

THIRD ANNUAL OFFICIAL
Wireless Blue Book

OF THE
**Wireless Association
of America**



CONTAINING A LIST OF UNITED STATES AND AMERICAN
WIRELESS TELEGRAPH STATIONS

INCLUDING

Merchant Vessels, Vessels of the U. S. Navy, Revenue Cutters,

U. S. AMATEUR STATIONS

and Map of the Western Hemisphere with Government
and Commercial Stations

CORRECTED TO JUNE 1st, 1911

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U. S. Government (*), and Commercial Land Stations

Location of station	Call letter	Owner	Location of station	Call letter	Owner
Isle of Shoales, N. H.		Commercial	Fort Gibbon, Alaska.		
Chatham, Mass.AU	AO	do	*FG		U. S. Army
Atlantic City, N. J. AX	do	do	Fort Stevens, Ore. ..FJ		Commercial
Avalon, Cal.A2	do	do	Circle City, Alaska. *FK		U. S. Army
Baltimore, Md.B	do	do	Fort Leavenworth, Kan.	*FL	do
New York, N. Y.BD	do	do	Fort St. Michael,		
Philadelphia, Pa. ...BF	do	do	Alaska	*FM	do
Buffalo, N. Y.BF	do	do	Fort Morgan, Ala. .FM		Commercial
Bridgeport, Conn. ..BG	do	do	Fort Hancock, N. J.		
Benton Harbor, Mich.			*FN		U. S. Army
BH	do	do	Fort Monroe, Va. ...FO		do
Boston, Mass. (Herald)			Petersburg, Alaska *FP		do
BH	do	do	Fort Egbert, Alaska.		
Brant Rock, Mass. BO	do	do	*FQ		do
Philadelphia, Pa. ...BS	do	do	Fort Omaha, Neb. ...FS		do
Washington, D. C. ...*BS	Experimental	do	Fort Otten, N. Y. ...FT		do
Saginaw, Mich. ...CAN	Commercial	do	Fort Levett, Me. ...FV		do
Buffalo, N. Y.CB	do	do	Wrangle, Alaska ...FW		do
Duluth, Minn.CD	do	do	Fort Wright, N. Y.		
Detroit, Mich.CF	do	do	*FW		do
Chicago, Ill.CG	do	do	Fort Worden, Wash.		
Cape May, N. J.CG	do	do	*FX		do
Port Huron, Mich. CH	do	do	Fort Riley, Kan. ...FZ		do
San Francisco, Cal. CH	Commercial (Press Service)	do	Grand Haven, Mich.		
Eric, Pa.CI	Commercial	do	GH		Commercial
Sault Ste Marie, Mich.			Grand Marions, Minn.		
CJ	do	do	GM		do
Detroit, Mich.CJL	do	do	Chicago, Ill.GO		do
Calumet, Mich.CM	do	do	Grand Rapids, Mich.		
Milwaukee, Wis.CM	do	do	GRM		do
Cleveland, O.CN	do	do	Galveston, Texas ...GV		do
Marquette, Mich. ...CQ	do	do	Los Angeles, Cal. ...G2		do
Marion, Mass.CON	Experimental	do	Holland, Mich.H		do
Ashtabula, O.CO	Commercial	do	Cape Hatteras, N. C.		
Toledo, O.CT	do	do	HA		do
Detroit, Mich.CW	do	do	New Orleans, La. ...HB		do
Cleveland, O.CX	do	do	Elizabeth City, N. C.		
Bay City, Mich.CY	do	do	HD		do
Cambridge, Mass.	Harvard University	do	New Orleans, La. ...HK		do
Seattle, Wash.DA	Commercial	do	Mackinac Island, Mich.		
Tacoma, Wash.DB	do	do	HQ		do
Washington, D. C. DC	do	do	Ludington, Mich. ...HX		do
Pasadena, Cal.DE	do	do	Amesbury, Mass. ...HY		Experimental
Santa Barbara, Cal. ...DF	do	do	Jacksonville, Fla. ...JX		Commercial
Sacramento, Cal.DG	do	do	Spokane, Wash. ...KB		do
San Pedro, Cal.DJ	do	do	St. Helen's, Ore. ...KE		do
Everett, Wash.DK	do	do	Eric, Pa.KN		do
Ikeda Head, Wash. DKD	do	do	The Dalles, Ore. ...KT		do
Duluth, Minn.DM	do	do	Walla Walla, Wash. KU		do
San Luis Obispo, Cal.			Key West, Fla. ...KW		do
DN	do	do	Mobile, Ala.MB		do
Eugene, Ore.DR	do	do	Palm Beach, Fla. ...MBS		do
Detroit, Mich.DR	do	do	Cape Cod, Mass. ...MCC		do
South Haven, Mich. DS	do	do	Cape May, N. J. ...MCY		do
Wilmington, Del. ...DU	do	do	Milwaukee, Wis. ...MK		do
Juneau, AlaskaDU	do	do	Siasconset, Mass. ...MSC		do
Chehalis, Wash.DV	do	do	Sea Gate, N. Y. ...MSE		do
Newport, Ore.DW	do	do	Sagaponak, N. Y. ...MSK		do
Toledo, O.DX	do	do	Wellfleet, Mass. ...MSW		do
Lansing, Mich.DZ	do	do	Manitowoc, Wis. ...MW		do
Portland, Ore.DZ	do	do	Cape Elizabeth, Me.		
Port Townsend, Wash.			*NAB		U. S. Navy
D2	Commercial	do	Portsmouth, N. H.		
Fairbanks, Alaska. *FB	U. S. Army	do	*NAC		do
Fort Andrews, Mass.			Boston, Mass. ...NAD		do
*FC	do	do	Cape Cod, N. Truro,		
Fort Wood, N. J. ...*FD	do	do	Mass.*NAE		do
Nome, Alaska.*FE	do	do	Newport, R. I. ...*NAF		do
Kotlik, Alaska.*FE	do	do	Fire Island, N. Y. *NAG		do

*Denotes Government Stations

U. S. Government (*), and Commercial Land Stations

Location of station	Call letter	Owner	Location of station	Call letter	Owner
Isle of Shoales, N. H.		Commercial	Fort Gibbon, Alaska.		
Chatham, Mass.AU	AO	do	*FG		U. S. Army
Atlantic City, N. J. AX	do	do	Fort Stevens, Ore. ..FJ		Commercial
Avalon, Cal.A2	do	do	Circle City, Alaska. *FK		U. S. Army
Baltimore, Md.B	do	do	Fort Leavenworth, Kan.	*FL	do
New York, N. Y.BD	do	do	Fort St. Michael,		
Philadelphia, Pa. ...BF	do	do	Alaska	*FM	do
Buffalo, N. Y.BF	do	do	Fort Morgan, Ala. .FM		Commercial
Bridgeport, Conn. ..BG	do	do	Fort Hancock, N. J.		
Benton Harbor, Mich.			*FN		U. S. Army
BH	do	do	Fort Monroe, Va. *FO		do
Boston, Mass. (Herald)			Petersburg, Alaska *FP		do
BH	do	do	Fort Egbert, Alaska.		
Brant Rock, Mass. .BO	do	do	*FQ		do
Philadelphia, Pa. ...BS	do	do	Fort Omaha, Neb. ...FS		do
Washington, D. C. ...*BS		Experimental	Fort Otten, N. Y. *FT		do
Saginaw, Mich. ...CAN		Commercial	Fort Levett, Me. ...*FV		do
Buffalo, N. Y.CE	do	do	Wrangle, Alaska *FW		do
Duluth, Minn.CD	do	do	Fort Wright, N. Y.		
Detroit, Mich.CF	do	do	*FW		do
Chicago, Ill.CG	do	do	Fort Worden, Wash.		
Cape May, N. J.CG	do	do	*FX		do
Port Huron, Mich. CH	do	do	Fort Riley, Kan. ...*FZ		do
San Francisco, Cal. CH		Commercial (Press Service)	Grand Haven, Mich.		
Eric, Pa.CI		Commercial	GH		Commercial
Sault Ste Marie, Mich.			Grand Marions, Minn.		
CJ	do	do	GM		do
Detroit, Mich.CJL	do	do	Chicago, Ill.GO		do
Calumet, Mich.CM	do	do	Grand Rapids, Mich.		
Milwaukee, Wis.CM	do	do	GRM		do
Cleveland, O.CN	do	do	Galveston, Texas ...GV		do
Marquette, Mich. ...CQ	do	do	Los Angeles, Cal. ...G2		do
Marion, Mass.CON		Experimental	Holland, Mich.H		do
Ashtabula, O.CO		Commercial	Cape Hatteras, N. C.		
Toledo, O.CT	do	do	HA		do
Detroit, Mich.CW	do	do	New Orleans, La. ...HB		do
Cleveland, O.CX	do	do	Elizabeth City, N. C.		
Bay City, Mich.CY	do	do	HD		do
Cambridge, Mass.		Harvard University	New Orleans, La. ...HK		do
Seattle, Wash.DA		Commercial	Mackinac Island, Mich.		
Tacoma, Wash.DB	do	do	HQ		do
Washington, D. C. .DC	do	do	Ludington, Mich. ...HX		do
Pasadena, Cal.DE	do	do	Amesbury, Mass. ...HY		Experimental
Santa Barbara, Cal. .DF	do	do	Jacksonville, Fla. ...JX		Commercial
Sacramento, Cal.DG	do	do	Spokane, Wash. ...KB		do
San Pedro, Cal.DJ	do	do	St. Helen's, Ore. ...KE		do
Everett, Wash.DK	do	do	Eric, Pa.KN		do
Ikeda Head, Wash. DKD	do	do	The Dalles, Ore. ...KT		do
Duluth, Minn.DM	do	do	Walla Walla, Wash. KU		do
San Luis Obispo, Cal.			Key West, Fla.KW		do
DN	do	do	Mobile, Ala.MB		do
Eugene, Ore.DR	do	do	Palm Beach, Fla. .MBS		do
Detroit, Mich.DR	do	do	Cape Cod, Mass. ...MCC		do
South Haven, Mich. DS	do	do	Cape May, N. J. ...MCY		do
Wilmington, Del. ...DU	do	do	Milwaukee, Wis. ...MK		do
Juneau, AlaskaDU	do	do	Siasconset, Mass. .MSC		do
Chehalis, Wash.DV	do	do	Sea Gate, N. Y.MSE		do
Newport, Ore.DW	do	do	Sagaponak, N. Y. ...MSK		do
Toledo, O.DX	do	do	Wellfleet, Mass. ...MSW		do
Lansing, Mich.DZ	do	do	Manitowoc, Wis. ...MW		do
Portland, Ore.DZ	do	do	Cape Elizabeth, Me.		
Port Townsend, Wash.			*NAB		U. S. Navy
D2		Commercial	Portsmouth, N. H.		
Fairbanks, Alaska. *FB		U. S. Army	*NAC		do
Fort Andrews, Mass.			Boston, Mass. ...*NAD		do
*FC	do	do	Cape Cod, N. Truro,		
Fort Wood, N. J. ...*FD	do	do	Mass.*NAE		do
Nome, Alaska.*FE	do	do	Newport, R. I. ...*NAF		do
Kotlik, Alaska.*FE	do	do	Fire Island, N. Y. *NAG		do

