O	X	U. S. Army.
Brunswick Light Vessel.....	NABX	300, 600, 952.....	(1)	(2)	Bureau of Lighthouses.
Bryan, Ohio.....	KDEL	3295, 3998.....	O	X	Post Office Department.
Camp Alfred Vail, N. J.....	WUBA	1090, 1500.....	O	X	U. S. Army.
Camp Grant, Ill.....	WUBB	900.....	O	X	Do.
Camp Jones, Ariz. (Douglas).....	WZM	1091.....	O	X	Do.
Camp Knox, Ky.....	WUBC	975.....	O	X	Do.
Camp Marfa, Tex.....	WUG	3800.....	O	X	Do.
Camp Nichols, P. I. (Rizal Province).....	WYT	250, 1500.....	O	X	Do.
Camp S. D. Little, Ariz. (Nogales).....	WZL	1091.....	O	X	Do.
Camp Stotsenburg, P. I.....	WUCA	600, 952.....	O	X	Do.
Cape Charles Light Vessel.....	NAJV	300, 378, 476, 600, 756, 952	(1)	(2)	Bureau of Lighthouses.
Cape Elizabeth, Me. (Portland).....	NAB	800.....	RC	N	U. S. Navy.
Cape Hatteras, N. C.....	NDW	600, 975, 1620.....	PG	N	Do.
Cape Hatteras, N. C.....	NDW	800.....	RC	N	Do.
Cape Henlopen, Del.....	NSD	800.....	RC	N	Do.
Cape Hinchbrook, Alaska.....	NRM	800.....	RC	N	Do.
Cape Lookout, N. C.....	NAN	800.....	RC	N	Do.
Cape Lookout Shoals Light Vessel.....	NABV	300, 378, 476, 600, 756, 952	(1)	(2)	Bureau of Lighthouses.
Cape Mala, Panama.....	NNT	600, 1908.....	PG	N	U. S. Navy.
Cape May, N. J.....	NSD	800.....	RC	N	Do.
Cattle Point, Wash.....	NFN	800.....	RC	(6)	Do.
Cavite, P. I.....	NPO	600, 975, 2400, 2700, 5950, 5200, 8145, 13900	PG	N	Do.
Chanute Field, Ill. (Rantoul).....	WYJ	674, 1500.....	O	(7)	U. S. Army.
Charleston, S. C.....	NAO	365, 600, 975, 2400, 2600, 3950, 4800	PG	N	U. S. Navy.
Cheyenne, Wyo.....	KDEG	3123, 3998.....	O	(6)	Post Office Department.
Chicago, Ill.....	WVT	1364.....	O	(9)	U. S. Army.
Circle, Alaska.....	WVA	1350, 1700, 2200	FX	(10)	Do.
Clark Field, P. I. (Camp Stotsenburg).....	WYS	250, 450.....	O	X	Do.

*See footnotes to this table on p. 87.

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

Station.	Call signal.	Wave lengths.	Serv-ices.	Hours.	Station controlled by—
Cleveland, Ohio.....	NRH	3795, 3988....	PG	N	U. S. Navy.
Cleveland, Ohio.....	WVO	.....	O	X	Post Office Department.
Colon, C. Z.....	NAX	600, 975, 1620.	PG	N	U. S. Navy.
Columbia River Light Vessel.....	NAJT	300, 800.....	(1)	(2)	Bureau of Lighthouses.
Cordova, Alaska.....	NPA	600, 975, 2400, 2700, 3985, 5950, 7100, 7500	PG	N	U. S. Navy.
Cornfield Point Light Vessel.....	NASC	300, 378, 476, 600, 756, 952	(1)	(2)	Bureau of Lighthouses.
Craig, Alaska.....	WXO	600.....	PG	(2)	U. S. Army.
Dahlgren, Va.....	NDY	347.....	O	X	U. S. Navy.
Deer Island, Mass.....	NAD	800.....	RC	N	Do.
Detour Point, Mich.....	NZU	800.....	RC	N	Do.
Diamond Shoals Light Vessel.....	NITQ	300, 800.....	(1)	(2)	Bureau of Lighthouses.
Dutch Harbor, Alaska.....	NPR	600, 975, 2250.	PG	N	U. S. Navy.
Eagle Harbor, Mich.....	NUG	800.....	RC	N	Do.
Elko, Nev.....	KDEJ	3407, 3988....	O	(2)	Post Office Department.
Empire, Oreg.....	NPF	800.....	RC	N	U. S. Navy.
Eureka, Calif.....	NPW	800.....	RC	N	Do.
Eureka, Calif.....	NPW	600, 975, 2250, 2400, 3985,	PG	N	Do.
Fairbanks, Alaska.....	WVB	2000, 2800, 3200, 3700, 4100, 4700, 5000	FX	(1)	U. S. Army.
Fairfield, Ohio.....	WYD	1500.....	O	(2)	Do.
Farrallon Island, Calif.....	NPI	800.....	RC	N	U. S. Navy.
Fenwick Island Shoal Light Vessel.....	NAJS	300, 378, 476, 600, 756, 952	(1)	(2)	Bureau of Lighthouses.
Fire Island, N. Y.....	NAH	800.....	RC	N	U. S. Navy.
Fire Island Light Vessel.....	NLS	300, 378, 476, 600, 756, 952, 1200	(1)	(2)	Bureau of Lighthouses.
Five Fathom Bank Light Vessel.....	NADV	300, 600, 952..	(1)	(2)	Do.
Folly Island, S. C.....	NZV	800.....	RC	N	U. S. Navy.
Fort Adams, R. I.....	WUU	1150.....	O	X	U. S. Army.
Fort Amador, C. Z.....	WUBE	400.....	O	X	Do.
Fort Andrews, Mass.....	WUA	1091.....	O	X	Do.
Fort Barrancas, Fla.....	WZD	1090.....	O	X	Do.
Fort Benjamin Harrison, Ind.....	WVS	1559.....	O	X	Do.
Fort Bliss, Tex.....	WZO	3100.....	O	X	Do.
Fort Bragg, N. C.....	WZG	1380.....	O	(2)	Do.
Fort Brown, Tex. (Brownsville).....	WUZ	3080.....	O	(12)	Do.
Fort Casey, Wash.....	WZJ	1090.....	O	X	Do.
Fort Caswell, N. C.....	WUT	825.....	O	X	Do.
Fort Clark, Tex. (Brackettsville).....	WZB	674.....	O	X	Do.
Fort Constitution, N. H.....	WZE	1300.....	O	X	Do.
Fort Crockett, Tex.....	WUX	1090.....	O	X	Do.
Fort Dade, Fla.....	WZK	825.....	O	X	Do.
Fort D. A. Russell, Wyo.....	WVW	1412.....	O	X	Do.
Fort De Lesseps, C. Z.....	WUCG	400.....	O	X	Do.
Fort Douglas, Utah.....	WVX	2725.....	O	X	Do.
Fort Drum, P. I. (El Fraile I.).....	WUAL	825.....	O	X	Do.
Fort Du Pont, Del.....	WZN	300, 825.....	O	X	Do.
Fort Egbert, Alaska.....	WVC	550, 575, 600, 630	FX	(12)	Do.
Fort Ethan Allen, Vt.....	WUAI	1090.....	O	X	Do.
Fort Frank, P. I. (Carabao I.).....	WVL	500.....	O	(12)	Do.
Fort Gibbon, Alaska.....	WVD	1100, 1275, 1875, 2200	FX	(12)	Do.
Fort Hancock, N. J.....	WUB	1091.....	O	X	Do.
Fort Hayes, Ohio (Columbus).....	WVZ	1412.....	O	X	Do.
Fort H. G. Wright, N. Y.....	WUC	1100.....	O	X	Do.
Fort Howard, Md.....	WVQ	1349.....	O	(2)	Do.
Fort Huachuca, Ariz.....	WZP	1318.....	O	X	Do.
Fort John Hay, P. I.....	WUCB	600, 975, 1200, 1800	O	X	Do.
Fort Leavenworth, Kans.....	WUD	952, 2855.....	O	X	Do.
Fort Levett, Maine.....	WUE	1300.....	O	X	Do.
Fort McArthur, Calif.....	WUCK	1304.....	O	X	Do.
Fort McIntosh, Tex. (Laredo).....	WUH	1364.....	O	X	Do.
Fort McKinley, Oreg. (Portland).....	WUCV	.....	O	.....	Do.
Fort McPherson, Ga.....	WVR	1319, 2552....	O	(2)	Do.
Fort Mills, P. I.....	WUAG	600, 1240.....	O	X	Do.
Fort Mills, P. I. (Corregidor I.).....	WVN	1240.....	O	X	Do.
Fort Monroe, Va.....	WUF	674.....	O	X	Do.
Fort Morgan, Ala.....	WUR	1090.....	O	X	Do.

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

Station.	Call signal.	Wave lengths.	Serv-ice.	Hours.	Station controlled by—
Fort Moultrie, S. C.	WZF	1090.	O	X	U. S. Army.
Fort Omaha, Nebr.	WVU	1334.	O	X	Do.
Fort Randolph, C. Z.	WUCI	400.	O	X	Do.
Fort Riley, Kans.	WUI	1091.	O	X	Do.
Fort Ringgold, Tex.	WZI	1091.	O	X	Do.
Fort Rodman, Mass.	WUCN	600.	O	X	Do.
Fort Rosecrans, Calif.	WUS	1090.	O	X	Do.
Fort Sam Houston, Tex.	WUJ	5200.	O	X	Do.
Fort San Jacinto, Tex.	WUY	825.	O	X	Do.
Fort Screven, Ga.	WZA	825.	O	X	Do.
Fort Sherman, C. Z.	WUCH	400.	O	X	Do.
Fort Sill, Okla.	WUBD	1537.	O	X	Do.
Fort Snelling, Minn.	WZS		O	(7)	Do.
Fort Stevens, Oreg.	NZS	800.	RC	N	U. S. Navy.
Fort Stevens, Oreg.	WUK	1091.	O	X	U. S. Army.
Fort St. Michael, Alaska.	WVE	450, 525, 550, 600	PG	(4)	Do.
Fort Storey, Va.	WZZ	1100.	O	X	Do.
Fort Terry, N. Y.	WUW	1100.	O	X	Do.
Fort Totten, N. Y.	WUL	1091.	O	X	Do.
Fort Travis, Tex.	WXP	825.	O	X	Do.
Fort Washington, Md.	WXG	825, 1200.	O	X	Do.
Fort Whitman, Wash.	WZC	1091.	O	X	Do.
Fort Williams, Me.	WUCU	475, 525, 600, 825	O	X	Do.
Fort Winfield Scott, Calif.	WUO	1091.	O	X	Do.
Fort Wint, P. I. (Grande Island)	WUAK	1200.	O	X	Do.
Fort Worden, Wash.	WUN	1091.	O	X	Do.
Fort Yukon, Alaska.	WXX	600, 1000.	FX	(10)	Do.
Fourth Cliff, Mass.	NAD	800.	RC	N	U. S. Navy.
Frying Pan Shoals (Cristobal).	WYP	1500.	O	(7)	U. S. Army.
Frying Pan Shoals Light Vessel.	NLC	300, 600.	O	(2)	Bureau of Lighthouses.
Galveston, Tex.	NKB	600, 975, 1813.	PG	N	U. S. Navy.
Gloucester, Mass.	NAD	800.	RC	N	Do.
Governors Island, N. Y.	WVP	1334.	O	(11)	U. S. Army.
Grand Marais, Mich.	NZT	800.	RC	N	U. S. Navy.
Great Lakes, Ill.	NAJ	600, 1988, 3400, 5800, 5950, 4650	PG	N	Do.
Guam, Guam I.	NPN	600, 975, 2250, 2400, 3950, 5950, 9145, 11500, 15900	PG	N	Do.
Guantanamo, Cuba.	NAW	150, 600, 975, 1870, 2400, 3950, 4525, 600, 756, 982	PG	N	Do.
Heald Bank Light Vessel.	NLP	300, 378, 476, 600, 756, 982	(1)	(2)	Bureau of Lighthouses.
Heeia Point, Hawaii (see Honolulu).					
Hempstead, N. Y. (Hazelhurst Field).	WVU	3407, 3998.	O	X	Post Office Department.
Hilo, Hawaii.	NPH	507.	O	N	U. S. Navy.
Hog Island, Va.	NCZ	800.	RC	N	Do.
Holy Cross, Alaska.	WVK	450, 510, 525, 550	FX	(2)	U. S. Army.
Honolulu, Hawaii (Heeia Point).	NPM	600, 975, 2250, 2400, 2650, 3950, 4800, 7900, 8875, 680	O	N	U. S. Navy.
Honolulu, Hawaii (Pearl Harbor).	NPM	600, 975, 2250, 9145, 9800, 11500	PG	N	Do.
Hot Springs, Alaska.	WVK	425, 440, 560, 680	O	X	U. S. Army.
Iditarod, Alaska.	WXL	425, 510, 580, 600	FX	(15)	Do.
Imperial Beach, Calif.	NPL	800.	RC	N	U. S. Navy.
Indian Head, Md.	NBG	365.	O	N	Do.
Inglewood, Calif.	NPX	365, 600, 975, 1851, 2400, 2750, 3950, 4525	O	N	Do.
Iowa City, Iowa.	KDTS	3369, 3998.	O	X	Post Office Department.
Jefferson Barracks, Mo.	WVV	1395.	O	X	U. S. Army.
Juneau, Alaska.	NVD	600, 975, 2250.	PG	N	U. S. Navy.
Jupiter, Fla.	NAQ	800.	RC	N	Do.
Jupiter, Fla.	NAQ	600, 975, 1305.	O	N	Do.
Kelly Field, Tex. (San Antonio).	WYG	1500.	O	(7)	U. S. Army.
Ketchikan, Alaska.	NVH	600, 975, 1870, 2400, 4525, 6000	PG	N	U. S. Navy.

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

Station.	Call signal.	Wave lengths.	Serv-ice.	Hours.	Station controlled by—
Key West, Fla.....	NAR	600, 975, 1451, 2250, 2400, 3960, 5700	PG	N	U. S. Navy.
Key West, Fla.....	NAR	800.....	RC	N	Do.
Key West, Fla.....	WUBV	800.....	O	X	U. S. Army.
Kindley Field, P. I. (Corregidor).....	WYR	1500.....	O	(?)	Do.
Kodiak, Alaska.....	NPS	600, 975, 1688.	PG	N	U. S. Navy.
Lakehurst, N. J.....	NEL	507.....	O	N	Do.
Lakehurst, N. J.....	NEL	800.....	RC	N	Do.
Langin Field, W. Va. (Moundsville).....	WYI	1500.....	O	(?)	U. S. Army.
Langley Field, Va. (Hampton).....	WYC	1500.....	O	(?)	Do.
La Palma, Panama.....	NNW	600, 1815.	PG	N	U. S. Navy.
Livegood, Alaska.....	WUV	520.....	FX	(18)	U. S. Army.
Luke Field, Hawaii (Pearl Harbor).....	WYQ	1500.....	O	(?)	Do.
Managua, Nicaragua.....	NAZ	600, 975, 1832.	O	N	U. S. Navy.
Manasquan, N. J.....	NAH	800.....	RC	N	Do.
Manila, P. I.....	WUAJ	600.....	O	X	U. S. Army.
Marshfield, Oreg.....	NPF	600, 975, 1948.	O	N	U. S. Navy.
Maxwell, Ala.....	WYK	1500.....	O	(?)	U. S. Army.
Maywood, Ill.....	KDQA	3569, 3998.....	O	X	Post Office Department.
McGrath, Alaska.....	WXV	450, 500, 550, 600	FX	(17)	U. S. Army.
Mitchell Field, N. Y. (Mineola).....	WYA	1500.....	O	X	Do.
Morehead City, N. C.....	NAN	600, 975, 1654.	PG	N	U. S. Navy.
Nantucket Shoals Light Vessel.....	NLA	600.....	(1)	(2)	Bureau of Lighthouses.
Naval Academy, Md. (see Annapolis).....					
Navassa Island, W. I.....	NKC	365, 600.....	PG	N	U. S. Navy.
New Dungeness, Wash.....	NFT	800.....	RC	(9)	Do.
New Orleans, La.....	NAT	600, 975, 2400, 2600, 3960, 6300	O	N	Do.
Newport, R. I.....	NAF	150, 975, 2600.	O	N	Do.
New York, N. Y.....	NAH	150, 600, 975, 1540, 2400	O	N	Do.
Nome, Alaska.....	WVG	510, 550, 575, 600, 3000, 3500, 4000, 5000	PG	N	U. S. Army.
Noorvik, Alaska.....	WVM	425, 475, 520, 550, 600	PG	(18)	Do.
Norfolk, Va.....	NAM	150, 600, 975, 1360, 2400, 3960, 5450	PG	N	U. S. Navy.
North East End Light Vessel.....	NARS	300, 600, 952.....	(1)	(2)	Bureau of Lighthouses.
North Head, Wash.....	NPE	630, 975, 2720, 4520, 5000	O	N	U. S. Navy.
North Island, S. C.....	NZW	800.....	RC	N	Do.
North Platte, Nebr.....	KDHM	3486, 3998.....	O	(19)	Post Office Department.
North Truro, Mass.....	NAE	800.....	RC	N	U. S. Navy.
Nulato, Alaska.....	WVH	655, 660, 730, 760	FX	(20)	U. S. Army.
Ocean Park, Wash.....	NZS	800.....	RC	N	U. S. Navy.
Ofu, Samoa.....	NGX	300, 600.....	PG	N	Do.
Olongapo, P. I.....	NPT	600, 975, 1908.	O	N	Do.
Omaha, Nebr.....	KDEF	3224, 3998.....	O	(18)	Post Office Department.
Parris Island, S. C.....	NAV	365, 600.....	PG	N	U. S. Navy.
Pearl Harbor, Hawaii (see Honolulu).....					
Pekin, China.....	NPP	975, 1908, 3960, 4525	O	N	Do.
Pensacola, Fla.....	NAS	607, 600, 975, 1330	PG	N	Do.
Pensacola, Fla.....	NAS	800.....	RC	N	Do.
Philadelphia, Pa.....	NAI	600, 975, 1300.	O	N	Do.
Point Arguello, Calif.....	NPK	800.....	RC	N	Do.
Point Fermin, Calif.....	NPX	800.....	RC	N	Do.
Point Hueneme, Calif.....	NMD	800.....	RC	N	Do.
Point Isabel, Tex.....	NAY	600, 975, 1988, 2250, 2400, 3960, 5000	O	N	Do.
Point Loma, Calif.....	NPL	800.....	RC	N	Do.
Point Montara, Calif.....	NLH	800.....	RC	N	Do.
Point Reyes, Calif.....	NLG	800.....	RC	N	Do.
Port au Prince, Haiti.....	NSC	600, 975, 2250, 2400, 3825, 3960	PG	N	Do.
Port Eads, La.....	NBX	800.....	RC	N	Do.
Port Eads, La.....	WZH	600, 1100.....	O	X	U. S. Army.
Portland, Me.....	NAB	600, 1620.....	O	N	U. S. Navy.
Portsmouth, N. H.....	NAC	600, 975, 1395.	O	N	Do.

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

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Poyners Hill, N. C.	NCZ	800	RC	N	U. S. Navy.
Prices Neck, R. I.	NAF	800	RC	N	Do.
Puerto Obaldia, Panama.	NRK	600, 1988	PG	N	Do.
Puget Sound, Wash. (Bremerton).	NPC	600, 975, 1988, 3950, 5450, 7100, 7600, 7900	PG	N	Do.
Quantico, Va.	NFV	607, 600	O	N	Do.
Relief (light vessel).	NACD		(1)	(2)	Bureau of Lighthouses.
Relief (light vessel).	NADEB		(1)	(2)	Do.
Relief (light vessel).	NITR	300, 378, 476, 600, 756, 952	(1)	(2)	Do.
Relief (light vessel).	NITS	300, 378, 476, 600, 756, 952	(1)	(2)	Do.
Relief (light vessel).	NAJC	300, 600	(1)	(2)	Do.
Reno, Nev.	KDEK	3784, 3998	O	(2)	Post Office Department.
Rock Springs, Wyo.	KDHN	3156, 3998	O	(2)	Do.
Rockwell Field, Calif. (Coronado).	WYH	1500	O	(1)	U. S. Army.
Ruby, Alaska.	WVF	325, 450, 520, 600	O	X	Do.
St. Augustine, Fla.	NAP	600, 975, 2100	PG	(2)	U. S. Navy.
St. Croix, V. I.	NNT	450, 600	PG	N	Do.
St. George, Alaska.	NPY	600, 675	PG	N	Do.
St. Michael, Alaska (see Fort St. Michael).					
St. Paul, Alaska	NPQ	600, 975, 2650, 3950, 5700	PG	N	Do.
St. Thomas, V. I.	NBB	600, 975, 1688	PG	N	Do.
Salt Lake City, Utah.	KDEH	3258, 3998	O	(2)	Post Office Department.
San Diego, Calif.	NPL	600, 975, 1988, 2400, 3950, 5200, 9800	PG	N	U. S. Navy.
San Domingo City, D. R.	NJG	600	PG	N	Do.
Sandy Hook, N. J.	NAH	800	RC	N	Do.
San Francisco, Calif. (receiving only).	KDQC		O		Post Office Department.
San Francisco, Calif.	NPG	150, 600, 975, 1330, 2400, 2900, 3950, 4650, 4800, 10500	O	N	U. S. Navy.
San Francisco, Calif. Light Vessel.	NAKS	600, 756	(1)	(2)	Bureau of Lighthouses.
San Francisco, Calif. (Presidio of San Francisco).	WVY	1349	O	X	U. S. Army.
San Juan, P. R.	NAU	600, 975, 2400, 2750, 3950, 5200, 8875, 9145, 10110	PG	N	U. S. Navy.
San Pedro, Calif.	NPX	150	O	N	Do.
Savannah, Ga.	NEV	600, 1813	PG	N	Do.
Scott Field, Ill. (Belleville).	WYF	952	O	(1)	U. S. Army.
Seattle, Wash.	NVL	600, 1988, 2400	PG	N	U. S. Navy.
Selfridge Field, Mich. (Mt. Clemens).	WYE	1500	O	(1)	U. S. Army.
Seward, Alaska.	NPV	600, 1908	PG	N	U. S. Navy.
Shanghai, China (American consulate, receiving only).	NPJ	Variable	O	X	Do.
Sitka, Alaska.	NPB	600, 975, 2400, 2650, 3950, 4800	PG	N	Do.
Smith Island, Wash.	NFH	800	RC	(2)	Do.
Soapstone Point, Alaska.	NUW	800	RC	N	Do.
South Pass, La.	NBX	800	RC	N	Do.
Surfside, Mass.	NBS	800	RC	N	Do.
Swifsure Bank Light Vessel.	NABT	300, 600	(1)	(2)	Bureau of Lighthouses.
Tatoosh, Wash.	NPD	600, 975, 1654	PG	N	U. S. Navy.
Tatoosh, Wash.	NPD	800	RC	N	Do.
Tau, Samoa.	NCM	300, 600	PG	N	Do.
Tientsin, China.	WUQ	600, 1000	O	X	U. S. Army.
Tutuila, Samoa.	NPU	600, 975, 2250, 2400, 3950, 4525	PG	N	U. S. Navy.
Tybee Island, Ga.	NEV	800	RC	N	Do.
Umatilla Reef Light Vessel.	NACV	300, 600	(1)	(2)	Bureau of Lighthouses.
Valdez, Alaska.	WXJ	1000, 1100, 1200, 1500	O	X	U. S. Army.
Virginia Beach, Va.	NAM	507	O	N	U. S. Navy.
Virginia Beach, Va.	NCZ	800	RC	N	Do.
Washington, D. C. (Arlington, Va.).	NAA	2650, 3950, 5950	PG	N	Do.
Washington, D. C. (navy yard).	NAL	2650, 5950	O	N	Do.
Washington, D. C. (Sayville).	NDD	10510	O	N	Do.

