

RADIO SERVICE BULLETIN

ISSUED MONTHLY BY BUREAU OF NAVIGATION, DEPARTMENT OF COMMERCE

Washington, August, 1915—No. 8

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DEPARTMENT OF COMMERCE,
BUREAU OF NAVIGATION,
Washington, January 14, 1915.

To collectors of customs, radio inspectors, and others concerned:

This publication is issued monthly by the Bureau of Navigation, Department of Commerce, and distributed to the United States officers engaged in or concerned with the enforcement of the radio laws for their guidance and instruction, and to those concerned with the operation of Government and commercial radio stations for their information.

The Radio Service Bulletin supersedes the quarterly supplements to the list of Radio Stations of the United States and contains information concerning Government, commercial, and special stations only. Information regarding amateur stations appears only in the annual edition of the list of Radio Stations of the United States.

The bulletin contains tables of new stations, alterations, and corrections under headings, so that the list of Radio Stations of the United States and the list of Radiotelegraph Stations, published by the international bureau at Berne, may be brought up to date. Additions, alterations, and corrections should be entered in these two publications promptly on receipt of the bulletin.

Amendments to or changes in the Radio Laws and Regulations of the United States (edition of July 27, 1914) are printed in this bulletin in such a manner that they may be clipped and pasted in their proper places in that publication.

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

E. T. CHAMBERLAIN,
Commissioner of Navigation.

Approved:
E. F. SWEET,
Acting Secretary.

ABBREVIATIONS.

INTERNATIONAL ABBREVIATIONS USED IN THIS LIST.

Nature of service:

PG=General public.

PR=Limited public.

P=Private.

O=Government business exclusively.

Hours of operation:

N=Continuous service.

X=No regular hours.

m=a. m.

s=p. m.

12 m=Midday.

12 s=Midnight.

c.=Cents.

OTHER ABBREVIATIONS.

Name =Name of station.

G. loc. =Geographical location (O=west longitude, N=north latitude).

Call =Radio call letters.

System=Radio system used and sparks per second.

Range =Normal range in nautical miles.

W. L. =Wave lengths.

Service=Nature of service.

Hours =Hours of operation.

Rates =Ship or coast charges in cents. (The rates in the international list are stated in francs and centimes. For approximate purposes, 1 franc equals 20 cents and 5 centimes equal 1 cent.)

Notes =Refers to notes in the Berne list.

Co. =Company.

NOTICE.

It will be noted that the additions, alterations, and corrections contained in this bulletin apply to the List of Radio Stations of the United States, edition of July 1, 1914.

The additions, alterations, and corrections which will appear in the October issue of this bulletin will be supplementary to the List of Radio Stations of the United States, edition of July 1, 1915, which is now in the hands of the printer, although it is not possible at this time to anticipate its delivery. All additions, alterations, and corrections appearing in the October and later editions of this bulletin should be saved and inserted in the new annual list as soon as it is received.

A sufficient number of blank pages will be inserted in the back of the new list in order that the additions appearing in the bulletins may be clipped and pasted therein, enabling operators and others concerned to keep their annual list up to date with very little trouble.

NEW STATIONS.

LAND STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

[Additions to the List of Radio Stations of the United States, edition of July 1, 1914, and to the International List of Radiotelegraph Stations published by the Berne bureau.]

Station.	Longitude and latitude (approximate).	Call signal.	Range.	System.	Wave lengths.
Fort Adams, R. I. ^{1,2}		WUU	125	U. S. Army, 500.	1200
Jualin, Alaska ³		KJA		Marconi.....	
Portland, Oreg. (KDP) ^{4,5}	O 122 42 30 N 45 30 45	KDP	150	Composite, 450..	300, 550, 600
Portland, Oreg. (KGN) ^{5,6}	O 122 41 00 N 45 32 00	KGN	150	Composite, 400..	300, 600, 1700
Rialto, Cal. ^{5,7}	O 117 25 53 N 34 12 08	KJR	250	Massie, 200.....	300, 600, 1610
Tolovana, Alaska ⁸	O 149 30 00 N 65 00 00	KIZ	300	Telefunken, 1000	300, 600

¹ Radio station operated and controlled by the United States Signal Corps, War Department, Washington, D. C.

