

Second Annual Official

**Wireless Blue Book**

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**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, and U. S. Amateur Stations

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CORRECTED TO JUNE 1st, 1910

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## "To Join The Wireless Association"



The WIRELESS ASSOCIATION of AMERICA has been founded with the sole object of furthering the interests of wireless telegraphy and telephony in America. This is not a money making institution but merely a scientific organization.

There are no dues or fees of any kind. We will mail free of charge to anybody a handsome folder describing the purposes of the Association, and a membership card. We also furnish an Association button, which is sold only to members, at 20 cents apiece.

This button is made of bronze and is triple silver plated. The flashes of the pole are in red enamel; the lettering is in black enamel. The button has screw back. We also furnish a solid gold button for the cost price of \$2.00.

When making application for membership to the Association, the remittance of 20 cents for button should be made at the same time.

To have your third Annual Wireless to press June 1st, 1911, for registering in this



name registered in the Blue Book, which goes a fee of 25 cents is made book.

If you wish to be and give all particulars about your station.

listed, remit 25 cents

The new applicants for the Wireless Blue Book will have their name and stations published every few months in the pages of MODERN ELECTRICS.

ALL MEMBERS ARE AT LIBERTY to inquire if there are any Wireless Stations in their neighborhood. Such services are free to members only, if stamped envelope is enclosed with inquiry.

THE WIRELESS ASSOCIATION OF AMERICA up to June 1st, 1910, numbered over 9000 members; the largest Wireless Association in the world.



ADDRESS ALL COMMUNICATIONS TO  
**WIRELESS ASSOCIATION OF AMERICA**

233 Fulton Street :: New York City

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

Location of station	Call letter	Owner	Location of station	Call letter	Owner
Isle of Shoales, N. H.	A	Stone Co.	Yukon, Mouth of, Alaska .....	*FE	U. S. Army
Avalon, Catalina Island, Cal. ....	A	Pacific Wireless T. Co.	Fort Gibbon, Alaska	*FG	do
Atlantic City, N. J. (Young's Pier)....	AX	U. W. T. Co.	Circle City, Alaska	*FK	do
Buffalo, N. Y. ....	BF	do	Fort Leavenworth, Kans.	*FL	do
Bridgeport, Conn. ....	BG	do	Fort St. Michael, Alaska	*FM	do
✓ Benton Harbor, Mich.	BH	do	Fort Hancock, N. J.	*FN	do
Boston, Mass. (Boston Herald) .....	BH	do	Petersburg, Alaska. ....	*FP	do
Boston, Mass. (Exchange Bldg.) ....	BN	do	Fort Egbert, Alaska	*FQ	do
Brant Rock, Mass. ....	BO	Nat. Elec. Sig. Co.	Fort Omaha, Nebr. ....	*FS	do
Albany, N. Y. (Hotel Ten Eyck) .....	BQ	U. W. T. Co.	Fort Totten, N. Y. ....	*FT	do
Phila., Pa. (Bellevue, Stratford) .....	BS	do	Fort Levett, Me. ....	*FV	do
Boston, Mass. (86 Broad St.) .....	BX	do	Wrangell, Alaska. ....	*FW	do
Cape Cod, Wellsfleet, Mass. ....	CC	Marconi Co.	Fort H. G. Wright, N. Y. ....	*FW	do
Buffalo, N. Y. ....	CB	Clark Co.	Fort Monroe, Va. ....	*FX	do
Duluth, Minn. ....	CDU	do	Fort Worden, Wash	*FY	do
Port Huron, Mich. ....	CH	do	Fort Riley, Kans. ....	FZ	do
Sault Ste. Marie, Mich.	CJ	do	Galilee, N. J. ....	G	U. W. T. Co.
Detroit, Mich. (Detroit Journal) .....	CJL	do	Los Angeles, Cal. ....	G	Pacific W. T. Co.
Marquette, Mich. ....	CM	do	Grand Haven, Mich. ....	GH	U. W. T. Co.
Milwaukee, Wis. ....	CMK	do	Chicago, Ill. ....	GO	do
Cleveland, O. ....	CN	do	Tangier Island, Va. ....	GR	do
Toledo, O. ....	CT	do	Galveston, Texas. ....	GV	do
Detroit, Mich. ....	CW	do	Holland, Mich. ....	H	do
Cleveland, O. ....	CX	U. W. T. Co.	✓ Cape Hatteras, N. C.	HA	do
Port Huron, Mich. ....	CY	Clark Co.	New Orleans, La. ....	HB	United Fruit Co.
Cambridge, Mass. (Harvard University) ..		Harvard University	Elizabeth City, N. C.	HD	U. W. T. Co.
Port Townsend, Wash.	D	Pacific W. T. Co.	Mackinac Island, Mich.	HQ	do
Seattle, Wash. ....	DA	do	Houghton, Mich. ....	HU	do
Tacoma, Wash. ....	DB	U. W. T. Co.	Ludington, Mich. ....	HX	do
Washington, D. C. ....	DC	Nat. Elec. Sig. Co.	Amesbury, Mass. ....	HY	Wireless Spec. App. Co.
Pasadena, Cal. ....	DE	U. W. T. Co.	Erie, Pa. ....	KN	U. W. T. Co.
Santa Barbara, Cal. ....	DF	do	Key West, Fla. ....	KW	do
Sacramento, Cal. ....	DG	do	Mobile, Ala. ....	MB	do
Everett, Wash. ....	DK	do	Mt. Beacon, N. Y. ....	MC	do
Duluth, Minn. ....	DM	do	✓ Milwaukee, Wis. ....	MK	do
Salem, Ore. ....	DM	do	Marquette, Mich. ....	MR	do
Roseburg, Ore. ....	DO	do	✓ Manitowoc, Wis. ....	MW	do
Detroit, Mich. ....	DR	do	Norfolk, Va. ....	N	do
Port Townsend, Wash.	DS	do	Cape Elizabeth, Me.	*NAB	U. S. Navy
South Haven, Mich. ....	DS	do	Portsmouth, N. H. (navy yard) .....	*NAC	do
Toledo, Ohio. ....	DX	do	Boston, Mass. (navy yard) .....	*NAD	do
Port Andrews, Mass.	*FC	U. S. Army	Cape Cod, North Truro, Mass. ....	*NAE	do
Fairbanks, Alaska. ....	*FB	do	✓ Newport, R. I. (Naval torpedo station) ..	*NAF	do
Fort Wood, N. Y. ....	*FD	do	Fire Island, N. Y. ....	*NAG	do
Nome, Alaska. ....	*ED	do			

\*Denotes Government Stations

✓ STAS I HEAR  
# " " HAVEHARD

*Recognized 1910 Comd*

Location of station	Call letter	Owner	Location of station	Call letter	Owner
B'klyn., N. Y. (navy yard) .....	*NAH	U. S. Navy	Portland, Ore.....	PE	U. W. T. Co.
Phila., Pa. (navy yard) .....	*NAI	do	Aberdeen, Wash.....	PH	do
Cape Henlopen, Lewes, Del. ....	*NAJ	do	Grays Harbor, Wash. ....	PG	do
Annapolis, Md. (Naval Academy) .....	*NAK	do	Westport, Ore. ....	PG	do
Washington, D. C. (navy yard) .....	*NAL	do	San Francisco, Cal...PH	PH	do
Norfolk, Va. (navy yard) .....	*NAM	do	Avalon, Catalina Island, Cal. ....	PI	do
Beaufort, N. C. (Pivers Island) .....	*NAN	do	Los Angeles, Cal....PJ	PJ	do
Charleston, S. C. (navy yard) .....	*NAO	do	Point Judith, R. I...PJ	PJ	Massie Co.
St. Augustine, Fla. ....	*NAP	do	San Diego, Cal.....PK	PK	U. W. T. Co.
Jupiter Inlet, Fla. ....	*NAQ	do	Eureka, Wash.....PM	PM	do
Key West, Fla. (naval station) .....	*NAR	do	Katalla, Alaska.....PN	PN	do
Pensacola, Fla. (navy yard) .....	*NAS	do	Cordova, Alaska.....PO	PO	do
New Orleans, La. (naval station) .....	*NAT	do	Monterey, Cal.....PQ	PQ	do
Long Beach, N. Y...NH		U. W. T. Co.	San Francisco, Cal. (Presido) .....	*PS	U. S. Army
Nantucket Shoals, light-ship .....	*NLA	U. S. Navy	Bellingham, Wash...PU	PU	U. W. T. Co.
Diamond Shoals .....	*NLB	do	Kalama, Wash. ....PV	PV	do
Cordova, Alaska...NPA		do	Marshfield, Ore.....PX	PX	do
Sitka, Alaska.....NPB		do	Olympia, Wash.....PY	PY	do
Puget Sound Navy Yard, Wash. ....	*NPC	do	Washington, D. C. (Capitol) .....	*QK	Elliot Woods
Tatoosh Island, Wash. ....	*NPD	do	Port Arthur, Texas...RA	RA	U. W. T. Co.
North Head, Ilwaco, Wash. ....	*NPE	do	Safety Harbor, Alaska .....	*SA	U. S. Army
Cape Blanco, Denmark, Ore. ....	*NPF	do	Cambridge, Mass.....S	S	Stone Co.
Table Bluff, Loleta, Cal. ....	*NPG	do	Signal Corps Lab., Wash- ington, D. C.....	*SC	U. S. Army
Mare Island Navy Yard, Cal. ....	*NPH	do	Siasconsett, Mass....SC	SC	Marconi Co.
Farallon Island, Cal. ....	*NPI	do	Sea Gate, N. Y.....SE	SE	Marconi Co.
Yerba Buena Island, (naval training station, Cal. ....	*NPJ	do	San Francisco, Cal...SF	SF	Pacific W. T. Co.
Point Arguello, Surf, Cal. ....	*NPK	U. W. T. Co.	Sault Ste. Marie, Mich. ....	SH	U. W. T. Co.
Point Loma, San Diego, Cal. ....	*NPL	do	Sagaponak, N. Y.....SK	SK	Marconi Co.
Washington, D. C. (Hotel Williard) ..	NW	do	Charleston, S. C.....SN	SN	U. W. T. Co.
N. Y. City, (42 Broad- way) .....	NY	do	Savannah, Ga.....SV	SV	do
Petoskey, Mich.....NZ		do	Southwest Pass, La.SW	SW	United Fruit Co.
Seattle, Wash. ....PA		do	Tacoma, Wash.....T2	T2	Marine Transmission Co.
Tacoma, Wash. ....PB		do	N. Y. City (111 Broad- way) .....	TWT	Telefunken Co.
Port Bolivar, Texas...PB		do	N. Y. City (Waldorf Astoria) .....	WA	U. W. T. Co.
Astoria, Ore.....PC		do	Wilson's Point, Conn. ....	WN	Massie Co.
Friday Harbor, Wash. ....	PD	do	N. Y. City (66 Broad- way) .....	XAS	Massie Co.
			N. Y. City (103 Park Ave) .....	XAU	Radio Telephone Co.
			N. Y. City (Metropoli- tan Tower) ....	XAV	do
			Newark, N. J.....XAW	XAW	do
			Philadelphia, Pa...XBG	XBG	do
			Washington, D. C.XBM	XBM	do
			Detroit, Mich.....XKQ	XKQ	do
			Toledo, O.....XKS	XKS	do
			Cleveland, O.....XKW	XKW	do
			Milwaukee, Wis...XMH	XMH	do
			Chicago, Ill.....XMJ	XMJ	do
			Michigan City, Ind. ....	XMQ	do
			Albany, N. Y.....XNM	XNM	do