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

Station.	Call signal.	Wave lengths.	Serv-ice.	Hours.	Station controlled by—
Washington, D. C. (Bureau of Standards).	N8J	.....	O	X	U. S. Navy.
Washington, D. C. (Annapolis, Md.)..	N88	17145.....	O	N	Do.
Washington, D. C. (Bureau of Standards).	WVW	.....	O	X	Department of Commerce.
Washington, D. C.....	WVX	3656, 3698.....	O	(²²)	Post Office Department.
Washington, D. C.....	WXY	1338, 2908.....	O	N	U. S. Army.
West Memphis, Ark.....	WYCY	300, 600, 700.....	O	X	Do.
West Point, N. Y.....	WUAH	1091.....	O	X	Do.
Whitefish Point, Mich.....	NZT	800.....	RC	N	U. S. Navy.
Winter Quarter Shoals Light Vessel...	NADT	300, 600, 952..	(¹)	(²)	Bureau of Lighthouses.

¹ The station is open to relaying public correspondence in emergencies.

² First 15 minutes every hour between 8 a. m. and 9.15 p. m

³ 8 to 10 p. m. daily; 9 to 10 a. m. Sunday.

⁴ 8 to 12 a. m., 1 to 5 p. m.

⁵ 9 a. m. to 7 p. m.

⁶ Midnight to 2 a. m., 4 to 6 a. m., 4 to 6 p. m., 8 to 10 p. m

⁷ 7 a. m. to 7 p. m.

⁸ 3 a. m. to 7 p. m.

⁹ 7.30 a. m. to 7.30 p. m.

¹⁰ 7.30 a. m. to 5 p. m.

¹¹ 8 a. m. to 8 p. m.

¹² 7.30 a. m. to 6 p. m.

¹³ 8 a. m. to 5 p. m.

¹⁴ 8 a. m. to 7 p. m.

¹⁵ 8.30 a. m. to 7.15 p. m

¹⁶ 9 a. m. to 8 p. m.

¹⁷ 8 a. m. to 6 p. m.

¹⁸ 8 a. m. to 7.30 p. m.

¹⁹ 4 a. m. to 8 p. m.

²⁰ 8 a. m. to 9 p. m.

²¹ 2 a. m. to 6 p. m.

²² 8 a. m. to 11 p. m.

²³ 7 a. m. to 9 p. m.

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	B. M. Harrod	WYCI	Clemson	NEZT
Abarenda	NOB	Bobolink	NIJZ	Cleveland	NDM
Abbot	NEZS	Boggs	NAMT	Coghlan	NUPK
Abel P. Upshur	NUJD	Boreas	NAIM	Cole	NEST
Acushnet (C. G. C.)	NRU	Borne	NULL	Colhoun	NAJL
Ajax	NAKD	Boston	NGC	Colonel George Armistead	WYAG
Albany	NBJ	Boxer (Bureau of Education)	NIQM	Colonel George F. E. Harrison	WYBE
Alden	NULK	Branch	NEML	Colorado	NECR
Alexander Hamilton (C. G. C.)	NIVS	Brant	NAFF	Columbine (L. H. T.)	NLL
Algonquin (C. G. C.)	NRA	Brazos	NIFK	Comanche (C. G. C.)	NRW
Algoma	NEVP	Breck	NULZ	Comfort	NDO
Allegheny	NACZ	Breckinridge	NERZ	Commodore	NLE
Allen	NJD	Breese	NESM	Concord	NIRV
Altair	NURJ	Bridge	NOI	Connecticut	NDQ
Amaranth (L. H. T.)	NAPT	Bridgeport	NGR	Conner	N8N
Ammen	NBP	Brooks	NEZX	Constellation	NEDF
Amneme (L. H. T.)	NABP	Broome	NEPF	Constitution	NEBF
Annapolis	NBR	Bruce	NEPS	Contocook	NELR
Antares	NATB	Buchanan	NEQS	Converse	NAPM
Anthony	NEVS	Buffalo	NCU	Conyngham	NJE
Apache (C. G. C.)	NACB	Bulmer	NUPN	Cormorant	NIKV
Apo	NUDP	Burns	NAFS	Corry	NUQZ
Aramis	NARP	Burrows	NCV	Cowell	NETV
Arapho	NSP	Bush	NETT	Crane	NIFB
Arbutus (L. H. T.)	NAGM	Bushnell	NZC	Craven	NERJ
Arcata (C. G. C.)	NADD	Cahokia (C. G. C.)	NIIV	Crosby	NESZ
Arctic	NAFR	Caldwell	NSI	Crowninshield	NADF
Arethusa	NBU	California	NDF	Cuba	WYCA
Argonne	NI8X	Cambrai	WXA	Cumberland	N8Z
Arizona	NBW	Camden	NAPR	Cummings	NIL
Arkansas	NBV	Canopus	NIRX	Curacoa	NAGQ
Aroostook	NMK	Capella	NAZK	Curlew	NIJB
Asheville	NELV	Captain Charles W. Rowell	WYAI	Cushing	NIM
Aulick	NERG	Captain Clarence M. Condon	WYBY	Cuyama	NOD
Avocet	NADP	Captain Edward P. Nones	WYBP	Cyan	NIFV
Aylin	NIH	Captain Fred L. Perry	WYBN	Cygan (C. G. C.)	NI1P
Azalea (L. H. T.)	NXU	Captain Gregory Barrett	WYAP	Cypress (L. H. T.)	NLM
Babbitt	NEPX	Cardinal	WYAM	Dahlgren	NVZ
Bache (C. & G. S.)	NLK	Carrabasset	NAFN	Dale	NUND
Badger	NEPT	Case	NEVQ	Dallas	NENM
Bagdad	NAZP	Cassin	NUNX	Davis	NJF
Bagley	NVU	Cedar (L. H. T.)	NIW	Decatur	NUQV
Bailey	NCF	Celtic	NDB	Delaware	NEK
Bainbridge	NUQL	Champlin	NEKQ	Dellwood	WXB
Balch	NIH	Chandler	NAGL	Delphy	NEZQ
Ballard	NI1N	Charles Ausburne	NUPR	Denebola	NI1Z
Baltimore	NIGN	Charlotte	NFE	Dent	NEGF
Bancroft	NCH	Chase	NMUMK	Denver	NEM
Barker	NAJQ	Chatanooga	NGI	Des Moines	NEN
Barney	NUJK	Chaumont	NI8V	Despatch	NIDF
Barry	NVU	Chauncey	NIFP	Detroit	NISP
Bath	NUQP	Chester	NIDG	Dickerson	NAFC
Bayspring	NISZ	Chew	NEMZ	Discoverer	NIJT
Beale	NCL	Chewink	NIJH	Dobbins	NUMR
Bea (C. G. C.)	NRB	Cheyenne	NDH	Dorsey	NELQ
Beaufort	NGP	Childs	NULN	Downes	NI1N
Beaver	NEQQ	Cincinnati	NISN	Doyen	NUJS
Belknap	NEZZ	Claxton	NEQZ	Drayton	NET
Bell	NATG			Dreadnaught	NEX
Berham	NIH			Dubuque	NEU
Bernadou	NES8			Duncan	NIR
Biddle	NVW			Dupont	NWC
Billingsley	NUPQ			Dyer	NACN
Birmingham	NCN			Eagle 1	NEJB
Bittern	NIIR			Eagle 2	NEJC
Black Hawk	NAJD			Eagle 3	NEJD
Blakely	NVX				

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Eagle 4.	NEJF	Gamble.	NEZR	Hopewell.	NEXX
Eagle 5.	NEJG	Gannet.	NIJX	Hopkins.	NUQM
Eagle 6.	NEJJ	General Absalom		Housatonic.	NFX
Eagle 7.	NEJK	Baird.	WYBA	Hovey.	NEPB
Eagle 8.	NEJL	General Alava.	NAMG	Howard.	NIFM
Eagle 9.	NEJM	General A. M. Randall.	WYAJ	Hulbert.	NUKD
Eagle 10.	NEJN	General E. O. C. Ord.	WYAF	Hull.	NUQT
Eagle 11.	NEJP	General G. W. Getty.	WYAS	Humphreys.	NUKX
Eagle 12.	NEJQ	General J. Franklin		Hunt.	NUJF
Eagle 13.	NEJR	Bell.	WYBB	Huntington.	NWJG
Eagle 14.	NEJS	General J. M. Brannan	WZW	Huron.	NSX
Eagle 15.	NEJT	General John M.		Hyacinth (L. H. T.).	NAGV
Eagle 18.	NEJZ	Schofield.	WXW	Idaho.	NHN
Eagle 19.	NEKB	General Miffin.	WXZ	Illinois.	NHO
Eagle 23.	NEKG	General Nathaniel		Illinois (U. S. Army).	WYAX
Eagle 24.	NEKJ	Greene.	WZR	Indiana.	NIRS
Eagle 26.	NEXF	General R. H. Jackson.	WYAW	Ingraham.	NENX
Eagle 27.	NEXG	General Richard		Inspector.	WYCB
Eagle 28.	NEXM	Arnold.	WYAY	Intrepid.	NFY
Eagle 29.	NEXN	General R. N.		Iota.	WYCF
Eagle 32.	NEZJ	Batchelder.	WZW	Iowa.	NIRP
Eagle 33.	NIBB	General Robert		Iroquois.	NHV
Eagle 34.	NIBD	Anderson.	WYAH	Isabel.	NHF
Eagle 35.	NIBG	General Royal T.		Isherwood.	NUNV
Eagle 36.	NIBK	Frank.	WYAA	Israel.	NENG
Eagle 37.	NIBM	General S. M. Mills.	WYAB	Iuka.	NEVR
Eagle 38.	NIBN	General Timothy		Ivy (L. H. T.).	NAKV
Eagle 39.	NIBC	Pickering.	WZQ	Jacob Jones.	NEPZ
Eagle 40.	NIBF	General William M.		James K. Paulding.	NUJM
Eagle 41.	NIBJ	Graham.	WYBD	Jarvis.	NIB
Eagle 42.	NIBL	George E. Badger.	NUJG	Jason.	NNB
Eagle 43.	NIBP	Georgia.	NGF	J. D. Long.	NEPD
Eagle 44.	NIBQ	Gillis.	NERR	Jenkins.	NID
Eagle 45.	NIBR	Gilmer.	NERB	J. Fred Talbot.	NIGR
Eagle 46.	NIBS	Goff.	NUQF	John D. Edwards.	NUPC
Eagle 47.	NIBT	Goldborough.	NGJ	John Francis Burnes.	NIGQ
Eagle 48.	NIBV	Gold Star.	NASJ	Joseph Henry.	WXT
Eagle 49.	NIBX	Grant.	WXH	Jouett.	NIE
Eagle 50.	NIBZ	Grebe.	NIKX	Jupiter.	WYCF
Eagle 51.	NICB	Greene.	NIGM	K-1.	NYF
Eagle 52.	NICC	Greer.	NERT	K-2.	NYG
Eagle 53.	NICD	Gregory.	NAJR	K-3.	NYH
Eagle 54.	NICF	Gresham (C. G. C.).	NRG	K-4.	NYI
Eagle 55.	NICG	Gridley.	NEMX	K-5.	NYJ
Eagle 56.	NICJ	Gulde (C. & G. S.).	NIJN	K-6.	NYK
Eagle 57.	NICK	Gwin.	NAQX	K-7.	NYL
Eagle 58.	NICL	H-2.	NYD	K-8.	NYM
Eagle 59.	NICM	H-3.	NYE	Kalk.	NIGD
Eagle 60.	NICN	H-4.	NEQM	Kalmia.	NAZS
Edsall.	NUPM	H-5.	NETG	Kanawha.	NND
Edwards.	NIGL	H-6.	NEFC	Kane.	NULM
Elder.	NIKR	H-7.	NESJ	Kankakee (C. G. C.).	NUMZ
Elder (Bureau of Fish-		H-8.	NELN	Kansas.	NIO
eries).	NURK	H-9.	NEBV	Kappa.	WYCG
El Cano.	NFD	Haida (C. G. C.).	NITF	Kaweah.	NUGK
Elliott.	NERV	Hale.	NACL	Kearsarge.	NIP
Ellis.	NIFD	Hamilton.	NIFL	Kennedy.	NAZM
Ericsson.	NIS	Hancock.	NHI	Kennison.	NEQX
Evans.	NEMS	Hannibal.	NGU	Kentucky.	NIQ
Explorer (C. & G. S.).	NAV M	Haraden.	NEXZ	Keosauqua.	NEXC
Fairfax.	NTN	Harbor Tug No. 61.	NUMX	Kewaydin.	NAXN
Falcon.	NEKN	Harbor Tug No. 67.	NULG	Kickapoo (C. G. C.).	NITX
Fanning.	NFM	Harding.	NEMV	Kidder.	NUJX
Farenholt.	NECK	Hart.	NENV	Kilkenny.	KKI
Farquhar.	NANZ	Hartford.	NGV	Kilty.	NAKX
Farragut.	NVS	Hatfield.	NEZV	Kimberly.	NADD
Fathomer (C. & G. S.).	NESR	Hazelwood.	NENS	King.	NULP
Fern (L. H. T.).	NAFV	Heather (L. H. T.).	NAKL	Kingfisher.	NALP
Finch.	NAJP	Helena.	NGY	Kittery.	NHW
Florida.	NFR	Henderson.	NOH	Koka.	NETZ
Flusser.	NUNF	Henry.	NHA	Kukul (L. H. T.).	NLF
Foote.	NWF	Henry Flad.	WYCH	L-2.	NYO
Ford.	NUQJ	Henshaw.	NUJQ	L-3.	NYP
Fortune.	NEGS	Herbert.	NEMJ	L-5.	NYR
Fox.	NWJ	Hercules.	NEKR	L-6.	NYS
Frederick.	NJS	Herndon.	NENJ	L-7.	NYT
Fuller.	NIFG	Heron.	NENL	L-8.	NYU
Fulton.	NZD	Hibiscus (L. H. T.).	NAKN	L-9.	NYV
Galveston.	NGD	Hogan.	NEXT	L-11.	NYX
Gama.	WYCE	Holland.	NIRM	Lamberton.	NAZZ

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Lamson.....	NUNC	Melvin.....	NURC	Onondaga (C. G. C.)..	NRO
Langley.....	NNEC	Memphis.....	NIBS	Ontario.....	NTA
Lansdale.....	NERL	Mercy.....	NKK	Orchid (L. H. T.)....	NLT
Lapwing.....	NALC	Meredith.....	NETS	Oregon.....	NMZ
Laramie.....	NUGL	Merritt.....	WXI	Orlolo.....	NEVM
Lardner.....	NUFF	Mervine.....	NUMJ	Orion.....	NOC
Lark.....	NIJK	Mexican.....	NAMC	Ortolan.....	NIEC
Larkspur (L. H. T.)..	NAMB	Meyer.....	NUJR	Osborne.....	NUQC
Laub.....	NIGJ	Michigan.....	NJZ	Oseola.....	NOA
La Vallette.....	NUJT	Milwaukee.....	NISM	Osmond Ingram.....	NIGF
Lawrence.....	NUQQ	Minnesota.....	NKD	Ossipee (C. G. C.)...	NRJ
Lea.....	NETF	Mississippi.....	NKE	Overton.....	NUJN
Leary.....	NAFL	Missoula.....	NKM	Owl.....	NACS
Lexington.....	NEDB	Modoc (C. G. C.)....	NIVD	Paducah.....	NOG
Lt. Col. Herman C. Schurman.....	WYBS	Mohave.....	NTO	Palmer.....	NECV
Lilac (L. H. T.).....	NUCF	Mohawk.....	NUFB	Palos.....	NOS
Litchfield.....	NUMM	Mojave (C. G. C.)....	NIXB	Pamlico (C. G. C.)....	NRR
Little.....	NRT	Monadnock.....	NHD	Pampanga.....	NQT
Louisiana.....	NJB	Monaghan.....	NKL	Panther.....	NQJ
Luce.....	NEGD	Monocacy.....	NQQ	Parker.....	NIK
Ludlow.....	NENZ	Montana.....	NISJ	Parrott.....	NIUPD
Lydonia (C. & G. S.)..	NDR	Montcalm.....	NEQF	Partridge.....	NIUG
Lykens.....	NALK	Montgomery.....	NAJX	Patapasco.....	NOL
MacDonough.....	NQQR	Moody.....	NULT	Pathfinder (C. & G. S.)..	NLIJ
Machias.....	NQL	Morgan-Lewis.....	WXQ	Patoka.....	NUGN
MacKenzie.....	NEVX	Morrill (C. G. C.)....	NXC	Patterson.....	NOK
MacKinnac (C. G. C.)..	NUGD	Morris.....	NWS	Patuxent.....	NOM
MacLeish.....	NUPT	Murford.....	NEXR	Paulding.....	NON
Maddox.....	NETX	Mullary.....	NUML	Paul Hamilton.....	NAQN
Madrono (L. H. T.)..	NAMV	Murray.....	NAXK	Paul Jones.....	NUQN
Magnolia (L. H. T.)..	NAPS	N-1.....	NZE	Pawtucket.....	NUJ
Mahan.....	NEQK	N-2.....	NZF	Peacock.....	NIKD
Mahopac.....	NETD	N-3.....	NZG	Peary.....	NUQD
Major Albert G. Forse.	WYAQ	Nansemond.....	NITL	Pecos.....	NIHQ
Major Albert G. Jenkins.....	WYBV	Nantucket.....	NFU	Pelican.....	NEFK
Major Evan Thomas.....	WYAO	Napa.....	NEVC	Penguin.....	NECT
Major William P. Pence.....	WYBW	Navajo.....	NKZ	Pennsylvania.....	NCE
Mallard.....	NIKB	Navesink.....	WXU	Penobscot.....	NOE
Mangrove.....	NANV	Nebraska.....	NMA	Pensacola.....	NGN
Manhattan (C. G. C.)..	NEKZ	Neches.....	NIFF	Pentucket.....	NUL
Manley.....	NSH	Neptune.....	NMS	Pequot.....	NIUJ
Manning (C. G. C.)....	NRN	Nereus.....	NNF	Percival.....	NIUJ
Mansfield (Bureau of Fisheries).....	NUMV	Nevada.....	NCA	Perkins.....	NOX
Manzanita (L. H. T.)..	NIU	New Hampshire.....	NME	Perry.....	NUQS
Maple (L. H. T.).....	NAPV	New Jersey.....	NMF	Philip.....	NEDG
Marblehead.....	NIIR	New Mexico.....	NQW	Pigeon.....	NIKF
Marcus.....	NUMG	New Orleans.....	NMG	Pillsbury.....	NUQG
Marigold (L. H. T.)..	NAQV	Newport.....	NMH	Pinola.....	NEVL
Marinduque (C. & G. S.)..	NIGV	Newport News.....	NEZ	Pioneer (C. & G. S.)..	NIUL
Mars.....	NJR	New York.....	NCC	Piscataqua.....	NAQO
Maryland.....	NARC	Niagara.....	NABC	Pittsburgh.....	NOT
Mascoutin (C. G. C.)..	NIVP	Nicholas.....	NUNZ	Pope.....	NUQB
Mason.....	NAGG	Nicholson.....	NIU	Porter.....	NOO
Massachusetts.....	NIRQ	Nitro.....	NELL	Prarie.....	NQM
Mattole.....	NUGM	Noa.....	NUKF	Preble.....	NUNG
Maumee.....	NNE	Nokomis.....	NAMM	President (P. O. Dept.).....	NURL
Mauzy.....	NEPG	North Carolina.....	NISK	Preston.....	NUJN
Mayflower (President's yacht).....	NJV	North Dakota.....	NMO	Procyon.....	NURF
Mayflower (L. H. T.)..	NZQ	O-1.....	NEXJ	Prometheus.....	NOR
Mayrant.....	NJU	O-2.....	NETJ	Proteus.....	NNG
McCall.....	NJW	O-3.....	NAMR	Pruitt.....	NUFV
McCalla.....	NIGC	O-4.....	NAMX	Pueblo.....	NDN
McCawley.....	NULS	O-5.....	NAMZ	Putnam.....	NUPG
McCook.....	NIGB	O-6.....	NANB	Pyro.....	NELK
McCormick.....	NUFZ	O-7.....	NANC	Quail.....	NIKQ
McDermut.....	NIGG	O-8.....	NAND	Quiros.....	NOZ
McDougal.....	NIT	O-9.....	NAGB	R-1.....	NIIC
McFarland.....	NETB	O-10.....	NAXT	R-2.....	NILD
McKean.....	NEMT	O-11.....	NETK	R-3.....	NIJF
McKee.....	NACQ	O-12.....	NETL	R-4.....	NILG
McLanahan.....	NIGK	O-13.....	NEZN	R-5.....	NIJL
Meade.....	NEBJ	O-14.....	NEVD	R-6.....	NILK
Medusa.....	NEMC	O-15.....	NAXS	R-7.....	NILL
Meigs.....	WXD	O-16.....	NASM	R-8.....	NITM
Melville.....	NKA	O'Bannon.....	NEXS	R-9.....	NITN
		O'Brien.....	NIV	R-10.....	NILP
		Ohio.....	NMW	R-11.....	NILO
		Oil Barge No. 9.....	NEQL	R-12.....	NITL
		Oklahoma.....	NGB	R-13.....	NILS
		Olympia.....	NGG	R-14.....	NILT
		Omaha.....	NISL		