*Denotes Government Stations

Location of station	Call letter	Owner	Location of station	Call letter	Owner
B'klyn., N. Y. (navy yard)	*NAH	U. S. Navy	Astoria, Ore.....	PC	U. W. T. Co.
Phila., Pa. (navy yard)	*NAI	do	Tampa, Fla.	PD	Commercial
Cape Henlopen, Lewes, Del.	*NAJ	do	Friday Harbor, Wash.	PD	U. W. T. Co.
Annapolis, Md. (Naval Academy)	*NAK	do	Providence, R. I. . . .	PF	Commercial
Washington, D. C. (navy yard)	*NAL	do	Aberdeen, Wash.	PP	U. W. T. Co.
Norfolk, Va. (navy yard)	*NAM	do	Westport, Ore.	PG	do
Beaufort, N. C. (Pivers Island)	*NAN	do	San Francisco, Cal. . .	PH	do
Charleston, S. C. (navy yard)	*NAO	do	Avalon, Catalina Island, Cal.	PI	do
St. Augustine, Fla.	*NAP	do	Los Angeles, Cal.	PJ	do
Jupiter Inlet, Fla.	*NAQ	do	Point Judith, R. I. . .	PJ	Massie Co.
Key West, Fla. (naval station)	*NAR	do	San Diego, Cal.	PK	U. W. T. Co.
Pensacola, Fla. (navy yard)	*NAS	do	Eureka, Wash.	PM	do
New Orleans, La. (naval station)	*NAT	do	Alpena, Mich.	PN	Commercial
Nantucket Shoals, light-ship	*NLA	do	Natalla, Alaska	PN	U. W. T. Co.
Diamond Shoals ..	*NLB	do	Cordova, Alaska	PO	do
Frying Pan Shoals			Monterey, Cal.	PQ	do
Lightship	*NLC	do	San Francisco, Cal.		
New York Nautical School Ship, Newport, R. I.	*NMH	do	(Presido)	*PS	U. S. Army
Cordova, Alaska.	*NPA	do	Fort Bragg, Cal. . . .	PT	Commercial
Sitka, Alaska.	*NPB	do	Bellingham, Wash. . .	PU	U. W. T. Co.
Puget Sound Navy Yard, Wash.	*NPC	do	Los Angeles, Cal. . . .	PX	Commercial (Press Service)
Tatoosh Island, Wash.			Olympia, Wash.	PY	U. W. T. Co.
North Head, Ilwaco, Wash.	*NPE	do	Washington, D. C. (Capitol)	*QK	Elliot Woods
Cape Blanco, Denmark, Ore.	*NPF	do	Port Arthur, Texas. . .	RA	U. W. T. Co.
Table Bluff, Loleta, Cal.			Cambridge, Mass.	S	Stone Co.
Mare Island Navy Yard, Cal.	*NPH	do	Signal Corps Lab., Washington, D. C.	*SC	U. S. Army
Farallon Island, Cal.			San Francisco, Cal. . .	SF	Pacific W. T. Co.
Yerba Buena Island, (naval training station, Cal.	*NPJ	do	Sault Ste. Marie, Mich.		
Point Arguello, Surf, Cal.	*NPK	U. W. T. Co.		SH	U. W. T. Co.
Point Loma, San Diego, Cal.	*NPL	do	Charleston, S. C.	SN	do
N. Y. City, (42 Broadway)	*NY	do	Savannah, Ga.	SV	do
Petoskey, Mich.	*NZ	do	Southwest Pass, La. .	SW	United Fruit Co.
New York, N. Y. (The Battery)	*OHX	N. Y. Herald Press Service	Seattle, Wash.	*S2	Commercial
New York, N. Y. (Hotel Plaza)	P	Commercial	Tacoma, Wash.	T2	Marine Transmission Co.
Seattle, Wash.	PA	U. W. T. Co.	N. Y. City (111 Broadway)	TWT	Telefunken Co.
			Wilson's Point, Conn.		
				WN	Massie Co.
				WQ	Commercial
				XAS	Massie Co.
				XAV	Radio Telephone Co.
				XBG	do
				XBM	do
				XKA	Commercial
				XKD	do
				XKG	do
				XKJ	do
				XKS	Radio Telephone Co.
				XKW	do
				XMH	do
				XMJ	do
				XMQ	do
				XMV	Commercial

*Denotes Government Stations

Foreign Government (") and Commercial Land Stations, on the American Continent, including several U. S. Territories

Location of station	Call letter	Owner	Location of station	Call letter	Owner
Kamalo, Molokai, Hawaiian Is'ls...AM		W. T. Co.	Montreal, Que. ...MTL		Commercial
Boca del Toro, Panama	B	United Fruit Co.	Venison Island, Labra- dor*MVI		Government
Camaguey, Cuba. ...*C		Government	Whittle Rocks, Que.	*MWR	do
Cayo Cristo, Cuba...*CO		do	San Juan, Porto Rico	*NAU	U. S. Navy
Port Arthur, Ontario, Can.CPA		Clark Co.	Culebra, Porto Rico	*NAV	do
St. Thomas, Ont...*CST		Commercial	Guantanamo, Cuba	*NAW	do
Santa Clara, Cuba...*DA		Government	Colon, Panama...*NAX		do
Vancouver, B. C., Can. DF		U. W. T. Co.	Porte Belle, Panama	*NAY	do
Malabang, P. I....*FA		U. S. Navy	Honolulu, H. I....*NPM		do
Corregidor Island, P. I. *FH		do	Island of Guam...*NPN		do
Zamboanga, P. I....*FM		do	Cavite, P. I.....*NPO		do
Fame Pt., Quebec, Can. FP		Government	Nawiliwili, Kauai, H. I. NW		W. T. Co.
Jolo, P. I.....*FS		U. S. Navy	Isle of Pines, Cuba. *P		Government
Cape Breton, N. S...*GB		Commercial	Point Grey, B. C., Can. PGD		Government
Kahuku, Cahu, H. I..*HU		W. T. Co.	Fort Frank, P. I. *PIA		U. S. Army
Havana, Cuba.....*HV		U. W. T. Co.	Fort Drumm, P. I. *PIB		do
Puako, Hawaii, H. I.*KA		W. T. Co.	Fort Wint, P. I. ...*PIC		do
Pachena Point, B. C. Can.KPD		Government	Fort McKinley, P. I. *PID		do
Lahaina, Maui, H. I.*LH		do	Manila, P. I.*PN		do
Havana, Cuba*M		W. T. Co.	N. Vancouver, B. C. PR		Commercial
American Tickle, Lab- rador*MAT		Government	Prince Rupert, ...*PRD		Government
Cape Bear, P. E. I. *MBE		do	North Vancouver, B. C., Can.PR		U. W. T. Co.
Battle Harbor, Labra- dor*MBH		do	Victoria, B. C., Can.*PW		do
Belle Isle, Labrador *MBI		do	Isle of Pines, W. L...*P		Government
Chateau Bay, Labrador *MCB		do	Quebec, Can.*Q		Marconi Co.
Point Rich, N. S. *MCH		do	Pinar del Rio, W. I.*RS		Government
Clarke City, Can. *MCK		do	Cape Lazo, B. C. Can. SKD		do
Cape Ray, N. E. *MCR		do	Santiago de Cuba, Cuba. *SN		do
Domino Island, Labra- dor*MDO		do	Triangle Is., B. C. *TLD		do
Fame Point, Que. *MPT		do	Cape San Antonio, Cuba UJ		Commercial
Grosse Isle, Que. *MGI		do	Estevan Point, B. C., Can.*USD		Government
Heath Point, Can. *MHP		do	Victoria, B. C., Can. VSD		do
Camperdown, N. S. MHX		Commercial	Victoria, B. C.*V2		Commercial
Indian Harbor, Labra- dor*MNR		Government	Triangle Island, Can... Prince Rupert, Can....		Government
Point Amour, Labrador *MPR		do	Ikeda Bay, Can.....		do
Three Rivers, Can. MRS		Commercial	Camaguey, Cuba		do
Father Point, Que. *MRT		Government	Santiago de Cuba, Cuba		do
Cape Sable, N. S. MSB		Commercial	Baracoa, Cuba		do
Sable Island, N. S. MSD		do	Bayamo, Cuba		do
St. John, Patridge Island, N. B...*MSJ		Government			

*Denotes Government Stations

Merchant Marine, as well as the Foreign Merchant Marine

Name of Vessel	Call letter	Owner	Name of Vessel	Call letter	Owner
Sabine	AB	Mallory S. S. Co.	City of South Haven..BX		Chicago-South Haven S. S. Co.
Chicago	AB	Chlopeck Fish Co.	Goliath	B3	Puget Sound Tug Boat Co.
Coacho	AC	Mallory S. S. Co.	Coamo	CA	New York and Porto Rico S. S. Co.
Denver	AD	do	Priscilla	CA	New England Navigation Co.
Victoria	AD	Alaska S. S. Co.	City of Aipena	CA	Detroit and Cleveland Navigation Co.
Colorado	AF	Mallory S. S. Co.	Carolina	CB	New York and Porto Rico S. S. Co.
Rio Grande	AG	do	City of Cleveland....CC		Detroit and Cleveland S. S. Co.
Yucatan	AG	Alaska S. S. Co.	City of Detroit	CD	do
Nueces	AH	Mallory S. S. Co.	Eastern States	CE	Detroit and Buffalo S. S. Co.
Pennsylvania	AH	Alaska S. S. Co.	City of St. Ignace...CG		Detroit and Cleveland Navigation Co.
Alamo	AJ	Mallory S. S. Co.	Quadra	CGS	Canadian Government
Jade (pilot Steamer)..AJA		German Government	Harmonic	CHA	Northern Navigation Co.
San Marcos.....AK		Mallory S. S. Co.	Huronic	CHN	do
Santa Clara	AK	Alaska S. S. Co.	San Juan	CJ	New York and Porto Rico S. S. Co.
Cornal	AM	Mallory S. S. Co.	Juanita	CJA	Anchor Line
Northwestern	AN	Alaska S. S. Co.	Ponce	CP	New York and Porto Rico S. S. Co.
Ohio	AO	do	Princess Charlotte..CPC		Canadian Pacific R. R. Co.
Lampasas	AP	Mallory S. S. Co.	Princess May	CPM	do
City of Benton Harbor	AQ	Graham & Morton Line	Princess Royal	CPR	do
San Jacinto	AS	Mallory S. S. Co.	Princess Victoria...CPV		do
Admiral Sampson....AS		Alaska-Pacific S. S. Co.	City of Erie	CR	Cleveland and Buffalo Transportation Co.
Kilpatrick	*ATK	U. S. army transport	Tasco	CS	T. A. Scott Co.
Logan	*ATL	do	Seneca	CS	New York and Porto Rico S. S. Co.
Sherman	*ATR	do	Western States	CS	Detroit and Buffalo S. S. Co.
Sheridan	*ATS	do	Canada	CT	Canadian Government
Thomas	*ATU	do	Ticonesta	CTA	Anchor Line
Dolphin	AU	Alaska S. S. Co.	City of Buffalo	CU	Cleveland and Buffalo Transportation Co.
Seward	AV	do	Commonwealth	CW	New England Navigation Co.
Olympia	AW	Alaska S. S. Co.	St. Croix	CX	Schuback - Hamilton S. S. Co.
Brazos	AZ	Mallory S. S. Co.	Philadelphia	DA	Red "D" Line
Tyee	A3	Puget Sound Tug Boat Co.	Caracas	DB	do
Bermudian	BA	Quebec S. S. Co.	Bremen	DBR	North German Lloyd
Virginia	BC	Goodrich Transportation Co.	Iowa	DC	Goodrich Transit Co.
W. S. Porter	BD	Associated Oil Co.	Cap Arcona	DCA	Hamburg - South American Line
Troquois	BG	Inland Navigation Co.	Cap Blanco	DCB	do
Chippewa	BH	do	Cap Verde	DCE	do
Indianapolis	BI	do	Cap Frio	DCF	Hamburg - South American Line
Rosecrans	BM	Associated Oil Co.	Cap Ortegat	DCO	do
Nyack	BM	Crosby Transportation Co.	Cap Roca	DCR	do
Boston	BN	New England Navigation Co.	Cap Vilano	DCV	do
Nann Smith	BO	C. A. Smith Lumber Co.	Kaiserin Auguste Victoria	DDA	Hamburg American Line
Hermosa	BP	Benning Bros.	Bleucher	DDB	do
Cabrillo	BS	Wilmington Transportation Co.	Cincinnati	DDG	do
Burnside	*BS	U. S. Army cable ship	Bulgaria	DDG	do
Rupert City	BU	Mackenzie Bros. S. S. Co.	Hamburg	DDH	do
Alliance	BW	California & Oregon Coast Co.			