\*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'ds....AM		W. T. Co.	San Juan, Porto Rico		Government
Seal Island, Labrador, Can. ....AT		Government		*NAU	U. S. Navy
Cape Bear, Prince Ed- ward Island, Can..BE		do	Culebra, Porto Rico		do
Battle Harbor, Labrador, Can. ....BH		do		*NAV	
Belle Isle, Newfoundland, Can. ....BI		do	Guantanamo, Cuba		do
Boca del Toro, Panama B		United Fruit Co.		*NAW	
Chateau Bay, Labrador, Can. ....CB		Government	Colon, Panama...*NAX		do
Cape Breton, Glace Bay, Nova Scotia, Can..CB		Marconi Co.	Porto Bello, Panama		do
Cape Race, Newfound- land, Can.....CE		Government		*NAY	do
Point Rich, Nova Scotia, Canada .....CH		do	Honolulu, H. I...*NPM		do
Clarke City, Seven Is- lands, Can. ....CK		do	Island of Guam...*NPN		do
Port Arthur, Ontario, Can. ....CPA		Clark Co.	Cavite, P. I.....*NPO		do
Cape Ray, Newfoundland, Can. ....CR		Government	Indian Harbor, Labrador, Can. ....NR		Government
Santa Clara, Cuba...DA		do	Nawiliwili, Kauai, H. I. NW		W. T. Co.
Vancouver, B. C., Can. DF		U. W. T. Co.	Point Grey, B. C., Can. PGD		Government
Domino Island, Labra- dor, Can. ....DO		Government	Point Armour, Labrador, Can. ....PR		do
Malabang, P. I....*FA		U. S. Navy	North Vancouver, B. C., Can. ....PR		U. W. T. Co.
Corregidor Island, P. I. *FH		do	Victoria, B. C., Can.PW		do
Zamboanga, P. I...*FM		do	Isle of Pines, W. I...P		Government
Fame Pt., Quebec, Can. FP		Government	Quebec, Can. ....Q		Marconi Co.
Jolo, P. I.....*FS		U. S. Navy	Pinar del Rio, W. I.RS		Government
Grosse Isle, Quebec, Can. GI		Government	Father Point, Quebec, Can. ....RT		do
Heath Point, Anticosti Island, Can. ....HP		do	Pictou, Nova Scotia, Can. RU		do
Kahuku, Cahu, H. I..HU		W. T. Co.	Cape Sable, Nova Scotia, Can. ....SB		do
Havana, Cuba.....HV		U. W. T. Co.	Sable Island, Nova Scot- ia, Can. ....SD		do
Camperdown, Halifax, Nova Scotia, Can.HX		Marconi Co.	St. John, Partridge Is- land, New Brunswick, Can. ....SJ		do
Puako, Hawaii, H. I.KA		W. T. Co.	Cape Lazo, B. C. Can. SKD		do
Pachena Point, B. C. Can. ....KPD		Government	Estevan Point, B. C., Can. ....USD		do
Lahaina, Maui, H. I.LH		W. T. Co.	Venison Island, Labra- dor, Can. ....VI		do
Havana, Cuba .....M		W. T. Co.	Victoria, B. C., Can. VSD		do
			Whittle Rocks, Quebec, Can. ....WR		Government
			Triangle Island, Can....		do
			Prince Rupert, Can....		do
			Ikeda Bay, Can.....		do
			Camaguey, Cuba .....		do
			Santiago de Cuba, Cuba		do
			Baracoa, Cuba .....		do
			Bayamo, Cuba .....		do