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
R-15.....	NASV	S-34.....	NIPC	Selfridge.....	NUJZ
R-16.....	NASX	S-35.....	NIPD	Seminole (C. G. C.)...	NRS
R-17.....	NAFX	S-36.....	NIPF	Semmes.....	NAFZ
R-18.....	NEGC	S-37.....	NIPG	Seneca (C. G. C.).....	NRE
R-19.....	NEGK	S-38.....	NIPJ	Sepulga.....	NUGT
R-20.....	NARZ	S-39.....	NLPK	Sequoia (L. H. T.).....	NLV
R-21.....	NILV	S-40.....	NIPL	Sharkey.....	NULV
R-22.....	NILX	S-41.....	NIPM	Shaw.....	NKU
R-23.....	NILZ	S-42.....	NIPN	Shawmut.....	NML
R-24.....	NIMB	S-43.....	NIPP	Shawnee (C. G. C.).....	NIZJ
R-25.....	NIMC	S-44.....	NIPQ	Shlrk.....	NUJV
R-26.....	NIMD	S-45.....	NIPR	Shubrick.....	NWU
R-27.....	NIMF	S-46.....	NIPS	Sicard.....	NUPL
Radford.....	NEXB	S-47.....	NIPT	Sigourney.....	NAJB
Rall.....	NAQJ	S-48.....	NIPV	Simpson.....	NUPX
Rainbow.....	NFZ	S-49.....	NIPX	Sinclair.....	NULR
Raleigh.....	NIRT	S-50.....	NIPZ	Sirtus.....	NUPP
Ramapo.....	NUGP	S-51.....	NIQK	Sloat.....	NUMD
Ramsay.....	NIFC	Sacramento.....	NQV	Slocum.....	WXS
Ranger (C. & G. S.).....	NUDG	Sagamore.....	NANX	Smith (C. G. C.).....	NIXG
Rapidan.....	NUQG	Saint Louis.....	NTF	Smith Thompson.....	NUJJ
Rappahannock.....	NJO	Salem.....	NTP	Snohomish (C. G. C.).....	NRF
Rathburne.....	NACR	Salinas.....	NUGR	Solace.....	NST
Redwing.....	NIKG	Samoset.....	NUU	Somers.....	NWV
Regulus.....	NASQ	Sampson.....	NKS	Somme.....	WXB
Reid.....	NUNK	Sanderling.....	NISB	Sonoma.....	NTG
Relief (Hospital Ship No. 1).....	NEPO	Sandpiper.....	NIKK	Sotoyomo.....	NECZ
Reno (Navy).....	NAMD	Sands.....	NULQ	Southard.....	NAJX
Reno (Army).....	WYAN	San Francisco.....	NTQ	South Bend.....	KEXQ
Renshaw.....	NEVZ	Sapelo.....	NUGS	South Carolina.....	NSW
Rueben James.....	NUNT	Sara Thompson.....	NEMD	South Dakota.....	NISG
Rhode Island.....	NTX	Saratoga.....	NELB	S. P. 179 (Privateer).....	NUDF
Richmond.....	NISQ	Satterlee.....	NAGC	S. P. 181 (Helori).....	NEFS
Rigel.....	NURG	Saukee (C. G. C.).....	NIVQ	S. P. 185 (Clarinda).....	NUFZ
Ringgold.....	NALT	Savannah.....	NGS	S. P. 1015 (Challenge).....	NEKS
Rizal.....	NEVV	S. C. 23.....	NOBQ	S. P. 1116 (Genesee).....	NKG
Roanoke.....	NHU	S. C. 57.....	NODF	S. P. 1149 (Barnett).....	NUFN
Robert L. Barnes.....	NAZZ	S. C. 63.....	NODN	S. P. 1161 (Francis B. Hackett).....	NTD
Robert Smith.....	NUKB	S. C. 64.....	NODP	S. P. 2047 (Moosehead).....	NAQM
Robin.....	NANQ	S. C. 102.....	NOGL	S. P. 2225 (Navigator).....	NECD
Robinson.....	NAJX	S. C. 106.....	NOGQ	Speedwell (L. H. T.).....	NIZF
Rochester.....	NTR	S. C. 143.....	NOKN	Spica.....	NURD
Rocket.....	NUT	S. C. 154.....	NOLC	S. P. Lee.....	NESB
Rodgers.....	NWT	S. C. 159.....	NOLK	Sprigg Carroll.....	WZU
Roe.....	NTZ	S. C. 185.....	NOMD	Sproston.....	NEVT
Roper.....	NERX	S. C. 186.....	NOMF	Spruce (L. H. T.).....	NIXD
Rose (L. H. T.).....	NASD	S. C. 188.....	NOMJ	Stansbury.....	NEXV
Rowan.....	NKR	S. C. 191.....	NOMM	Sterrett.....	NTB
S-1.....	NIMG	S. C. 192.....	NOMN	Stevens.....	NAPK
S-2.....	NIMJ	S. C. 210.....	NOMN	Stewart.....	NUNN
S-3.....	NIMK	S. C. 214.....	NONS	Stockton.....	NEO
S-4.....	NIML	S. C. 223.....	NOPF	Stoddert.....	NAJZ
S-6.....	NIMN	S. C. 224.....	NOPG	Stribbling.....	NAVS
S-7.....	NIMP	S. C. 229.....	NOPN	Stringham.....	NACP
S-8.....	NIMQ	S. C. 231.....	NOPQ	Sturgeon Bay.....	NITZ
S-9.....	NIMR	S. C. 271.....	NORS	Sturtevant.....	NUJP
S-10.....	NIMS	S. C. 287.....	NOSQ	Sumac (L. H. T.).....	NASG
S-11.....	NIMT	S. C. 306.....	NOTR	Sumner.....	NUQX
S-12.....	NIMV	S. C. 320.....	NOVC	Sunflower (L. H. T.).....	NUFM
S-13.....	NIMX	S. C. 326.....	NOVL	Sunnadin.....	NEVB
S-14.....	NIMZ	S. C. 328.....	NOVN	Surveyor (C. & G. S.).....	NQU
S-15.....	NINB	S. C. 330.....	NOVQ	Swallow.....	NEFL
S-16.....	NINC	S. C. 340.....	NOXF	Swan.....	NIJP
S-17.....	NIND	S. C. 341.....	NOXG	Swasey.....	NGWP
S-18.....	NINF	S. C. 353.....	NOXS	Sylph.....	NTL
S-19.....	NING	S. C. 412.....	NOZJ	T-1.....	NILB
S-20.....	NINJ	S. C. 419.....	NOZR	T-2.....	NABB
S-21.....	NINK	S. C. 432.....	NIQL	T-3.....	NABZ
S-22.....	NINL	S. C. 440.....	NIQV	Tacoma.....	NUA
S-23.....	NINM	San Pedro.....	WZZ	Tadousac.....	NAZQ
S-24.....	NINN	Santa Leonora.....	KIML	Talbot.....	NAFL
S-25.....	NINP	Saturn.....	WYCD	Tallapoosa (C. G. C.).....	NRV
S-26.....	NINQ	Shaw.....	NKU	Tamaroa (C. G. C.).....	NIVR
S-27.....	NINR	Schenck.....	NEMG	Tampa (C. G. C.).....	NITC
S-28.....	NINS	Schley.....	NKT	Tanager.....	NABS
S-29.....	NINT	Sciota.....	NEVK	Tarbell.....	NEZP
S-30.....	NINV	Scorpion.....	NTT	Tatnuck.....	NETQ
S-31.....	NINX	Seagull.....	NIJM	Tattnall.....	NEFS
S-32.....	NINZ	Seattle.....	NAPG	Taylor.....	NALR
S-33.....	NIPB	Sebago.....	NUV	Teal.....	NAPN

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

Ship.	Call signal.	Ship.	Call signal.	Ship.	Call signal.
Tennessee.....	NSE	Tuscarora (C. G. C.)..	NRL	Waters.....	NATT
Tern.....	NIKT	Twiggs.....	NEPV	Welborn C. Wood.....	NULJ
Terry.....	NUI	Umpqua.....	NATS	Welles.....	NAJZ
Texas.....	NCD	Unadilla.....	NEFT	Wenonah.....	NIJ
Thatcher.....	NESV	Unalga (C. G. C.).....	NRX	West Virginia.....	NEDJ
Thomas (Navy).....	NIFN	Undaunted.....	NNX	Wheeling.....	NWH
Thomas (Army).....	WXM	United States.....	NUNQ	Whipple.....	NUNL
Thompson.....	NAZC	Upshur.....	NER8	Whippoorwill.....	NIJQ
Thornton.....	NWX	Utah.....	NVE	Whitney.....	NIRL
Thrush.....	NIKS	V-1.....	NICQ	Wickes.....	NATJ
Tillman.....	NEQT	V-2.....	NICR	Widgeon.....	NAQF
Tingard (C. G. C.).....	NISB	V-3.....	NICS	Wilkes.....	NKQ
Tingey.....	NWY	V-4.....	NICT	Willet.....	NIKN
Tippecanoe.....	NUGV	V-5.....	NICV	William B. Preston.....	NUMQ
Topeka.....	NLY	V-6.....	NICX	William Jones.....	NARR
Torpedo Test Barge No. 1.....	NIFR	V-7.....	NICZ	Williams.....	NENT
Torpedo Test Barge No. 2.....	NIFS	V-8.....	NIDD	Williamson.....	NUNS
Torpedo Test Barge No. 3.....	NIFX	V-9.....	NIDJ	Wilmington.....	NWK
Torpedo Test Barge No. 4.....	NIFZ	Vaughan (C. G. C.)..	NITD	Winslow.....	NJA
Toucey.....	NULX	Vega.....	NAXM	Wolverine.....	NGW
Tracy.....	NUJL	Vermont.....	NVK	Wompatuck.....	NVJ
Traffic.....	NVA	Vestal.....	NMC	Wood.....	NUMF
Trenton.....	NISR	Villalobos.....	NVP	Woodbury.....	NATM
Trever.....	NUMP	Vireo.....	NIKL	Woodecock.....	NIKP
Trinity.....	NUGX	Virginia.....	NVR	Worden.....	NUNM
Trippe.....	NUQ	Vixen.....	NSU	Wright.....	NIRN
Triton.....	NVC	Vulcan.....	NVT	Wyoming.....	NWQ
Truxtun.....	NUQK	Wadsworth.....	NKW	Yacona.....	NJM
Tucker.....	NKV	Wainwright.....	NKX	Yamacraw (C. G. C.)..	NRV
Tulip (L. H. T.).....	NXX	Walke.....	NWL	Yarborough.....	NUMC
Tulsa.....	NIST	Walker.....	NESX	Yarnall.....	NIG8
Turkey.....	NIJF	Wandank.....	NARF	Yocona (C. G. C.).....	NUNB
Turner.....	NERQ	Warbler.....	NIKM	Young.....	NESG
		Ward.....	NAG8	Yukon.....	NAQD
		Warrington.....	NWD	Zane.....	NUMN
		Washington.....	NWE	Zeilin.....	NUMB
		Wasmuth.....	NUKC	Zizania (L. H. T.).....	NZZ

GOVERNMENT LAND AND SHIP RADIO STATIONS, BY CALL SIGNALS.

Call.	Station.	Call.	Station.
KDEF	Omaha, Nebr. c		Fire Island. c
KDEG	Cheyenne, Wyo. c		Manasquan (R. C.) c
KDEH	Salt Lake City, Utah. c	NAH	New York, N. Y. c
KDEJ	Elko, Nev. c		Sandy Hook, N. J. (R. C.) c
KDEK	Reno, Nev. c	NAI	Philadelphia, Pa. c
KDEL	Bryan, Ohio. c	NAJ	Great Lakes, Ill. c
KDHM	North Platte, Nebr. c	NAJB	Sigourney. b
KDHN	Rock Springs, Wyo. c	NAJC	Relief Light Vessel. c
KDQA	Maywood, Ill. c	NAJD	Black Hawk. b
KDQC	San Francisco, Calif. (receiving only). c	NAJK	Southard. b
KDTS	Iowa City, Iowa. c	NAJL	Colhoun. b
KEXQ	South Bend. b	NAJP	Finch. b
KIML	Santa Leonora. b	NAJQ	Bancroft. b
KKI	Kilkenny. b	NAJR	Gregory. b
KTK	Akutan, Alaska. c	NAJS	Fenwick Island Shoal Light Vessel. c
NAA	Washington, D. C. (Arlington). c	NAJT	Columbia River Light Vessel. c
NAB	(Cape Elizabeth, Me. (R. C.) c	NAJV	Cape Charles Light Vessel. c
	Portland, Me. c	NAJX	Robinson. b
NABB	T-2. b	NAJZ	Welles. b
NABC	Niagara. b	NAK	Annapolis, Md. (Naval Academy). c
NABP	Anemone. b	NAKD	Ajax. b
NABS	Tanager. b	NAKL	Heather. b
NABT	Swiftsure Bank Light Vessel. c	NAKN	Hibiscus. b
NABV	Cape Lookout Shoals Light Vessel. c	NAKS	San Francisco, Calif., Light Vessel. c
NABX	Brunswick Light Vessel. c	NAKV	Ivy. b
NABZ	T-3. b	NAKX	Kilty. b
NAC	Portsmouth, N. H. c	NAL	Washington, D. C. (Navy Yard). c
NACB	Apache. b	NALC	Lapwing. b
NACD	Relief (light vessel). c	NALK	Lykens. b
NACL	Hale. b	NALM	Boreas. b
NACN	Dyer. b	NALP	Kingfisher. b
NACP	Stringham. b	NALR	Taylor. b
NACQ	McKee. b	NALS	Ambrose Channel Light Vessel. c
NACR	Rathburne. b	NALT	Ringgold. b
NACS	Owl. b	NALZ	Stoddert. b
NACT	Blunts Reef Light Vessel. c	NAM	(Norfolk, Va. c
NACV	Umatilla Reef Light Vessel. c		Virginia Beach, Va. b
NACZ	Allegheny. b	NAMB	Larkspur. b
	(Boston, Mass. c	NAMC	Mexican. b
NAD	Deer Island, Mass. (R. C.) c	NAMD	Reno. b
	Fourth Cliff, Mass. (R. C.) c	NAMG	General Alava. b
	(Gloucester, Mass. (R. C.) c	NAMH	Nokomis. b
NADB	Relief (light vessel). c	NAMR	0-3. b
NADD	Arcata. b	NAMT	Boggs. b
NADF	Crowninshield. b	NAMV	Madrono. b
NADL	Kimberly. b	NAMX	0-4. b
NADP	Avocet. b	NAMZ	0-5. b
NADT	Winter Quarter Shoals Light Vessel. c	NAN	(Cape Lookout, N. C. (R. C.) c
NADV	Five Fathom Bank Light Vessel. c		Morehead City, N. C. c
NAE	North Truro, Mass. (R. C.) c	NANB	0-6. b
NAF	(Newport, R. I. c	NANC	0-7. b
	Prices Neck, R. I. (R. C.) c	NAND	0-8. b
NAFC	Dickerson. b	NANQ	Robin. b
NAFF	Brant. b	NANV	Mangrove. b
NAFL	Leary. b	NANX	Sagamore. b
NAFN	Cardinal. b	NANZ	Farquhar. b
NAFP	Cayuga. b	NAO	Charleston, S. C. c
NAFR	Artic. b	NAP	St. Augustine, Fla. c
NAFS	Burns. b	NAPG	Seattle. b
NAFV	Fern. b	NAPK	Stevens. b
NAFX	R-17. b	NAPL	Talbot. b
NAFZ	Semmes. b	NAPM	Converse. b
NAGB	O-9. b	NAPN	Teal. b
NAGC	Satterlee. b	NAPR	Camden. b
NAGG	Mason. b	NAPS	Magnolia. b
NAGL	Chandler. b	NAPT	Amaranth. b
NAGM	Arbutus. b	NAPV	Maple. b
NAGQ	Curacao. b	NAQ	Jupiter, Fla. c
NAGS	Ward. b	NAQC	Jupiter, Fla. (R. C.) c
NAGV	Hyacinth. b	NAQD	Piscataqua. b
NAGX	Gwin. b		Yukon. b

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

Call.	Station.	Call.	Station.
NAQF	Widgeon.....		Hog Island, Va. (R. C.).....
NAQJ	Rail.....	NCZ	Poyner's Hill, N. C. (R. C.).....
NAQM	S. P. 2047 (Moosehead).....		Virginia Beach, Va. (R. C.).....
NAQN	Paul Hamilton.....	NDB	Celtic.....
NAQV	Marigold.....	NDD	Washington, D. C. (Sayville, N. Y.).....
NAR	Key West, Fla.....	NDF	California.....
NARC	Key West, Fla. (R. C.).....	NDG	Chester.....
NARF	Maryland.....	NDH	Cheyenne.....
NARG	Wandank.....	NDM	Cleveland.....
NARP	Chemung.....	NDN	Pueblo.....
NARR	Aramis.....	NDO	Comfort.....
NARS	William Jones.....	NDQ	Connecticut.....
NARZ	Northeast End Light Vessel.....	NDR	Lydonia.....
NAS	R-20.....	NDW	Cape Hatteras, N. C.....
NASC	Pensacola, Fla.....	NDY	Cape Hatteras, N. C. (R. C.).....
NASD	Pensacola, Fla. (R. C.).....	NEBF	Dahlgren, Va.....
NASG	Cornfield Point Light Vessel.....	NEBJ	Constitution.....
NASJ	Rose.....	NEBV	Meade.....
NASM	Sumac.....	NECD	H-9.....
NASQ	Gold Star.....	NECK	S. P. 2225 (Navigator).....
NASV	O-16.....	NECR	Farenholt.....
NASX	Regulus.....	NECT	Colorado.....
NAT	R-15.....	NECV	Penguin.....
NATB	R-16.....	NECZ	Palmer.....
NATG	New Orleans, La.....	NEDB	Sotoyomo.....
NATJ	Antares.....	NEDF	Lexington.....
NATM	Bell.....	NEDG	Constellation.....
NATS	Wickes.....	NEDJ	Phillip.....
NATT	Woodbury.....	NEFC	West Virginia.....
NAU	Umpqua.....	NEFK	H-6.....
NAV	Waters.....	NEFL	Pelican.....
NAVJ	San Juan, P. R.....	NEFT	Swallow.....
NAVW	Parris Island, S. C.....	NEGS	S. P. 181 (Helori).....
NAVS	Explorer.....	NEJG	Unadilla.....
NAW	Stribling.....	NEJD	R-18.....
NAX	Guantanamo, Cuba.....	NEJH	Luce.....
NAXJ	Colon, C. Z.....	NEJK	Dent.....
NAXK	Montgomery.....	NEJM	R-19.....
NAXM	Murray.....	NEJL	Fortune.....
NAXN	Vega.....	NEJN	Eagle 1.....
NAXS	Kewaydin.....	NEJP	Eagle 2.....
NAXT	O-15.....	NEJQ	Eagle 3.....
NAY	O-10.....	NEJR	Eagle 4.....
NAZ	Point Isabel, Tex.....	NEJS	Eagle 5.....
NAZC	Managua, Nicaragua.....	NEJT	Eagle 6.....
NAZK	Thompson.....	NEK	Eagle 7.....
NAZL	Capella.....	NEKB	Eagle 8.....
NAZM	Lamberton.....	NEKC	Eagle 9.....
NAZP	Kennedy.....	NEKD	Eagle 10.....
NAZQ	Bagaduce.....	NEKE	Eagle 11.....
NAZS	Tadousac.....	NEKF	Eagle 12.....
NAZZ	Kalmia.....	NEKG	Eagle 13.....
NBA	Robert L. Barnes.....	NEKH	Eagle 14.....
NBB	Balboa, C. Z.....	NEKI	Eagle 15.....
NBD	St. Thomas, V. I.....	NEKJ	Eagle 16.....
NBG	Bar Harbor, Me. (Otter Cliffs).....	NEKK	Eagle 17.....
NBJ	Bar Harbor, Me. (R. C.).....	NEKL	Eagle 18.....
NBM	Indian Head, Md.....	NEKM	Delaware.....
NBP	Albany.....	NEKN	Eagle 19.....
NBR	Amagansett, N. Y. (R. C.).....	NEKO	Eagle 20.....
NBS	Ammen.....	NEKP	Eagle 21.....
NBU	Annapolis.....	NEKQ	Eagle 22.....
NBV	Surfside, Mass. (R. C.).....	NEKR	Eagle 23.....
NBW	Arcthusa.....	NEKS	Eagle 24.....
NBX	Arkansas.....	NEKZ	Falcon.....
NCA	Arizona.....	NEL	Champlin.....
NCB	South Pass, La. (R. C.).....	NELB	Hercules.....
NCC	Nevada.....	NELG	S. P. 1015 (Challenge).....
NCD	Oklahoma.....	NELH	Manhattan.....
NCE	New York.....	NELI	Lakehurst, N. J.....
NCF	Texas.....	NELJ	Lakehurst, N. J. (R. C.).....
NCH	Pennsylvania.....	NELK	Saratoga.....
NCL	Bailey.....	NELL	Dorsey.....
NCM	Baltimore.....	NELM	Pyro.....
NCN	Beale.....	NELN	Nitro.....
NCU	Tau, Samoa.....	NELP	H-8.....
NCV	Birmingham.....	NELQ	Contocook.....
NCX	Buffalo.....	NELR	Asheville.....
	Burrows.....	NELS	Aaron Ward.....
	Dreadnaught.....	NELT	Denver.....
		NELU	Medusa.....
		NELV	Sara Thompson.....
		NELW	Schenck.....
		NELX	Ilerbert.....
		NELY	Branch.....
		NELZ	