*Denotes Government Stations

Name of Vessel	Call letter	Owner	Name of Vessel	Call letter	Owner
Batavia	DDJ	Hamburg American Line	Barge No. 96	GP	Standard Oil Co.
Deutschland	DDL	do	Pueblo	GQ	Pacific Coast S. S. Co.
Moltke	DDM	do	Astral	GS	Standard Oil Co.
Pennsylvania	DDN	do	Senator	GS	Pacific Coast S. S. Co.
Prinz Oscar	DDO	do	Umatilla	GU	do
Patricia	DDP	do	Governor	GV	do
Amerika	DDR	do	Queen	GX	do
President Grant	DDS	do	Alameda	HD	Oceanic S. S. Co.
President Lincoln	DDT	do	Mariposa	HK	Oceanic S. S. Co.
Pretoria	DDT	do	Jefferson	HM	Alaska S. S. Co.
Cleveland	DDV	do	Hanalei	HN	Independent S. S. Co.
Grat Waldsee	DDW	do	Chester W. Chapin	HN	New England Navigation Co.
Prinz Adalbert	DDZ	do	Missouri	HN	Northern Michigan Transportation Co.
Grosserzog von Oldenburg	DGO	North German Sea Cable Co.	Corwin	HO	Pacific Coal & Transportation Co.
Kronprinzessin Cecilie	DKA	North German Lloyd	Chicago	HO	Goodrich Transit Co.
Berlin	DKB	do	Savage	HS	B. & O. R. R. Co.
Friedrich der Grosse	DKD	do	Mackinaw	HW	Schuback-Hamilton S. S. Co.
Princess Irene	DKE	do	Humboldt	HX	Humboldt S. S. Co.
König Friedrich August	DKF	Hamburg American Line	Plymouth	HY	New England Navigation Co.
König Wilhelm II.	DKG	Hamburg American Line	Rose City	H2	San Francisco & Pacific S. S. Co.
Grosser Kurfürst	DKG	North German Lloyd	Illinois	IN	Northern Michigan Transportation Co.
Main	DKI	do	City of Racine	JC	Goodrich Transit Co.
Neckar	DKK	do	Horatio Hall	JH	Maine S. S. Co.
Königin Luise	DKL	do	Manhattan	JM	do
Kaiser Wilhelm II.	DKM	do	North Star	JS	do
George Washington	DKN	do	Antilles	KA	Southern Pacific Co.
König Albert	DKO	do	Christopher Columbus	KC	Goodrich Transit Co.
Kronprinz Wilhelm	DKP	do	Mascotte	KM	Peninsula & Occidental S. S. Co.
Rhein	DKR	do	Momus	KM	Southern Pacific Co.
Barbarossa	DKS	do	Cebole	KR	do
Kaiser Wilhelm der Grosse	DKW	do	Santa Cruz	KS	Puget Sound Wrecking Co.
Princess Alice	DKZ	do	Olivette	KV	Peninsula & Occidental S. S. Co.
Meteor	DMR	Hamburg American Line	Ossabow	K2	Brunswick S. S. Co.
Moskwa	DOA	Russian Volunteer Fleet	Lysistrata (private yacht)	LA	J. G. Bennett
Prinz Adalbert	DPA	Kiel-Korsor Line	Leopold II	LD	Belgium Government
Prinz Sigismund	DPS	do	La Flandre	LF	do
Prinz Waldemar	DPW	do	Lady Laurier	LR	Canadian Government
Prinz August Wilhelm	DSB	Hamburg American Line	Allianca	MA	Panama R. R. Co.
Prinz Sigismund	DSG	do	Maine	MA	New England Navigation Co.
Prinz Eitel Friedrich	DSI	do	Carmania	MAA	Cunard Line
Sarnia	DSM	do	Lombardia	MAB	Italian Royal Mail
Prinz Joachim	DSP	do	Sicilia	MAC	do
Siberia	DSV	do	Duca Degli Abruzzi	MAD	do
Pendelton Sisters	DI	American Schooner	Mendoza	MAF	Lloyd Italiano Line
El Norte	EN	Southern Pacific Co.	Cordova	MAG	do
City of Columbus	FA	Ocean S. S. Co.	Virginia	MAH	do
City of Atlanta	FB	do	Caledonia	MAI	Anchor Line
City of Macon	FC	Ocean S. S. Co.	Indiana	MAK	Lloyd Italiano Line
City of Memphis	FD	do	Ligurier	MAL	Italian Royal Mail
City of Savannah	FH	do	Luisiana	MAM	Lloyd Italiano Line
City of Augusta	FI	do	Sardegna	MAS	Italian Royal Mail
E. G. Crosby	FM	Crosby Transportation Co.	Umbria	MAU	do
Nacoochee	FP	Ocean S. S. Co.	Anthony	MAY	Booth Line
Joseph Henry	FR	Army cable ship	Baltic	MBC	White Star Line
Lydonia	FR	Private yacht	Batavier IV	MBF	Batavier Line
City of Seattle	FZ	Pacific Coast S. S. Co.	Bavarian	MBN	Allan Line
Capt. A. F. Lucas	GB	Standard Oil Co.	Bruce	MBR	Reid - Newfoundland Line
Georgia	GC	Goodrich Transit Co.	Batavier II	MBS	Batavier Line
Barge No. 91	GD	Standard Oil Co.	Batavier III	MBT	do
City of Everett	GE	do	Batavier V	MBV	do
Falcon	GF	Chas. Nelson Lumber Co.	Old Colony	MC	New England Navigation Co.
Maverick	GH	Standard Oil Co.	Sheboygan	MC	Goodrich Transit Co.
Barge No. 94	GH	Standard Oil Co.	Campania	MCA	Cunard Line
Cottage City	GK	Pacific Coast S. S. Co.	Canada	MCF	Dominion Line
Asuncion	GM	Standard Oil Co.	California	MCI	Anchor Line
Pilgrim	GM	New England Navigation Co.			
Atlas	GN	Standard Oil Co.			

*Denotes Government Stations

Name of Vessel	Call letter	Owner	Name of Vessel	Call letter	Owner
Cairo	MCL	Egyptian Mail S. S. Co.	Majestic	MMC	White Star Line
Corsican	MCN	Allan Line	Maiwa	MMD	Peninsula and Oriental Co.
Cristobal	MD	Panama R. R. S. S. Co.	Mantua	MME	do
Cedric	MDC	White Star Line	Morea	MMF	do
Dominion	MDF	Dominion Line	Minnetonka	MMK	Atlantic Transport line
Etruria	MEA	Cunard Line	Minneapolis	MMS	do
Tamarac	MEB	Anglo-American Oil Co.	Minnewaska	MMW	do
Narragansett	MEC	do	Manitou	MN	Northern Michigan Transportation Co.
Iroquois	MEI	do	Pannonia	MNA	Cunard Line
Navahoe	MEN	do	Romanic	MNC	White Star Line
Finance	MF	Panama R. R. Co.	New York	MNK	American Line
Lusitania	MFA	Cunard Line	Aucona	MOA	Italian S. S. Line
Arabic	MFC	White Star Line	Oceanic	MOC	White Star Line
Junland	MFD	Red Star Line	Columbia	MOI	Anchor Line
Furnessia	MFI	Anchor Line	Taormina	MOT	Italian S. S. Line
Mauretania	MGA	Cunard Line	Verona	MOV	do
Cymric	MGC	White Star Line	Carpathia	MPA	Cunard Line
Virginia	MGN	Allan Line	Empress of Britain	MPB	Canadian Pacific R. Co.
Panama	MH	Panama R. R. Co.	Canopic	MPC	White Star Line
Marie Henriette	MH	Belgium Government	Laplant	MPD	Red Star Line
Noordam	MHA	Holland - American Line	Philadelphita	MPH	American Line
New Amsterdam	MHB	do	Empress of India	MPI	Canadian Pacific R. Co.
Adriatic	MHC	White Star Line	Empress of Japan	MPJ	do
Heliopolis	MHL	Egyptian Mail S. D. Co.	Empress of Ireland	MPL	do
Potsdam	MHM	Holland - American Line	Parisian	MPN	Allen Line
Rotterdam	MHR	do	Empress of China	MPQ	Canadian Pacific R. Co.
Statendam	MHS	do	Bunker Hill	MR	Fall River Line
Ryndam	MHY	do	Caronia	MRA	Cunard Line
Minnesota	MI	Northern S. S. Co.	Cretic	MRC	White Star Line
Ivernia	MIA	Cunard Line	Regina d'Italia	MRG	Lloyd Sabauda Line
Laurentic	MIC	White Star Line	Re d'Italia	MRI	do
Inanda	MID	Aberdeen Line	Crampian	MRN	Allan Line
Inkost	MIK	do	Principe Di Piemonte	MRP	Lloyd Sabauda Line
Iolanda	MIL	Private yacht	Tomaso di Savoia	MRS	do
Kennebeck	MK	New England Navigation Co.	Ancon	MS	Panama R. R. S. S. Co.
Kroonland	MKD	Red Star Line	Massachusetts	MS	New England Navigation Co.
Frisia	MKF	Koninkshjke - Hollandsche Lloyd	Saxonia	MSA	Cunard Line
Hollandia	MKH	do	San Giovanni	MSF	Sicula American Line
Lucania	MLA	Cunard Line	San Giorgio	MSH	do
La Bretagne	MLB	Cie Générale Transatlantique	St. Louis	MSL	American Line
La Champagne	MLC	do	San Guseppi	MSM	Sicula American Line
Celtic	MLC	White Star Line	Hesperian	MSN	Allan Line
Lake Erie	MLE	Canadian Pacific R. Co.	San Guglielmo	MSP	Sicula American Line
La Gascogne	MLG	Cie Générale Transatlantique	St. Paul	MSP	American Line
Lake Michigan	MLH	Canadian Pacific R. Co.	Minto	MT	Canadian Government Cunard Line
Montreal	MLI	Canadian Pacific R. Co.	Ultonia	MTA	White Star Line
Montrose	MLJ	do	Teutonic	MTC	Allan Line
Montezuma	MLK	do	Tunisian	MTN	Cunard Line
La Lorraine	MLL	Cie Générale Transatlantique	Umbria	MUA	Austro-American Line
Lake Manitoba	MLM	Canadian Pacific R. Co.	Argentina	MUG	do
Lake Champlain	MLN	do	Alice	MUL	do
Mount Royal	MLO	do	Oceania	MUO	do
La Provence	MLP	Cie Générale Transatlantique	Laura	MUR	do
Mount Temple	MLQ	Canadian Pacific R. Co.	Martha Washington	MUW	do
La Savoie	MLS	do	Advance	MV	Panama R. R. Co.
La Touraine	MLT	Cie Générale Transatlantique	Slavonia	MVA	Cunard Line
Milwaukee	MLT	Canadian Pacific R. Co.	Cita di Napoli	MVC	La Veloce Line
Montfort	MLW	do	Vaderland	MVD	Red Star Line
Monmouth	MLX	do	Europa	MVE	La Veloce Line
La Chicago	MLY	Cie Générale Transatlantique	Victoria	MVN	Allan Line
Montcalm	MLZ	Canadian Pacific R. Co.	Nord America	MVR	La Veloce Line
Minnehaha	MMA	do	Sud America	MVS	do
Mackay-Bennett	MMB	Atlantic Transport Line	Colon	MX	Panama R. R. Co.
		Commercial Cable Co.	Thalia	MYA	Austrian Lloyd S. S. Co.
			Zeeland	MZD	Red Star Line
			Florizel	MZL	Bowring Line
			Rosalind	MZR	do
			Geo. W. Elder	MZ	North Pacific S. S. Co.
			Abarenda	*NBA	U. S. Navy
			Accomac	*NBC	do
			Active	*NBD	do
			Adams	*NBE	do