\*Denotes Government Stations

## Ship Stations, belonging to the United States Government (\*) U. S. 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.	Goliah .....	B3	Puget Sound Tug Boat Co.
Concho .....	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 Alpena .....	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.
Comal .....	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 Har-		Graham & Morton	Princess Royal .....	CPR	do
bor .....	AQ	Line	Princess Victoria...	CPV	do
San Jacinto .....	AS	Mallory S. S. Co.	City of Erie .....	CR	Cleveland and Buffalo Transportation Co.
Admiral Sampson....	AS	Alaska-Pacific S. S. Co.	Tasco .....	CS	T. A. Scott Co.
Kilpatrick .....	*ATK	U. S. army transport	Seneca .....	CS	New York and Porto Rico S. S. Co.
Logan .....	*ATL	do	Western States .....	CS	Detroit and Buffalo S. S. Co.
Sherman .....	*ATR	do	Canada .....	CT	Canadian Government
Sheridan .....	*ATS	do	Tionesta .....	CTA	Anchor Line
Thomas .....	*ATU	do	City of Buffalo .....	CU	Cleveland and Buffalo Transportation Co.
Dolphin .....	AU	Alaska S. S. Co.	Commonwealth .....	CW	New England Navigation Co.
Seward .....	AV	do	St. Croix .....	CX	Schuback - Hamilton S. S. Co.
Olympia .....	AW	Alaska S. S. Co.	Philadelphia .....	DA	Red "D" Line
Brazos .....	AZ	Mallory S. S. Co.	Caracas .....	DB	do
Tyce .....	A3	Puget Sound Tug Boat Co.	Bremen .....	DBR	North German Lloyd
Bermudian .....	BA	Quebec S. S. Co.	Iowa .....	DC	Goodrich Transit Co.
Virginia .....	BC	Goodrich Transporta- tion Co.	Cap Arcona .....	DCA	Hamburg - South American Line
W. S. Porter .....	BD	Associated Oil Co.	Cap Blanco .....	DCB	do
Iroquois .....	BG	Inland Navigation Co.	Cap Verde .....	DCE	do
Chippewa .....	BH	do	Cap Frio .....	DCF	Hamburg - South American Line
Indianapolis .....	BI	do	Cap Ortegal .....	DCO	do
Rosecrans .....	BM	Associated Oil Co.	Cap Roca .....	DCR	do
Nyack .....	BM	Crosby Transporta- tion Co.	Cap Vilano .....	DCV	do
Boston .....	BN	New England Navi- gation Co.	Kaiserin Auguste Victoria .....	DDA	Hamburg American Line
Nann Smith .....	BO	C. A. Smith Lumber Co.	Bleucher .....	DDB	do
Hermosa .....	BP	Benning Bros.	Cincinnati .....	DDG	do
Cabrillo .....	BS	Wilmington Trans- portation Co.	Bulgaria .....	DDG	do
Burnside .....	*BS	U. S. Army cable ship	Hamburg .....	DDH	do
Rupert City .....	BU	Mackenzie Bros. S. S. Co.			
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 .....	DDU	do	Jefferson .....	HM	Alaska S. S. Co.
Cleveland .....	DDV	do	Hanalia .....	HN	Independent S. S. Co.
Graf Waldersee .....	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 Cecile .....	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	Hamburg American Line	Humboldt .....	HX	Humboldt S. S. Co.
König Friedrich August .....	DKF	Hamburg American Line	Plymouth .....	HY	New England Navigation Co.
König Wilhelm II. DKG	DKG	North German Lloyd	Rose City .....	H2	San Francisco & Pacific S. S. Co.
Grosser Kurfurst .....	DKG	do	Illinois .....	IN	Northern Michigan Transportation Co.
Main .....	DKI	do	City of Racine .....	IC	Goodrich Transit Co.
Neckar .....	DKK	do	Horatio Hall .....	JH	Maine S. S. Co.
Königen Luise .....	DKL	do	Manhattan .....	JM	do
Kaiser Wilhelm II. DKM	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	DKP	do	Mascotte .....	KM	Peninsula & Occidental S. S. Co.
Rhein .....	DKR	do	Momus .....	KM	Southern Pacific Co.
Barbarossa .....	DKS	do	Creole .....	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	I. G. Bennett
Prince Adalbert .....	DPA	Kiel-Korsor Line	Leopold II .....	LD	Belgium Government
Prince Sigismund .....	DPS	do	La Flandre .....	LF	do
Prince 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 .....	MAT	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
Lvdonia .....	FZ	Private yacht	Batavier IV .....	MRP	Batavier Line
City of Seattle .....	GA	Pacific Coast S. S. Co.	Bavarian .....	MBN	Allan Line
Capt. A. F. Lucas .....	GR	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 .....	MRT	do
City of Everett .....	GF	do	Batavier V .....	MRV	do
Falcon .....	GF	Ches. 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	Malwa .....	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	Ancona .....	MOA	Italian S. S. Line
Arabic .....	MFC	White Star Line	Oceanic .....	MOC	White Star Line
Finland .....	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	Lapland .....	MPD	Red Star Line
Noordam .....	MHA	Holland - American Line	Philadelphia .....	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..MPI		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	Grampian .....	MRN	Allan Line
Inkosi .....	MIK	do	Principe Di Piemonte		Lloyd Sabauda Line
Iolanda .....	MIL	Private yacht	MRP		do
Kennebeck .....	MK	New England Navigation Co.	Tomaso di Savoia..MRS		Panama R. R. S. S. Co.
Kroonland .....	MKD	Red Star Line	Ancon .....	MS	New England Navigation Co.
Frisia .....	MKF	Koninkhijke - Hollandische Lloyd	Massachusetts .....	MS	Cunard Line
Hollandia .....	MKH	do	Saxonia .....	MSA	Sicula American Line
Lucania .....	MLA	Cunard Line	San Giovanni .....	MSF	do
La Bretagne .....	MLB	Cie Générale Transatlantique	San Giorgio .....	MSH	American Line
La Champagne .....	MIC	do	St. Louis .....	MSL	American American Line
Celtic .....	MIC	White Star Line	San Guiseppi.....MSM		Allan Line
Lake Erie .....	MLE	Canadian Pacific R. Co.	Hesperian .....	MSN	Sicula American Line
La Gascogne .....	MLG	Cie Générale Transatlantique	San Guglielmo .....	MSO	American Line
Lake Michigan .....	MLH	Canadian Pacific R. Co.	St. Paul .....	MSP	Canadian Government
Montreal .....	MLI	Canadian Pacific R. Co.	Minto .....	MT	Cunard Line
Montrose .....	MLJ	do	Ultonia .....	MTA	White Star Line
Montezuma .....	MLK	do	Teutonic .....	MTC	Allan Line
La Lorraine .....	MLL	Cie Générale Transatlantique	Tunisia .....	MTN	Cunard Line
Lake Manitoba .....	MLM	Canadian Pacific R. Co.	Umbria .....	MUA	Austro-American Line
Lake Champlain .....	MLN	do	Argentina .....	MUG	do
Mount Royal .....	MLO	do	Alice .....	MUL	do
La Provence .....	MLP	Cie Générale Transatlantique	Oceania .....	MUO	do
Mount Temple.....MLQ		Canadian Pacific R. Co.	Laura .....	MUR	do
La Savoie .....	MLS	do	Martha Washington		do
La Touraine .....	MLT	Canadian Pacific R. Co.	MUW		Panama R. R. Co.
Milwaukee .....	MLT	do	Advance .....	MV	Cunard Line
Montfort .....	MLW	do	Slavonia .....	MVA	La Veloce Line
Monmouth .....	MLX	do	Cita di Napoli .....	MVC	Red Star Line
La Chicago .....	MLY	Cie Générale Transatlantique	Vaderland .....	MVD	La Veloce Line
Montcalm .....	MLZ	Canadian Pacific R. Co.	Europa .....	MVE	Allan Line
Minnehaha .....	MMA	Atlantic Transport Line	Victoria .....	MVN	La Veloce Line
Mackay-Bennett ..MMB		Commercial Cable Co.	Nord America .....	MVR	do
			Sud America .....	MVS	Panama R. R. Co.
			Colon .....	MX	Austrian Lloyd S. S. Co.
			Thalia .....	MYA	do
			Zeeland .....	MZD	Red Star Line
			r'lorizel .....	MZL	Bowring Line
			Rosalind .....	MZR	do
			Geo. W. Elder.....M2		North Pacific S. S. Co.
			Abarenda .....	*NPA	U. S. Navy
			Accomac .....	*NBC	do
			Active .....	*NRD	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	*NFJ	U. S. Navy
Aileen	*NBG	do	Farragut	*NFP	do
Ajax	*NBH	do	Fish Hawk	*NFO	do
Alabama	*NBI	do	Florida	*NFR	do
Albany	*NBJ	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	*NBO	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	*NCT	do
Bainbridge	*NCG	do	Hannibal	*NCU	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	*NCO	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	Ionic	*NHS	do
Celtic	*NDB	do	Iowa	*NHT	do
Charleston	*NDC	do	Iris	*NHU	do
Chattanooga	*NDE	do	Iroquois	*NHV	do
Chauncey	*NDF	do	Isla de Cuba	*NHW	do
Chester	*NDG	do	Isla de Luzon	*NHX	do
Cheyenne	*NDH	do	Iwana	*NHY	do
Chicago	*NDI	do	Jupiter	*NIE	do
Chickasaw	*NDI	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	*NDO	do	Lebanon	*NIZ	do
Constellation	*NDR	do	Leonidas	*NJA	do
Constitution	*NDS	do	Louisiana	*NJB	do
Craven	*NDT	do	Macdonough	*NJH	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	*NIV	do
Don Juan de Austria	*NER	do	Michigan	*NIJ	do
Dorothea	*NES	do	Pequonock	*NK	do
Drayton	*NET	do	Milwaukee	*NKA	New England Navigation Co.
Duboué	*NEU	do	Mindoro	*NKB	U. S. Navy
Du Pont	*NEV	do	Minneapolis	*NKC	do
Du Pont	*NEV	do	Minnesota	*NKD	do
Eagle	*NFC	do	Mississippi	*NKE	do
Eagle	*NFD	do	Missouri	*NKF	do
Eleanore	*NFE	do	Moccasin	*NKG	do
Elcano	*NFG	do	Modoc	*MKH	do
Elfrida	*NFG	do			
Enterprise	*NFI	do			
Ericsson	*NFI	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			U. S. Navy
Morris .....	*NKP		Salmon .....	*NSA	do
Nanshan .....	*NKV	do	Samar .....	*NSB	do
Narkeeta .....	*NKW	do	Samoset .....	*NSC	do
Narwhal .....	*NKX	do	Sandoval .....	*NSD	do
Nashville .....	*NKY	do	San Francisco .....	*NSE	do
Navajo .....	*NKZ	do	Saturn .....	*NSF	do
Montcalm .....	*NL	Canadian Government	Scorpion .....	*NSG	do
Nebraska .....	*NMA	U. S. Navy	Seal .....	*NSH	do
Nero .....	*NMB	do	Sebago .....	*NSI	do
Nevada .....	*NMC	do	Severn .....	*NSJ	do
Newark .....	*NMD	do	Shark .....	*NSK	do
New Hampshire .....	*NME	do	Shubrick .....	*NSL	do
New Jersey .....	*NMF	do	Sioux .....	*NSM	do
New Orleans .....	*NMG	do	Siren .....	*NSN	do
Newport .....	*NMH	do	Skate .....	*NSO	do
New York .....	*NMI	do	Skipjack .....	*NSP	do
Nina .....	*NMK	do	Smith .....	*NSQ	do
Nipsic .....	*NML	do	Snapper .....	*NSR	do
North Carolina .....	*NMN	do	Solace .....	*NST	do
North Dakota .....	*NMO	do	Somers .....	*NSU	do
Octopus .....	*NMV	do	Sotoyomo .....	*NSV	do
Ohio .....	*NMW	do	South Carolina .....	*NSW	do
Olympia .....	*NMX	do	South Dakota .....	*NSX	do
Oneida .....	*NMY	do	Southern .....	*NSY	do
Oregon .....	*NMZ	do	Standish .....	*NSZ	do
Osceola .....	*NOA	do	Sterling .....	*NTA	do
Ozark .....	*NOB	do	Sterrett .....	*NTB	do
Paducah .....	*NOG	do	Stewart .....	*NTC	do
Pampanga .....	*NOH	do	Stingray .....	*NTD	do
Panay .....	*NOI	do	Stiletto .....	*NTE	do
Panther .....	*NOJ	do	St. Louis .....	*NTF	do
Paragua .....	*NOK	do	Stockton .....	*NTG	do
Patapsco .....	*NOL	do	Stranger .....	*NTH	do
Patuxent .....	*NOM	do	Stringham .....	*NTI	do
Paulding .....	*NON	do	Sturgeon .....	*NTJ	do
Paul Jones .....	*NOP	do	Supply .....	*NTK	do
Pawnee .....	*NOO	do	Sylph .....	*NTL	do
Pawtucket .....	*NOR	do	Sylvia .....	*NTM	do
Penacook .....	*NOS	do	Tacoma .....	*NUA	do
Pennsylvania .....	*NOT	do	Talbot .....	*NUB	do
Pensacola .....	*NOU	do	Tallahassee .....	*NUC	do
Pentucket .....	*NOV	do	Tarahuala .....	*NUD	do
Peoria .....	*NOW	do	Tarpon .....	*NUE	do
Perkins .....	*NOX	do	Tecumseh .....	*NUF	do
Perry .....	*NOY	do	Tennessee .....	*NUG	do
Petrel .....	*NOZ	do	Terror .....	*NUH	do
Holland .....	*NQ	Graham & Morton Line	Terry .....	*NUI	do
		U. S. Navy	Texas .....	*NUI	do
Philadelphia .....	*NOA	do	Thornton .....	*NUK	do
Pickrel .....	*NOB	do	Thrasher .....	*NUL	do
Pike .....	*NOC	do	Tingy .....	*NUM	do
Piscataqua .....	*NOD	do	Tonopah .....	*NUN	do
Plunger .....	*NOE	do	Topeka .....	*NUO	do
Pompey .....	*NOF	do	Trafic .....	*NUP	do
Pontiac .....	*NOG	do	Triton .....	*NUO	do
Porpoise .....	*NOH	do	Truxtun .....	*NUR	do
Porter .....	*NOI	do	Tuna .....	*NUS	do
Portsmouth .....	*NIJ	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	Vjper .....	*NVO	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 .....	*NRC	do	Warrington .....	*NWD	do
Restless .....	*NRH	do	Washington .....	*NWE	do
Rhode Island .....	*NRI	do	Wasp .....	*NWF	do
Richmond .....	*NRI	do	West Virginia .....	*NWG	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 .....	*NWK	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 .....	*NWO	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	Parismina .....	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	do	Admiral Schley .....	UG	do
City of Chicago.....	PQ	Graham & Morton Line	Heredia .....	UH	United Fruit Co.
Mobilla .....	PU	Munson Line	Lurline .....	U2	Matson Navigation Co.
Providence .....	PV	New England Navigation Co.	Apache .....	VA	Clyde S. S. Co.
Enterprise .....	P1	Matson Navigation Co.	Arapahoe .....	VB	do
Hilsonian .....	P2	do	Comanche .....	VC	do
Portland .....	P3	Alaska Coast Co.	Ville de Douvres ..	VD	Belgium Government
Col. E. L. Drake.....	P5	Standard Oil Co.	Vanadis .....	VDS	C. K. G. Billings
Barge No. 3 .....	P6	do	Iroquois .....	VF	Clyde S. S. Co.
Buckman .....	P7	Alaska Pacific S. S. Co.	Algonquin .....	VG	do
Watson .....	P8	do	Huron .....	VH	do
Bertha .....	P9	Alaska Coast Co.	Seminole .....	VJ	do
City of Taunton.....	Q	New England Navigation Co.	Cherokee .....	VK	do
Larimer .....	QA	J. M. Guffey Petroleum Co.	Mohawk .....	VM	do
Oklahoma .....	OB	do	President .....	V2	Pacific Coast S. S. Co.
Shenango .....	OC	do	Morro Castle .....	WC	Ward Line
I. M. Guffey .....	OF	do	City of Lowell .....	WE	New England Navigation Co.
Ligonier .....	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
Androscooggin .....	*RCD	do	Vigilancia .....	WV	Ward Line
Seneca .....	*RCE	do	Monterey .....	WY	do
Snohomish .....	*RCF	do	Sea Otter (motor yacht)	WV	Hugh I. Willoughby Ward Line
Gresham .....	*RCG	do	Mexico .....	WX	do
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 .....	XB	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	Mirdora .....	XM	do
Acushnet .....	*RCU	do	T. L. Lawrence .....	XN	do
Windom .....	*RCW	do	Quick Step .....	XO	do
La Rapide .....	RD	Belgium Government	Jos. Wharton .....	XW	do
Harvard .....	RH	Metropolitan Line	S. V. Luckenbach..	YA	Insular Line
Puritan .....	RN	New England Navigation Co.	Paraguay .....	VA	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	Ivo Maru .....	YIV	Toyo Kisen Kaisha
Clyde .....	RNK	do	Kaea Maru .....	YKG	do
Orinoco .....	RNO	do	Shinano Maru .....	YSN	do
Trent .....	RNR	do	Tango Maru .....	YTC	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