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

Call.	Station.	Call.	Station.		
NEMS	Evans.....	b	NEVS	Anthony.....	b
NEMT	McKean.....	b	NEVT	Sproston.....	b
NEMV	Harding.....	b	NEVV	Rizal.....	b
NEMX	Gridley.....	b	NEVX	Mackenzie.....	b
NEMZ	Chew.....	b	NEVZ	Renshaw.....	b
NEN	Des Moines.....	b	NEXB	Radford.....	b
NENG	Israel.....	b	NEXC	Keosanqua.....	b
NENJ	Herdon.....	b	NEXF	Eagle 26.....	b
NENL	Heron.....	b	NEXG	Eagle 27.....	b
NENM	Dallas.....	b	NEXJ	O-1.....	b
NENS	Hazlewood.....	b	NEXM	Eagle 28.....	b
NENT	Williams.....	b	NEXN	Eagle 29.....	b
NENV	Hart.....	b	NEXR	Mugford.....	b
NENX	Ingraham.....	b	NEXS	O'Bannon.....	b
NENZ	Ludlow.....	b	NEXT	Hogan.....	b
NEO	Stockton.....	b	NEXV	Stansbury.....	b
NEPB	Hovey.....	b	NEXX	Hopewell.....	b
NEPD	J. D. Long.....	b	NEXZ	Haraden.....	b
NEPE	Broome.....	b	NEZJ	Eagle 32.....	b
NEPF	Maurry.....	b	NEZN	O-13.....	b
NEPG	Relief (Hospital Ship No. 1).....	b	NEZP	Tarbell.....	b
NEPQ	Tattnall.....	b	NEZQ	Delphy.....	b
NEPS	Badger.....	b	NEZR	Gamble.....	b
NEPT	Twiggs.....	b	NEZS	Abbot.....	b
NEPV	Babbitt.....	b	NEZT	Clemson.....	b
NEPX	Jacob Jones.....	b	NEZV	Hatfield.....	b
NEPZ	Montcalm.....	b	NEZX	Brooks.....	b
NEQF	Mahan.....	b	NEZZ	Belknap.....	b
NEQL	Oil Barge No. 9.....	b	NFD	El Cano.....	b
NEQM	H-4.....	b	NFE	Charleston.....	b
NEQQ	Beaver.....	b	NFH	Smith Island, Wash.....	c
NEQS	Buchanan.....	b	NFM	Fanning.....	b
NEQT	Tillman.....	b	NFN	Cattle Point, Wash.....	c
NEQX	Kennison.....	b	NFR	Florida.....	b
NEQZ	Claxton.....	b	NFT	New Dungeness, Wash. (R. C.).....	c
NERB	Gilmer.....	b	NFU	Nantucket.....	b
NERG	Aulick.....	b	NFV	Quantico, Va.....	c
NERJ	Craven.....	b	NFX	Housatonic.....	b
NERL	Landsdale.....	b	NFY	Intrepid.....	b
NERQ	Turner.....	b	NFZ	Rainbow.....	b
NERR	Gillis.....	b	NGC	Boston.....	b
NERS	Upshur.....	b	NGD	Galveston.....	b
NERT	Greer.....	b	NGF	Georgia.....	b
NERV	Elliott.....	b	NGG	Olympia.....	b
NERX	Roper.....	b	NGI	Chattanooga.....	b
NERZ	Breckinridge.....	b	NGJ	Goldsborough.....	b
NEBB	S. P. Lee.....	b	NGN	Pensacola.....	b
NEBG	Young.....	b	NGP	Beaufort.....	b
NEBJ	H-7.....	b	NGR	Bridgeport.....	b
NEBM	Breese.....	b	NGS	Savannah.....	b
NEBR	Fathomer.....	b	NGU	Hannibal.....	b
NESS	Brenadou.....	b	NGV	Hartford.....	b
NEST	Cole.....	b	NGW	Wolverine.....	b
NESV	Thatcher.....	b	NGX	Otu, Samoa.....	b
NESX	Walker.....	b	NGY	Helena.....	b
NESZ	Crosby.....	b	NHA	Henley.....	b
NET	Drayton.....	b	NHD	Monadnock.....	b
NETB	McFarland.....	b	NHF	Isabel.....	b
NETD	Mahopac.....	b	NHI	Hancock.....	b
NETF	Lea.....	b	NHN	Idaho.....	b
NETG	H-5.....	b	NHO	Illinois.....	b
NETJ	O-2.....	b	NHU	Roanoke.....	b
NETK	O-11.....	b	NHV	Iroquois.....	b
NETL	O-12.....	b	NHW	Kittery.....	b
NETQ	Tatnuck.....	b	NEW	Rath.....	b
NETC	Meredith.....	b	NEZ	Newport News.....	b
NETT	Bush.....	b	NIB	Jarvis.....	b
NETV	Cowell.....	b	NIBB	Eagle 33.....	b
NETX	Maddox.....	b	NIBC	Eagle 39.....	b
NETZ	Koka.....	b	NIBD	Eagle 34.....	b
NEU	Dubuque.....	b	NIBF	Eagle 40.....	b
NEV	(Savannah, Ga.).....	c	NIBG	Eagle 35.....	b
NEVB	(Tybee Island, Ga. (R. C.)).....	c	NIBJ	Eagle 41.....	b
NEVC	Sunnadin.....	b	NIBK	Eagle 36.....	b
NEVD	Napa.....	b	NIBL	Eagle 42.....	b
NEVK	O-14.....	b	NIBM	Eagle 37.....	b
NEVL	Sciota.....	b	NIBN	Eagle 38.....	b
NEVM	Pinola.....	b	NIBP	Eagle 43.....	b
NEVP	Oriole.....	b	NIBQ	Eagle 44.....	b
NEVQ	Algorma.....	b	NIBR	Eagle 45.....	b
NEVR	Carrabasset.....	b	NIBS	Eagle 46.....	b
	Iuka.....	b			

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

Call.	Station.	Call.	Station.	
NIBT	Eagle 47.....	b	NIKG Redwing.....	b
NIBV	Eagle 48.....	b	NIKK Sandpiper.....	b
NIBX	Eagle 49.....	b	NIKL Vireo.....	b
NIBZ	Eagle 50.....	b	NIKM Warbler.....	b
NICB	Eagle 51.....	b	NIKN Willet.....	b
NICC	Eagle 52.....	b	NIKP Woodcock.....	b
NICD	Eagle 53.....	b	NIKQ Quail.....	b
NICF	Eagle 54.....	b	NIKR Elder.....	b
NICG	Eagle 55.....	b	NIKS Thrush.....	b
NICJ	Eagle 56.....	b	NIKT Tern.....	b
NICK	Eagle 57.....	b	NIKV Cormorant.....	b
NICL	Eagle 58.....	b	NIKX Grebe.....	b
NICM	Eagle 59.....	b	NIL Cummings.....	b
NICN	Eagle 60.....	b	NILB T-1.....	b
NICP	Cygan.....	b	NILC R-1.....	b
NICQ	V-1.....	b	NILD R-2.....	b
NICR	V-2.....	b	NILF R-3.....	b
NICS	V-3.....	b	NILG R-4.....	b
NICT	V-4.....	b	NILJ R-5.....	b
NICV	V-5.....	b	NILK R-6.....	b
NICX	V-6.....	b	NILL R-7.....	b
NICZ	V-7.....	b	NILM R-8.....	b
NID	Jenkins.....	b	NILN R-9.....	b
NIDD	V-8.....	b	NILP R-10.....	b
NIDF	Despatch.....	b	NILQ R-11.....	b
NIDJ	V-9.....	b	NILR R-12.....	b
NIE	Jouett.....	b	NILS R-13.....	b
NIFB	Crane.....	b	NILT R-14.....	b
NIFC	Ramsay.....	b	NILV R-21.....	b
NIFD	Elhs.....	b	NILX R-22.....	b
NIFF	Chauncey.....	b	NILZ R-23.....	b
NIFG	Fuller.....	b	NIM Cushing.....	b
NIFJ	Perclval.....	b	NIMB R-24.....	b
NIFK	Brazos.....	b	NIMC R-25.....	b
NIFL	Hamilton.....	b	NIMD R-26.....	b
NIFM	Howard.....	b	NIMF R-27.....	b
NIFN	Thomas.....	b	S-1.....	b
NIFP	Neches.....	b	S-2.....	b
NIFQ	Pecos.....	b	S-3.....	b
NIFR	Torpedo Test Barge No. 1.....	b	S-4.....	b
NIFS	Torpedo Test Barge No. 2.....	b	S-6.....	b
NIFV	Cyan.....	b	S-7.....	b
NIFX	Torpedo Test Barge No. 3.....	b	S-8.....	b
NIFZ	Torpedo Test Barge No. 4.....	b	S-9.....	b
NIGB	McCook.....	b	S-10.....	b
NIGC	McCalla.....	b	S-11.....	b
NIGD	Kalk.....	b	S-12.....	b
NIGF	Osmond Ingram.....	b	S-13.....	b
NIGG	McDermut.....	b	S-14.....	b
NIGJ	Laub.....	b	NIN Downes.....	b
NIGK	McLanahan.....	b	NINB S-15.....	b
NIGL	Edwards.....	b	NINC S-16.....	b
NIGM	Greene.....	b	NIND S-17.....	b
NIGN	Ballard.....	b	NINF S-18.....	b
NIGP	Swasey.....	b	NING S-19.....	b
NIGQ	John Francis Burnes.....	b	NINJ S-20.....	b
NIGR	J. Fred Talbot.....	b	NINK S-21.....	b
NIGS	Yarnall.....	b	NINL S-22.....	b
NIGV	Marinduque.....	b	NINM S-23.....	b
NIH	Aylwin.....	b	NINN S-24.....	b
NIH	Balch.....	b	NINP S-25.....	b
NIJ	Benham.....	b	NINQ S-26.....	b
NIJB	Curlew.....	b	NINR S-27.....	b
NIJF	Turkey.....	b	NINS S-28.....	b
NIJG	Partridge.....	b	NINT S-29.....	b
NIJJ	Bobolink.....	b	NINV S-30.....	b
NIJK	Lark.....	b	NINX S-31.....	b
NIJL	Pioneer.....	b	NINZ S-32.....	b
NIJM	Seagull.....	b	NIP Kansas.....	b
NIJN	Guide.....	b	NIPB Kearsarge.....	b
NIJP	Swan.....	b	NIPD S-33.....	b
NIJQ	Whippoorwill.....	b	NIPF S-34.....	b
NIJR	Bittern.....	b	NIPG S-35.....	b
NIJS	Sanderling.....	b	NIPH S-36.....	b
NIJT	Discoverer.....	b	NIPJ S-37.....	b
NIJV	Chewink.....	b	NIPK S-38.....	b
NIJX	Gannett.....	b	NIPL S-39.....	b
NIK	Cassin.....	b	NIPM S-40.....	b
NIKB	Mallard.....	b	NIPN S-41.....	b
NIKC	Ortolan.....	b	NIPP S-42.....	b
NIKD	Peacock.....	b	NIPQ S-43.....	b
NIKF	Pigeon.....	b	NIPQ S-44.....	b

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

Call.	Station.	Call.	Station.		
NIPR	S-45.....	b	NKE	Mississippi.....	b
NIPS	S-46.....	b	NKG	S. P. 1116 (Genesee).....	b
NIPV	S-47.....	b	NKK	Mercy.....	b
NIPV	S-48.....	b	NKL	Monaghan.....	b
NIPX	S-49.....	b	NKM	Missoula.....	b
NIPZ	S-50.....	b	NKQ	Wilkes.....	b
NIQ	Kentucky.....	b	NKR	Rowan.....	b
NIQK	S-51.....	b	NKS	Sampson.....	b
NIQL	S. C. 432.....	b	NKT	Schley.....	b
NIQM	Boxer.....	b	NKU	Shaw.....	b
NIQV	S. C. 440.....	b	NKV	Tucker.....	b
NIR	Duncan.....	b	NKW	Wadsworth.....	b
NIRL	Whitney.....	b	NKX	Wainwright.....	b
NIRM	Holland.....	b	NKZ	Navajo.....	b
NIRN	Wright.....	b	NLA	Nantucket Shoals Light Vessel.....	c
NIRP	Iowa.....	b	NLC	Frying Pan Shoals Light Vessel.....	c
NIRQ	Massachusetts.....	b	NLD	Bird Island, Calif. (R. C.).....	c
NIRR	Marblehead.....	b	NLE	Commodore.....	b
NIRS	Indiana.....	b	NLF	Kukul.....	b
NIRT	Raleigh.....	b	NLG	Point Reyes, Calif. (R. C.).....	c
NIRV	Concord.....	b	NLH	Point Montara, Calif. (R. C.).....	c
NIRX	Canopus.....	b	NLJ	Pathfinder.....	b
NIRZ	Denebola.....	b	NLK	Bache.....	b
NIS	Ericsson.....	b	NLL	Columbine.....	b
NISB	Tingard.....	b	NLM	Cypress.....	b
NISG	South Dakota.....	b	NLP	Heald Bank Light Vessel.....	c
NISJ	Montana.....	b	NLS	Fire Island Light Vessel.....	c
NISK	North Carolina.....	b	NLT	Orchid.....	b
NISL	Omaha.....	b	NLU	Manzanita.....	b
NISM	Milwaukee.....	b	NLV	Sequoia.....	b
NISN	Cincinnati.....	b	NLW	Cedar.....	b
NISP	Detroit.....	b	NLY	Topeka.....	b
NISQ	Richmond.....	b	NMA	Nebraska.....	b
NISR	Trenton.....	b	NMC	Vestal.....	b
NISS	Memphis.....	b	NMD	Point Hueneme, Calif.....	c
NIST	Tulsa.....	b	NME	New Hampshire.....	b
NISV	Chaumont.....	b	NMF	New Jersey.....	b
NISX	Argonne.....	b	NMG	New Orleans.....	b
NISZ	Bayspring.....	b	NMH	Newport.....	b
NIT	McDougal.....	b	NMK	Aroostook.....	b
NITC	Tampa.....	b	NML	Shawmut.....	b
NITD	Vaughan.....	b	NMN	Charlotte.....	b
NITF	Haida.....	b	NMO	North Dakota.....	b
NITL	Nansemond.....	b	NMS	Neptune.....	b
NITQ	Diamond Shoals Light Vessel.....	c	NMW	Ohio.....	b
NITR	Relief (Light Vessel).....	c	NMZ	Oregon.....	b
NITS	Relief (Light Vessel).....	c	NNB	Jason.....	b
NITV	Cahokia.....	b	NNC	Langley.....	b
NITX	Kickapoo.....	b	NND	Kanawha.....	b
NITZ	Sturgeon Bay.....	b	NNE	Maumee.....	b
NIU	Nicholson.....	b	NNF	Nereus.....	b
NIV	O'Brien.....	b	NNG	Proteus.....	b
NIVD	Modoc.....	b	NNI	St. Croix, V. I.....	c
NIVP	Mascoutin.....	b	NNT	Cape Mala, Panama.....	c
NIVQ	Saukee.....	b	NNW	La Palma, Panama.....	c
NIVR	Tamaroa.....	b	NNX	Undaunted.....	b
NIVS	Alexander Hamilton.....	b	NOA	Osceola.....	b
NIX	Parker.....	b	NOB	Abarenda.....	b
NIXB	Mojave.....	b	NOBQ	S. C. 23.....	b
NIXD	Spruce.....	b	NOC	Orion.....	b
NIXG	Smith.....	b	NOD	Cuyama.....	b
NIZF	Speedwell.....	b	NODF	S. C. 57.....	b
NIZJ	Shawnee.....	b	NODN	S. C. 63.....	b
NJA	Winslow.....	b	NODP	S. C. 64.....	b
NJB	Louisiana.....	b	NOE	Penobscot.....	b
NJD	Allen.....	b	NOF	Anacostia, D. C. (Naval laboratory).....	c
NJE	Conyngham.....	b	NOG	Paducah.....	b
NJF	Davis.....	b	NOGL	S. C. 102.....	b
NJG	San Domingo City, D. R.....	c	NOGM	S. C. 103.....	b
NJJ	Wenonah.....	b	NOGQ	S. C. 106.....	b
NJM	Yacona.....	b	NOH	Henderson.....	b
NJO	Rappahannock.....	b	NOI	Bridge.....	b
NJR	Mars.....	b	NOJ	Panther.....	b
NJS	Frederick.....	b	NOK	Patterson.....	b
NJU	Nayrant.....	b	NOKN	S. C. 143.....	b
NJV	Mayflower (President's yacht).....	b	NOL	Patapsco.....	b
NJW	McCall.....	b	NOLC	S. C. 154.....	b
NJZ	Michigan.....	b	NOLK	S. C. 159.....	b
NKA	Melville.....	b	NOM	Patuxent.....	b
NKB	Galveston, Tex.....	c	NOMD	S. C. 185.....	b
NKC	Navassa Island, W. I.....	c	NOMF	S. C. 186.....	b
NKD	Minnesota.....	b	NOMJ	S. C. 188.....	b

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

Call.	Station.	Call.	Station.	
NOMM	S. C. 191.....	b	NRS Seminole.....	b
NOMN	S. C. 192.....	b	NRT Little.....	b
NON	Paulding.....	b	NRU Acushnet.....	b
NONN	S. C. 210.....	b	NRV Tallapoosa.....	b
NONS	S. C. 214.....	b	NRW Comanche.....	b
NOO	Porter.....	b	NRX Unalga.....	b
NOFP	S. C. 223.....	b	NRY Yamacraw.....	b
NOGP	S. C. 224.....	b	NSC Port au Prince, Haiti.....	c
NOPN	S. C. 229.....	b	(Bethany Beach, Del. (R. C.).....	c
NOPQ	S. C. 231.....	b	NSD Cape Henlopen, Del. (R. C.).....	c
NORS	S. C. 271.....	b	(Cape May, N. J. (R. C.).....	c
NOSN	S. C. 285.....	b	NSE Tennessee.....	b
NOSQ	S. C. 287.....	b	NSF Anacostia, D. C.....	c
NOT	Pittsburgh.....	b	(Anacostia, D. C. (R. C.).....	c
NOTR	S. C. 306.....	b	NSH Manley.....	b
NOVC	S. C. 320.....	b	NSI Caldwell.....	b
NOVL	S. C. 326.....	b	NSJ Washington, D. C. (laboratory).....	c
NOVN	S. C. 328.....	b	NSN Conner.....	b
NOVQ	S. C. 330.....	b	NSP Arapho.....	b
NOX	Perkins.....	b	NSS Washington, D. C. (Annapolis, Md.).....	c
NOXF	S. C. 340.....	b	NST Solace.....	b
NOXG	S. C. 341.....	b	NSU Vixen.....	b
NOXS	S. C. 353.....	b	NSW South Carolina.....	b
NOZJ	S. C. 412.....	b	NSX Huron.....	b
NOZR	S. C. 419.....	b	NSZ Cumberland.....	b
NPA	Cordova, Alaska.....	c	NTA Ontario.....	b
NPB	Sitka, Alaska.....	c	NTB Sterrett.....	b
NPC	Puget Sound, Wash. (Bremerton).....	c	NTD S. P. 1161 (Francis B. Hackett).....	b
NPD	(Tatoosh, Wash.....	c	NTF Saint Louis.....	b
NPE	(Tatoosh, Wash. (R. C.).....	c	NTG Sonoma.....	b
NPF	North Head, Wash.....	c	NTL Sylph.....	b
NPG	(Empire, Oreg. (R. C.).....	c	NTN Fairfax.....	b
NPH	(Marshfield, Oreg.....	c	NTO Mohave.....	b
NPI	San Francisco, Calif.....	c	NTP Salem.....	b
NPJ	Hilo, T. H.....	c	NTQ San Francisco.....	b
NPJ	Farrallon Island, Calif. (R. C.).....	c	NTR Rochester.....	b
NPJ	Shanghai, China (receiving only).....	c	NTT Scorpion.....	b
NPK	Point Arguello, Calif. (R. C.).....	c	NTX Rhode Island.....	b
NPL	Imperial Beach, Calif. (R. C.).....	c	NTZ Roe.....	b
NPL	Point Loma, Calif. (R. C.).....	c	NUA Tacoma.....	b
NPL	San Diego, Calif.....	c	NUCF Lilac.....	b
NPM	(Honolulu, Hawaii (Heeia Point).....	c	NUDF S. P. 179 (Privateer).....	b
NPM	(Honolulu, Hawaii (Pearl Harbor).....	c	NUDG Ranger.....	b
NPN	Guam, Guam Island.....	c	NUDP Apo.....	b
NPO	Cavite, P. I.....	c	NUFB Mohawk.....	b
NPP	Peking, China.....	c	NUFM Sunflower.....	b
NPQ	St. Paul, Alaska.....	c	NUFN S. P. 1149 (Barnett).....	b
NPR	Dutch Harbor, Alaska.....	c	NUFZ S. P. 185 (Clarinda).....	b
NPS	Kodiak, Alaska.....	c	NUG Eagle Harbor, Mich. (R. C.).....	c
NPT	Olongapo, P. I.....	c	NUGD Mackinac.....	b
NPV	Tutuila, Samoa.....	c	NUGK Keweah.....	b
NPV	Seward, Alaska.....	c	NUGL Laramie.....	b
NPW	Eureka, Calif.....	c	NUMG Mattole.....	b
NPW	Eureka, Calif. (R. C.).....	c	NUMN Patoka.....	b
NPW	Inglewood, Calif.....	c	NUGP Ramapo.....	b
NPX	Point Fermin, Calif. (R. C.).....	c	NUMQ Rapidan.....	b
NPX	San Pedro, Calif.....	c	NUGR Salinas.....	b
NPY	St. George, Alaska.....	b	NUMS Sapelo.....	b
NQL	Machias.....	b	NUMT Sepulga.....	b
NQM	Prairie.....	b	NUMV Tippecanoe.....	b
NQQ	Monocacy.....	b	NUMW Trinity.....	b
NQR	Prometheus.....	b	NUMX Terry.....	b
NQS	Palos.....	b	NUJ Pawtucket.....	b
NQT	Pampanga.....	b	NUJ Abel P. Upshur.....	b
NQU	Surveyor.....	b	NUJ Hunt.....	b
NQV	Sacramento.....	b	NUJ George E. Badger.....	b
NQW	New Mexico.....	b	NUJ Smith Thompson.....	b
NQZ	Quilto.....	b	NUJ Barker.....	b
NRA	Algonquin.....	b	NUJ Tracy.....	b
NRA	Bear.....	b	NUJM James K. Paulding.....	b
NRC	Morrill.....	b	NUJN Overton.....	b
NRE	Seneca.....	b	NUJP Sturtevant.....	b
NRF	Snobomish.....	b	NUJQ Henshaw.....	b
NRG	Gresham.....	b	NUJR Meyer.....	b
NRH	Cleveland, Ohio.....	c	NUJS Doyen.....	b
NRJ	Ossipee.....	b	NUJT LaVallette.....	b
NRK	Puerto Obaldia, Panama.....	c	NUJV Shirk.....	b
NRL	Tuscarora.....	b	NUJX Kidder.....	b
NRM	Cape Hinchbrook, Alaska (R. C.).....	c	NUJZ Selfridge.....	b
NRN	Manning (C. G. C.).....	b	NUKB Robert Smith.....	b
NRO	Onondaga.....	b	NUKC Wasmuth.....	b
NRN	Pamlico.....	b		