*Denotes Government Stations

Name of Vessel	Call letter	Owner	Name of Vessel	Call letter	Owner
Adder	*NBF	U. S. Navy	Essex	*NFI	U. S. Navy
Aileen	*NBG	do	Farragut	*NFP	do
Ajax	*NBH	do	Fish Hawk	*NFO	do
Alabama	*NBI	do	Florida	*NFR	do
Albany	*NBT	do	Flusser	*NFS	do
Albatross	*NBK	do	Foote	*NFT	do
Alert	*NBL	do	Fortune	*NFU	do
Alexander	*NBM	do	Fox	*NFV	do
Alice	*NBN	do	Franklin	*NFW	do
Alliance	*NBO	do	Frolic	*NFX	do
Alvarado	*NBP	do	Galveston	*NGD	do
Amphitrite	*NBQ	do	General Alava	*NGE	do
Annapolis	*NBR	do	Georgia	*NGF	do
Apache	*NBS	do	Glacier	*NGH	do
Arayat	*NBT	do	Gloucester	*NGI	do
Arethusa	*NBU	do	Goldsborough	*NGJ	do
Arkansas	*NBV	do	Gopher	*NGK	do
Atlanta	*NBW	do	Grampus	*NGL	do
Carolina	*NC	Goodrich Transit Co.	Grayling	*NGM	do
Bagley	*NCE	U. S. Navy	Gwin	*NGN	do
Bailey	*NCF	do	Hancock	*NGT	do
Bainbridge	*NCG	do	Hannibal	*NGU	do
Baltimore	*NCH	do	Hartford	*NGV	do
Barney	*NCI	do	Hawk	*NGW	do
Barracuda	*NCJ	do	Hector	*NGX	do
Barry	*NCK	do	Helena	*NGY	do
Bennington	*NCL	do	Hercules	*NGZ	do
Biddle	*NCM	do	Hist	*NHA	do
Birmingham	*NCN	do	Holland	*NHB	do
Blakley	*NCO	do	Hopkins	*NHC	do
Bonita	*NCP	do	Hornet	*NHD	do
Boston	*NCQ	do	Hull	*NHE	do
Boxer	*NCR	do	Huntress	*NHF	do
Brooklyn	*NCS	do	Idaho	*NHN	do
Brutus	*NCT	do	Illinois	*NHO	do
Buffalo	*NCU	do	Independence	*NHP	do
Burrows	*NCV	do	Indiana	*NHO	do
California	*NCZ	do	Intrepid	*NHR	do
Castine	*NDA	do	Ionia	*NHS	do
Celtic	*NDB	do	Iowa	*NHT	do
Charleston	*NDC	do	Iris	*NHU	do
Chattanooga	*NDE	do	Iroquois	*NHV	do
Chauncey	*NDF	do	Isia de Cuba	*NHW	do
Chester	*NDG	do	Isia de Luzon	*NHX	do
Cheyenne	*NDH	do	Iwana	*NHY	do
Chicago	*NDI	do	Jupiter	*NIE	do
Chickasaw	*NDJ	do	Justin	*NIF	do
Choctaw	*NDK	do	Kansas	*NIO	do
Cincinnati	*NDL	do	Kearsarge	*NIP	do
Cleveland	*NDM	do	Kentucky	*NIO	do
Colorado	*NDN	do	Lamson	*NIW	do
Columbia	*NDO	do	Lancaster	*NIX	do
Concord	*NDP	do	Lawrence	*NIY	do
Connecticut	*NDQ	do	Lebanon	*NIZ	do
Constellation	*NDR	do	Leonidas	*NJA	do
Constitution	*NDS	do	Louisiana	*NIB	do
Craven	*NDT	do	Macdonough	*NIH	do
Culgoa	*NDU	do	Machias	*NII	do
Cumberland	*NDV	do	Mackenzie	*NIK	do
Cushing	*NDW	do	Maine	*NIL	do
Cuttlefish	*NDX	do	Manila	*NIM	do
Cyclops	*NDY	do	Manly	*NIN	do
Dahlgren	*NEG	do	Marblehead	*NIO	do
Dale	*NEH	do	Marcellus	*NIP	do
Davis	*NEI	do	Marietta	*NIO	do
Decatur	*NEI	do	Mars	*NIR	do
Delaware	*NEK	do	Maryland	*NIS	do
De Long	*NEL	do	Massachusetts	*NIT	do
Denver	*NEM	do	Massasoit	*NIU	do
Des Moines	*NEN	do	Mayflower	*NIV	do
Detroit	*NEO	do	McCall	*NIW	do
Dixie	*NEP	do	McKee	*NIX	do
Dolphin	*NEQ	do	Miantonomoh	*NIY	do
Dor Juan de Austria	*NER	do	Michigan	*NIZ	do
Dorothea	*NES	do	Pequonock	*NK	do
Drayton	*NET	do	Milwaukee	*NKA	New England Navigation Co.
Dubuque	*NEU	do	Mindoro	*NKB	U. S. Navy
Du Pont	*NEV	do	Minneapolis	*NKC	do
Eagle	*NEC	do	Minnesota	*NKD	do
Eagre	*NEF	do	Mississippi	*NKE	do
Elcano	*NEE	do	Missouri	*NKF	do
Elfrida	*NEG	do	Moccasin	*NKG	do
Enterprise	*NEH	do	Modoc	*MKH	do
Ericsson	*NEI	do			

*Denotes Government Stations

Name of Vessel	Call letter	Owner	Name of Vessel	Call letter	Owner
Mohawk	*NKI	U. S. Navy	Rodgers	*NRL	U. S. Navy
Mohican	*NKJ	do	Roe	*NRM	do
Monadnock	*NKL	do	Rowan	*NRN	do
Montana	*NKM	do	Salem	*NRZ	do
Monterey	*NKN	do	New Hampshire	*NS	New England Navigation Co.
Montgomery	*NKO	do	Salmon	*NSA	U. S. Navy
Morris	*NKP	do	Samar	*NSB	do
Nanshan	*NKV	do	Samoset	*NSC	do
Narkeeta	*NKW	do	Sandoval	*NSD	do
Narwhal	*NKX	do	San Francisco	*NSE	do
Nashville	*NKY	do	Saturn	*NSF	do
Navajo	*NKZ	do	Scorpion	*NSG	do
Montcalm	*NL	Canadian Government	Seal	*NSH	do
Nebraska	*NMA	U. S. Navy	Sebago	*NSI	do
Nero	*NMB	do	Severn	*NSJ	do
Nevada	*NMC	do	Shark	*NSK	do
Newark	*NMD	do	Shubrick	*NSL	do
New Hampshire	*NME	do	Sioux	*NSM	do
New Jersey	*NMF	do	Siren	*NSN	do
New Orleans	*NMG	do	Skate	*NSO	do
Newport	*NMH	do	Skipjack	*NSP	do
New York	*NMI	do	Smith	*NSQ	do
Nina	*NMK	do	Snapper	*NSR	do
Nipisic	*NML	do	Solace	*NST	do
North Carolina	*NMN	do	Somers	*NSU	do
North Dakota	*NMO	do	Sotomomo	*NSV	do
Octopus	*NMV	do	South Carolina	*NSW	do
Ohio	*NMW	do	South Dakota	*NSX	do
Olympia	*NMX	do	Southern	*NSY	do
Oncida	*NMY	do	Standish	*NSZ	do
Oregon	*NMZ	do	Sterling	*NTA	do
Osceola	*NOA	do	Sterrett	*NTB	do
Ozark	*NOB	do	Stewart	*NTC	do
Paducah	*NOG	do	Stringray	*NTD	do
Pampanga	*NOH	do	Sriletto	*NTE	do
Panay	*NOI	do	St. Louis	*NTF	do
Panther	*NOJ	do	Stockton	*NTG	do
Paragua	*NOK	do	Stranger	*NTH	do
Patapsco	*NOL	do	Stringham	*NTI	do
Patuxent	*NOM	do	Sturgeon	*NTJ	do
Paulding	*NON	do	Supply	*NTK	do
Paul Jones	*NOP	do	Sylph	*NTL	do
Pawnee	*NOQ	do	Sylvia	*NTM	do
Pawtucket	*NOR	do	Tacoma	*NUA	do
Penacook	*NOS	do	Talbot	*NUB	do
Pennsylvania	*NOT	do	Tallahassee	*NUC	do
Pensacola	*NOU	do	Tarantula	*NUD	do
Pentucket	*NOV	do	Tarpon	*NUE	do
Peoria	*NOW	do	Tecumseh	*NUP	do
Perkins	*NOX	do	Tennessee	*NUG	do
Perry	*NOY	do	Terror	*NUH	do
Petrel	*NOX	do	Terry	*NUI	do
Holland	*NQ	Graham & Morton Line	Texas	*NUJ	do
Philadelphia	*NOA	U. S. Navy	Thornton	*NUK	do
Pickrel	*NOB	do	Thrasher	*NUL	do
Pike	*NOC	do	Tingey	*NUM	do
Piscataqua	*NOD	do	Tonopah	*NUN	do
Plunger	*NOE	do	Topeka	*NUO	do
Pompey	*NOF	do	Traffic	*NUP	do
Pontiac	*NOG	do	Triton	*NUO	do
Porpoise	*NOH	do	Truxton	*NUR	do
Porter	*NOI	do	Tuna	*NUS	do
Portsmouth	*NOJ	do	Unadilla	*NVC	do
Potomac	*NOK	do	Uncas	*NVD	do
Powhatan	*NOL	do	Utah	*NVE	do
Prairie	*NOM	do	Vermont	*NVK	do
Preble	*NON	do	Vestal	*NVL	do
Preston	*NOO	do	Vesuvius	*NVM	do
Princeton	*NOP	do	Vicksburg	*NVN	do
Prometheus	*NOR	do	Vigilant	*NVO	do
Puritan	*NOS	do	Villalobos	*NVP	do
Quiros	*NOW	do	Viper	*NVQ	do
Rainbow	*NRA	do	Virginia	*NVR	do
Raleigh	*NRB	do	Vixen	*NVS	do
Ranger	*NRC	do	Vulcan	*NVT	do
Rapido	*NRD	do	Waban	*NWA	do
Reid	*NRE	do	Wabash	*NWB	do
Reina Mercedes	*NRF	do	Wahnetta	*NWC	do
Relief	*NRG	do	Warrington	*NWD	do
Restless	*NRH	do	Washington	*NWE	do
Rhode Island	*NRI	do	Wasp	*NWF	do
Richmond	*NRI	do	West Virginia	*NWF	do
Rocket	*NRK	do	Wheeling	*NWH	do