## U. 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
Andrew Anderson, Leona, Kans. ....	AAL	65	1 ins.
Alfred O. Bragg, Foxcroft, Me. ....	AB	200	3 "
Victor Schlender, Springfield, Minn. ....	ABM	60	½ "
A. G. Biehler, Jersey City, N. J. ....	AB8	—	3 "
Isaiah Creaser, Jr., Providence, R. I. ....	ABC	264	½ K. W.
Ernest A. Byington, Jr., Ossining, N. Y. ....	ABD	—	1 ins.
A. Bockman, Weehawken, N. J. ....	ABM	140	1 "
— Alfred & Bruno Schaefer, Milwaukee, Wis. ....	ABS	200	½ K. W.
*Arton C. Frey, New York City ....	ACF	55	—
A. C. Fish, Worcester, Mass. ....	ACL	—	1 ins.
Andrew M. Coyle, New York City ....	ACM	200	2 "
Oliver De Celle, Chicago, Ill. ....	AD	95	2 "
*Albert Deinper Middle Village, L. I. ....	ADM	—	—
Chas. A. Hibbard, Chicago, Ill. ....	AE	112	6 "
A. E. Garnsey, White Plains, N. Y. ....	AEG	120	2 "
Arthur E. Smith, New York City ....	AEP	—	1 "
Alfred E. J. Sticht, Brooklyn, N. Y. ....	AES	120	½ K. W.
*A. C. & W. E. Duringer, Buffalo, N. Y. ....	AEWEC	—	—
*A. T. Loomis, Lynn, Mass. ....	AF	240	—
A. M. Garron, New York City ....	AG	160	2 ins.
A. Heywood Hovey, Springfield, Mass. ....	AHH	530	2 "
*A. Holfeld, Philadelphia, Pa. ....	AH2	—	—
Alva Hjorth, Bellingham, Wash. ....	AH7	80	1 "
Alfred J. Hanks, Jersey City, N. J. ....	AJH	Var.	½ K. W.
Allyn L. Bernard, Serena, Ill. ....	ALB	48	1 ins.
Adolph Rossiter, Pittsburg, Pa. ....	ALR	48	1 "
Alan Mac Donough, New York City ....	AMD	140	2 "
*Arthur M. Greenwell, Santa Barbara, Cal. ....	AMG	—	—
A. Kronberger, San Rafael, Cal. ....	AMK	164	1 K. W.
*Albert T. McManus, Danvers, Mass. ....	AMM	55	—
*Alton Mayers, Salt Lake City, Utah ....	AM9	—	—
*Geo. A. Bemis, Spencer, Mass. ....	ANX	92	—
— Alfred O. Schaefer, Milwaukee, Wisc. ....	AOS	124	—
*Andrew P. Williams, Mobile, Ala. ....	APW	—	—
Allen P. Richmond, Dover, N. H. ....	APR	40	1½ ins.
*A. R. Benedict, Leptondale, N. Y. ....	ARB	75	—
A. G. Raycraft, Manhattan, Nev. ....	ARM	260	12 "
Arthur R. Ringold, Grand Rapids, Mich. ....	ARR	—	1 "
O. R. Valli Brooklyn, N. Y. ....	AR5	220	1 "
Albert Street, East Haven, Conn. ....	AST	75	2 "
— A. F. Toepfer, Milwaukee, Wis. ....	AT9	95	1 "
A. C. Austin, Jr., Hasbrouck Heights, N. J. ....	AU	200	2 "
Constantine C. Roeder, New York City ....	AV5	235	2 "
J. Oliver Ashton, Yonkers, N. Y. ....	AYM	330	1 "
A. Inderbitzen, New York City ....	A1	200	2 "
Julius Brandenburg, Brooklyn, N. Y. ....	BA	600	½ K. W.
Burton A. Weil, Plymouth, Pa. ....	BAW	130	½ "
Bamberger Bros., New York City ....	BB	90	½ "
Edward & Harold Berglund, Brooklyn, N. Y. ....	BBB	245	½ ins.
Wm. Brodenck, Brooklyn, N. Y. ....	BBW	1200	2½ "
Benj. Du Mez, Holland, Mich. ....	BDM	164	½ K. W.
B. E. Bassett, New Britian, Conn. ....	BEB	100	1 ins.
*C. L. Jordan, Somerville, Mass. ....	BJA	200	—
Carl L. Hartshorn, Bay State W. Teleg. Co. ....	BJM	300	½ K. W.
Branson M. De Cou, Blairstown, N. J. ....	BMD	180	6 ins.
Fred C. Weiler, Nome, Alaska ....	BOT	140	1 K. W.
Emile Portal, San Jose, Cal. ....	BO9	300	1 ins.
Frank Merritt, Red Bank, N. J. ....	BRM	100	½ K. W.
Harry R. Cheatham, Somerville, Mass. ....	BSA	400	1 "
Verner F. Grant, Somerville, Mass. ....	BVG	500	2 ins.

Name and address of owner	Call letter	Approximate wave length in meters	Spark
Ernest Waidler, Toledo, Ohio	BVM	250	2 ins
E. Bernstein, New York City	BW	600	1 "
Ferdinand Kuehn, New York City	BWB	240	1/2 "
Russell M. Nichols, Branford, Conn.	BWM	100	1/2 K. W.
R. E. Mertens, New York City	BXM	600	2 ins.
Geo. C. Cannon, Mt. Vernon, N. Y.	C	600	5 K. W.
Chester A. Corney, Boston, Mass.	CAY	175	1/2 ins.
A. E. Windle, Brockton, Mass.	CB	—	1/2 K. W.
Chas. Breetz, Hudson, N. Y.	CBA	30	1/2 ins.
Clarence B. De La Hunt, Vicksburg, Miss.	CBD	292	1 ins.
R. Poling, Keyport, N. J.	CBM	64	1 "
Chas. C. Foote, Jr., Cleveland, O.	CCF	200	2 "
C. C. Keller, Wakefield, N. Y.	CKK	50	1/2 "
Carl Chupp, E. Lithonia, Ga.	CCM	135	1/4 K. W.
Chester L. Emerson, Webster, Mass.	CE	320	6 ins.
Carl F. Schmidt, Lebanon, Pa.	CFS	124	1/2 "
Chas. Gallagher, Lowell, Mass.	CGM	80	1 ins.
Clarence G. Stone, Mt. Vernon, N. Y.	CGS	150	1 "
Herbert Bohle, Phila., Pa.	CHB	124	1/2 K. W.
John F. Meyer, New York City	CHM	400	1 1/2 ins.
Carl Hansen, Seattle, Wash.	CHN	105	1 "
Harold A. Buel, New York City	CH5	105	1/2 K. W.
Chas. Horn, Bronx, N. Y.	CH4	300	2 ins.
Lawrence Schmidt, Ironton, O.	CI	240	1/2 K. W.
Clifford Dondna, Dayton, O.	CJD	170	1/4 "
Reginald Johnson, Oakland, Cal.	CJM	440	1/2 "
Louis J. Leitenberger, Phila., Pa.	CJN	150	1/2 "
C. L. Williams, Jr., Hubbard Woods, Ill.	CLW	132	2 ins.
*Crocker Mann, Dover, Mass.	CMD	164	—
*C. M. David, New Orleans, La.	CME	—	—
Chas. M. Walker, Jr., Chicago, Ill.	CMW	152	1 "
Irving Kirby, St. Louis, Mo.	CNB	140	1/2 K. W.
Noble & Hardie, Phila., Pa.	CNH	—	2 ins.
Colby's Telegraph School, Auburn, N. Y.	CO	500	2 K. W.
C. O. Lorenz, Port Arthur, Texas	COL	Var.	2 "
A. Hayward Carr, Newport, R. I.	CPM	100	3/4 Ins.
Chas. Palladey, Port Richmond, S. I.	CP3	61	1 K. W.
Raymond E. Newby, San Jose, Cal.	COCQ	Var.	Var.
*C. R. Collins, Los Angeles, Cal.	CRM	—	—
*Fred Small, Baker City, Ore.	CT	—	—
*Tevis Trimble, San Jose, Cal.	CT9	125	—
*Chas. Vogt, Brooklyn, N. Y.	CVX	—	—
C. W. Connors, New York City	CWC	200	1 ins.
William K. McKittrick, St. Louis, Mo.	CWK	150	1/4 K. W.
Clayton Williams, Reed, Ky.	CW9	84	1 ins.
*C. B. Hermann, Chicago, Ill.	CX	—	—
Edward Freeman, New York City	CYM	300	1/2 K. W.
W. Fowler, Ottawa, Ont., Can.	DGM	172	2 ins.
Nelson E. Holt, Buffalo, N. Y.	DHN	400	1 "
Raymond Lewelling, St. Helena, Cal.	DL	400	1 K. W.
Ernest W. Plummer, Buffalo, N. Y.	DQN	400	1 ins.
G. De Young, Fresno, Cal.	DR	164	3 K. W.
J. T. Scott, Oxnard, Cal.	DRK	720	2 "
Thade Stevens, San Jose, Cal.	DSM	185	2 ins.
D. T. Sanders, Des Moines, Ia.	DTS	92	2 "
Geo. Phipps, Buffalo, N. Y.	DUN	540	1 1/2 "
E. Fairfield Coolidge, Waltham, Mass.	DWA	60	2 "
Horace Shaw, Buffalo, N. Y.	DWN	Var.	Var.
*Joseph Aylward, Waltham, Mass.	DX2	—	—
E. A. Danforth, Cochituate, Mass.	EAD	80	2 ins.
E. A. Robertson, New York City	EAR	—	15 "
*E. B. Bashor, Savannah, Mo.	EBB	—	—
E. B. Rice, Jersey City, N. J.	EBR	132	" "
E. C. Manborgne, Corona, L. I.	ECM	260	1 "
*Earl D. Grimm, Nutley, N. J.	EDM	200	— *