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

Call.	Station.	Call.	Station.		
NUKD	Hulbert.....	b	NUQT	Hull.....	b
NUKF	Noa.....	b	NUQV	Decatur.....	b
NUKX	Humphreys.....	b	NUQX	Sumner.....	b
NUL	Pentucket.....	b	NUQZ	Corry.....	b
NULG	Harbor Tug No. 67.....	b	NURC	Melvin.....	b
NULJ	Welborn C. Wood.....	b	NURD	Spica.....	b
NULK	Alden.....	b	NURF	Procyon.....	b
NULL	Borie.....	b	NURG	Rigel.....	b
NULM	Kane.....	b	NURJ	Altair.....	b
NULN	Childs.....	b	NURK	Eider.....	b
NULP	King.....	b	NURL	President.....	b
NULQ	Sands.....	b	NUT	Rocket.....	b
NULR	Sinclair.....	b	NUU	Samoset.....	b
NULS	McCawley.....	b	NUV	Sebago.....	b
NULT	Moody.....	b	NUW	Soapstone Point, Alaska (R. C.).....	c
NULV	Sharkey.....	b	NVA	Traffic.....	b
NULX	Toucey.....	b	NVC	Triton.....	b
NULZ	Breck.....	b	NVD	Juneau, Alaska.....	c
NUMB	Zeillin.....	b	NVE	Utah.....	b
NUMC	Yarborough.....	b	NVH	Ketchikan, Alaska.....	c
NUMD	Sloat.....	b	NVJ	Wompatuck.....	b
NUMF	Wood.....	b	NVK	Vermont.....	b
NUMG	Marcus.....	b	NVL	Seattle, Wash.....	c
NUMJ	Mervine.....	b	NVP	Villalobos.....	b
NUMK	Chase.....	b	NVR	Virginia.....	b
NUML	Mullany.....	b	NVS	Farragut.....	b
NUMM	Litchfield.....	b	NVT	Vulcan.....	b
NUMN	Zane.....	b	NVU	Bagley.....	b
NUMP	Trever.....	b	NVV	Barney.....	b
NUMQ	William B. Preston.....	b	NVW	Biddle.....	b
NUMV	Mansfield (Bureau of Fisheries).....	b	NVX	Blakely.....	b
NUMX	Harbor Tug No. 61.....	b	NVZ	Dahlgren.....	b
NUMZ	Kankakee.....	b	NWC	Dupont.....	b
NUNB	Yocona.....	b	NWD	Warrington.....	b
NUNC	Lamson.....	b	NWE	Washington.....	b
NUND	Dale.....	b	NWF	Foote.....	b
NUNF	Flusser.....	b	NWG	Huntington.....	b
NUNG	Preble.....	b	NWH	Wheeling.....	b
NUNJ	Preston.....	b	NWJ	Fox.....	b
NUNK	Reid.....	b	NWK	Wilmington.....	b
NUNL	Whipple.....	b	NWL	Walke.....	b
NUNM	Worden.....	b	NWQ	Wyoming.....	b
NUNN	Stewart.....	b	NWS	Morris.....	b
NUNQ	United States.....	b	NWT	Rodgers.....	b
NUNR	Dobbin.....	b	NWU	Shubrick.....	b
NUNS	Williamson.....	b	NWV	Somers.....	b
NUNT	Reuben James.....	b	NWX	Thornton.....	b
NUNV	Isherwood.....	b	NWY	Tingy.....	b
NUNX	Case.....	b	NXU	Azalea.....	b
NUNZ	Nicholas.....	b	NXX	Tulip.....	b
NUPC	John D. Edwards.....	b	NYD	H-2.....	b
NUPD	Parrott.....	b	NYE	H-3.....	b
NUPF	Lardner.....	b	NYF	K-1.....	b
NUPG	Putnam.....	b	NYG	K-2.....	b
NUPJ	Pequot.....	b	NYH	K-3.....	b
NUPK	Coghlan.....	b	NYI	K-4.....	b
NUPL	Sicard.....	b	NYJ	K-5.....	b
NUPM	Edsall.....	b	NYK	K-6.....	b
NUPN	Bulmer.....	b	NYL	K-7.....	b
NUPP	Sirius.....	b	NYM	K-8.....	b
NUPQ	Billingsley.....	b	NYO	L-2.....	b
NUPR	Charles Ausburne.....	b	NYP	L-3.....	b
NUPS	Bruce.....	b	NYR	L-5.....	b
NUPT	MacLeish.....	b	NYS	L-6.....	b
NUPV	Pruitt.....	b	NYT	L-7.....	b
NUPX	Simpson.....	b	NYU	L-8.....	b
NUPZ	McCornick.....	b	NYV	L-9.....	b
NUQ	Trippe.....	b	NYX	L-11.....	b
NUQB	Pope.....	b	NZC	Bushnell.....	b
NUQC	Osborne.....	b	NZD	Fulton.....	b
NUQD	Peary.....	b	NZE	N-1.....	b
NUQE	Goff.....	b	NZF	N-2.....	b
NUQG	Pillsbury.....	b	NZG	N-3.....	b
NUQJ	Ford.....	b	NZO	Annapolis, Md. (laboratory).....	c
NUQK	Truxtun.....	b	NZQ	Mayflower.....	b
NUQL	Bainbridge.....	b	NZS	{Fort Stevens, Oreg. (RC).....	c
NUQM	Hopkins.....	b		{Ocean Park, Wash. (RC).....	c
NUQN	Paul Jones.....	b		{Grand Marais, Mich. (R. C.).....	c
NUQP	Barry.....	b	NZT	{Whitefish Point, Mich. (R. C.).....	c
NUQQ	Lawrence.....	b	NZU	{Detour Point, Mich. (R. C.).....	c
NUQR	MacDonough.....	b	NZV	{Folly Island, S. C. (R. C.).....	c
NUQS	Perry.....	b			

GOVERNMENT LAND AND SEIP RADIO STATIONS, BY CALL STATIONS—Continued.

Call.	Station.	Call.	Station.
NZW	North Island, S. C. (R. C.).....c	WXD	Meigs.....b
NZZ	Zizania.....b	WXG	Fort Washington, Md.....c
WJI	Atka Island, Alaska.....c	WXH	Grant.....b
WUA	Fort Andrews, Mass.....c	WXI	Merritt.....b
WUAG	Fort Mills, P. I.....c	WXJ	Valdez, Alaska.....c
WUAH	West Point, N. Y.....c	WXK	Hot Springs, Alaska.....c
WUAI	Fort Ethan Allen, Vt.....c	WXL	Iditarod, Alaska.....c
WUAJ	Manila, P. I.....c	WXM	Thomas.....b
WUAK	Fort Wint, P. I.....c	WXO	Craig, Alaska.....c
WUAL	Fort Drum, P. I.....c	WXP	Fort Travis, Tex.....c
WUB	Fort Hancock, N. J.....c	WXQ	Morgan-Lewis.....b
WUBA	Camp Alfred Vail, N. J.....c	WXR	Dellwood.....b
WUBB	Camp Grant, Ill.....c	WXS	Slocum.....b
WUBC	Camp Knox, Ky.....c	WXT	Joseph Henry.....b
WUBD	Fort Sill, Okla.....c	WXU	Navesink.....b
WUBE	Fort Amador, C. Z.....c	WXV	McGrath, Alaska.....c
WUBV	Key West, Fla.....c	WXW	General John M. Schofield.....b
WUC	Fort H. G. Wright, N. Y.....c	WXX	Fort Yukon, Alaska.....c
WUCA	Camp Stotsenburg, P. I.....c	WXY	Washington, D. C.....c
WUCB	Fort John Hay, P. I.....c	WXZ	Fort Storey, Va.....c
WUCG	Fort De Lesseps, C. Z.....c	WYA	Mitchell Field, N. Y.....c
WUCH	Fort Sherman, C. Z.....c	WYAA	General Royal T. Frank.....b
WUCI	Fort Randolph, C. Z.....c	WYAB	General S. M. Mills.....b
WUCK	Fort McArthur, Calif.....c	WYAF	General E. O. C. Ord.....b
WUCN	Fort Rodman, Mass.....c	WYAG	Colonel George Armistead.....b
WUCU	Fort Williams, Me.....c	WYAH	General Robert Anderson.....b
WUCV	Fort McKinley, Oreg.....c	WYAI	Captain Charles W. Rowell.....b
WUD	Fort Leavenworth, Kans.....c	WYAJ	General A. M. Randall.....b
WUE	Fort Lovett, Me.....c	WYAM	Captain James Farnace.....b
WUF	Fort Monroe, Va.....c	WYAN	Reno.....b
WUG	Camp Marfa, Tex.....c	WYAO	Major Evan Thomas.....b
WUH	Fort McIntosh, Tex.....c	WYAP	Captain Gregory Barrett.....b
WUI	Fort Riley, Kans.....c	WYAQ	Major Albert G. Forse.....b
WUJ	Fort Sam Houston, Tex.....c	WYAS	General G. W. Getty.....b
WUK	Fort Stevens, Oreg.....c	WYAW	General R. H. Jackson.....b
WUL	Fort Totten, N. Y.....c	WYAX	Illinois.....b
WUN	Fort Worden, Wash.....c	WYAY	General Richard Arnold.....b
WUO	Fort Winfield Scott, Calif.....c	WYB	Bolling Field, D. C.....c
WUP	Anchorage, Alaska.....c	WYBA	General Absalom Baird.....b
WUQ	Tientsin, China.....c	WYBB	General J. Franklin Bell.....b
WUR	Fort Morgan, Ala.....c	WYBD	General William M. Graham.....b
WUS	Fort Rosecrans, Calif.....c	WYBE	Colonel George F. E. Harrison.....b
WUT	Fort Caswell, N. C.....c	WYBN	Captain Fred L. Perry.....b
WUU	Fort Adams, R. I.....c	WYBP	Captain Edward P. Nones.....b
WUV	Livensood, Alaska.....c	WYBS	Lieutenant Col. Herman C. Schumm.....b
WUW	Fort Terry, N. Y.....c	WYBV	Major Albert G. Jenkins.....b
WUX	Fort Crockett, Tex.....c	WYBW	Major William P. Pence.....b
WUY	Fort San Jacinto, Tex.....c	WYBY	Captain Clarence M. Condon.....b
WUZ	Fort Brown, Tex.....c	WYC	Langley Field, Va.....c
WVA	Circle, Alaska.....c	WYCA	Cuba.....c
WVB	Fairbanks, Alaska.....c	WYCB	Inspector.....b
WVC	Fort Eibert, Alaska.....c	WYCC	Jupiter.....b
WVD	Fort Gibbon, Alaska.....c	WYCD	Saturn.....b
WVE	Fort St. Michael, Alaska.....c	WYCE	Gama.....b
WVF	Ruby, Alaska.....c	WYCF	Iota.....b
WVG	Nome, Alaska.....c	WYCG	Kappa.....b
WVH	Nulato, Alaska.....c	WYCH	Henry Flad.....b
WVI	Bethel, Alaska.....c	WYCI	B. M. Harrod.....b
WVK	Holy Cross, Alaska.....c	WYCJ	West Memphis, Ark.....c
WVL	Fort Frank, P. I.....c	WYD	Fairfield, Ohio.....c
WVM	Noorvik, Alaska.....c	WYE	Selfridge Field, Mich.....c
WVN	Fort Mills, P. I.....c	WYF	Scott Field, Ill.....c
WVO	Boston, Mass.....c	WYG	Kelly Field, Tex.....c
WVP	Governors Island, N. Y.....c	WYH	Rockwell Field, Calif.....c
WVQ	Fort Howard, Md.....c	WYI	Langin Field, W. Va.....c
WVR	Fort McPherson, Ga.....c	WYJ	Chanute Field, Ill.....c
WVS	Fort Benjamin Harrison, Ind.....c	WYK	Maxwell, Ala.....c
WVT	Chicago, Ill.....c	WYP	France Field, C. Z.....c
WVU	Fort Omaha, Nebr.....c	WYQ	Luke Field, Hawaii.....c
WVV	Jefferson Barracks, Mo.....c	WYR	Kindley Field, P. I.....c
WVVW	Fort D. A. Russell, Wyo.....c	WYS	Clark Field, P. I.....c
WVX	Fort Douglas, Utah.....c	WYT	Camp Nichols, P. I.....c
WVY	San Francisco, Calif.....c	WZA	Fort Screven, Ga.....c
WVZ	Fort Hayes, Ohio.....c	WZB	Fort Clark, Tex.....c
WVO	Cleveland, Ohio.....c	WZC	Fort Whitman, Wash.....c
WVQ	Bellefonte, Pa.....c	WZD	Fort Barrancas, Fla.....c
WWT	Afognak, Alaska.....c	WZE	Fort Constitution, N. H.....c
WVU	Hempstead, N. Y. (Hazelhurst Field).....c	WZF	Fort Moultrie, S. C.....c
WVW	Washington, D. C.....c	WZG	Fort Bragg, N. C.....c
WVX	Washington, D. C.....c	WZH	Port Eads, La.....c
WXA	Cambrai.....b	WZI	Fort Ringgold, Tex.....c
WXB	Somme.....b	WZJ	Fort Casey, Wash.....c

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

Call.	Station.	Call.	Station.
WZK	Fort Dade, Fla..... c	WZR	General Nathaniel Greene..... b
WZL	Camp S. D. Little, Ariz..... c	WZS	Fort Snelling, Minn..... c
WZM	Camp Jones, Ariz..... c	WZU	Sprigg Carroll..... b
WZN	Fort Du Pont, Del..... c	WZV	General J. M. Brannan..... b
WZO	Fort Bliss, Tex..... c	WZW	General R. N. Batchelder..... b
WZP	Fort Huachuca, Ariz..... c	WZX	General Miffin..... b
WZQ	General Timothy Pickering..... 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 30, 1922 only.]

NOTE.—Amateur stations and technical and training school stations use wave lengths between 150 and 220 meters. The wave lengths used by experimental stations are variable.

Station.	Call signal.	Station controlled by—
Abilene, Tex.	5YN	Simmons College.
Do.	5ZAX	Eugene W. Wood, 340 Butternut Street.
Agricultural College, Miss.	5YD	Mississippi Agricultural and Mechanical College.
Agricultural College, N. Dak.	9YG	North Dakota Agricultural College.
Albuquerque, N. Mex.	5XAM	Harley L. Sherwood, 1518 East Central Avenue.
Do.	5YQ	University of New Mexico.
Alexandria, La.	5ZD	Frank B. Beuhler.
Alliance, Ohio.	8YT	Mount Union College.
Altadena, Calif.	6XBF	Altadena Radio Laboratory.
Do.	6XR	Do.
Amarillo, Tex.	5ZH	J. Laurance Martin, 605 East Fourth Street.
Ames, Iowa.	9YI	Iowa State College.
Amston, Conn.	1XAI	Newsprinter Corp., care of Courtland Smith, 522 Fifth Avenue, New York, N. Y.
Ann Arbor, Mich.	8XA	University of Michigan.
Anthony, Kans.	9ZAC	T. & H. Radio Co.
Appleton, Wis.	9YAR	Lawrence College.
Asheville, N. C.	4ZI	Edmond A. Jackson, 11 Pisgah Avenue.
Ashland, Ohio.	8ZN	J. W. Kauffman, 208 Claremont Avenue.
Athol, Mass.	1XP	Leon W. Bishop, 160 Cottage Street.
Atlanta, Ga.	4XA	Emory University.
Do.	4XC	B. W. Benning, 50 Whiteford Avenue.
Do.	4XH	H. E. Bussey, 76 East Fifth Street.
Do.	4XI	Technological High School.
Do.	4XN	Bryan Electric Co.
Do.	4YA	Georgia School of Technology.
Do.	4YD	Georgia School of Technology, Signal Corps Unit.
Do.	4ZB	Georgia Railway & Power Co.
Auburn, Ala.	5XA	Alabama Polytechnic Institute.
Auburn, N. Y.	8YA	Edward L. Colby (Colby's Telegraph School).
Austin, Tex.	5XU	University of Texas.
Do.	5XX	Tom L. Gray, 3908 Avenue F.
Do.	5ZAG	George E. Endress, 711 West Twenty-third Street.
Do.	5ZU	Wesley H. Tilley, 4112 Avenue F.
Avaion, Calif.	6XAD	Lawrence Mott, Santa Catalina Island, Calif.
Do.	6ZW	Do.
Bala, Pa.	3ZA	Charles A. Service, jr.
Baldwinsville, N. Y.	8XAV	J. E. Page.
Baltimore, Md.	3XG	Johns Hopkins University.
Do.	3XX	R. Selway Collmus, 2817 Windsor Avenue.
Do.	3YH	Y. M. C. A. Radio School.
Do.	3YR	Polytechnic Institute, City of Baltimore.
Do.	3ZU	Southern Wireless Institute.
Bangor, Me.	1XG	Bangor Railway & Electric Co.
Barnesville, Ohio.	8ZAC	Clifford H. Galloway.
Baton Rouge, La.	5YW	Louisiana State University.
Do.	5ZAC	Wilmer L. Barrow, 918 Convention Street.
Battle Creek, Mich.	8YN	Battle Creek High School.
Baudette, Minn.	9ZC	John A. Gjelhaug.
Bay St. Louis, Miss.	5ZAU	Hubert E. De Ben, Front Street.
Beatty, Pa.	8YAG	St. Vincents College.
Beeville, Tex.	5ZAI	Rialto Theatre (Hall Brothers).
Belfast, Me.	1XAO	R. C. A., 233 Broadway, New York, N. Y.
Do.	1XAP	Do.
Belmar, N. J.	2XAO	Do.
Berkeley, Calif.	6XAY	C. R. Tinsley, 3017 Wheeler Street.
Do.	6XM	University of California.
Do.	6ZD	A. H. Babcock, 10 Tanglewood Road.
Do.	6ZQ	Fred L. Wismer, 1906 Chestnut Street.
Do.	8XAM	Arthur L. Kent, 199 Court Street.
Binghamton, N. Y.	5XC	Alabama Power Co.
Birmingham, Ala.	5ZAS	John C. Bell, 1913 Fifth Avenue.
Do.	3CXN	Virginia Polytechnic Institute.
Blacksburg, Va.	5ZZ	Schonwald Brothers.
Blackwell, Okla.	9YS	Illinois Wesleyan University.
Bloomington, Ill.	9YAG	Indiana University.
Bloomington, Ind.	9YAG	Independent School District of Boise City, Boise High School.
Boise, Idaho.	7YA	

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

Station.	Call signal.	Station controlled by—
Boise, Idaho.....	7ZI	Fred Brown, Seventh and Idaho Streets.
Do.....	7ZN	Bird B. Bliss, Jr., 417 Bannock Street.
Boston, Mass.....	1XAF	Edison Electric Illuminating Co. of Boston.
Boston, Mass. (portable).....	1XAG	Do.
Boston, Mass.....	1YC	Eastern Radio Institute (Francis D. Pitts).
Do.....	1Y8	Massachusetts Radio and Telegraph School.
Boulder, Colo.....	9XAAQ	University of Colorado.
Bozeman, Mont.....	7XB	Montana State College.
Do.....	7ZL	H. Everett Cutting, 420 West Koch Street.
Brookline, Mass.....	1XA	James C. Ramsey, 369 Tappan Street.
Brooklyn, N. Y.....	2XT	Lowenstein Radio Co.
Brownwood, Tex.....	5XF	Howard Payne College.
Brunswick, Me.....	1ZA	Bowdoin College.
Buena Vista, Va.....	3ZAA	J. Frank Kay, Walnut Street.
Buffalo, N. Y.....	8XAD	Federal Telephone & Telegraph Co.
Do.....	8YP	Seneca Vocational School.
Burrwood, La.....	5XE	T. R. T. Co.
Butte, Mont.....	7XM	Great Falls Power Co.
Do.....	7ZF	F. F. Gray, 3200 Richardson Street.
Cambridge, Mass.....	1XAB	Clapp-Eastham Co., 139 Main Street.
Do.....	1XJ	Harvard University.
Do.....	1XM	Massachusetts Institute of Technology.
Do.....	1XO	General Radio Co.
Camden, N. J.....	3YQ	Federal Institute of Radio Telegraphy.
Camp Hill, Pa.....	3ZD	J. Cox Thompson.
Canton, Ohio.....	8ZV	Henry L. Ley, 619 Fourth Street.
Cape Girardeau, Mo.....	9YAAQ	Southeast Missouri State Teachers College.
Casper, Wyo.....	7ZO	Norman R. Hood, 1022 South Ash Street.
Cazenovia, N. Y.....	8XH	Clive B. Meredith.
Charlotte, N. C.....	4XD	F. M. Laxton, Belvedere Avenue.
Charlottesville, Va.....	3XAB	Virginia Radio Co.
Cherrydale, Va.....	3XD	Edwin L. White, 1 Columbia Street
Chicago, Ill. (portable).....	9XB	City of Chicago.
Chicago, Ill.....	9XG	Austin A. Howard, 4601 North Central Park Avenue.
Do.....	9XN	Leroy M. E. Clausing, 4545 North Whipple Street.
Do.....	9XO	Morkrum Co., 1410 Wrightwood Avenue.
Do.....	9XU	Midwest Radio Central, Drake Hotel
Do.....	9XY	Westinghouse Electric & Mfg. Co., 72 West Adams Street.
Do.....	9YL	Armour Institute of Technology.
Do.....	9ZN	Ralph H. G. Mathews, 332 South Michigan Avenue.
Cincinnati, Ohio.....	8XAH	Ohio Mechanics Institute.
Do.....	8XAJ	Union Gas & Electric Co.
Do.....	8XB	Precision Equipment Co.
Do.....	8XT	Crosley Mfg. Co.
Do.....	8YAC	St. Xavier College.
Do.....	8YAD	East High School.
Do.....	8YS	University of Cincinnati, Department of Physics.
Do.....	8YX	University of Cincinnati, Department of Electrical Engineering.
Do.....	8ZH	Cino Radio Mfg. Co., 218 West Twelfth Street.
Clarinda, Iowa.....	9ZAA	Farmers Mutual Telephone Co., 216 North Sixteenth Street.
Cleveland, Ohio.....	8XM	City Water Department
Do.....	8XO	Westinghouse Electric & Mfg. Co.
Do.....	8YL	East End Y. M. C. A.
Do.....	8ZP	Edward I. Deighan, 5415 Hermann Avenue.
Cliffwood, N. J.....	2XF	Western Electric Co., 483 West Street, New York, N. Y.
Clifton, Ariz.....	6XBH	Roy M. Potter.
Cochise, Ariz.....	6ZC	Dr. J. B. Ellis, Box 24, Rancho De Casa Loma.
College Park, Ga.....	4XO	Atlanta & West Point R. R. Co
College Station, Tex.....	5XB	Agricultural and Mechanical College of Texas.
Do.....	5ZP	Ralph E. Smith.
Collegetown, Minn.....	9XT	St. Johns University.
Colorado Springs, Colo.....	9XC	Colorado College.
Columbia, Mo.....	9YM	University of Missouri.
Columbus, Ohio.....	8XAT	Superior Radio & Telephone Equipment Co.
Do.....	8XJ	Ohio State University.
Do.....	8XR	Entrekin Electric Co.
Do.....	8ZAF	Robert C. Bohannon, 1188 Willard Avenue.
Commerce, Tex.....	5ZAM	Arthur C. West.
Connellsville, Pa.....	8XAP	West Penn Power Co.
Connellsville, Pa. (portable).....	8XAP	Do.
Conway, Ark.....	5XAC	Conway Radio Laboratories.
Corvallis, Ore.....	7XH	Oregon Agricultural College.
Do.....	7YJ	Oregon Agricultural College, Department of Physics.
Craddock, Va.....	3ZZ	Aloysius A. Kubiac.
Crete, Nebr.....	9YU	Doane College.
Culver, Ind.....	9YQ	Culver Military Academy
Dallas.....	5XBC	John O. Newbury, 1822 Bennett Avenue.
Do.....	5ZAQ	City of Dallas, Police and Fire Signal Department.
Do.....	5ZAW	Kendall Brothers, 3301 Wellborn Street.
Do.....	5ZAY	A. H. Belo & Co.
Do.....	5ZC	Frank M. Corlett, 1101 East Eighth Street.