*Denotes Government Stations

Name of Vessel	Call letter	Owner	Name of Vessel	Call letter	Owner
Whipple	*NWI	U. S. Navy	Estonia	SCA	East Asiatic S. S. Co.
Wilkes	NWJ	do	J. F. Tietgen	SCF	Scandinavian - American Line
Wilmington	*NWK	do	Hellig Olav	SHO	do
Winslow	*NWL	do	Litunia	SLA	East Asiatic S. D. Co.
Wisconsin	*NWN	do	King Oscar II	SOR	Scandinavian - American Line
Wolverine	*NWN	do	Puritan	SQ	Graham & Morton Line
Wompatuck	*NWO	do	Russia	SRM	East Asiatic S. S. Co.
Worden	*NWP	do	Stanley	ST	Canadian Government
Wyoming	*NWQ	do	United States	SUS	Scandinavian - American Line
Yankee	*NXA	do	Roanoke	S2	North Pacific S. S. Co.
Yankton	*NXB	do	Chiyo Maru	TCY	Toyo Kisen Kaisha
Yantic	*NXC	do	Hong Kong Maru	THN	do
Yorktown	*NXD	do	America Maru	TMC	do
Fearless	N2	Tacoma Tug & Barge Co.	Nippon Maru	TNP	Toyo Kisen Kaisha
Hamilton	OA	do	Rosina	TR	Independent S. S. Co.
Princess Anne	OB	do	Tenyo Maru	TTY	Toyo Kisen Kaisha
Jamestown	OC	do	Jos. Vaccaro	TV	Independent S. S. Co.
Jefferson	OD	Old Dominion Line	Ellis	UA	United Fruit Co.
Monroe	ON	do	Preston	UB	do
Prince Albert	PA	Belgium Government	Cartago	UC	do
Princess Clemantine	PC	do	Parisimina	UD	do
Princess Elizabeth	PE	do	Admiral Dewey	UD	American Mail S. S. Co.
Princess Henriette	PH	do	Admiral Farragut	UF	do
Princess Josephine	PJ	Graham & Morton Line	Admiral Schley	UG	do
City of Chicago	PQ	Munson Line	Heredia	UH	United Fruit Co.
Mobilia	PU	New England Navigation Co.	Lurline	U2	Matson Navigation Co.
Providence	PV	Matson Navigation Co.	Apache	VA	Clyde S. S. Co.
Enterprise	P1	do	Arapahoe	VB	do
Hilonian	P2	Alaska Coast Co.	Comanche	VC	do
Portland	P3	Standard Oil Co.	Ville de Douvres	VD	Belgium Government
Col. E. L. Drake	P5	do	Vanadis	VDS	C. K. G. Billings
Barge No. 3	P6	Alaska Pacific S. S. Co.	Iroquois	VF	Clyde S. S. Co.
Buckman	P7	do	Algonquin	VG	do
Watson	P8	Alaska Coast Co.	Huron	VH	do
Bertha	P9	New England Navigation Co.	Seminole	VJ	do
City of Taunton	Q	J. M. Guffey Petroleum Co.	Cherokees	VK	do
Larimer	QA	do	Mohawk	VM	do
Oklahoma	OB	U. S. revenue cutter	President	V2	Pacific Coast S. S. Co.
Shenango	OC	do	Morro Castle	WC	Ward Line
J. M. Guffey	OF	do	City of Lowell	WE	New England Navigation Co.
Ligonnier	OO	do	Seguranca	WG	Ward Line
Winifred	OW	do	Havana	WH	do
Algonquin	*RCA	U. S. revenue cutter	Merida	WM	do
Bear	*RCB	do	Saratoga	WS	do
Androscoggin	*RCD	do	Vigilancia	WV	Ward Line
Seneca	*RCE	do	Monterey	WY	do
Snohomish	*RCF	do	Sea Otter (motor yacht)	WY	Hugh J. Willoughby
Gresham	*RCG	do	Mexico	WX	Ward Line
McCulloch	*RCH	U. S. revenue cutter	Esperanza	WZ	do
Itasca	*RCI	do	Hendrick Hudson	XA	Hudson River Day Line
Tuscarora	*RCL	do	Arizona	XA	The Fisheries Co.
Mohawk	*RCM	do	Robert Fulton	NB	Hudson River Day Line
Manning	*RCN	do	Walter Adams	XD	do
Onondaga	*RCO	do	Florida	XF	Bay Line S. S. Co.
Apache	*RCP	do	Alabama	XG	Bay Line S. S. Co.
Rush	*RCR	do	Virginia	XH	do
Seminole	*RCS	do	Alaska	XK	The Fisheries Co.
Thetis	*RCT	do	Mindora	XM	do
Acushnet	*RCU	do	I. L. Lawrence	XN	do
Windom	*RCW	do	Quick Step	XO	do
La Rapide	RD	Belgium Government	Tos. Wharton	XW	do
Harvard	RH	Metropolitan Line	S. V. Luckenbach	YA	Insular Line
Puritan	RN	New England Navigation Co.	Paraguay	YA	Sun Oil Co.
Atrato	RNA	Royal Mail Steam Packet Co.	Aki Maru	YAK	Toyo Kisen Kaisha
Magdalena	RND	do	Toledo	YD	Sun Oil Co.
Nile	RNG	do	Iyo Maru	YIY	Toyo Kisen Kaisha
Clyde	RNK	do	Kaga Maru	YKG	do
Orinoco	RNO	do	Shinano Maru	YSN	do
Trent	RNR	do	Tango Maru	YTG	do
Tagus	RNS	do	Tosa Maru	YTS	do
Oruba	RNU	do			
Yale	RY	Metropolitan Line			
Salvor	SAL	British Columbia Salvage Co.			
Indiana	SC	Goodrich Transit Co.			

*Denotes Government Stations

H. S. Amateur (Land) Stations

*In front of name denotes receiving station only.

Name and address of owner	Call letter	Approximate wave length in meters	Spark
Algie Hudgins, Coronado, Cal.	AAH	740	¼ K. W.
Andrew Anderson, Leona, Kans.	AAL	65	1 inch
Geo. Field, New Brighton, N. Y.	AAM	61	1 "
Alice A. Ball, Seattle, Wash.	AB	100	1 "
A. Brizzolari, N. Y. City, N. Y.	ABJ	100	var.
R. E. Carlson, N. Y. City, N. Y.	ABN	105	"
A. G. Biehler, Jersey City, N. J.	ABX	500	4 inches
Wyman Allen, Beverly, Mass.	ABY	var.	¼ K. W.
Ralph W. Carnahan, Urbana, O.	AC	120	¼ "
Abraham Edelman, Bronx, N. Y.	AD	200	1 inch
Arthur D'Romtra, Cape May, N. J.	ADR	90	½ K. W.
A. Dingman, Van Nest, N. Y.	ADY	var.	1 inch
Robert Whitescarven, Webb City, Mo.	AE	var.	1 "
Alf E. Johansen, St. Paul, Minn.	AEJ	var.	var.
Alfred E. J. Sticht, Brooklyn, N. Y.	AES	120	½ K. W.
Alfred E. Frey, Brooklyn, N. Y.	AF	80	—
Donald McClure, Glenn Ridge, N. J.	AFM	120	1½ K. W.
Alfred Arthur Tiegler, Jamaica Plain, Mass.	AG	var.	1 inch
Arthur Wilkinson, San Francisco, Cal.	AHW	61	2 "
Alfred Hauks, Jersey City, N. J.	AJH	25	½ K. W.
Albert Corthous, Milwaukee, Wis.	AMC	var.	4 inches
A. R. Valli, N. Y. City, N. Y.	AR5	250	4 "
Arthur S. Riley, Bridgeton, N. J.	AS	300	½ K. W.
A. Schmitt, Teutopolis, Ill.	ASC	var.	2 inches
A. E. Stephens, Bayonne, N. J.	ASF	125	1 "
Albert Schnabel, Cleveland, O.	ASG	—	—
Burdett A. Winn, Juneau, Alaska	BA	200	1 inch
Chas. Bolman, Philadelphia, Pa.	BAM	60	1 "
Harold V. Burt, Canton, Mass.	BC	var.	1 "
Clarence A. Bailey, Cincinnati, O.	BCA	—	—
C. Blundell, Bound Brook, N. J.	BCB	—	—
Bayard Clark, De Kalb, Ill.	BCK	150	1 K. W.
B. Camgros, Oakville, Cal.	BCX	240	½ "
Benj. Du Mez, Holland, Mich.	BDM	300	1½ "
E. A. Behmisch, Cedarburg, Wis.	BEA	var.	var.
Brook Sawyer, Santa Barbara, Cal.	BES	121	2 inches
F. Crowther, Yonkers, N. Y.	BG	61	2 "
Samuel Christie, Flushing, L. I.	BH	var.	6 "
Frank Mehring, Chicago, Ill.	BHM	var.	6 "
Alexander Burns, Fall River, Mass.	BME	200	½ K. W.
Fred. C. Weiler, Nome, Alaska	BOY	var.	1 "
Ralph Brinkmier, Wheeling, W. Va.	BR	225	½ "
R. B. De Lano, Ticonderoga, N. Y.	BRD	—	—
Valter Bernardi, Stockton, Cal.	BSM	var.	½ inch
H. Dennis, Bloomsburg, Pa.	BSN	425	1 K. W.
A. Banhard, N. Y. City, N. Y.	BSU	153	½ "
Louis C. Zickuhr, Milwaukee, Wis.	BUG	var.	var.
W. & E. Beckwold, Dorchester, Mass.	BVD	298	"
Consolidated Wireless Co., Wakefield, Mass.	BX	var.	2 K. W.
Clarence Ruggles, Kirkwood, Ga.	CAR	1500	2½ inches
C. B. De La Hunt, Memphis, Tenn.	CBH	var.	1 "
Chas. Foote, Cleveland, O.	CCF	1200	½ K. W.
Chin Y. Chong, N. Y. City, N. Y.	CCM	61	¾ inch
Carl Schulte, Ridgewood, N. J.	CDW	200	1 "
Cameron Duncan, Toronto, Can.	CDX	120	¼ K. W.
C. F. Russell, Ashley, Mo.	CFR	150	2 inches
George Cox, Cullowhee, N. C.	CG	160	½ K. W.
Clarence G. Stone, Mt. Vernon, N. Y.	CGS	150	2 "
Chas. H. Church, Haddam, Conn.	CHC	240	1 inch
Charlie Harry, Houghton, Mich.	CHM	var.	1 "