Name and address of owner	Call letter	Approximate wave length in meters	Spark
Eugene Davis, Altoona, Pa. ....	ED8	152	1 ins.
Wm. A. Eckart, San Francisco, Cal. ....	EEM	100	1 1/2 K. W.
*E. R. Wessbecher, St. Louis, Mo. ....	EEW	100	— " "
E. G. Fulton, Toledo, O. ....	EGF	—	1/4 " "
E. H. Bonker, Flatbush, N. Y. ....	EHB	—	2 1/2 ins.
Edwin Manwell, Brooklyn, N. Y. ....	EHM	60	2 1/2 " "
Ernest J. Patthey, Bay Shore, L. I. ....	EJP	—	2 " "
Oscar T. Schroeler, Jersey City Hgts., N. J. ....	EJS	112	1/2 K. W.
Edwin Hasenbalg, Jersey City, N. J. ....	EJSH	30	1 ins.
Edgar Kiska, N. Tonawanda, N. Y. ....	EKT	—	2 " "
Edwin Kelley, San Jose, Cal. ....	EK8	60	1/2 " "
Earl L. Bray, E. Greenwich, R. I. ....	ELB	120	1 " "
E. Leonard King, Herington, Kan. ....	ELK	—	1 1/2 " "
Edward Lipson, E. Saugus, Mass. ....	ELM	—	4 " "
Elmer Legge, Brockton, Mass. ....	ELP	180	1/2 K. W.
E. L. Sache, Winchester, Mass. ....	ELS	184	1/4 " "
E. L. Showers, Los Angeles, Cal. ....	ELS	270	2 ins.
L. E. Wahl, E. Brady, Pa. ....	ELW	150	1/2 K. W.
Luther E. Leggett, Chicago, Ill. ....	EL4	130	1 ins.
Ervin R. McLaughlin, Balto., Md. ....	EMN	92	3/4 " "
Geo. Jorgensen, New York City ....	ENF	200	2 " "
Wm. Fraser, El Paso, Tex. ....	EPDN	64	1/2 K. W.
E. P. Goodwin, New York City ....	EPG	80	3 ins.
Edward Palmer, Laurium, Mich. ....	EP9	Var.	1/2 K. W.
Martin Boisen, Jr., Sandusky, O. ....	ERC	100	1 ins.
Eric S. Bradley, E. Haven, Conn. ....	ESB	164	1/2 " "
E. S. McKittrick, St. Louis, Mo. ....	ESM	284	2 K. W.
Edward W. Schleicher, Phila., Pa. ....	ES3	—	3/4 ins.
Leonard Gordan, Columbus, O. ....	ETM	104	1 " "
Milton Berel, Bronx, N. Y. ....	EYE	164	1 " "
*Frank H. Fay, Brooklyn, N. Y. ....	FAY	200	— " "
*Everett Buckman, Rock, Mass. ....	FBN	320	— " "
Fred A. Calkin, Somerville, Mass. ....	FCM	84	1 " "
Fred Frericks, Brooklyn, N. Y. ....	FF	235	2 " "
Fred H. Carl, San Francisco, Cal. ....	FHC	130	3 " "
F. Hoerning, New York City ....	FHL	400	2 1/2 " "
*Fritz Henry Connersville, Ind. ....	FHM	—	— " "
Thorwald E. H. Tenney, Branford, Conn. ....	FHN	325	1/2 K. W.
Frank M. Koch, San Francisco, Cal. ....	FK	160	1/2 " "
Fred Kitchens, El Paso, Tex. ....	FKM	628	1 1/2 ins.
*Francis J. Leonard, Bellingham, Wash. ....	FL	49	— " "
*Fred L. O'Connor, Dorchester, Mass. ....	FL0	—	— " "
F. Smith & L. Vanderstreet, Brocton, Mass. ....	FLS	125	1 K. W.
*Otto F. Lyons, Memphis, Tenn. ....	FL2	—	— " "
Fred L. Murray, Cambridge, Mass. ....	FM	500	1 " "
Fred J. McKinney, Bloomfield, N. J. ....	FMB	240	1/2 ins.
F. W. Abendschein, Rutherford, N. J. ....	FMM	200	2 1/2 " "
Frank Martindale, Waterbury, Conn. ....	FMN	125	1 " "
*Fred W. Moeckel, Phila., Pa. ....	FMW	104	1/2 " "
Herrold & Glass, San Jose, Cal. ....	FMFN	Var.	Var. " "
Jack Terrass, Los Angeles, Cal. ....	FPS	150	1 K. W.
Fred. Charles, Big Spring, Md. ....	FOS	75	1 ins.
J. F. Friend, New Orleans, La. ....	FR	—	1/2 K. W.
F. Sayford, Bacon, Newton, Mass. ....	FSB	200	1 ins.
*Fred S. Walker, Hyannis, Mass. ....	FSW	92	— " "
Frederick Terry, Alameda, Cal. ....	FTF	—	1 " "
*Frank Uphoff, Jr., Phila., Pa. ....	FUN	56	— " "
Fritz Vigelius, Elizabeth, N. J. ....	FVM	224	2 " "
*Fred W. Fox, Brooklyn, N. Y. ....	FWF	—	— " "
C. F. Williams, Mansfield, O. ....	FWM	110	2 " "
Earle Heermance, Hudson, N. Y. ....	FXX	132	1 1/4 " "
Theodore Carter, Jamaica Plains, Mass. ....	GA	600	2 K. W.
Guy Clark, Pawnee City, Nebr. ....	GCC	160	1/2 ins.
*G. C. Carpenter, New York City ....	GCM	300	— " "
*G. C. Wilson, Spears, Ky. ....	GCW	—	— " "
G. E. Burkard, New York City ....	GEB	—	1/2 K. W.
G. E. Bandard, Sacramento, Cal. ....	GEM	250	1 " "
*Geo. Griswold, Jr., Tuxedo Park, N. Y. ....	GGG	—	— " "
Geo. Gefken, San Francisco, Cal. ....	GG8	240	1 ins.
Geo. E. Howard Higham, Centre, Mass. ....	GH	80	1 " "
*Geo. H. Johnson, Ludlow, Ill. ....	GHJ	100	— " "
*Geo. D. Henderson, Chicago, Ill. ....	GHM	375	— " "
C. A. Stone, New Haven, Conn. ....	GKS	35	1 " "
Geo. Mortenson, Seattle, Wash. ....	GMN	—	1 " "
Dr. Gustave R. Stein, New York City ....	GRS	480	2 1/2 " "
Geo. R. Urbach, Rushville, Ind. ....	GRU	208	2 " "
*Jos. G. Remick, Winchester, Mass. ....	GR2	—	— " "
*Geo. Tiffany, Rosebank, P. O., S. I. ....	GT5	—	— " "
*Chas. Grifis, Los Angeles, Cal. ....	GWG	250	— " "
A. S. Hect, New York City ....	GWM	146	1 " "
H. T. Hardinge, New York City ....	GX	135	1/4 K. W.
Earle Godfrey, Atlantic City, N. J. ....	GXM	100	2 ins.
Otto H. Stecker, Grand Ledge, Mich. ....	GXS	600	2 K. W.
Harold R. Parker, Jersey City, N. J. ....	G7	240	2 ins.
Hamilton & Gibbon, Millville, N. J. ....	HAG	600	1 K. W.
Henry A. Olson, Oakland, Cal. ....	HAO	135	1 ins.