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

Station.	Call signal.	Station controlled by—
Dartmouth, Mass.....	1XAN	Round Hills Radio Corp.
Do.....	1XV	Do.
Davenport, Iowa.....	9XAC	Karlows Radio Corp.
Do.....	9XE	William H. Kirwan, 1416 West Pleasant Street.
Do.....	9YAP	St. Ambrose College.
Dayton, Ohio.....	8YT	Y. M. C. A.
Deal Beach, N. J.....	2XJ	Western Electric Co., 463 West Street, New York, N. Y.
Dearborn, Mich.....	8XD	Ford Motor Co.
Decatur, Ga.....	4ZF	Thurston Hatcher, 142 Adams Street.
Defiance, Ohio.....	8ZY	K. A. Duerk, 1000 Wilhelm Street.
Delanco, N. J.....	3XP	Henry M. Neely.
Delaware, Ohio.....	8YK	Ohio Wesleyan University.
Denver, Colo.....	9XAG	Harry E. Buckwalter, 713 Lincoln Street
Do.....	9ZAF	William D. Reynolds, 1124 South University Street.
Des Moines, Iowa.....	9YAO	Des Moines University.
Detroit, Mich.....	8XAR	Tecla Co., 1507 Cass Avenue
Do.....	8XZ	Supervisor of Radio, Eighth District.
Do.....	8YAF	University of Detroit.
Do.....	8YW	Detroit Junior College (Board of Education).
Douglas, Ariz.....	6ZZ	Harry L. Gooding, Box 175.
Douglas, Mont.....	7ZG	Winfred E. Slauson.
Douglas, Wyo.....	7ZV	Felix Thompson.
Dover, Ohio.....	8ZX	Harry S. Weber, 1113 Walnut Street.
Dublin, Tex.....	5XAJ	C. H. Baxter, 204 Grafton Street.
Do.....	5XJ	Guy W. Neal.
Dubuque, Iowa.....	9ZA	Clifford W. Patch, 295 Villa Street.
Dunmore, Pa.....	8ZQ	Roy C. Ehrhardt, 117 South Blakely Street.
Eagle Pass, Tex.....	5ZN	Ed. Nettleton.
Eagle Rock, Calif.....	6XAT	Oliver S. Garretson, 118 Fairmont Avenue.
Do.....	6ZAL	Do.
East Cleveland, Ohio.....	8YD	Shaw Technical School.
Easton, Pa.....	3YO	Lafayette College.
East Pittsburgh, Pa.....	8XS	Westinghouse Electric & Mfg. Co.
Eatontown, N. J.....	2XAU	Western Electric Co., 195 Broadway, New York, N. Y.
El Dorado, Kans.....	9XP	Midland Refining Co. (G. L. Carrington).
Elgin, Ill.....	9ZG	Albert C. Mertz.
Elk, Wyo.....	7ZE	Harold P. Sheard.
Ellendale, N. Dak.....	9ZX	H. J. Goddard.
El Monte, Calif.....	6XAX	G. S. Corpe, 517 West Main Street.
El Paso, Tex.....	5ZAD	A. LeRoy Hill, 809 North Oregon Street.
Do.....	5ZAR	Elite Electric Shop, 407 Mesa Avenue.
Do.....	5ZBB	Mine & Smelter Supply Co.
Emporia, Kans.....	9YAA	College of Emporia.
Enid, Okla.....	5XBD	Radio Phone Sales Co.
Do.....	5ZAL	Kenneth B. Griffin, 30 Day Building.
Do.....	5ZM	Charles E. Whartenby, 211 News Building.
Enterprise, Oreg.....	7ZH	Orland M. Heacock.
Enumclaw, Wash.....	7YQ	Enumclaw High School.
Eugene, Oreg.....	7YB	University of Oregon.
Evanston, Ill.....	9YH	Evanston High School.
Fayetteville, Ark.....	5YM	University of Arkansas.
Do.....	5ZAZ	Lawrence W. Stinson, 354 North West Street.
Fort Lauderdale, Fla.....	4ZJ	John M. Anderson.
Fort Wayne, Ind.....	9XH	City of Fort Wayne, Department of Public Safety.
Fort Worth, Tex.....	5XAP	W. E. Branch, 400 West Seventh Street.
Do.....	5YS	Oba R. Garrett, 611½ Main Street.
Do.....	5YV	Knights of Columbus School.
Do.....	5ZAH	Fort Worth Record.
Do.....	5ZY	Fort Worth Star Telegram.
Franklinton, La.....	5ZK	Paul E. Greenlaw.
Fresno, Calif.....	6XU	San Joaquin Light & Power Corporation.
Friendship Heights, Md.....	3ZF	John V. Purssell.
Fullerton, Calif.....	6XAN	Bryan H. Dennis, 115 West Amerige Avenue.
Fulton, Mo.....	9YR	Westminster College.
Glenbrook, Conn.....	1XAK	Stanford Radio Service Co.
Gloucester, Mass.....	1XI	John Hays Hammond, jr.
Golden, Colo.....	9XAI	Colorado School of Mines.
Grand Coteau, La.....	5XZ	St. Charles College.
Grand Rapids, Mich.....	8ZAG	Charles E. Holmes, 310 West Brown Street.
Granville, Ohio.....	8YM	Richard H. Howe.
Great Neck, N. Y.....	2XAN	Harry Alexander, 20 West Thirty-fourth Street, New York, N. Y.
Greencastle, Ind.....	9YJ	De Pauw University.
Green Harbor, Mass.....	1XD	Western Electric Co., 463 West Street, New York, N. Y.
Greenwich, Conn.....	1XB	Minton Cronkhite.
Greybull, Wyo.....	7ZD	F. N. Mitchell.
Grosse Point Farms, Mich.....	8XAS	Henry B. Joy, 301 Lake Shore Road.
Grove City, Pa.....	8YV	Grove City College.
Gunnison, Colo.....	9YAH	Colorado State Normal School.
Hamilton, Ohio.....	8XAG	Doron Brothers Electric Co.
Hanover, N. H.....	1YB	Dartmouth College.

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

Station.	Call signal.	Station controlled by—
Helena, Mont.....	7ZC	Fred C. Ashall, 536 North Warren Street.
Do.....	7ZQ	Vivion K. Roberts, 40 Olive Street.
Highland Park, Mich.....	8XAF	Howard P. Hardosty, 396 Monterey Avenue.
Do.....	8ZZ	Clyde E. Darr, 137 Hill Avenue.
Hoboken, N. J.....	2XD	Ware Radio Co., 100 Duane Street, New York, N. Y.
Honolulu, Hawaii.....	6XAP	The Electric Shop.
Do.....	6ZY	Thomas A Marshall, 242-D Kaulani Avenue.
Hood River, Oreg.....	7ZA	H. B. Read (The Radio Shop).
Houma, La.....	5ZAB	Pullen Brothers, 503 Roussel Street.
Houston, Tex.....	5XAA	Hurlburt-Still Electric Co., 1201 McKinney Avenue.
Do.....	5XAN	QRV Radio Co.
Do.....	5XBB	Southwest General Electric Co.
Do.....	5XN	Ernest Hubner, 1607 McKee Street.
Do.....	5XO	George McDouglas, 411 West Twenty-third Street.
Do.....	5YG	William M. Rice Institute.
Do.....	5ZE	B. J. Still, Brookline Avenue.
Do.....	6ZO	Clifford W. Vick, 1918 Smith Street.
Do.....	5ZT	Ingham S. Roberts III, 302 West Main Street.
Do.....	5ZV	Hallet E. Worthington, 4909 Park Drive.
Do.....	5ZX	Alfred P. Daniel, 2504 Bagby Street.
Hyattsville, Md.....	2XR	J. Harris Rogers.
Iowa City, Iowa.....	9YA	State University of Iowa.
Ithaca, N. Y.....	8XU	Cornell University.
Jacksonville, Fla.....	4ZE	James C. Kellow.
Julliff, Tex.....	5ZW	Donald H. Graham, Elm Grove Plantation.
Kalamazoo, Mich.....	8XF	Kalamazoo College.
Kansas City, Mo.....	9XAB	Western Radio Co.
Do.....	9XK	Robert R. Moore, 3525 Walnut Street.
Key West, Fla.....	4XP	Aeromarine Airways (Inc.).
Knoxville, Tenn.....	5XBE	Peoples Telephone & Telegraph Co.
Do.....	5XK	George P. Stout, 1621 Riverside Drive.
Kountze, Tex.....	5ZAJ	Arthur H. Holt, Box 139.
Lacey, Wash.....	7YS	St. Martin's College.
La Crosse, Wis.....	9ZY	Ben A. Ott, 241 South Seventeenth Street.
Lamoni, Iowa.....	9YO	Graceland College.
Lansing, Mich.....	8ZF	Maurice H. Pancost, 1101 Climax Street.
Laredo, Tex.....	5ZAN	Charles G. Clark, Fort McIntosh.
Le Mars, Iowa.....	9YAE	Western Union College.
Lewisburg, Pa.....	8XN	Bucknell University.
Lexington, Ky.....	9YC	University of Kentucky.
Do.....	9ZI	Ray E. Anderson, 235 East Main Street.
Lexington, Va.....	3YK	Virginia Military Institute.
Do.....	3ZX	Harry M. Quisenberry, 23 Edmundson Avenue.
Lincoln, Nebr.....	9YY	University of Nebraska.
Little Rock, Ark.....	5XAB	Dr. L. M. Hunter, 2420 IZard Street.
Do.....	5ZL	John M. Clayton, 1301 Welch Street.
Los Angeles, Calif.....	6XAH	Archie Wade, jr., 465 North Lake Street.
Do.....	6XAK	Leo J. Meyberg Co., 950 South Flower Street.
Do.....	6XAQ	Lex B. Benjamin, 140 South Oxford Street.
Do.....	6XAS	Brooke E. Sawyer, 1707 Camden Court.
Do.....	6XAW	Hall Berringer, 637 South Hope Street.
Do.....	6XBA	Harold A. Duvall, 4965 Wadsworth Street.
Do.....	6XBC	Thomas E. Nikirk, 1050 West Eighty-ninth Street.
Los Angeles, Calif. (portable).....	6XBD	Los Angeles County Forestry Department.
Los Angeles, Calif.....	6XD	Western Radio Electric Co.
Do.....	6XJ	Dean Farran, 1410 South Van Ness Avenue
Do.....	6XK	Reginald P. MacKenzie, 1016 Fourth Avenue.
Do.....	6XL	General Petroleum Corp.
Do.....	6XQ	Southern California Edison Co.
Do.....	6XT	Bible Institute of Los Angeles.
Do.....	6XY	Earl C. Anthony (Inc.).
Do.....	6YA	Y. M. C. A.
Do.....	6ZAO	Harold A. Duvall, 4965 Wadsworth Street.
Do.....	6ZG	Forbes W. Van Why, 5128 South Van Ness Avenue.
Do.....	6ZR	Hall Berringer, 637 South Hope Street.
Do.....	6ZS	Lindley Winsor, 200 Twenty-second Street.
Lynn, Mass.....	1XL	General Electric Co.
Macon, Ga.....	4XL	Mercer University.
Madison, Wis.....	9XM	University of Wisconsin.
Manhattan, Kans.....	9YV	Kansas State Agricultural College.
Mansfield, Ohio.....	8ZU	Radio Club of Mansfield, 139½ Carpenter Road.
Marietta, Ohio.....	8YAA	Marietta College.
Do.....	8ZO	George M. Withington, 316 Fifth Street.
Marion, Mass.....	1XAL	Irving Vermilya, 24 Allen St.
Do.....	1ZE	Do.
Mayville, N. Y.....	8ZAD	Experimental Radio Association.
Mayville, N. Dak.....	9XAS	M. G. Sateren.
Medford Hillside, Mass.....	1XE	American Radio & Research Corporation.
Media, Pa.....	3ZM	Simon Delbert, jr.
Memphis, Tenn.....	5ZB	Walker L. Wellford, jr., 205 South Belvedere Boulevard.
Do.....	5ZBA	John C. Flippin, 534 Pantotoc Avenue.

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

Station.	Call signal.	Station controlled by—
Mesilla Park, N. Mex.	5ZJ	R. W. Goddard.
Metuchen, N. J.	2XAY	New York World (Edmund H. Hansen), World Building, New York, N. Y.
Middletown, Conn.	1XN	Wesleyan University.
Minneapolis, Minn.	9XI	University of Minnesota.
Do.	9YX	William Hood Dunwoody Industrial Institute.
Do.	9ZT	Donald C. Wallace, 64 North Pennsylvania Avenue.
Mobile, Ala.	5XAE	Mobile Radio Co., O'Gwynn Building.
Do.	5ZBD	George L. Barnett, 165 Chatham Street.
Monroe, Wis.	9XA	United Telephone Co.
Montgomery, Ala.	5XBA	Paul B. Brooks, 400 South McDonough Street.
Morgantown, W. Va.	8YE	University of West Virginia, Department of Electrical Engineering.
Do.	8YH	University of West Virginia, Department of Physics.
Moscow, Idaho.	7ZM	Jack Woodworth, 107 Almon Street.
Mount Clemens, Mich.	8XAE	Henry B. Joy, Penobscot Building, Detroit, Mich.
Neenah, Wis.	9ZL	Fox River Radio Supply Co. (Cornelius & William Quinn).
Newark, N. J.	2XAI	Westinghouse Electric & Mfg. Co., 95 Orange Street.
Do.	2XAK	I. R. Nelson Co.
Do.	2XAR	D. W. May (Inc.).
New Braunfels, Tex.	5YK	Edgar A. Sahn, Box 567.
New Brunswick, N. J.	2XAM	R. C. A., 233 Broadway, New York, N. Y.
New Haven, Conn.	1XH	Yale University.
New Orleans, La.	5XAO	L. J. N. du Treil, 480 Audubon Street.
Do.	5XH	Tropical Radio Telegraph Co.
Do.	5XM	Electron Engineering Co., 1115 Whitney Central Building.
Do.	5XQ	Pendleton E. Lehde, 1715 Valence Street.
Do.	5YC	Nola Radio School.
Do.	5YR	Loyola University.
Do.	5YU	Tulane University.
Do.	5ZAP	Valdemar Jensen and Harry L. Egle, 137 South St. Patrick Street.
Do.	5ZBE	Interstate Electric Co.
New Philadelphia, Ohio.	8ZA	Charles J. Murray, 256 North Fifth Street.
New Rochelle, N. Y.	2ZK	George C. Cannon, 183 Drake Avenue.
Newton, Mass.	1XK	Boston College.
New York, N. Y.	2XAL	International News Service, 21 Spruce Street.
Do.	2XAT	Donald J. Pieri, 154 East One hundred seventy-fifth Street.
New York, N. Y. (portable).	2XAV	Western Electric Co., 195 Broadway.
New York, N. Y.	2XAW	Ship Owners Radio Service, 80 Washington Street.
Do.	2XAX	Ship Owners Radio Service, 510 West Twenty-third Street.
Do.	2XB	Western Electric Co., 463 West Street.
Do.	2XC	Ware Radio Co., 160 Duane Street.
Do.	2XG	De Forest Radio Telephone & Telegraph Co.
Do.	2XK	Cockaday & Quinby, 1522 Jesup Avenue.
Do.	2XM	Columbia University.
Do.	2XN	College of the City of New York.
Do.	2XNA	City College Radio Club.
Do.	2XNB	Townsend Harris Hall Radio Club.
Do.	2XO	Walter G. Hudson.
Do.	2XR	R. C. A.
Do.	2XU	American Radio News Corporation, 21 Spruce Street.
Do.	2XY	American Telephone & Telegraph Co., 24 Walker Street.
Do.	2XZ	Fordham University.
Do.	2YM	East Side Y. M. C. A.
Do.	2ZG	National Amateur Wireless Association.
Norman, Okla.	5XW	University of Oklahoma.
Do.	5ZG	Maurice L. Prescott.
Noroton Heights, Conn.	1XAA	Percival E. Fansler.
Norristown, Pa.	3ZV	Samuel W. Place, 622 Strawbridge Street.
Northfield, Minn.	9YAJ	St. Olaf College.
Northfield, Vt.	1YD	Norwich University.
North Little Rock, Ark.	5ZR	Hobart J. Bell, 1501 Main Street.
Northville, Mich.	8XL	Ford Motor Co.
Oakland, Calif.	6XA	Radio Specialty Shop.
Do.	6XAJ	Preston D. Allen, Hotel Oakland.
Do.	6XAM	Warner Brothers, 2201 Telegraph Avenue.
Do.	6XAR	Great Western Radio Corporation, 19 Mirna Street, San Francisco, Calif.
Do.	6XW	Richard C. Tavers and H. D. de la Montanya, 2830 Eleventh Avenue.
Do.	6ZI	R. S. Rheem, 478 Orchard Street.
Oberlin, Ohio.	8YAE	Oberlin College.
Ogden, Utah.	6ZAM	W. G. Garner, 2264 Lincoln Avenue.
Oklahoma, Okla.	5XAF	Roswell B. Downing.
Do.	5XG	National Radio Mfg. Co.
Do.	5XT	E. C. Hull & H. S. Richards, 1911 West Ash Street.
Do.	5ZAT	Lowrin G. Dill, 112 West Fifth Street.
Do.	5ZAV	Le Roy Moffett, jr., 312½ North Broadway.
Omaha, Nebr.	9XAR	Central High School.
Do.	9YP	Technical High School (Board of Education).

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

Station.	Call signal.	Station controlled by—
Orange, Tex.	5XAD	Gray & Gray.
Orono, Me.	1XAH	University of Maine.
Ossining, N. Y.	2XX	Robert F. Gowen.
Palo Alto, Calif.	6XV	Federal Telegraph Co., 812 Hobart Building, San Francisco, Calif.
Parkeburg, Pa.	3XW	Horace A. Beale, Jr.
Do.	3ZO	Do.
Pasadena, Calif.	6XI	Samuel G. McMeen, 683 South Los Robles Avenue.
Do.	6ZAA	E. Garratt Arnold, 647 North Madison Avenue.
Pawtucket, R. I.	1XAD	Standard Radio & Electric Co.
Philadelphia, Pa.	3XA	Howard R. Miller, 6318 North Park Avenue.
Do.	3XAI	Roberts Brothers Electric Co.
Do.	3XB	Philadelphia Electric Co. (W. C. Eglin).
Do.	3XC	Frank B. Chambers, 6046 Arch Street.
Do.	3XJ	St. Joseph's College.
Do.	3XK	Frederick Strattner, 1638 North Redfield Street.
Do.	3XS	George W. Carns, 1134 South Fifty-sixth Street.
Do.	3XV	Thomas Appleby, 5847 Ellsworth Street.
Do.	3YC	North East High School.
Do.	3YF	Pennsylvania-Marconi Wireless School.
Do.	3YG	Philadelphia School of Wireless Telegraphy.
Do.	3YI	Knights of Columbus School.
Do.	3ZAC	Edwin M. Hartley.
Do.	3ZG	Allyn E. Seuffert, 3936 Locust Street.
Do.	3ZN	Harold A. Hogan, 2105 West Toga Street.
Do.	3ZQ	Stanley C. Bryce, 1942 North Thirteenth Street.
Piedmont, Calif.	6XAO	G. M. Best, 109 Greenbank Avenue.
Pilot Point, Tex.	5ZB	Clyde S. Mosteller.
Pine Bluff, Ark.	5XAI	Pine Bluff Co.
Pittsburgh, Pa.	8XK	Frank Conrad, 7712 Pennsylvania Avenue.
Do.	8XV	Frederick S. McCullough, 1807 Montier Street, Wilkinsburg, Pa.
Do.	8XX	Duquesne University.
Do.	8XY	West Penn Power Co.
Do.	8YZ	Peabody High School.
Do.	8ZAE	Burton P. Williams, 3220 Orleans Street.
Do.	8ZD	Parker Elliott Wiggin & F. B. Westervelt.
Plainview, Tex.	5XAH	James G. McInnish.
Polytechnic, Mont.	7YI	Billings Polytechnic Institute.
Do.	7ZU	Glen E. West.
Ponca City, Okla.	5ZQ	William H. England, Jr.
Port Arthur, Tex.	5XV	Louis W. Hatry, 2048 Fifth Street.
Port Jefferson, N. Y.	2XS	R. C. A., 233 Broadway, New York, N. Y.
Portland, Oreg.	7XF	Northwestern Radio Mfg. Co.
Do.	7XI	Hallock & Watson Radio Service.
Do.	7XL	Northwestern Electric Co.
Do.	7YG	Oregon Institute of Technology (Y. M. C. A.).
Do.	7YK	Benson Tech Radio Club, Twelfth and Hoyt Streets.
Do.	7YN	Franklin High School.
Do.	7ZB	William A. Laidigh, jr., 555 East Forty-fourth Street north.
Do.	7ZR	Walter V. Russ, 831 Michigan Avenue.
Princeton, N. J.	3XM	Princeton University Radio Club.
Providence, R. I.	1XX	Brown University.
Provo, Utah	6YD	Brigham Young University.
Pullman, Wash.	7XW	State College of Washington.
Do.	7ZS	Hugh E. Allen, 701 State Street.
Rainbow, Mont. (Great Falls)	7XO	Great Falls Power Co.
Raleigh, N. C.	4YC	North Carolina State College.
Rapid City, S. Dak.	9YW	South Dakota State School of Mines.
Reading, Pa.	3XAI	Donald B. Hellman, 54 South Sixth Street.
Redlands, Calif.	6YC	University of Redlands.
Do.	6ZJ	Arthur L. Munzjg.
Reedley, Calif.	6XAV	W. W. Lindsay, Jr., P. O. Box 643.
Do.	6ZF	Do.
Reno, Nev.	6ZO	Hadley S. Beedle, 604 Elko Avenue.
Richmond, Va.	3ZP	Ralph R. Chappell and Wayne R. Deavers, 1815A West Main Street.
Richmond Hill, N. Y.	2XE	A. H. Grebe & Co.
Do.	2ZV	Do.
Rochester, N. Y.	8XAO	Victor G. Martin (Eastman School of Music).
Do.	8XQ	Rochester Gas & Electric Corporation.
Rockford, Ill.	9XF	A. V. Tronske, 2920 West State Street.
Rolia, Mo.	9YN	Missouri School of Mines and Metallurgy.
Roswell, N. Mex.	5ZA	Louis Falconi.
Do.	5ZAO	Roswell Public Service Co.
Rushville, Nebr.	9YAT	St. Mary High School.
St. Davids, Pa.	3ZS	Charles H. Stewart.
St. Louis, Mo.	9XR	Colin B. Kennedy Co.
Do.	9YAB	Washington University.
Do.	9YK	St. Louis University.
Do.	9ZB	Lester A. Benson.