² Service, O; hours, 6m. 10s.

³ Radio station operated and controlled by the Marconi Wireless Telegraph Co. of America.

⁴ Radio station operated and controlled by Charles L. Austin. The station is limited to correspondence on ships' business with vessels entering and leaving the port of Portland.

⁵ Hours, X.

⁶ Radio station operated and controlled by the Northwestern Electric Co.

⁷ Radio station operated and controlled by the Southern California Edison Co. The station is limited to correspondence with stations of the Southern California Edison Co.

⁸ Radio station operated and controlled by the Alaska Wireless Telegraph Co.

SHIP STATIONS, ALPHABETICALLY BY NAMES OF VESSELS.

[Additions to the List of Radio Stations of the United States, edition of July 1, 1914, and to the International List of Radiotelegraph Stations published by the Berne bureau.]

Vessel.	Call signal.	System.	Wave lengths.	Service.	Hours.
Atlanta ¹	KGR	Marconi.....	300, 600		
Cacique ²	WBE		300, 600		
Captain T. M. Morrison ³	WYZ	U. S. Army, 500.	1200	O	X
General Geo. H. Weeks ³	WZT	do.....	1200	O	X
General G. W. Getty ³	WYS	do.....	1200	O	X
General J. M. Brannan ³	WZV	do.....	1200	O	X
General Nathaniel Greene ³	WZR	do.....	1200	O	X
General Richard Arnold ³	WYY	do.....	1200	O	X
General R. N. Batchelder ³	WZW	do.....	1200	O	X
General Timothy Pickering ³	WZQ	do.....	1200	O	X
Henry Wilson ³	WZS	do.....	1200	O	X
Major Albert G. Forse ³	WYQ	do.....	1200	O	X
Ossipee ^{4,5}	NRJ	U. S. C. G., 1000.	300, 600, 750, 1000	PG	N
Roosevelt ^{5,7}	NLR	Composite, 400..	300, 600	O	X
Sprigg Carroll ⁸	WZU	U. S. Army, 500.	1200	O	X
Tallapoosa ^{4,5}	NRV	U. S. C. G., 1000.	300, 600, 750, 1000	PG	N

^{*} Radio station operated and controlled by the United States Signal Corps, War Department, Washington, D. C. Army tug.

¹ Radio station operated and controlled by the Cuba Improvement & Steamship Co., owner of vessel.

² W. B. Grace & Co., owner of vessel.

³ Range, 30.

⁴ Radio station operated and controlled by the United States Coast Guard, Treasury Department, Washington, D. C.

⁵ Range, 300; rates, 4 cents per word, 40 cents minimum per radiogram.

⁶ Radio station operated and controlled by the United States Department of Commerce, Bureau of Fisheries, Washington, D. C.

⁷ Range, 300.

LAND AND SHIP STATIONS, ALPHABETICALLY BY CALL SIGNALS.

[b = ship station; c = land station.]

Call signal.	Station.	Call signal.	Station.
KDP	Portland, Oreg.....c	WYQ	Major Albert G. Forse.....b
KGN	Portland, Oreg.....c	WYS	General G. W. Getty.....b
KGR	Atlanta.....b	WYY	General Richard Arnold.....b
KIZ	Tolovana, Alaska.....c	WYZ	Captain T. M. Morrison.....b
KJA	Jualin, Alaska.....c	WZQ	General Timothy Pickering.....b
KJR	Rialto, Cal.....c	WZR	General Nathanael Greene.....b
NLR	Roosevelt.....b	WZS	Henry Wilson.....b
NRJ	Ossipee.....b	WZT	General Geo. H. Weeks.....b
NRV	Tallapoosa.....b	WZU	Sprigg Carroll.....b
WBE	Cedique.....b	WZV	General J. M. Brannan.....b
WUU	Fort Adams, R. I.....c	WZW	General R. N. Batchelder.....b

SPECIAL LAND STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

[Additions to the List of Radio Stations of the United States, edition of July 1, 1914, only.]