Name and address of owner	Call letter	Approximate wave length in meters	Spark
*Harry A. Roberts, Portland, Me. ....	HAR	100	1 ins.
E. N. Hammond, Rochester, N. Y. ....	HA2	—	—
Hugo G. Heyn, Omaha, Nebr. ....	HA4	176	1/2 K. W.
H. Clay Lynn, Redfield, Kan. ....	HCL	400	2 ins.
Harold D. Shaw, Roslindale, Mass. ....	HD4	200	2 " "
Phillip W. Burges, Petersham, Mass. ....	HEM	580	1 1/2 " "
Harry G. Anderson Waterbury, Conn. ....	HGA	150	1/2 K. W.
Harry G. Baker, Los Angeles, Cal. ....	HGB	344	3 " "
Harry Goldstein, Brooklyn, N. Y. ....	HGN	76	2 ins.
Hugh Gibbs, Jr., New Haven, Conn. ....	HG9	160	1 1/4 " "
Harold B. Winchell, Northampton, Mass. ....	HHH	175	1 " "
Harrison P. Hood, Houghton, Mich. ....	HHM	100	1 " "
*Harris Kruin, New York City ....	HIK	200	—
Harris J. Krim, New York City ....	HJK	300	1/2 " "
Herbert Kuehne, Jersey City, N. J. ....	HK	120	2 1/2 " "
H. Dubinsky, New Haven, Conn. ....	HLD	333	1 " "
Harrison M. Lang, W. Orange, N. J. ....	HLM	300	2 " "
*L. F. Hammond, Jamaica, L. I. ....	HM	320	—
H. M. Kleinhaus, San Jose, Cal. ....	HMK	135	3/4 " "
Herbert Mees, Butte, Mont. ....	HMX	180	1/2 K. W.
Gifford N. Hartwell, Fitchburg, Mass. ....	HNG	160	1 1/2 " "
John J. Croston, New York City ....	HNM	100	2 " "
*L. F. Smith, Brooklyn, N. Y. ....	HRM	74	—
*H. F. Stanton, Odessa, Fla. ....	HSN	130	—
Harold W. Taylor, Waltham, Mass. ....	HTM	84	1 ins.
Lester Bentley, E. San Pedro, Cal. ....	HU	100	1/4 K. W.
H. C. Hutteballe, Boise, Idaho ....	HU3	200	1 ins.
*H. H. Wheeler, Santa Barbara, Cal. ....	HWM	140	—
J. Hadley Hatch, Evanston, Ill. ....	HXM	800	1/4 K. W.
Harry Atkinson, Phila., Pa. ....	H3A	65	1 1/2 ins.
Everett M. Roeder, New York City ....	H8	155	2 " "
J. A. McKinley, Tremont, N. Y. ....	JAM	280	2 " "
J. F. Arnold, New York City ....	JAS	—	1/2 K. W.
C. J. Burling, Rochester, N. Y. ....	JBC	—	1 ins.
John W. Brennessel, B'klyn, N. Y. ....	JB9	192	6 " "
Junius Cason, Augusta, Ga. ....	JCA	344	1 1/4 " "
John Christianson, Chicago, Ill. ....	JCC	45	2 " "
John C. Ellermann, Newark, N. J. ....	JCE	132	1 " "
John C. Epp, Winnipig, Can. ....	JCF	69	1 " "
Isaac C. Gifford, Hudson, N. Y. ....	JCG	80	1/2 " "
*John L. Copps, Rutland, Vt. ....	JCM	163	—
*J. C. Sewall, New York City ....	JCS	—	—
Jos. C. Wolongevicz, Naditooke, Pa. ....	JCW	224	1/2 K. W.
J. S. Curry, New York City ....	JC9	80	1 1/2 ins.
J. Donald Sparks, Rushville, Ind. ....	JDS	100	1 1/2 " "
J. F. McMahon, Jr., So. Norwalk, Conn. ....	JF	150	2 " "
J. F. Rivers, Birmingham, Ala. ....	JFR	80	1 " "
Jos. F. Tuk, Central Park, L. I. ....	JFZ	150	1/2 K. W.
J. G. Goodsell, Tropic, Cal. ....	JG	85	1 1/2 ins.
J. G. McCollon, Salt Lake City, Utah. ....	JGM	90	2 " "
*J. Harold Clark, Denver, Colo. ....	JHA	—	—
John H. Brown, Branford, Conn. ....	JHB	260	1/2 K. W.
*Joslee Hanhauser, Phila., Pa. ....	JHM	66	—
*Joseph Keller, Richmond Hill, L. I. ....	JHM	172	—
J. Howard Watson, Chicago, Ill. ....	JHW	120	2 ins.
John Hair, La Vergne, Ill. ....	JH7	1000	2 K. W.
James H. Doran, Bismark, N. Dak. ....	JH9	65	2 1/2 ins.
John Love, Curly, Neb. ....	JKF	300	6 " "
J. L. Douglas, E. Orange, N. J. ....	ILD	210	1 " "
J. F. Nelson, New York City ....	JLN	104	2 " "
L. Rosenbaum, New York City ....	JLR	400	1/2 K. W.
J. Michener, Dobbs Ferry, N. Y. ....	JMD	—	2 ins.
J. M. McEwen, Woodside, L. I. ....	JMD	400	1 " "
*Jos. M. Hoffman, New York City ....	JMH	375	—
James McNair, Lakewood, N. J. ....	JMX	120	1 K. W.
James McDonald, Malden, Mass. ....	JM9	1200	3 ins.
*James Nally, Cleveland, O. ....	JN4	—	—
J. P. Cangros, Oakville, Cal. ....	JPC	240	1/2 K. W.
Austin C. Lescarboua, New York City ....	JR	380	1/4 " "
John R. Byers, Newtonville, Mass. ....	JRB	264	2 ins.
*John C. Rector, Marshall, Ill. ....	JRM	—	—
J. W. Renolds, Hagerstown, Md. ....	JRW	180	1 ins.
John Rowland, Jersey City, N. J. ....	JR2	280	1/2 K. W.
*Jos. Rachor, Balto., Md. ....	JR3	—	—
Joe Scalco, Birmingham, Ala. ....	JSB	90	1 1/2 ins.
J. Schramm, Brooklyn, N. Y. ....	JSM	220	2 " "
James Scott, Lowell, Mass. ....	JS7	140	1 " "
James S. Waters, Jr., Galveston, Tex. ....	JV4	—	1 1/2 " "
*Jos. W. Franklin, Butler, N. J. ....	JWF	204	—
*K. Fenderson, Daviq City, Neb. ....	KFD	88	—
Kenneth G. Collins, Springfield, Mass. ....	KGC	1107	1 1/2 " "
Karr Parker, Carthage, Ill. ....	KKM	136	1/4 K. W.
Wm. L. Kaiser, New Haven, Conn. ....	kL	220	1 1/2 ins.
Geo. A. Rauch, Little Rock, Ark. ....	KLM	800	3 " "
Kendrick Noble, Yonkers, N. Y. ....	KNY	85	1/2 " "
H. J. Gillman, Brooklyn, N. Y. ....	KO	200	1/2 K. W.