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

Station.	Call signal.	Station controlled by—
St. Petersburg, Fla.....	4ZH	E. Richard Hall, 2801 Central Avenue.
Salem, Ohio.....	8ZG	A. J. Manning, 252 McKinley Avenue.
Salt Lake City, Utah (airplane).....	6XBE	Art Johnson, P. O. Box 772.
Salt Lake City, Utah.....	6XBG	H. C. Wilson (Deseret News).
Do.....	6ZA	Ira Johnson Kaar, 243 East Seventh South Street.
Do.....	6ZM	H. C. Wilson (Deseret News).
Do.....	6ZT	Art Johnson, P. O. Box 772.
Do.....	6ZV	Julian G. McCollom, 1922 South Tenth East Street.
San Antonio, Tex.....	5XP	Earl M. Baker, St. Anthony Hotel.
Do.....	5XY	Alamo Radio Electric Co.
Do.....	5ZAE	Leavell D. Wall, 216 Perelda Street.
Do.....	5ZAK	R. C. Walkeen, Camp Travis, Tex.
San Diego, Calif.....	6XAI	W. K. Azbill, 5038 Cliff Place.
San Diego, Calif. (portable).....	6XN	Dr. Alfred E. Banks, Timken Building.
San Diego, Calif.....	6XZ	Dr. R. O. Shelton, 3443 Fifth Street.
Do.....	6ZB	Dr. Alfred E. Banks, Timken Building.
Sand Springs, Okla.....	5XBF	Halton H. Friend, Box 556.
San Fernando, Calif.....	6ZN	B. H. Dennis & C. A. Taylor, 452 Chatsworth Drive.
San Francisco, Calif.....	6XAA	Pacific Telephone & Telegraph Co.
Do.....	6XAE	The Radio Telephone Shop.
Do.....	6XB	Mercantile Trust Co.
Do.....	6XBB	Ralph M. Heintz, 606 Mission Street.
Do.....	6XC	Atlantic Pacific Radio Supplies Co.
Do.....	6XG	Leo J. Meyberg Co.
Do.....	6XX	R. C. A., 433 California Street.
Do.....	6ZE	D. B. McGown, 1247 Forty-seventh Avenue.
San Gabriel, Calif.....	6XS	R. B. Ashbrook, Rose Road and Mission Drive.
San Jose, Calif. (portable).....	6XE	Charles D. Herrold, 467 South First Street.
San Jose, Calif.....	6XF	Do.
San Marcos, Tex.....	5YT	San Marcos High School (E. W. Kee).
San Ysidro, Calif.....	6ZH	Lester Picker.
Savannah, Ga.....	4YB	Knights of Columbus.
Schenectady, N. Y.....	2XA	E. M. Kinney, 212 Parkwood Boulevard.
Do.....	2XAE	Wallace L. Brooks, care of General Electric Co.
Do.....	2XI	General Electric Co.
Do.....	2XQ	Union College.
Scranton, Pa.....	8XAX	Radio Sales Corp.
Seattle, Wash.....	7XC	Vincent I. Kraft.
Do.....	7XE	R. C. A., 233 Broadway, New York, N. Y.
Do.....	7XJ	Charles W. Peterson.
Do.....	7XK	Kilbourne & Clark Mfg. Co.
Do.....	7XR	Louis Wasmer, 419 Thirteenth street north.
Do.....	7XS	Brott Laboratories, 2048b Forty-second Avenue north.
Do.....	7XU	Rhodes Co., 1321 Second Avenue.
Do.....	7XZ	University of Washington.
Do.....	7YC	Y. M. C. A.
Do.....	7YM	Lincoln High School.
Shreveport, La.....	5ZS	William E. Antony, 1513 Laurel Street.
Sioux City, Iowa.....	9ZU	Sioux City Radio Laboratory.
South Manchester, Conn.....	1XAM	John L. Reinhardt, 371 Hartford Road.
South Orange, N. J.....	2ZC	Henry L. Leeb.
Spirit Lake, Wash.....	7YR	Y. M. C. A. (Boy's Division).
Spokane, Wash.....	7YL	North Central High School.
Springfield, Mass.....	1XAE	Westinghouse Electric & Mfg. Co.*
Springfield, Ohio.....	8XAK	Wittenberg College.
Do.....	8ZAA	J. Warren Wright, 1119 South Fountain Avenue.
Stanford University, Calif.....	6XH	Herbert Hoover, jr.
Stapleton, N. Y.....	2XAC	Ship Owners Radio Service, 80 Washington Street, New York, N. Y.
Do.....	2ZD	Do.
State College, N. Mex.....	5XD	New Mexico College Agriculture and Mechanic Arts.
State College, Pa.....	8XE	Pennsylvania State College.
Staunton, Va.....	3YE	Staunton Military Academy.
Stockbridge, Mass.....	1XU	Thomas S. L. Kletcha.
Stockton, Calif.....	6XAL	Paul Oard, 1217 North East Street.
Sunnyvale, Calif.....	6XAG	Tom Lambert.
Do.....	6ZAD	J. J. Mahler, jr., P. O. Box 391.
Do.....	6ZK	Arthur E. Bessey.
Superior, Wis.....	9YAC	State Normal School.
Swissvale, Pa.....	8ZE	Clarence T. Hewitt, 7942 Westmoreland Avenue.
Tacoma, Wash.....	7XV	Kilbourne & Clark Mfg. Co.
Do.....	7YO	Tacoma City College.
Takoma Park, Md.....	3XAJ	Bliss Electrical School.
Tallah Falls, Ga.....	4ZG	Georgia Railway & Power Co.
Tampa, Fla.....	4XG	Pierce Electric Co.
Do.....	4XJ	Thompson Electric Co.
Tarrytown, N. Y.....	2XL	Tarrytown Radio Research Laboratory.
Thibodaux, La.....	5YL	Thibodaux High School.
Thompson Falls, Mont.....	7XN	Thompson Falls Power Co.
Toledo, Ohio.....	8YAB	Scott High School.
Troy, N. Y.....	2XAP	Rensselaer Polytechnic Institute.

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

Station.	Call signal.	Station controlled by—
Tucson, Ariz. (portable).....	6XAZ	R. D. Whitacre and L. R. Wilson, 417 East Speedway.
Tucson, Ariz.....	6YB	University of Arizona.
Tulsa, Okla.....	5ZBF	Tulsa Radio Co.
Underwood, Wash. (near).....	7XQ	Northwestern Electric Co., Pittcock Block, Portland, Oreg.
University, Miss.....	5YE	University of Mississippi.
University, Va.....	3XAM	University of Virginia Radio Club.
Do.....	3YV	University of Virginia.
University Place, Nebr.....	9YD	Nebraska Wesleyan University.
Urbana, Ill.....	9XJ	University of Illinois.
Do.....	9XZ	Paul G. Busey, 1301 South Busey Avenue.
Valley Stream, N. Y.....	2XAQ	J. O. Smith, 3 Corona Avenue.
Do.....	2ZL	Do.
Valparaiso, Ind.....	9XD	Dodge's Institute of Telegraphy.
Vancouver, Wash.....	7ZK	Vernon J. Bird, 406 West Twelfth Street.
Vermillion, S. Dak.....	9YAM	University of South Dakota.
Victoria, Tex.....	5YA	Pattl Wilder High School.
Villanova, Pa.....	3YP	Villanova College.
Waco, Tex.....	5XAK	Jackson's Radio Engineering Laboratories.
Do.....	5YX	Baylor University.
Do.....	5ZAF	Sanger Brothers.
Do.....	5ZF	Henry M. Harris, Box 427.
Wailuku, Hawaii.....	6ZAC	Clifford J. Dow, care of Maui Telephone Co.
Walnut Grove, Calif.....	6ZX	Jesse V. Wise.
Washington, D. C.....	3XI	Catholic University of America.
Do.....	3XL	Washington Radio Laboratories (Alfred Crossley).
Do.....	3XO	Central High School.
Do.....	3YA	Loomis Radio School.
Do.....	3YL	Knights of Columbus Service School.
Do.....	3YN	National Radio Institute.
Do.....	3YS	George Washington University.
Do.....	3ZB	A. E. Brown (Bliss Electrical School).
Do.....	3ZE	Harold A. Snow, 1656 Newton Street.
Do.....	3ZH	Herbert Hoover, jr., 2300 S Street NW.
Do.....	3ZK	Capt. Livingston Swentzel, 2039 Thirty-fourth Street.
Do.....	3ZW	Walther A. Parks, 1220 Jackson Street, NE.
Waterbury, Conn.....	1XAJ	Bureau of Fire Alarm and Police Telegraph.
Do.....	1XT	Bristol Co.
Wayne, Nebr.....	9YT	State Normal School and Teachers College.
Webster, N. Y.....	8XAN	Charles F. Nichols, Elm Street.
West Lafayette, Ind.....	9YB	Purdue University.
Wheeling, W. Va.....	8ZW	John C. Stroebel, jr. and Earl W. Weimer, 42 Poplar Avenue.
White Sulphur Springs, W. Va.....	8XP	General Electric Co., Schenectady, N. Y.
Wichita Falls, Tex.....	5ZBC	Lundy L. Zeigler, 2007 Huff Avenue.
Wilkes-Barre, Pa.....	8ZS	John H. Stenger, jr., 66 Gildersleeve Street.
Winfield, N. Y.....	2XP	Louis G. Pacent, Meyers Avenue and Queens Boulevard.
Winter Park, Fla.....	4XK	C. J. Holdorf.
Winthrop, Mass.....	1XQ	Lloyd C. Greene, 88 Somerset Avenue.
Wooster, Ohio.....	8YAH	College of Wooster.
Worcester, Mass.....	1XS	Otis C. White, 17 Herman Street.
Do.....	1XZ	Clark University.
Do.....	1YK	Worcester Polytechnic Institute.
Yankton, S. Dak.....	9YAK	Yankton College.
Yellow Springs, Ohio.....	8YV	Antioch College.
Yonkers, N. Y.....	2ZS	Carman R. Runyon, jr., 544 North Broadway.

SPECIAL LAND STATIONS GROUPED BY DISTRICTS.

Call signal.	District and station.	Call signal.	District and station.
	First district:		Second district—Continued.
1XA	Brookline, Mass.	2XL	Tarrytown, N. Y.
1XAA	Noroton Heights, Conn.	2XM	New York, N. Y.
1XAB	Cambridge, Mass.	2XN	Do.
1XAD	Pawtucket, R. I.	2XNA	Do.
1XAE	Springfield, Mass.	2XNB	Do.
1XAF	Boston, Mass.	2XO	Do.
1XAG	Boston (portable).	2XP	Winfield, N. Y.
1XAH	Orono, Me.	2XQ	Schenectady, N. Y.
1XAI	Amston, Conn.	2XR	New York, N. Y.
1XAJ	Waterbury, Conn.	2XS	Port Jefferson, N. Y.
1XAK	Glenbrook, Conn.	2XT	Brooklyn, N. Y.
1XAL	Marion, Mass.	2XU	New York, N. Y.
1XAM	South Manchester, Conn.	2XX	Ossining, N. Y.
1XAN	Dartmouth, Mass.	2XY	New York, N. Y.
1XAO	Belfast, Me.	2XZ	Do.
1XAP	Do.	2YM	Do.
1XB	Greenwich, Conn.	2ZC	South Orange, N. J.
1XD	Green Harbor, Mass.	2ZD	Stapleton, N. Y.
1XE	Medford Hillside, Mass.	2ZG	New York, N. Y.
1XG	Bangor, Me.	2ZK	New Rochelle, N. Y.
1XH	New Haven, Conn.	2ZL	Valley Stream, N. Y.
1XI	Gloucester, Mass.	2ZB	Yonkers, N. Y.
1XJ	Cambridge, Mass.	2ZV	Richmond Hill, N. Y.
1XK	Newton, Mass.		Third district:
1XL	Lynn, Mass.	3XA	Philadelphia, Pa.
1XM	Cambridge, Mass.	3XAB	Charlottesville, Va.
1XN	Middletown, Conn.	3XAH	Reading, Pa.
1XO	Cambridge, Mass.	3XAI	Philadelphia, Pa.
1XP	Athol, Mass.	3XAJ	Takoma Park, Md.
1XQ	Winthrop, Mass.	3XAM	University, Va.
1XS	Worcester, Mass.	3XB	Philadelphia, Pa.
1XT	Waterbury, Conn.	3XC	Do.
1XU	Stockbridge, Mass.	3XD	Cherrydale, Va.
1XV	Dartmouth, Mass.	3XG	Baltimore, Md.
1XX	Providence, R. I.	3XI	Washington, D. C.
1XZ	Worcester, Mass.	3XJ	Philadelphia, Pa.
1YB	Hanover, N. H.	3XK	Do.
1YC	Boston, Mass.	3XL	Washington, D. C.
1YD	Northfield, Vt.	3XM	Princeton, N. J.
1YK	Worcester, Mass.	3XN	Blacksburg, Va.
1YB	Boston, Mass.	3XO	Washington, D. C.
1ZA	Brunswick, Me.	3XP	Delanco, N. J.
1ZE	Marion, Mass.	3XR	Hyattsville, Md.
	Second district:	3XS	Philadelphia, Pa.
2XA	Schenectady, N. Y.	3XV	Do.
2XAC	Stapleton, N. Y.	3XW	Parkesburg, Pa.
2XAE	Schenectady, N. Y.	3XX	Baltimore, Md.
2XAI	Newark, N. J.	3YA	Washington, D. C.
2XAK	Do.	3YC	Philadelphia, Pa.
2XAL	New York, N. Y.	3YE	Staunton, Va.
2XAM	New Brunswick, N. J.	3YF	Philadelphia, Pa.
2XAN	Great Neck, N. Y.	3YG	Do.
2XAO	Belmar, N. J.	3YH	Baltimore, Md.
2XAP	Troy, N. Y.	3YI	Philadelphia, Pa.
2XAQ	Valley Stream, N. Y.	3YK	Lexington, Va.
2XAR	Newark, N. J.	3YL	Washington, D. C.
2XAT	New York, N. Y.	3YN	Do.
2XAU	Eatontown, N. J.	3YO	Easton, Pa.
2XAV	New York, N. Y. (portable).	3YP	Villanova, Pa.
2XAW	New York, N. Y.	3YQ	Camden, N. J.
2XAX	Do.	3YR	Baltimore, Md.
2XAY	Metuchen, N. J.	3YS	Washington, D. C.
2XB	New York, N. Y.	3YV	University, Va.
2XC	Do.	3ZA	Bala, Pa.
2XD	Hoboken, N. J.	3ZAA	Buena Vista, Va.
2XE	Richmond Hill, N. Y.	3ZAC	Philadelphia, Pa.
2XF	Cliffwood, N. J.	3ZB	Washington, D. C.
2XG	New York, N. Y.	3ZD	Camp Hill, Pa.
2XI	Schenectady, N. Y.	3ZE	Washington, D. C.
2XJ	Deal Beach, N. J.	3ZF	Friendship Heights, Md.
2XK	New York, N. Y.	3ZG	Philadelphia, Pa.

SPECIAL LAND STATIONS GROUPED BY DISTRICTS—Continued.

Call signal.	District and station.	Call signal.	District and station.
	Third district—Continued.		Fifth district—Continued.
3ZH	Washington, D. C.	5YA	Victoria, Tex.
3ZK	Do.	5YC	New Orleans, La.
3ZM	Media, Pa.	5YD	Agricultural College, Miss.
3ZN	Philadelphia, Pa.	5YE	University, Miss.
3ZO	Parkesburg, Pa.	5YG	Houston, Tex.
3ZP	Richmond, Va.	5YK	New Braunfels, Tex.
3ZQ	Philadelphia, Pa.	5YL	Thibodaux, La.
3ZS	St. Davids, Pa.	5YM	Fayetteville, Ark.
3ZU	Baltimore, Md.	5YN	Ablene, Tex.
3ZV	Norristown, Pa.	5YQ	Albuquerque, N. Mex.
3ZW	Washington, D. C.	5YR	New Orleans, La.
3ZX	Lexington, Va.	5YS	Fort Worth, Tex.
3ZZ	Craddock, Va.	5YT	San Marcos, Tex.
	Fourth district:	5YU	New Orleans, La.
4XA	Atlanta, Ga.	5YV	Fort Worth, Tex.
4XC	Do.	5YW	Baton Rouge, La.
4XD	Charlotte, N. C.	5YX	Waco, Tex.
4XG	Tampa, Fla.	5ZA	Roswell, N. Mex.
4XH	Atlanta, Ga.	5ZAB	Houma, La.
4XI	Do.	5ZAC	Baton Rouge, La.
4XJ	Tampa, Fla.	5ZAD	El Paso, Tex.
4XK	Winter Park, Fla.	5ZAE	San Antonio, Tex.
4XL	Macon, Ga.	5ZAF	Waco, Tex.
4XN	Atlanta, Ga.	5ZAG	Austin, Tex.
4XO	College Park, Ga.	5ZAH	Fort Worth, Tex.
4XP	Key West, Fla.	5ZAI	Beesville, Tex.
4YA	Atlanta, Ga.	5ZAJ	Kountze, Tex.
4YB	Savannah, Ga.	5ZAK	San Antonio, Tex.
4YC	Raleigh, N. C.	5ZAL	Enid, Okla.
4YD	Atlanta, Ga.	5ZAM	Commerce, Tex.
4ZB	Do.	5ZAN	Laredo, Tex.
4ZE	Jacksonville, Fla.	5ZAO	Roswell, N. Mex.
4ZF	Decatur, Ga.	5ZAP	New Orleans, La.
4ZG	Tallulah Falls, Ga.	5ZAQ	Dallas, Tex.
4ZH	St. Petersburg, Fla.	5ZAR	El Paso, Tex.
4ZI	Asheville, N. C.	5ZAS	Birmingham, Ala.
4ZJ	Fort Lauderdale, Fla.	5ZAT	Oklahoma, Okla.
	Fifth district:	5ZAU	Bay St. Louis, Miss.
5XA	Auburn, Ala.	5ZAV	Oklahoma, Okla.
5XAA	Houston, Tex.	5ZAW	Dallas, Tex.
5XAB	Little Rock, Ark.	5ZAX	Ablene, Tex.
5XAC	Conway, Ark.	5ZAY	Dallas, Tex.
5XAD	Orange, Tex.	5ZAZ	Fayetteville, Ark.
5XAE	Mobile, Ala.	5ZB	Memphis, Tenn.
5XAF	Oklahoma, Okla.	5ZBA	Do.
5XAH	Plainview, Tex.	5ZBB	El Paso, Tex.
5XAI	Pine Bluff, Ark.	5ZBC	Wichita Falls, Tex.
5XAJ	Dublin, Tex.	5ZBD	Mobile, Ala.
5XAK	Waco, Tex.	5ZBE	New Orleans, La.
5XAM	Albuquerque, N. Mex.	5ZBF	Tulsa, Okla.
5XAN	Houston, Tex.	5ZC	Dallas, Tex.
5XAO	New Orleans, La.	5ZD	Alexandria, La.
5XAP	Fort Worth, Tex.	5ZE	Houston, Tex.
5XB	College Station, Tex.	5ZF	Waco, Tex.
5XBA	Montgomery, Ala.	5ZG	Norman, Okla.
5XBB	Houston, Tex.	5ZH	Amarillo, Tex.
5XBC	Dallas, Tex.	5ZJ	Medilla Park, N. Mex.
5XBD	Enid, Okla.	5ZK	Franklinton, La.
5XBE	Knoxville, Tenn.	5ZL	Little Rock, Ark.
5XBF	Sand Springs, Okla.	5ZM	Enid, Okla.
5XC	Birmingham, Ala.	5ZN	Eagle Pass, Tex.
5XD	State College, N. Mex.	5ZO	Houston, Tex.
5XE	Burrwood, La.	5ZP	College Station, Tex.
5XF	Brownwood, Tex.	5ZQ	Ponca City, Okla.
5XG	Oklahoma, Okla.	5ZR	North Little Rock, Ark.
5XH	New Orleans, La.	5ZS	Shreveport, La.
5XJ	Dublin, Tex.	5ZT	Houston, Tex.
5XK	Knoxville, Tenn.	5ZU	Austin, Tex.
5XM	New Orleans, La.	5ZV	Houston, Tex.
5XN	Houston, Tex.	5ZW	Juliff, Tex.
5XO	Do.	5ZX	Houston, Tex.
5XP	San Antonio, Tex.	5ZY	Fort Worth, Tex.
5XQ	New Orleans, La.	5ZZ	Blackwell, Okla.
5XT	Oklahoma, Okla.		Sixth district:
5XU	Austin, Tex.	6XA	Oakland, Calif.
5XV	Port Arthur, Tex.	6XAA	San Francisco, Calif.
5XW	Norman, Okla.	6XAD	Avalon, Calif.
5XY	San Antonio, Tex.	6XAE	San Francisco, Calif.
5XX	Austin, Tex.	6XAG	Sunnyvale, Calif.
5XZ	Grand Coteau, La.	6XAH	Los Angeles, Calif.

SPECIAL LAND STATIONS GROUPED BY DISTRICTS—Continued.

Call signal.	District and station.	Call signal.	District and station.
	Sixth district—Continued.		Seventh district:
6XAI	San Diego, Calif.	7XB	Bozeman, Mont.
6XAJ	Oakland, Calif.	7XC	Seattle, Wash.
6XAK	Los Angeles, Calif.	7XE	Do.
6XAL	Stockton, Calif.	7XF	Portland, Oreg.
6XAM	Oakland, Calif.	7XH	Corvallis, Oreg.
6XAN	Fullerton, Calif.	7XI	Portland, Oreg.
6XAO	Piedmont, Calif.	7XJ	Seattle, Wash.
6XAP	Honolulu, Hawaii	7XK	Do.
6XAQ	Los Angeles, Calif.	7XL	Portland, Oreg.
6XAR	Oakland, Calif.	7XM	Butte, Mont.
6XAS	Los Angeles, Calif.	7XN	Thompson Falls, Mont.
6XAT	Eagle Rock, Calif.	7XO	Rainbow, Mont. (near Great Falls)
6XAV	Reedley, Calif.	7XQ	Underwood, Wash. (near)
6XAW	Los Angeles, Calif.	7XR	Seattle, Wash.
6XAX	El Monte, Calif.	7XS	Do.
6XAY	Berkeley, Calif.	7XU	Do.
6XAZ	Tucson, Ariz. (portable).	7XV	Tacoma, Wash.
6XB	San Francisco, Calif.	7XW	Pullman, Wash.
6XBA	Los Angeles, Calif.	7XZ	Seattle, Wash.
6XBB	San Francisco, Calif.	7YA	Boise, Idaho.
6XBC	Los Angeles, Calif.	7YB	Eugene, Oreg.
6XBD	Los Angeles, Calif. (portable).	7YC	Seattle, Wash.
6XBE	Salt Lake City, Utah (airplane).	7YD	Portland, Oreg.
6XBF	Altadena, Calif.	7YE	Polytechnic, Mont.
6XBG	Salt Lake City, Utah.	7YF	Corvallis, Oreg.
6XBH	Clifton, Ariz.	7YG	Portland, Oreg.
6XC	San Francisco, Calif.	7YI	Spokane, Wash.
6XD	Los Angeles, Calif.	7YJ	Seattle, Wash.
6XE	San Jose, Calif. (portable).	7YK	Portland, Oreg.
6XF	San Jose, Calif.	7YL	Spokane, Wash.
6XG	San Francisco, Calif.	7YM	Seattle, Wash.
6XH	Stanford University, Calif.	7YN	Portland, Oreg.
6XI	Pasadena, Calif.	7YO	Tacoma, Wash.
6XJ	Los Angeles, Calif.	7YQ	Enumclaw, Wash.
6XK	Do.	7YR	Spirit Lake, Wash.
6XL	Do.	7YS	Lacey, Wash.
6XM	Berkeley, Calif.	7ZA	Hood River, Oreg.
6XN	San Diego, Calif. (portable).	7ZB	Portland, Oreg.
6XQ	Los Angeles, Calif.	7ZC	Helena, Mont.
6XR	Altadena, Calif.	7ZD	Greybull, Wyo.
6XS	San Gabriel, Cal. f.	7ZE	Elk, Wyo.
6XT	Los Angeles, Calif.	7ZF	Butte, Mont.
6XU	Fresno, Calif.	7ZG	Douglas, Mont.
6XV	Palo Alto, Calif.	7ZH	Enterprise, Oreg.
6XW	Oakland, Calif.	7ZI	Boise, Idaho.
6XX	San Francisco, Calif.	7ZK	Vancouver, Wash.
6XY	Los Angeles, Calif.	7ZL	Bozeman, Mont.
6XZ	San Diego, Calif.	7ZM	Moscow, Idaho.
6YA	Los Angeles, Calif.	7ZN	Boise, Idaho.
6YB	Tucson, Ariz.	7ZO	Casper, Wyo.
6YC	Redlands, Calif.	7ZQ	Helena, Mont.
6YD	Provo, Utah.	7ZR	Portland, Oreg.
6ZA	Salt Lake City, Utah.	7ZS	Pullman, Wash.
6ZAA	Pasadena, Calif.	7ZU	Polytechnic, Mont.
6ZAC	Walluku, Hawaii.	7ZV	Douglas, Wyo.
6ZAD	Sunnyvale, Calif.		Eighth district:
6ZAL	Eagle Rock, Calif.	8XA	Ann Arbor, Mich.
6ZAM	Ogden, Utah.	8XAD	Buffalo, N. Y.
6ZAO	Los Angeles, Calif.	8XAE	Mount Clemens, Mich.
6ZB	San Diego, Calif.	8XAF	Highland Park, Mich.
6ZC	Cochise, Ariz.	8XAG	Hamilton, Ohio.
6ZD	Berkeley, Calif.	8XAH	Cincinnati, Ohio.
6ZE	San Francisco, Calif.	8XAJ	Do.
6ZF	Reedley, Calif.	8XAK	Springfield, Ohio.
6ZG	Los Angeles, Calif.	8XAM	Binghamton, N. Y.
6ZH	San Ysidro, Calif.	8XAN	Webster, N. Y.
6ZI	Oakland, Calif.	8XAO	Rochester, N. Y.
6ZJ	Redlands, Calif.	8XAP	Connellsville, Pa.
6ZK	Sunnyvale, Calif.	8XAQ	Connellsville, Pa. (portable).
6ZM	Salt Lake City, Utah.	8XAR	Detroit, Mich.
6ZN	San Fernando, Calif.	8XAS	Grosse Point Farms, Mich.
6ZO	Reno, Nev.	8XAT	Columbus, Ohio.
6ZQ	Berkeley, Calif.	8XAV	Baldwinsville, N. Y.
6ZR	Los Angeles, Calif.	8XAX	Scranton, Pa.
6ZS	Do.	8XB	Cincinnati, Ohio.
6ZT	Salt Lake City, Utah.	8XD	Dearborn, Mich.
6ZV	Do.	8XE	State College, Pa.
6ZW	Avalon, Calif.	8XF	Kalamazoo, Mich.
6ZX	Walnut Grove, Calif.	8XH	Cazenovia, N. Y.
6ZY	Honolulu, Hawaii	8XJ	Columbus, Ohio.
6ZZ	Douglas, Ariz.	8XK	Pittsburgh, Pa.
		8XL	Northville, Mich.