Name and address of owner	Call letter	Approximate wave length in meters	Spark
R. Johnson, Oakland, Cal.	CJM	440	½ K. W.
Stuart R. Ward, Stoncham, Mass.	CKX	85	1 inch
C. L. Jaeger, Mahwah, N. J.	CLJ	400	1 K. W.
Frederick Frueh, Roslindale, Mass.	CM	350	1 inch
Chas. Cohen, Brooklyn, N. Y.	CMC	375	½ K. W.
Crocker Mann, Dover, Mass.	CMD	225	var.
Chas. M. Obenauer, Brooklyn, N. Y.	CMO	var.	"
W. R. Canty, Rutland, Vt.	CO	250	1 inch
Colby's Telegraph School, Auburn, N. Y.	COD	500	2 K. W.
C. O. Lorenz, Port Arthur, Texas.	COL	450	2 "
C. Paulsen, Rahway, N. J.	CPT	var.	8 inches
C. W. Robbins, N. Y. City, N. Y.	CR	var.	½ K. W.
Louis J. Matos, E. Orange, N. J.	CRN	var.	var.
A. C. Raymond, Buzzards Bay, Mass.	CRS	375	25 Watts
*Chas. Z. Smith, So. Bethlehem, N. Y.	CSX	—	—
Carl Schardt, Cleveland, O.	CSZ	var.	1½ inch
Chas. A. Wiggins, Irvington, N. J.	CT	70	1 "
Olfan De Guire, Silverton, Ore.	CV	175	1 K. W.
Sumner R. Hooper, Camp Wildwood, Me.	CW	600	1½ inch
Chas. J. Widmein, Philadelphia, Pa.	CWX	60	1 "
E. Freeman, N. Y. City, N. Y.	CYM	500	3 K. W.
Clarence Elkins, Canton, O.	CYN	80	2 inches
*A. B. Campbell, Buffalo, N. Y.	CYX	—	—
*Donald B. McKinney, Schenectady, N. Y.	D	—	—
J. Ferdinand Davidson, Oshkosh, Wis.	DF	90	1 inch
Kendrick Noble, Yonkers, N. Y.	DFS	250	10 K. W.
Nelson E. Holt, Buffalo, N. Y.	DHN	200	1 inch
*L. W. Darby, Belvidere, Ill.	DL	—	—
D. Palsey, DeKalb, Ill.	DLP	80	¼ K. W.
Raymond Lewelling, St. Helena, Cal.	DLX	400	1 "
*D. T. Donaghue, N. Y. City, N. Y.	DOD	45	—
J. M. Day, Waynesfield, O.	DS	170	3 inches
*J. Deters, Cincinnati, O.	DT	—	—
C. W. Conners, Bronx, N. Y.	DTX	350	6 "
Geo. W. Kelley, Jr., Philadelphia, Pa.	DW	125	2 "
Donald W. Dan, Montrose, Cal.	DWD	—	2 "
S. W. Doran, Hamilton, O.	D6	380	¼ K. W.
Frank Eaton, Jersey City, N. J.	EAT	43	½ inch
Eugene Bonduaux, N. Y. City, N. Y.	EB	var.	var.
Earl B. Rice, Roselle Park, N. J.	EBR	132	2 inches
Earl B. Schulz, San Francisco, Cal.	EBS	var.	1 "
E. C. Manborgne, Corona, L. I.	ECM	260	1 "
E. J. Duffy, Brooklyn, N. Y.	EDM	25	1 "
*E. E. Blankenship, Washington, D. C.	EEB	—	—
Wm. Green, Philadelphia, Pa.	EF	var.	3 "
Ernest Hill, Webb City, Mo.	EFJ	200	½ K. W.
E. F. Crane, Hoboken, N. J.	EF5	var.	var.
E. G. Fulton, E. Toledo, O.	EGF	115	¼ K. W.
Emil Helken, N. Y. City, N. Y.	EH	375	1 inch
J. E. Hunnicutt, Jr., Atlanta, Ga.	EHL	50	1 K. W.
E. H. Terrell, Orange, N. J.	EHT	var.	1 inch
Electro Importing Co., N. Y. City, N. Y.	EIC	var.	1 K. W.
Guy W. Neel, Dublin, Texas	EIN	375	2 "
Edward J. Riley, Milton, Mass.	EJR	var.	8 inches
Elmer L. Horlacher, Dayton, O.	ELH	175	1 "
Edward Lipson, East Saugus, Mass.	ELM	300	½ K. W.
Sterling E. Butler, Delhi, N. Y.	ENX	285	1 inch
Edward T. Peterson, Portland, Ore.	EP	225	1 "
John Parkin, Jr., San Rafael, Cal.	ER	var.	1 K. W.
M. Boisen, Jr., Sandusky, O.	ERC	100	¼ "
Arthur E. Krohne, Eagle Bend, Minn.	ES	400	1 inch
*Edward T. Davidson, Bayonne, N. J.	ET	—	—
Elyria Telegraphy School, Elyria, O.	ETW	165	2 "
W. D. Pain, E. Weymouth, Mass.	EW	var.	var.
*E. Wendell, Union Course, L. I.	EWQ	—	—

Name and address of owner	Call letter	Approximate wave length in meters	Spark
Joseph T. Smith, N. Y. City, N. Y.	EX	375	1 inch
Nathan Simpson, Lower Providence, R. I.	EXG	var.	var.
Milton Berel, Bronx, N. Y.	EYE	400	1 inch
W. A. Fountain, Elizabeth, N. J.	F	400	1 "
*F. H. Buchenberger, Brooklyn, N. Y.	FBI	—	—
*F. E. Beckman, Rock, Mass.	FBM	—	—
Wm. F. C. Kloefer, Brooklyn, N. Y.	FCK	350	3 inches
E. M. Flonerty, San Francisco, Cal.	FEM	52	1 "
Le Roy Howland, Auburn, N. Y.	FH	175	2 "
Fred. Mingo, Van Nest, N. Y.	FMY	var.	1 "
Frank O'Rourke, N. Y. City, N. Y.	FOM	55	¼ "
F. O. Robinson, Spokane, Wash.	FOR	200	¼ K. W.
Fred. Urban, Westfield, N. J.	FW	var.	¼ "
John J. Zapf, Brooklyn, N. Y.	FZ	var.	var.
Fred. Zipperlen, Irvington, N. Y.	FZ5	170	1 inch
Joseph E. Einhart, L. I. City, N. Y.	GAY	125	2 "
Gerald F. Duryee, Bayonne, N. J.	GDM	150	var.
Geo. T. Droste, Bronx, N. Y.	GDT	300	6 inches
Geo. Fletcher, So. Easton, Mass.	GFM	1000	1½ "
Geo. Griswald, Jr., Tuxedo Park, N. J.	GCG	400	¼ K. W.
Geo. Hainsworth, Berlin, Ont., Can.	GHB	100	¼ "
Geo. H. Sedgwick, Mt. Vernon, N. Y.	GHS	80	3 inches
Thomas J. P. Shannon, Los Angeles, Cal.	GIM	160	2 K. W.
*C. J. Gerhard, Omaha, Neb.	GJ	—	—
E. M. Rahm, Jersey City, N. J.	GLR	var.	2 inches
G. T. Coughlan, Long Branch, N. J.	GQX	55	1 "
Thos. B. Simpson, Hartsdale, N. Y.	GS	var.	1 K. W.
Geo. Ganter, N. Y. City, N. Y.	GSG	30	1 "
Gus. A. Swain, Champoeg, Ore.	GSN	400	var.
*John Grates, Redlands, Cal.	GSQ	—	—
Geo. T. Minasian, Glenn Ridge, N. J.	CTM	140	1 inch
Ernest H. & Webster Schmidt, Columbus, O.	GW	650	¼ K. W.
H. L. Haupt, Hooperstown, Ill.	GWA	80	½ "
George Blosser, Enola, Pa.	CWB	75	2 inches
Geo. Graimer, Toronto, Ont., Can.	GWG	650	½ K. W.
S. Webber Knight, Jr., Philadelphia, Pa.	GWK	500	1½ "
A. E. Gerhard, Omaha, Neb.	GWQ	250	½ "
Geo. A. Wilson, N. Y. City, N. Y.	QWY	var.	1 inch
Foster L. Burgess, Moosup, Conn.	GZ	350	½ K. W.
Geo. Anston, Chicago, Ill.	G1	60	¼ "
Harvey Johnson, Long Branch, N. J.	H	var.	1 inch
Herbert A. Hiller, Silver Creek, N. Y.	HAH	60	3 "
J. A. Hybarger, Ft. Worth, Texas	HAI	var.	1 "
Harry Anderson, Union Hill, N. J.	HAU	var.	1 K. W.
Horace A. Weddell, Chicago, Ill.	HAW	310	2 inches
H. A. Bolle, N. Y. City, N. Y.	HA7	180	3 "
H. W. Blackstone, The Weirs, N. H.	HB	1500	½ K. W.
H. Hittel, Brooklyn, N. Y.	HBH	180	2 inches
Harry Baumer, Chicago, Ill.	HBM	42	½ K. W.
Herman C. Rumer, Newark, N. J.	HCR	605	½ "
*Clarence H. Werner, Huntingburg, Ind.	HCW	—	—
*Fremont M. Hammond, Patchogue, L. I.	HDA	53	—
*Holland Davis, Phoenix, Ariz.	HDM	—	—
Harold E. Boege, Union Course, L. I.	HEB	var.	1½ inches
Harry McManus, Philadelphia, Pa.	HEM	80	1 "
C. J. Beckworth, Port Richmond, S. I.	HF	400	½ "
*Harold Fuselman, Martinsville, Ind.	HFG	—	—
Francis Huser, Jr., Hamilton, O.	HFJ	125	1 inch
Horace D. Good, Reading, Pa.	HGD	200	½ K. W.
H. Lawson, Palisades Park, N. J.	HH	585	1 "
*J. Warren Heeman, Enola, Pa.	HJW	—	—
Herbert Kuehne, Jersey City, N. J.	HK	120	2½ inches
Harry S. Logan, Seattle, Wash.	HL	425	1½ K. W.
*Leroy F. Hammond, Dunton, L. I.	HM	—	—