Name and address of owner	Call letter	Approximate wave length in meters	Spark
Karl Schlitz, B'klyn., N. Y.	KSM	60	2 ins.
Wm. Reidt, Portland, Ore.	KW	1000	3½ K. W.
Luther A. Leach, Jr., Bar Harbor, Me.	LAL	300	¼ "
R. M. Lamb, Kenosha, Wis.	LB	Var.	1 "
L. Brown, Schenectady, N. Y.	LBN	64	½ "
Lyle De Veaux, St. Louis, Mo.	LCD	400	2 ins.
*Louis C. Gildersleeve, Nattituck, L. I.	LCG	—	—
L. Brunel, San Francisco, Cal.	LCB	120	½ K. W.
L. J. Steavenson, B'klyn., N. Y.	LCM	60	1¼ ins.
*Lewis C. Mumford, New York City	LCS	—	—
Jas. D. McAllister, Monongahela, Pa.	LDM	400	3 "
Leon D. Seely, Providence, R. I.	LPS	—	1 "
L. E. Springer, Auburn, N. Y.	LES	240	5 "
Jos. Tate, Ridgeway, Ill.	LF	110	2 "
W. L. Graves, So. Orange, N. J.	LJG	235	1 K. W.
Louis J. Grossman, Phila., Pa.	LJG	300	2 ins.
L. K. Darbaker, Pittsburg, Pa.	LKD	Var.	1 K. W.
Louis Bunaso, San Francisco, Cal.	LKM	100	¼ K. W.
Leslie L. Cate, Fitchburg, Mass.	LLM	250	¾ ins.
*Lowell M. Alexander, Sparta, Ill.	LMA	100	—
F. H. Johnston, Ft. Wayne, Ind.	LMM	146	1 "
Geo. Schmitt, Rutland, Vt.	LON	250	¼ K. W.
*L. P. Marvin, Maple Park, Ill.	LPL	80	—
Wm. V. McClure, B'klyn., N. Y.	LPM	184	2 ins.
L. Co. R. Clark, Rochester, N. H.	LRC	175	½ K. W.
Louis Rosenberg, Chicago, Ill.	LRM	200	1 ins.
*Le Roy Young, Woodland, Cal.	LRY	—	—
Lewis Shulman, New York City	LSL	640	1 K. W.
Percy H. Lattimer, Medford, Mass.	LSM	40	2 ins.
W. F. Mangan, Lawrenceville, N. J.	LSM	400	1 K. W.
L. M. Virtue, Seattle, Wash.	LVM	25	½ ins.
H. L. Winans, Petaluma, Cal.	LWM	75	1 "
*Leonard Y. Painter, La Grange, Mo.	LYP	—	—
Donald Oliphant, New York City	L6M	160	¼ K. W.
A. B. Cole, Montclair, N. J.	MAC	120	4 ins.
F. L. Marshall, Detroit, Mich.	MAR	244	3 K. W.
M. M. Bonham, Covina, Cal.	MB	600	¼ "
E. M. Birchard, Wakefield, N. Y.	MBN	320	2 ins.
E. F. Waits, Corinth, Miss.	MBF	300	4 K. W.
M. D. Getchell, W. Medford, Mass.	MDG	132	1½ ins.
Messer Davis, Washington, D. C.	MDM	80	¼ "
E. Tellefson, Milwaukee, Wis.	MDN	—	—
Ernest Amy, New York City	MEA	92	3 "
Chas. Maryott, Yonkers, N. Y.	MEM	132	¼ K. W.
*Martin E. Salini, San Francisco, Cal.	MEO	—	—
M. F. Leweck, New York City	MFL	Var.	2 ins.
M. E. Floves, Berkely, Cal.	MEF	200	3 "
Fred W. Vickers, Martins Ferry, O.	MFO	—	½ K. W.
Herbert Hellet, B'klyn., N. Y.	MHA	132	1 ins.
W. H. Leitch, W. Orange, N. J.	MHL	44	1 ins.
*Milo Garside, Valparaiso, Ind.	MI	—	—
Theo. Hollman, B'klyn., N. Y.	MTH	200	½ "
Monroe Jacobs, New York City	MJ	59	½ K. W.
M. L. Homann, Omaha, Nebr.	MLH	83	½ "
M. N. W. Clark, Hyde Park, Mass.	MLN	55	1/16 ins.
A. P. Morgan, Upper Montclair, N. J.	MMU	350	3 K. W.
Arthur G. Carlson, No. Easton, Mass.	MO	180	2 ins.
*Marvin W. Thompson, Chicago, Ill.	MON	124	—
Richard Gaschutz, B'klyn., N. Y.	MRD	110	3 "
*Morris Riser, Phila., Pa.	MRN	140	—
MacKenzie School, Dobbs Ferry, N. Y.	MS	200	¼ K. W.
Malcolm H. Smith, Gloucester, Mass.	MSM	170	¼ "
Waldo H. Brown, Salem, Mass.	MWB	—	1 ins.
Weyman Crocker, Fitchburg, Mass.	MWS	70	½ K. W.
Mervyn Sullivan, San Francisco, Cal.	MXM	110	1 ins.
Austin C. Noble, Yonkers, N. Y.	NA	80	1 "
Norman C. Hurd, Dover, N. H.	NH	360	1 "
*Nathan Hale, West Haven, Conn.	NHM	—	—
A. G. Raycraft, Tonapah, Nev.	NKM	260	12 "
Norman McKinney, Phila., Pa.	NMK	—	1 "
Neil H. Martin, Washington, D. C.	NMN	50	1 "
Walter Peter, Milwaukee, Wis.	NPM	Var.	Var.
Neat M. Tate, Vacaville, Cal.	N'T	480	1 K. W.
N. S. Walker, Castleton Corners, S. I., N. Y.	NW	60	2 ins.
Geo. A. Dunlap, Chicago, Ill.	OAA	93	1 "
Geo. A. Dunlap, Chicago, Ill.	OA2	109	3½ "
Olen C. Brown, Bar Harbor, Me.	ORB	250	¼ K. W.
R. B. Searle, New Britain, Conn.	OEB	100	1 ins.
Leland A. Gardner, Rutland, Vt.	OEN	665	½ K. W.
Henry Kalning & Olive Heartberg, New York City	OHK	73	2 ins.
*Otto J. Grupp, Carlstadt, N. J.	OJS	—	—
Dugald O'Neil, Auburn, N. Y.	ONN	464	½ "
Edward A. Haseltine, Haverhill, Mass.	OO	224	1 "
Lakewood Wireless Telegraph Co., Lakewood, Ohio	OSS	Var.	Var.

THIS STA. →

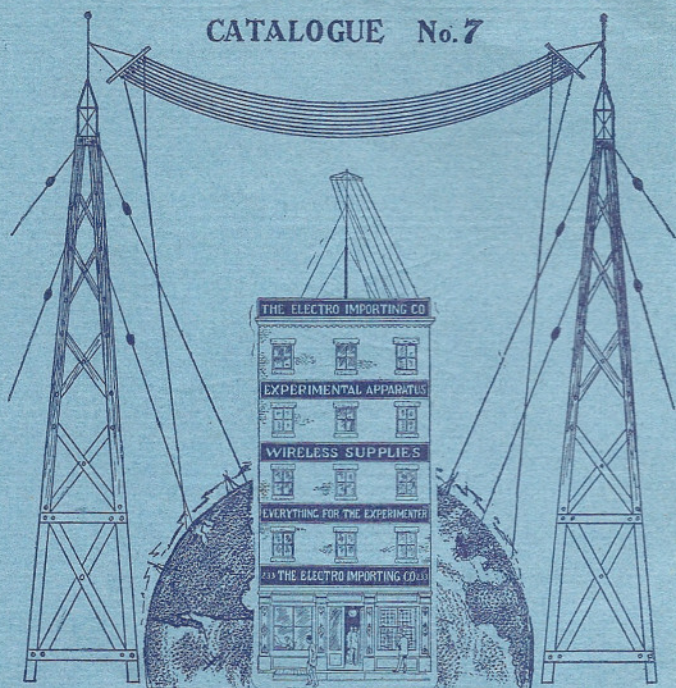


Name and address of owner	Call letter	Approximate wave length in meters	Spark
H. E. Frederick, Bridgeville, Pa. ....	OSO	Var.	¼ K. W.
Wallace T. Oakes, Auburn, Me. ....	OW	—	“
M. Cadenassa, San Francisco, Cal. ....	O2	200	¼ “
Ralph W. Foster, Reading, Mass. ....	PA9	200	1 ins.
P. B. Wilde, Woodshole, Mass. ....	PBW	175	1 “
*Paul Behm, Baltimore, Md. ....	PB2	—	—
*Willie A. Weedon, Jr., Boston, Mass. ....	PLS	—	—
Fred Pelham, Washington, D. C. ....	PMM	40	1 “
Phillip Lamberg, Michigan City, Ind. ....	PMI	110	½ K. W.
*Paul Parman, Arkansas City, Kans. ....	PPP	—	—
Percy Smith, Stamford, Conn. ....	PSN	400	1½ ins.
Albert B. Street, East Haven, Conn. ....	PWN	280	2 “
D. K. Caldwell, Hollywood, Cal. ....	P25	200	1 “
R. A. Egbert, Alpine, Texas ....	RA	50	½ “
Raymond A. Abend, E. Syracuse, N. Y. ....	RAA	147	½ K. W.
*Reginald A. Cooper, Brighton, Mass. ....	RAC	84	—
Vincent V. Ragland, Dodge City ....	RAN	50	½ “
R. A. Sherwood, Auburn, N. Y. ....	RAS	104	1½ “
C. R. Barker, Fredonia, N. Y. ....	RBN	320	1 ins.
Rolph Bros., Stamford, Conn. ....	RB4	180	2 “
R. H. Crain, Winchendon, Mass. ....	RCN	250	1 “
C. H. Pfeifer, Ridgewood, N. J. ....	RD	200	1 “
R. H. Depew, Jr., Plainfield, N. J. ....	RDJ	250	1 “
Ely Raymond, So. Norwalk, Conn. ....	RDM	525	2 “
Woodbury B. Purinton, B'klyn., N. Y. ....	RFH	150	2 “
Raymond Foss, Dover, N. H. ....	RFL	136	2½ “
Russel Frost, Jr., So. Norwalk, Conn. ....	RFM	525	2 “
State Normal School, Fredonia, N. Y. ....	RFN	640	½ K. W.
Rob't J. Goldman, New York City ....	RG	80	1½ ins.
R. G. Mason, B'klyn., N. Y. ....	RGM	164	½ “
Reidel G. Sprague, Haverhill, Mass. ....	RG S	200	2 “
*Roy Greene, Pittsburg, Pa. ....	RG4	—	—
E. E. Van Horn, Lambertville, N. J. ....	RHO	180	½ K. W.
Richmond Hill, Chicago, Ill. ....	RH4	61	2 ins.
Richard H. Hutchings, Ogdensburg, N. Y. ....	RHZ	130	1 “
Richard Johnston, San Francisco, Cal. ....	RJ	196	1 “
Roger Johnson, Fredonia, N. Y. ....	RJN	320	1 “
*Rob't J. Torrens, Phila., Pa. ....	RJT	—	—
Rob't L. Rockwell, Ontario, Ore. ....	RL	210	½ K. W.
Ralph Gray, St. Charles, Mo. ....	RLG	85	½ ins.
*R. J. McLaughlin, Rutherford, N. J. ....	RM	200	—
Russel May, B'klyn., New York ....	KMB	45	¼ ins.
Ray M. Perry, San Francisco, Cal. ....	RMP	—	2 K. W.
*Rudolph M. Rom, B'klyn., N. Y. ....	RMR	350	—
Rudolph Metz, B'klyn., N. Y. ....	RM8	132	1½ ins.
Fortuna Robert, Manchester, N. H. ....	RNH	200	1 “
Philo Rolph, Stamford, Conn. ....	ROZ	—	1 “
R. P. Druander, Stapleton, N. Y. ....	RPD	112	2 “
Percy M. Roy, San Francisco, Cal. ....	RPM	100	½ K. W.
Fred. Steinmetz, Baltimore, Md. ....	RPS	400	2 ins.
Roderick Penn, Logansport, Ind. ....	RP9	240	1 “
R. R. Rees, Erie, Pa. ....	RRR	180	½ “
R. Rasmussen, Elgin, Ill. ....	KRM	80	¼ K. W.
R. S. Johnson, Red Bank, N. J. ....	RS	300	½ “
*Rob't Dewire, Madisonville, O. ....	RSD	—	—
Herbert M. Sharp, Buffalo, N. Y. ....	RSN	Var.	Var.
Raymond H. Shaw, Rutland, Vt. ....	RS2	80	1 ins.
Ralph T. Morse, Indianapolis, Ind. ....	RTM	145	2 “
Rob't. Muns, Ridgewood, N. J. ....	RWM	180	½ K. W.
John Wilder, Fredonia, N. Y. ....	RWN	640	1 ins.
Walter Greim, Buffalo, N. Y. ....	RWN	640	2 “
*Wm. & Rob't. Dettmer, E. Port Chester, Conn. ....	RW2	65	—
*Roscoe Williams, Muskegon, Mich. ....	RW4	—	—
Stanley B. Chase, Groton, Mass. ....	SA	150	1½ ins.
C. W. Schwartz, Suffield, Conn. ....	SB	92	6 “
Edwin A. Schabbehar, Rockville Center, L. I. ....	SBS	75	½ K. W.
Capt. Howard De Mille, B'klyn., N. Y. ....	SC1	120	2 ins.
Rob't. S. Crockett, Henderson, Ky. ....	SEK	132	½ K. W.
Henry C. Thompson, Jr., St. Louis, Mo. ....	SEM	200	1 “
S. E. Milligan, Seattle, Wash. ....	SES	300	3½ ins.
Norman E. Soules, Norwich, Conn. ....	SEN	66	2 “
S. Kelly, New York City ....	SFK	304	2 “
Seward Scharff, Hasbrouck Heights, N. J. ....	SFM	65	2 “
Hugo Muench, Jr., St. Louis, Mo. ....	SHM	172	1 “
*Seth Johnson, Jersey City, N. J. ....	SJ7	—	—
S. J. Siddell, Danville, Ill. ....	SL4	150	½ K. W.
Chas. L. Richell, New York City ....	SN	425	1 “
Chas. H. Collins, Somers Pt., N. J. ....	SP	800	1 “
Carl Drathschmidt, Yonkers, N. Y. ....	SOE	96	½ “
Malcolm H. Smith, Gloucester, Mass. ....	SO	240	¼ “
Stanton R. Eustis, Somerville, Mass. ....	SRE	—	¾ ins.
*Stanley Russel, Somerville, Mass. ....	SRM	—	—
Sam'l. O. Richey, Los Angeles, Cal. ....	SR	—	1 K. W.
L. J. Champagne, Portland, Ore. ....	SSE	240	2½ “