SPECIAL LAND STATIONS GROUPED BY DISTRICTS—Continued.

Call signal.	District and station.	Call signal.	District and station.
Eighth district—Continued.		Ninth district—Continued.	
8XM	Cleveland, Ohio.	9XB	Chicago, Ill. (portable).
8XN	Lewisburg, Pa.	9XC	Colorado Springs, Colo.
8XO	Cleveland, Ohio.	9XD	Valparaiso, Ind.
8XP	White Sulphur Springs, W. Va.	9XE	Davenport, Iowa.
8XQ	Rochester, N. Y.	9XF	Rockford, Ill.
8XR	Columbus, Ohio.	9XG	Chicago, Ill.
8XG	East Pittsburgh, Pa.	9XH	Fort Wayne, Ind.
8XT	Cincinnati, Ohio.	9XI	Minneapolis, Minn.
8XU	Ithaca, N. Y.	9XJ	Urbana, Ill.
8XV	Pittsburgh, Pa.	9XK	Kansas City, Mo.
8XX	Do.	9XM	Madison, Wis.
8XY	Do.	9XN	Chicago, Ill.
8XZ	Detroit, Mich.	9XO	Do.
8YA	Auburn, N. Y.	9XP	El Dorado, Kans.
8YAA	Marietta, Ohio.	9XR	St. Louis, Mo.
8YAB	Toledo, Ohio.	9XT	Collegeville, Minn.
8YAC	Cincinnati, Ohio.	9XU	Chicago, Ill.
8YAD	Do.	9XY	Do.
8YAE	Oberlin, Ohio.	9XZ	Urbana, Ill.
8YAF	Detroit, Mich.	9YA	Iowa City, Iowa.
8YAG	Beatty, Pa.	9YAA	Emporia, Kans.
8YAH	Wooster, Ohio.	9YAB	St. Louis, Mo.
8YD	East Cleveland, Ohio.	9YAC	Superior, Wis.
8YE	Morgantown, W. Va.	9YAE	Le Mars, Iowa.
8YH	Do.	9YAG	Bloomington, Ind.
8YK	Delaware, Ohio.	9YAH	Gunnison, Colo.
8YL	Cleveland, Ohio.	9YAJ	Northfield, Minn.
8YM	Granville, Ohio.	9YAK	Yankton, S. Dak.
8YN	Battle Creek, Mich.	9YAM	Vermillion, S. Dak.
8YP	Buffalo, N. Y.	9YAO	Des Moines, Iowa.
8YS	Cincinnati, Ohio.	9YAP	Davenport, Iowa.
8YT	Alliance, Ohio.	9YAQ	Cape Girardeau, Mo.
8YU	Dayton, Ohio.	9YAR	Appleton, Wis.
8YV	Grove City, Pa.	9YAT	Rushville, Nebr.
8YW	Detroit, Mich.	9YB	West Lafayette, Ind.
8YX	Cincinnati, Ohio.	9YO	Lexington, Ky.
8YY	Yellow Springs, Ohio.	9YD	University Place, Nebr.
8YZ	Pittsburgh, Pa.	9YG	Agricultural College, N. Dak.
8ZA	New Philadelphia, Ohio.	9YH	Evanston, Ill.
8ZAA	Springfield, Ohio.	9YI	Ames, Iowa.
8ZAC	Barnesville, Ohio.	9YJ	Greencastle, Ind.
8ZAD	Mayville, N. Y.	9YK	St. Louis, Mo.
8ZAE	Pittsburgh, Pa.	9YL	Chicago, Ill.
8ZAF	Columbus, Ohio.	9YM	Columbia, Mo.
8ZAG	Grand Rapids, Mich.	9YN	Rolla, Mo.
8ZD	Pittsburgh, Pa.	9YO	Lamoni, Iowa.
8ZE	Swasvale, Pa.	9YP	Omaha, Nebr.
8ZF	Lansing, Mich.	9YQ	Oulver, Ind.
8ZG	Salem, Ohio.	9YR	Fulton, Mo.
8ZH	Cincinnati, Ohio.	9YS	Bloomington, Ill.
8ZN	Ashland, Ohio.	9YT	Wayne, Nebr.
8ZO	Marietta, Ohio.	9YU	Crete, Nebr.
8ZP	Cleveland, Ohio.	9YV	Manhattan, Kans.
8ZQ	Dunmore, Pa.	9YW	Rapid City, S. Dak.
8ZS	Wilkes-Barre, Pa.	9YX	Minneapolis, Minn.
8ZU	Mansfield, Ohio.	9YY	Lincoln, Nebr.
8ZV	Canton, Ohio.	9ZA	Dubuque, Iowa.
8ZW	Wheeling, W. Va.	9ZAA	Clarinda, Iowa.
8ZX	Dover, Ohio.	9ZAC	Anthony, Kans.
8ZY	Defiance, Ohio.	9ZAF	Denver, Colo.
8ZZ	Highland Park, Mich.	9ZB	St. Louis, Mo.
Ninth district:		9ZC	Bandette, Minn.
9XA	Monroe, Wis.	9ZG	Elgin, Ill.
9XAB	Kansas City, Mo.	9ZI	Lexington, Ky.
9XAC	Davenport, Iowa.	9ZL	Neenah, Wis.
9XAG	Denver, Colo.	9ZN	Chicago, Ill.
9XAI	Golden, Colo.	9ZT	Minneapolis, Minn.
9XAQ	Boulder, Colo.	9ZU	Sioux City, Iowa.
9XAR	Omaha, Nebr.	9ZX	Ellendale, N. Dak.
9XAS	Mayville, N. Dak.	9ZY	La Crosse, Wis.

RADIO FOG SIGNALS.

The following radio fog signals are operated by the United States Lighthouse Service:

- FIRE ISLAND LIGHT VESSEL, N. Y. (lat. 40° 28' 40" N., long. 73° 11' 26" W.)—**
Groups of two dashes for.... 25 seconds.
Silent..... 25 seconds.
- AMBROSE CHANNEL LIGHT VESSEL, N. J. (lat. 40° 27' 59" N., long. 73° 50' 02" W.)—**
Single dashes for..... 20 seconds.
Silent..... 20 seconds.
- SEA GIRT LIGHT STATION, N. J. (lat. 40° 08' 12" N., long. 74° 01' 40" W.)—**
Groups of three dashes for... 30 seconds.
Silent..... 3 minutes.
- CAPE HENRY LIGHT STATION, VA. (lat. 36° 55' 35" N., long. 76° 00' 27" W.)—**
Group of two dots followed
by one dash for....., 20 seconds.
Silent..... 15 seconds.
- DIAMOND SHOAL LIGHT VESSEL, N. C. (lat. 35° 05' 18" N., long. 75° 19' 44" W.)—**
Groups of two dashes for.... 30 seconds.
Silent..... 30 seconds.
- SAN FRANCISCO LIGHT VESSEL, CALIF. (lat. 37° 45' 03" N., long. 122° 41' 30" W.)—**
Group of two dashes for.... 30 seconds.
Silent..... 30 seconds.
- BLUNTS REEF LIGHT VESSEL, CALIF. (lat. 40° 26' 04" N., long. 124° 30' 14" W.)—**
Single dashes for..... 30 seconds.
Silent..... 35 seconds.

These signals are operated continuously during thick or foggy weather.

The signals are sent on 1,000 meter wave.

A vessel equipped with a radio compass may determine its bearing from these stations, although they may not be visible.

The track of a radio wave is approximately a great circle; in plotting bearings, therefore, taken at a considerable distance, on a chart of the Mercator projection, it must be remembered that the line of bearing is not a straight line excepting in the meridian.

This system of obtaining bearings is the reverse of that used by the United States Navy at its radio compass stations.

RADIO COMPASS STATIONS INSTRUCTIONS.

The Naval Communications Service will furnish radio bearings to mariners of all vessels equipped with radio telegraph transmitters. While the use of these bearings should not lead a mariner to neglect other precautions, such as the use of the lead, etc., during a fog, these bearings will greatly reduce the dangers to navigation for mariners who are compelled for any reason to proceed during foggy or misty weather. These radio compass stations are provided, primarily, to assist the mariner in closing the land during fog or poor visibility, but they may also be used to obtain the positions of vessels at sea in radio compass range, about 150 miles, when for any reason positions can not be obtained by other means.

The maximum distance for which bearings from these stations are accurate is 150 miles. But accurate positions can not be plotted when more than 50 miles from the shore on Mercator charts, for the Mercator projection introduces a distortion of the true bearing. Charts based on Gnomonic projection are essential to plot correctly long-distance radio bearings. Such charts are now under construction by the Hydrographic Office, and until they are available mariners may use the Mercator chart for long-distance bearings, applying necessary corrections, which may be obtained by various methods, one of which is fully explained on the backs of H. O. Pilot Charts of the North Atlantic Ocean for February, 1921; North Pacific Ocean for May, 1921; Indian Ocean for June, 1921; and Central American waters for March, 1921.

Radio compass stations are divided into two classes:

(a) Single stations, operating independently and furnishing a single bearing. These stations are located with the view of giving service to ships at a distance of not over 150 miles from the station.

(b) Harbor entrance groups. All stations in harbor entrance groups are connected to and controlled by the master station. All stations of the group take bearings simultaneously, and these bearings are transmitted to the ship requesting them by the control station. The purpose of these stations is to lead mariners to the light vessels off harbor entrances.

Where only one radio compass station is available, the mariner may fix his position by two or more bearings from the station with the distance run between or may use the bearing as a line of position or as a danger bearing. Or the bearing may be crossed with a line of position obtained from an observation of an astronomical body to establish a fix.

Wave lengths.—All independent and group radio compass stations keep watch on 800 meters. Only this wave should be used to call and work with these stations.

Calling a radio compass station.—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 the conventional signal given hereafter. Simultaneous bearings from two or more compass stations can be obtained by making the call include the other compass stations desired. To obtain bearings from the harbor entrance, compass stations carry out the procedure previously given. The compass control station only will answer.

Conventional signals.—The following abbreviated signals will be used:

Signal.	Meaning.
QTE.....	What is my true bearing?
QTE.....	Your true bearing is — degrees from — radio compass station.

(a) *Procedure in detail.*—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 it will send the signal "K," indicating to the ship to commence "testing"; i. e., repeating its distinguishing signal for a period of 50 seconds. The signal should be made slowly with the dashes considerably prolonged.

(b) The testing should be made on 800 meters, upon the completion of which the ship should await reply from the radio compass station.

(c) The radio compass station or control station will then reply, repeating the abbreviation "QTE," ("Your bearing from _____ was _____ degrees"), followed by the bearing in degrees given by a group of three figures 000 to 359, indicating the true bearing in degrees of the ship station from the radio compass station, and then the time group giving the time of observations in local standard time. In the case of more than one radio compass connected by land line only the station originally called will answer. This station will combine all the bearings taken by itself and associated station into one message, which gives each bearing observed immediately after the name of the station making the observation.

All radio compass stations transmit on 800 meters.

Example.—A ship (call letters KVA) desires to get bearings from the Delaware Bay entrance group (call letters NSD). The following procedure is used:

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- . . . . NSD NSD NSD _ . . . . KVA KVA KVA _ . . . . QTE
  . . . . . AR
- . . . . KVA _ . . . . NSD K
- . . . . NSD _ . . . . KVA _ . . . . QTE . . . . . KVA KVA KVA
  _____ (making call letters KVA for 50 seconds prolonging the dashes)
  . . . . . KVA AR
- . . . . KVA _ . . . . NSD _ . . . . QTE
Cape May 120, Cape Henlopen 110, Bethany Beach 085 at 0128 _ . . . .
NSD AR
- . . . . NSD _ . . . . KVA _ . . . . 120 110 085 at 0128 . . . . . AR
- . . . . KVA _ . . . . NSD R . . . . . NSD

```

This method is the only authorized procedure for calling, answering, and testing and should be followed exactly. Such signals as MO _ V _ and other test signals are not authorized for radio compass traffic. The testing period of 50 seconds should not be exceeded. Mariners who do not follow the prescribed procedure exactly occasion delay to themselves in obtaining bearing and to other mariners who may be waiting for an opportunity to use the radio compass stations.

Danger from reciprocal bearings.—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 the 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 by approximately 180 degrees, and whichever bearing is suitable should be used.

Caution.—Mariners receiving bearings which are evidently the approximate reciprocal of the correct bearing should never attempt to correct these bearings by applying a correction of 180 degrees, as such correction would not include the correction necessary on account of deviation at the compass station. An error as large as 30 degrees may be introduced by mariners applying an arbitrary correction of 180 degrees to such bearings. Vessels receiving bearings manifestly requiring an approximate 180-degree correction should request the other bearing from the radio compass station if not previously furnished.

Bearings, except in the case of approximate reciprocal bearings, should be accurate within 2 degrees of arc provided the transmitting equipment on board vessels is tuned sharply to 800 meters. Operators should use sufficiently wide coupling to obtain low decrement. If radio transmitters are not tuned sharply, it is difficult to obtain bearings that are sufficiently accurate for navigational purposes. When bearings from three or more compass stations are not over 2 degrees of arc in error, but do not meet at a fixed point, the geometric center of the triangle formed by the bearings can generally be taken as the approximate position of the vessel.

Mariners until thoroughly familiar with the system are advised to use radio compass stations frequently, especially in clear weather, when positions of vessels can be accurately fixed in order to accustom operators to the procedure and to acquaint themselves with the degree of accuracy and dependability of bearings furnished by the radio compass stations.

Reports.—In order that the operation of shore radio compass stations may be checked, mariners obtaining bearings are requested to forward a brief report to the Director Naval Communications, Navy Department, Washington, D. C., containing the following particulars:

1. Name of ship.
2. Name of radio compass station.
3. Date and local standard time at which radio bearing was taken.
4. Bearing given by radio compass station.
5. Estimated position of ship at above time and dates by methods other than radio.
6. The probable degree of accuracy of the estimated position.
7. Weather conditions at above time.
8. Remarks, if any.
9. Signature of master or responsible navigating officer.

There is no charge for bearings furnished by the United States naval radio compass stations.

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

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

ATLANTIC COAST.

Station.	Call.	Position.
Amagansett, Long Island, N. Y.	NBM	Lat. 40-58-10 N., long. 72-07-27 W.
Anacostia, D. C.	NSF	Lat. 38-51-26 N., long. 77-00-56 W.
Bar Harbor, Me.	NBD	Lat. 44-18-36 N., long. 68-11-27 W.
Bethany Beach, Del.	NSD	Lat. 38-32-45 N., long. 75-03-22 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.
Deer Island, Mass.	NAD	Lat. 42-21-16 N., long. 70-57-29 W.
Fire Island, N. Y.	NAH	Lat. 40-38-07 N., long. 73-12-32 W.
Folly Island, S. C.	NZV	Lat. 32-41-00 N., long. 79-53-22 W.
Fourth Cliff, Mass.	NAD	Lat. 42-09-40 N., long. 70-42-22 W.
Gloucester, Mass.	NAD	Lat. 42-35-19 N., long. 70-41-08 W.
Hog Island, Va.	NCZ	Lat. 37-22-36 N., long. 75-42-37 W.
Jupiter, Fla.	NAQ	Lat. 26-56-59 N., long. 80-04-57 W.
Key West, Fla.	NAR	Lat. 24-33-08 N., long. 81-45-18 W.
Lakehurst, N. J.	NEL	Lat. 40-02-15 N., long. 74-20-13 W.
Manasquan, N. J.	NAH	Lat. 40-07-05 N., long. 74-01-58 W.
North Island, S. C.	NZW	Lat. 33-13-18 N., long. 79-11-10 W.
North Truro, Mass.	NAE	Lat. 42-02-23 N., long. 70-03-37 W.
Pensacola, Fla.	NAS	Lat. 30-20-46 N., long. 87-16-54 W.
Poyners Hill, N. C.	NCZ	Lat. 36-17-16 N., long. 75-47-48 W.
Prices Neck, N. I.	NAF	Lat. 41-27-04 N., long. 71-20-16 W.
Sandy Hook, N. J.	NAH	Lat. 40-27-54 N., long. 73-59-50 W.
South Pass, La.	NBX	Lat. 29-00-43 N., long. 89-09-32 W.
Surfside (Nantucket), Mass.	NBS	Lat. 41-14-39 N., long. 70-05-53 W.
Tybee Island, Ga.	NEV	Lat. 32-00-58 N., long. 80-50-27 W.
Virginia Beach, Va.	NCZ	Lat. 36-51-10 N., long. 75-58-33 W.

PACIFIC COAST.

Bird Island, Calif.	NLD	Lat. 37-49-27 N., long. 122-32-12 W.
Cape Hinchinbrook, Alaska.	NRM	Lat. 60-14-00 N., long. 146-38-54 W.
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.
Farallon Islands, Calif.	NPI	Lat. 37-41-58 N., long. 122-59-56 W.
Fort Stevens, Oreg.	NZS	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.	NZS	Lat. 46-27-53 N., long. 124-03-16 W.
Point Arguello.	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 Hueneme, Calif.	NMD	Lat. 34-08-43 N., long. 119-12-30 W.
Point Loma, Calif.	NPL	Lat. 32-42-21 N., long. 117-15-17 W.
Point Montara, Calif.	NLI	Lat. 37-32-02 N., long. 122-31-07 W.
Point Reyes, Calif.	NLG	Lat. 38-02-13 N., long. 122-59-36 W.
Smith Island, Wash.	NFH	Lat. 48-19-04 N., long. 122-50-39 W.
Soapstone Point, Alaska.	NUW	Lat. 58-06-13 N., long. 136-29-51 W.
Tatoosh, Wash.	NPD	Lat. 48-23-41 N., long. 124-44-13 W.

GREAT LAKES.

Detour Point, Mich.	NZU	Lat. 45-57-20 N., long. 83-54-54 W.
Eagle Harbor, Mich.	NUG	Lat. 42-27-49 N., long. 85-06-45 W.
Grand Marais, Mich.	NZT	Lat. 46-40-29 N., long. 85-58-26 W.
Whitefish Point, Mich.	NZT	Lat. 46-46-19 N., long. 84-57-22 W.

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

ATLANTIC COAST.

Call.	Station.	Call.	Station.
NAB	Cape Elizabeth (Portland, Me.).	NBS	Surfside (Nantucket), Mass.
NAD	Deer Island, Mass.	NBX	South Pass, La.
NAD	Fourth Cliff, Mass.	NCZ	Hog Island, Va.
NAD	Gloucester, Mass.	NCZ	Poyners Hill, N. C.
NAE	North Truro, Mass.	NCZ	Virginia Beach, Va.
NAF	Prices Neck, R. I.	NDW	Cape Hatteras, N. C.
NAH	Manasquan, N. J.	NEL	Lakeland, N. J.
NAH	Sandy Hook, N. J.	NEV	Tybee Island, Ga.
NAH	Fire Island, N. Y.	NSD	Cape May, N. J.
NAN	Cape Lookout, N. C.	NSD	Cape Henlopen, Del.
NAQ	Jupiter, Fla.	NSD	Bethany Beach, Del.
NAR	Key West, Fla.	NSF	Anacostia, D. C.
NAS	Pensacola, Fla.	NZV	Folly Island, S. C.
NBD	Bar Harbor (Otter Cliffs), Me.	NZW	North Island, S. C.
NBM	Amagansett, Long Island, N. Y.		

PACIFIC COAST.

NFH	Smith Island, Wash.	NPK	Point Arguello, Calif.
NFN	Cattle Point, Wash.	NPL	Imperial Beach, Calif.
NFT	New Dungeness, Wash.	NPL	Point Loma, Calif.
NLD	Bird Island, Calif.	NPW	Eureka, Calif.
NLG	Point Reyes, Calif.	NPX	Point Fermin, Calif.
NLH	Point Montara, Calif.	NRM	Cape Hinchbrook, Alaska.
NMD	Point Hueneume, Calif.	NUW	Soapstone Point, Alaska.
NPD	Tatoosh, Wash.	NZS	Fort Stevens, Oreg.
NPF	Empire, Oreg.	NZB	Ocean Park, Wash.
NPI	Farrallon Islands, Calif.		

GREAT LAKES.

NUG	Eagle Harbor, Mich.	NZT	Grand Marais, Mich.
NZU	Detour Point, Mich.	NZT	Whitefish Point, Mich.

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).....	—
Ã (German)	End of each message (cross).....	. . . . .
. —	Transmission finished (end of work) (conclusion of correspondence).....	. . . . .
Å or Ä (Spanish-Scandinavian)		
. —		
Ç (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.¹

Abbreviation.	Question.	Answer or notice.
Q 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).
(P)	—	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..... <div style="text-align: center;">.</div> for adjustment?	I am receiving badly. Please send 20. <div style="text-align: center;">.</div> 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.
QRB	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.
QSI	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.

¹ 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 ¹	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.

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

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