Name and address of owner	Call letter	Approximate wave length in meters	Spark
*P. R. Hart, Berkley, Cal.	HPR	—	—
Henry C. Quick, Brooklyn, N. Y.	HQ	280	2 inches
*Harold R. Parmelee, Springfield, Mass.	HRP	—	—
Henry Schmit, Paterson, N. J.	HS	200	2 inches
Harry Silbersdorff, Jersey City, N. J.	HSG	var.	1 "
Harold Dewitt Smith, Bayonne, N. J.	HSM	32	½ "
Harold Taylor, Muskegon, Mich.	HT	1500	1 K. W.
*H. Thomas, Chicago, Ill.	HTM	—	—
Marquis Bryant, Nyack, N. Y.	HTY	844	1½ inches
Henry Walter, Brooklyn, N. Y.	HW	var.	1 "
*Hans Walcher, St. Louis, Mo.	HWC	—	—
H. E. Williams, Belmont, Cal.	HWS	var.	1½ K. W.
Harry W. Gauss, Washington, D. C.	HW4	var.	var.
Harry Wohlke, Ft. Richmond, N. Y.	HW5	var.	"
W. Godfrey, W. Roxbury, Mass.	HX	800	½ K. W.
H. L. Brooke, Minneapolis, Minn.	HXB	125	1 inch
Henry Beyer, N. Y. City, N. Y.	HY	325	1 "
Harry Carson, Los Angeles, Cal.	H2	66	1 K. W.
James A. Kirker, Norwich, Conn.	IE	175	½ "
J. H. Stewart, Cincinnati, O.	IKE	175	10 inches
Brooke Sawyer, Santa Barbara, Cal.	IRK	275	var.
Flayen Overfield, Mt. Vernon, N. Y.	IS	500	2 inches
I. Teitelbaum, N. Y. City, N. Y.	ITM	152	½ K. W.
Geo. B. Darby, Bala, Pa.	IX	200	½ "
John Brady, Somerset Heights, Md.	J	var.	½ "
*H. Williamson, Redlands, Cal.	JAJ	—	—
Joyce A. Sherman, Bowling Green, O.	JAS	50	1 inch
*Joseph Beham, Newport, R. I.	JB	—	—
John Banta, Irvington, N. J.	JBQ	175	1 inch
*Everett B. Janvin, Hamton Falls, N. H.	JBX	—	—
*John A. Copps,	JC	—	—
J. Cameron Bblock, Greenside, Pa.	JCB	—	—
J. C. S. Tompkins, N. Y. City, N. Y.	JCS	390	6 inches
John H. Dow, Bayonne, N. J.	JD	220	2 "
John C. Dennis, Bridgeport, Conn.	JDE	120	1 "
*J. E. Johnson, Columbus, Ga.	JEJ	—	—
*Leo. Johnson, Indianapolis, Ind.	JEX	—	—
John F. McMahon, Jr., So. Norwalk, Conn.	JF	175	2 inches
J. F. Britt, Chicago, Ill.	JFB	var.	6 "
John G. Barret, Jr., Boston, Mass.	JGB	160	¼ "
J. H. Farrelmann, Richmond Hill, L. I.	JH	400	3 "
James H. Doran, Bismark, N. D.	JHD	275	1 K. W.
James H. Teague, Glaseport, Pa.	JHT	var.	var.
*Wm. J. Kennedy, San Francisco, Cal.	JK	—	—
Joseph Keavenly, Johnston, N. Y.	JKY	var.	var.
Joe R. Mahan, Independence, Kans.	JM	120	2 inches
*John Moreland, Earham, Iowa.	JME	—	—
M. K. Jacobs, Kendallville, Ind.	JMK	var.	var.
John Henry Mahan, Trenton, N. J.	JMX	75	¼ inch
John C. Holland, Searcy, Ark.	JN	175	1 "
John L. Parsons, Rye, N. H.	JP	150	1 "
John P. Hobart, Jr., Cincinnati, O.	JPH	60	1 "
John C. Rector, Marshall, Ill.	JRM	180	½ K. W.
John S. R. Nee, Plainfield, N. J.	JSR	366	3 inches
J. A. C. Warner, Putnam, Conn.	JW	81	1 "
*John W. Bramble, Baltimore, Md.	JWB	—	—
Fred. J. Wager, N. Y. City, N. Y.	JWF	90	1 inch
Manuel Muniz, Holmes, Pa.	JX7	175	1 "
Robert Mirgeler, Milwaukee, Wis.	J2	150	1 "
Chas. M. Kraemer, Duluth, Minn.	KCM	var.	½ K. W.
*E. Albert Krug, San Francisco, Cal.	KEA	125	—
*A. J. Aram, Kent's Hill, Me.	KH	109	—
Harry H. Karstens, Wheaton, Ill.	KHF	var.	var.
Benton B. Kendig, Mt. Vernon, N. Y.	KK	var.	½ K. W.

Name and address of owner	Call letter	Approximate wave length in meters	Spark
Kinross Knox, Stamford, Conn.	KKM	36	½ K. W.
Kelly Miller, Jr., Washington, D. C.	KM	140	1 inch
Marvin Wooffer, So. Bend, Ind.	KMW	1600	½ K. W.
Herbert N. Swain, Hamilton, O.	KN	225	½ "
Bartow Koopman, N. Y. City, N. Y.	KNM	152	8
H. J. Gillman, Brooklyn, N. Y.	KO	600	1 K. W.
Karl E. Soderstrom, Grand Rapids, Mich.	KSF	var.	½ "
William Reidt, Jr., Portland, Ore.	KW	1000	8½ "
Kenosha Wireless School, Kenosha, Wis.	KWG	1200	1 "
Frank J. Corey, Somerville, Mass.	LA	100	1/20 "
L. W. Davis, Concord, N. H.	LDA	100	½ "
Daniel W. Smith, Oyster Bay, N. Y.	LDC	1500	½ "
*La Drew Kenyon, Rock, Mass.	LDK	160	—
M. M. Michael, Jr., Nutley, N. J.	LDM	36	2½ inches
*Loren E. Dumire, Marshalltown, Iowa.	LED	—	—
Lynn G. E. Rhodes, N. Yakima, Wash.	LEM	165	¾ K. W.
Lawrence H. Harwi, Bayonne, N. J.	LH	400	1 inch
L. Howard Van Syckle, Ft. Lee, N. J.	LHS	1000	½ "
Leslie J. Gaddis, Chicago, Ill.	LI	120	2 K. W.
Louis Kirkpatrick, Glens Ridge, N. J.	LKM	140	¾ inch
Lee Pumell, S. Berkeley, Cal.	LLO	375	2½ "
Frank Metzner, Chicago, Ill.	LM	var.	var.
Willard H. Conklin, Roselle, N. J.	LMS	—	1 inch
Lee R. Shropshire, Palisades Park, N. J.	LS	125	1½ "
P. H. Lattime, Medford, Mass.	LSM	var.	2 "
Wm. Isenecker, Boston, Mass.	LW	100	1 "
Louis W. Eaton, Calais, Me.	LWE	65	1 "
L. W. Warner, Ashland, Wis.	LWM	122	var.
Mowle & Bess, Weehawken, N. J.	MAB	var.	1½ inches
Gilbert M. Wilson, Lafayette, Ind.	MAI	135	½ K. W.
Matthew Bergen, Brooklyn, N. Y.	MAT	var.	2 inches
H. H. Birchard, Bronx, N. Y.	MB	750	"
Maxwell K. Burckett, Montclair, N. J.	MBF	90	½ "
Morris B. Muller, Flatbush, N. Y.	MBM	75	¾ K. W.
Clyde D. Martin, Los Angeles, Cal.	MCD	var.	½ "
D. J. Mahoney, Newark, N. J.	MD	75	1 inch
M. D. Mosher, Rochester, N. Y.	MDM	110	½ K. W.
John Schram, Brooklyn, N. Y.	MFD	500	1 "
M. J. Quisenberry, Conway Ky.	MFM	61	1½ inches
George T. Morgan, Coxackie, N. Y.	MGB	65	1 "
Thos. G. Miller, Phoenix, Ariz.	MGT	var.	½ K. W.
Harry M. Ash, Jr., Paterson, N. J.	MH	175	½ "
H. E. McEvoy, Brooklyn, N. Y.	MHE	var.	½ inch
M. H. Hammerly, New Rochelle, N. Y.	MHH	var.	var.
Arthur Batcheller, Revere, Mass.	MI	250	2 inches
M. S. Lowery, Laurel, Md.	MIS	var.	½ K. W.
Don Mead, Newark, N. J.	MM	60	1 inch
F. M. Michael, Eaton, O.	MO	125	var.
Powell May, Knoxville, Tenn.	MPX	var.	1 K. W.
Wm. A. Meeds, Baltimore, Md.	MS	var.	2 inches
Franny Glen, Beloit, Wis.	MSA	120	¼ K. W.
Clarence Bischoff, Lents, Ore.	MV	300	1 "
Otis K. Darfee, Gloversville, N. Y.	MWD	57	1 inch
*Max Alvin, Chicago, Ill.	MWM	—	—
The United Telegraph Schools Co., Philadelphia, Pa.	NA	100	¼ inch
L. W. Warner, Ashland, Wis.	NAQ	250	2 "
Nathan Bard, Irvington, N. J.	NB	120	1 "
Harold Voorhis, Red Bank, N. J.	NDM	121	1½ "
F. C. Nicolini, St. Paul, Minn.	NEC	var.	½ K. W.
W. J. Jeffries, Atlantic City, N. J.	NI	100	2 inches
Wm. E. Nevell, Frankford, Philadelphia, Pa.	NWK	var.	var.
*H. S. Walker, Niagara Falls, N. Y.	OAO	—	—
*O. Anderson, Everett, Mass.	OAX	—	—
Wm. Osborn, San Francisco, Cal.	OHM	100	¼ K. W.
Elmer Heagney, French Camp, Cal.	OH5	var.	2 inches
Otto J. Gempp, Carlstadt, N. J.	OIS	461	½ K. W.
O. L. Paquette, Clinton, Mass.	OP	132	3 inches
O. T. Marrosky, Newark, O.	OTM	200	1 K. W.
*Ogden Lindsey, Plainfield, N. J.	OX4	—	—
D. B. Palmer, Elizabeth, N. J.	P	85	1 inch
Paul A. Courtright, Marlboro, N. J.	PAC	123	¼ K. W.
Auguste F. Peck, Bronx, N. Y.	PAF	80	var.
C. Wm. Pfeil, Jr., Irvington, N. Y.	PB	75	1 inch
Philip Bangs, Savannah, Ga.	PB5	450	1½ "