Name and address of owner	Call letter	Approximate wave length in meters	Spark
Leim Schumacher Heron Lake, Minn.....	SSL	164	1 ins.
Sam'l. Shaw, Lawrence, L. I. ....	SSS	61	2 "
Harry Brandt, Govans, Md. ....	SS1	52	1 "
Rob't. Wilbur, Omaha, Nebr. ....	SSO	75	1/2 K. W.
*Stanley T. Ford, Delaviv, Wis. ....	STF	52	— "
Raymond Q. Dalton, Chicago, Ill. ....	STM	450	1/2 "
S. W. Case, Marcellus, N. Y. ....	SWC	335	2 "
Sam'l. Wein, New York City ....	SWM	100	1/4 "
Truman Bondinot, Los Angeles, Cal. ....	1B2	155	1/4 "
*Townsend D. Campbell, Jr., Phila., Pa. ....	TDC	56	— "
Stanley Manning, Irvington on Hudson, N. Y. ....	TDS	270	1 ins.
Thos. J. Delaney, New York City ....	TDM	150	1 "
*Tony Gallo, Elyria, O. ....	TGM	160	— "
Thomson Livingston, Englewood, N. J. ....	THM	504	1 K. W.
Thos. H. Austin, Jr., Atlanta, Ga. ....	TH5	Var.	Var.
T. Johns Rigby, Jr., Pasadena, Cal. ....	TJ	292	1 K. W.
Thos. J. Hoover, Carlinville, Ill. ....	TJH	60	2 ins.
Edward T. Jorgensen, San Francisco, Cal. ....	TJM	130	1 "
Thomas M. McGrath, New York City ....	TM2	104	6 "
Thellwell R. Coggeshall, Phila., Pa. ....	TRC	Var.	Var.
Geo. B. Post, New York City ....	TRM	250	1/4 K. W.
Geo. T. Strode, Los Angeles, Cal. ....	TSM	75	1 ins.
Dillium Wattis, Phila., Pa. ....	TUN	232	2 "
Thos. A. Goley, St. Paul, Minn. ....	T6G	60	1/2 K. W.
H. Seabrook Schauck, Keyport, N. J. ....	U2M	100	1/2 "
W. J. Whited, Jr., Yonkers, N. Y. ....	VC	130	1 1/2 ins.
J. M. Sattler, Nutley, N. J. ....	VD	100	1/2 K. W.
*V. Doran, Roseville, Cal. ....	VDM	210	— "
A. I. Deane, Van Buren, Ind. ....	VHM	92	1 ins.
Irving Vermilya, Mt. Vernon, N. Y. ....	VN	950	10 K. W.
*E. C. Vawter, Los Angeles, Cal. ....	V6M	—	— "
W. N. Crane, New York City ....	W	70	1 1/2 ins.
Walter A. Lang, Ft. Lee, N. J. ....	WAL	140	1 "
E. Weber, B'klyn, N. Y. ....	WAS	130	1 "
R. L. Wadhams, M. D., Wilkesbarre, Pa. ....	WB1	200	12 "
R. L. Wadhams, M. D., Haeneys Lake, Pa. ....	WB2	464	1/2 K. W.
J. Warren Baldwin, North Easton, Mass. ....	WB5	200	2 ins.
Geo. McBride, Bay City, Mich. ....	WC	Var.	2 K. W.
W. Clyde Etheredge, Walterboro, S. C. ....	WCE	64	1 ins.
*Walter D. Cooke, Salem, Mass. ....	WCM	100	— "
*J. S. Gerard, Lodi, Cal. ....	WD	130	— "
*Walter D. Cooke, Salem, Mass. ....	WD C	—	— "
W. Godfrey, W. Roxbury, Mass. ....	WDG	450	1/2 K. W.
W. Driver, New York City ....	WDL	600	2 ins.
Wm. H. Dodd, Baltimore, Md. ....	WDM	120	1 "
Walter Demmeke, B'klyn., N. Y. ....	WD4	112	1 "
Wm. Kuhn, Los Angeles, Cal. ....	WEK	270	2 ins.
W. E. Neveil, Frankford, Pa. ....	WEM	52	1 "
Wm. F. Ahrens, B'klyn., N. Y. ....	WFA	110	1/4 K. W.
Wm. F. Crosby, Nyack, N. Y. ....	WPF	200	1/2 "
*Kenneth M. Coggeshall, Webster Groves, Mo. ....	WG4	—	— "
Wm. H. Wagner, W. Reading, Pa. ....	WHG	300	1/2 "
Walter Haynes, Waterloo, Iowa ....	WHN	164	1 "
Wm. Genick, New York City ....	WIM	400	2 ins.
E. B. Wagner, Wilkesbarre, Pa. ....	WK1	464	1 "
Wm. L. Goff, Amherst, Mass. ....	WLG	200	1 K. W.
*E. J. McShane, Boston, Mass. ....	WM	100	— "
E. J. McShane, Boston, Mass. ....	WMM	100	2 "
Wendell & Prescott, Cohasset, Mass. ....	WPM	124	1/2 "
*W. Palmer Powers, Proctor, Vt. ....	WPP	—	— "
Rob't. Watmer, Butte, Mont. ....	WO	140	1/2 "
*Howard W. Eaton, Somerville, Mass. ....	WSC	66	— "
Walter Sutton, San Francisco, Cal. ....	WS4	200	2 ins.
Wilfred T. Fortier, Cohoes, N. Y. ....	WTF	30	1/4 "
*Wm. Trindell, Seattle, Wash. ....	WT3	—	— "
W. T. Miller, La Porte, Ind. ....	WT7	164	2 "
*Wm. W. Goodrich, Nutley, N. J. ....	WWG	144	— "
Louis Kuhn, Woodbridge, N. J. ....	WWS	73	1 "
Alan S. Kollock, Woodhaven, L. I. ....	WWW	184	1 "
Wm. F. Wood, North Bend, Ore. ....	W42	Var.	Var.
William S. Higbie, Cranford, N. J. ....	XZ	500	1/4 K. W.
J. W. Daniels, Ft. Jefferson, L. I. ....	YMO	Var.	Var.
Frederick W. Phillips, Jr., Ithaca, N. Y. ....	YM2	300	1 ins.
C. Popper, Bronx, New York City ....	YN	800	3 K. W.
*Thos. L. Wiese, Milwaukee, Wis. ....	YOM	—	— "
Wm. J. Creighton, Chicago, Ill. ....	YFM	300	2 "
C. R. Rummyon, Yonkers, N. Y. ....	YS	250	1/2 "
Arthur E. Ericsson, Manchester, Mass. ....	ZZ	88	1 ins.
Clarence L. Evans, Newark, N. J. ....	ZZM	100	1 "
*Irving Whitehouse, New York City ....	IPW	—	— "
E. N. Harris, Renton Wash. ....	3B	235	5 1/2 "
Ferdinand Veit, Jr., B'klyn., N. Y. ....	48	93	2 "

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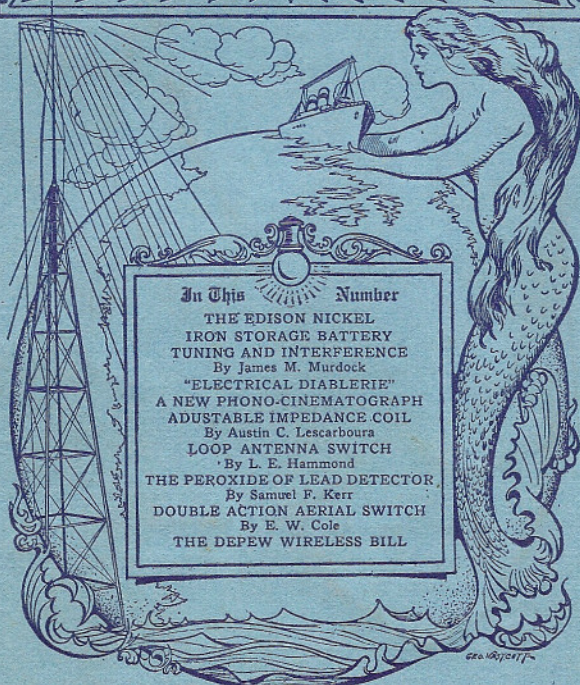
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Vol. III

No. 3

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