Name and address of owner	Call letter	Approximate wave length in meters	Spark
Sidney Bennett, Hoquiam, Wash.	PD	360	3 inches
Edwin L. Powell, Washington, D. C.	PL	175	25 Watts
W. A. McElwain, Toronto, Can.	PLP	150	1 K. W.
Frank M. Koch, San Francisco, Cal.	PQ	150	1 "
K. W. Wireless Station, Keene, N. H.	PV	var.	1 1/2 "
Ernest J. Valheey, Bay Shore, N. Y.	PY	70	3 inches
*Edward Rimlinger, San Francisco, Cal.	PZ	160	"
Ernest J. Heiser, Hamilton, O.	Q	225.	4 inches
*Albert Schnabel, Cleveland, O.	QAX	—	—
Andrew P. Williams, Mobile, Ala.	QD	var.	1 K. W.
Edward Werner, W. Berkeley, Cal.	QGM	35	1/2 "
Raymond Post, N. Y. City, N. Y.	R	200	1/2 "
*Clifford Young, Van Wert, O.	RA	240	—
R. A. Sturtevant, Springfield, Mass.	RAS	61	1/4 K. W.
Raymond Allison, Riverside, Cal.	RB	100	1/4 "
*Harold Cheel, Ridgewood, N. J.	RCM	80	—
Clarence H. Pfeifer, Ridgewood, N. J.	RD	var.	1/4 K. W.
R. H. Depew, Jr., Ithaca, N. Y.	RDM	125	1 1/2 "
Ralph Elliot, Independence, Kan.	RE	100	1 1/2 "
*Ralph E. Hammond, Reading, Pa.	REH	—	—
Earl J. Rickard, New Baltimore, N. Y.	REJ	var.	var.
Ray E. Sage, Seattle, Wash.	RES	2000	3 K. W.
N. R. Hill, Chicago, Ill.	REX	375	12 inches
W. B. Puriton, Brooklyn, N. Y.	RFH	150	4 "
Robt. F. Petrasels, N. Y. City, N. Y.	REP	var.	3 K. W.
Frank W. Roberts, Caldwell, Idaho.	RFW	var.	1/2 inch
Raymond G. Mason, Brooklyn, N. Y.	RGM	80	1/2 K. W.
Raymond Hopkins, Brooklyn, N. Y.	RHB	var.	var.
M. D. Losey, Ravenna, N. Y.	RHF	73	2 inches
Robert H. Bahnney, Massillon, Ohio.	RHS	var.	1 1/2 "
Robt. H. Kimes, Dayton, Ohio.	RK	100	2 "
P. L. Kyes, Los Angeles, Cal.	RKD	185	1/4 K. W.
*Rudolph Lotz, Jr., Chicago, Ill.	RL	—	—
*R. J. Le Boeuf, Jr., Albany, N. Y.	RLB	66	—
Maxwell's	RM	250	1/2 K. W.
E. J. Whitehouse, Brooklyn, N. Y.	RN	860	1 inch
R. R. Rasmussen, Elgin, Ill.	RRM	var.	1 K. W.
*R. V. Russell, Toronto, Can.	RRV	—	—
Riverside Wireless Association, Riverside, Cal.	RS	400	3 K. W.
*Ralph S. Wortley, Mt. Kisco, N. Y.	RSW	—	—
L. Spangenberg, Paterson, N. J.	RS5	200	1 K. W.
*Robert E. Sticht, Republic, Wash.	RS7	—	—
Clinton Griffith, Jr., Tenafly, N. J.	RVM	250	1 inch
Charles Wheelock, Riverside, Cal.	RVM	120	1/4 K. W.
R. W. Ackerman, Hartsdale, N. Y.	RWA	180	1 "
Rev. Pearson, E. Orange, N. J.	RWX	var.	4 inches
W. & R. Dettmer, East Port Chester, Conn.	RW2	180	1 "
Louis Roth, N. Y. City, N. Y.	RZ	250	3/4 "
S. C. Wilson, Solomon, Kan.	S	var.	1/2 K. W.
W. Neal Campbell, Galveston, Texas.	SAR	var.	1 inch
J. M. Albert, Rochester, N. Y.	SA9	var.	2 "
James King, Hoyt Sound Beach, Conn.	SARM	var.	1/4 "
*C. N. Richards, Jr., Pittsburg, Pa.	SBR	—	—
*Herbert O. Fox, Jr., Brookline, Mass.	SB3	—	—
W. Carl Shimm, Camden, N. J.	SC	300	5 inches
Darius Sylvester, R. V. C.	SDD	500	1 1/2 "
Tellesphore Peters, R. V. C.	SDDL	475	1 1/2 "
Benard Gasser, E. Rockaway, N. Y.	SDM	420	1 1/2 "
Harry Siegman, R. V. C.	SDN	420	1 1/2 "
Edwin A. Schabbenhan, Rockville Center, L. I.	SDS	var.	1 1/2 K. W.
D. W. Smith, Oyster Bay, L. I.	SDW	3200	15 "
J. Louis Neff, Rockville Center, L. I.	SDX	100	1/2 "
Mercer Bungart, R. V. C.	SDY	730	2 "
Norman E. Soules, Norwich, Conn.	SEN	125	1/2 "
S. & E. Vehslage, Irvington, N. J.	SEV	175	1 1/2 "
Sherman Kelly, N. Y. City, N. Y.	SPK	304	2 inches
Sidney G. Roberts, Mobile, Ala.	SG	var.	1/2 K. W.
Gregory & Sands, Brooklyn, N. Y.	SGM	var.	var.
Otto Galla, Chicago, Ill.	SGR	450	1/2 K. W.
*Seth G. Smith, Concord, N. H.	SGS	—	—
*W. Hude, Brooklyn, N. Y.	SH	—	—
Silas Horn, Richmond, Ind.	SHH	185	1 inch
C. Dratschmidt, Yonkers, N. Y.	SIE	334	2 K. W.
I. P. Shannon, Los Angeles, Cal.	SIM	210	2 "
Jas. Stevens, Jr., Somerville, Mass.	SLM	80	1 inch
K. Remington, Fall River, Mass.	SM	175	1/4 K. W.
Sam C. Morrell, Passaic, N. J.	SMX	92	1 1/2 "
M. E. Shedd, E. Providence, R. I.	SM2	var.	1-8 "
H. P. Wesdewelt, Nantmit, N. Y.	SNM	50	1 inch
Warren Somers, Bridgeton, N. J.	SO	58	1/4 K. W.
S. K. Lowe, Oakland, Cal.	SPG	110	1/2 "
Stanley Patten, N. Y. City, N. Y.	SPM	100	1/4 inch
S. R. Electro Co., Sheboygan, Wis.	SR	var.	var.
Samuel O. Richey, Los Angeles, Cal.	SR5	var.	1 K. W.
Detlev W. Bronk, Bayonne, N. J.	SS	var.	1 inch

Name and address of owner	Call letter	Approximate wave length in meters	Spark
L. J. Champagne, Portland, Ore.....	SSE	375	15
C. Brenell, Hoboken, N. J.....	SSS	var.	2
*F. Clifford Estey, Salem, Mass.....	STE	—	—
Raymond Q. Dalton, Chicago, Ill.....	STM	—	1/2
Stuart R. Wells, Utica, N. Y.....	SW	75	1
W. Frank Showalter, Dayton, Ohio.....	SWF	var.	—
*Wm. W. Squires, New Bedford, Mass.....	SWX	—	—
S. W. Schwartz, Suffield, Conn.....	SXM	80	6
T. E. Story, Searcy, Kan.....	SY	175	1
William Lippert, Johnstown, N. Y.....	SYX	60	1/4
*Luzerne Smith, Riverside, R. I.....	S7X	—	—
Percy De Carteret, Middleton, Cal.....	TH	200	1/2
T. John Rigby, Pasadena, Cal.....	TJ	296	1 1/2
Thomas S. Kelley, Chestnut Hill, Pa.....	TK	60	2
*Theodore Krantz, Newark, N. J.....	TKM	—	—
*Chas. Teepler, Hoboken, N. J.....	TLM	—	—
O. T. M. Daly, Memphis, Tenn.....	TMD	550	—
T. J. Nortum, Buffalo, N. Y.....	TN	125	3/4
Avery D. Tooke, N. Y. City, N. Y.....	TY	var.	var.
Arthur Upton, Paterson, N. J.....	UAX	210	1/2
University of Pennsylvania, Philadelphia, Pa.....	UP	var.	3 1/2
H. S. Schauk, Keyport, N. J.....	UZM	100	1/2
Vernon Deal, Hooperston, Ill.....	VCD	var.	1
Claude P. Varner, Searcy, Ark.....	VCP	85	1
Vincent Floeker, Allegheny, Pa.....	VFM	var.	1
Erskine B. Van Houten, Nyack, N. Y.....	VH	200	1
Burmer Hathaway, Nutley, N. J.....	VHB	106	4
*Richard H. Van Horn, Lambertville, N. J.....	VHR	—	—
Jas. E. Jones, Yates, N. Y.....	VIE	67	1
Jas. E. Jones, Lyndonville, N. Y.....	VIG	200	1
*Summer Fearing, E. Weymouth, Mass.....	VM	—	—
*Chas. T. Robinson, Middletown, Conn.....	VRC	—	—
C. R. Davis, Passaic, N. J.....	VSM	150	1 1/4
Harold J. Hardley, Toronto, Can.....	VSA	160	1/2
Ernest A. Weber, Brooklyn, N. Y.....	WAS	120	1
W. E. Bewald, Davenport, Iowa.....	WB	165	1 1/2
Warren Burgess, Hyde Park, Mass.....	WBG	250	1
W. N. Harper, Waitsburg, Wash.....	WBH	100	1/2
James Bell Williamson, Toronto, Can.....	WBJ	var.	2
Wilmans Ballaugh, Daytona, Fla.....	WBM	51	1/2
*W. B. Sigel, Amelia, O.....	WBS	—	—
R. L. Wadhams, Wilkes-Barre, Pa.....	WBI	500	12
Walter C. Beard, Ashland, Ky.....	WCB	244	—
Wm. C. Graf, Paterson, N. J.....	WCG	52	1 1/2
*Wallace C. Herman, Dayton, Ohio.....	WCH	—	—
L. Willard De Yoe, Paterson, N. J.....	WD	258	1/4
Louis F. Diederich, Washington, D. C.....	WDF	var.	1/2
*J. S. Girard, Lodi, Cal.....	WDM	130	—
E. W. Wade, Union, N. J.....	WEW	var.	2
Walter Faries, Philadelphia, Pa.....	WF	150	1
*Walter F. Krenbring, Detroit, Mich.....	WFK	—	—
M. L. Wallace, Long Branch, N. J.....	WFL	175	1-20
Walter Hentzschell, Baltimore, Md.....	WHA	var.	1/2
Wm. H. Wagner, W. Reading, Pa.....	WHG	300	1/2
Wm. H. Merker, Pittsburg, Pa.....	WHM	700	1
William H. Woodhall, Attica, Ind.....	WHW	225	1 1/2
Wm. J. Borner, N. Y. City, N. Y.....	WJB	450	3
W. J. Klein, Williamsville, N. Y.....	WJF	var.	1
Wm. Jenik, N. Y. City, N. Y.....	WJG	400	2
William J. Heffernan, Brooklyn, N. Y.....	WJM	125	1
E. B. Wagner, Wilkes-Barre, Pa.....	WK	500	1/2
Frank X. Keiling, Jr., Newark, N. J.....	WKL	216	1
Wm. Mintzer, Jr., San Francisco, Cal.....	WM	120	3
W. McCurdy, N. Y. City, N. Y.....	WMC	375	1/2
*J. Wynne Meginnie, Lambertville, N. J.....	WMO	—	—
Walter Paul, Hackensack, N. J.....	WPM	200	1/2
Walter R. Armstrong, New Orleans, La.....	WRA	var.	3/4
William S. J. Fithran, Bridgeton, N. J.....	WS	120	1/2
*Will S. Bates, White Salomon, Wash.....	WSB	425	—
Willard S. Wilder, Ashland, Wis.....	WSW	49	3 1/4
J. W. Swanson, N. Y. City, N. Y.....	WS5	100	1 1/2
Wm. Stagle, Manheim, Pa.....	WTS	275	1
Wm. R. Horn, Brooklyn, N. Y.....	WWW	var.	var.
Wm. S. Higbie, Cranford, N. J.....	WZ	500	var.
William F. Wood, North Bend, Ore.....	W42	var.	var.
Geo. Eddy Philips, Chicago, Ill.....	XO	210	2
W. E. D. Stokes, Jr., N. Y. City, N. Y.....	X	465	10
W. E. D. Stokes, Jr., Long Branch, N. J.....	XX	1000	2
A. Bossen, N. Y. City, N. Y.....	XX5	500	1
Raymond Crowder, Raleigh, N. C.....	XX7	160	50
*Edward Yerxa, Minneapolis, Minn.....	YE	—	—
Stanley S. Howe, Battleboro, Vt.....	YXM	55	var.
M. B. Ferrass, Los Angeles, Cal.....	ZY	140	1/2
*Roy H. Jantzen, Degraff, Ohio.....	4J	—	—
Robert F. Wilbur, Omaha, Neb.....	5A	1740	1/2