Station.	Call signal.	Wave lengths.	Service.	Hours.	Station controlled by—
Athens, Ohio.....	8YP	300, 425.....	P	X	Ohio University.
Bremerton, Wash.....	7XL	300, 600, variable.....	P	X	T. M. Libby.
Rapid City, S. Dak.....	9XA	Variable.....	P	X	Claude C. Van Nuyx (South Dakota School of Mines).

SPECIAL LAND STATIONS, GROUPED BY DISTRICTS.

Call signal.	District and station.	Call signal.	District and station.
7XL	Seventh district: Bremerton, Wash.	9XA	Ninth district: Rapid City, S. Dak.
8YP	Eighth district: Athens, Ohio.		

ALTERATIONS AND CORRECTIONS.

LAND STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

[Alterations and corrections to be made to the List of Radio Stations of the United States, edition of July 1, 1914, and to the International List of Radiotelegraph Stations published by the Berne bureau.]

DENVER, COLO.—Hours, 9m-11.30m, 7.30s-11s.

GALVESTON, TEX.—W. L., 300, 500, 600; hours, 7m-12m, 1s-2m.

IDITAROD, ALASKA.—G. loc., (approximate) 0 158° 00' 00'', N 62° 40' 00''; hours, 9m-7s.

NEWTON, MASS.—System, Clapp-Eastham, 2500. Notes, Radio station operated and controlled by Ralph C. Emery. The station is limited to private correspondence with vessels for which John S. Emery & Co. (Inc.), are agents.

SHIP STATIONS, ALPHABETICALLY BY NAMES OF VESSELS.

[Alterations and corrections to be made to the List of Radio Stations of the United States, edition of July 1, 1914, and to the International List of Radiotelegraph Stations published by the Berne bureau.]

ALABAMA (WFB).—Hours, X.

ALBERTA.—Range, 200; system, Marconi, 1000; W. L., 300, 600; 1800; service, PG; hours, X; rates, North and South American service, 4 c. per word, 40 c. minimum per radiogram; transoceanic service, 8 c. per word, 80 c. minimum per radiogram. Notes, Radio station operated and controlled by the Marconi Wireless Telegraph Co. of America. Fred Gilbert Bourne, owner of vessel (yacht).

- ATLANTIC.**—Notes, Radio station operated and controlled by the Marconi Wireless Telegraph Co. of America. New York Intercean & Coastwise Steamship Co., owner of vessel.
- ATLANTIC CITY.**—Strike out all particulars.
- CAROLINA (WFE).**—Hours, X.
- CITY OF ALPENA II.**—Strike out system. Note, Detroit & Cleveland Navigation Co., owner of vessel.
- CITY OF BENTON HARBOR.**—Hours, X.
- CITY OF DETROIT II.**—Strike out system. Note, Detroit & Cleveland Navigation Co., owner of vessel.
- CITY OF MACKINAC II.**—Strike out system. Note, Detroit & Cleveland Navigation Co., owner of vessel.
- CITY OF ST. IGNACE.**—Strike out system. Note, Detroit & Cleveland Navigation Co., owner of vessel.
- CITY OF ST. JOSEPH.**—System, Marconi, 240; hours, X.
- CITY OF SYDNEY.**—Strike out system. Note, Pacific Mail Steamship Co., owner of vessel.
- COMMONWEALTH (KXC).**—System, Fessenden, 260; W. L., 300, 550, 600.
- EDGAR H. VANCE.**—Strike out system. Note, Hammond Lumber Co., owner of vessel.
- EVANGELINE.**—System, Marconi, 1000. Notes, Radio station operated and controlled by the Marconi Wireless Telegraph Co. of America. Evangeline Co. (Plant Line Steamship Co.), owner of vessel.
- FINLAND.**—Notes, Radio station operated and controlled by the Marconi Wireless Telegraph Co. of America. International Mercantile Marine Co. (Panama Pacific Line), owner of vessel.
- FORWARD (KPF).**—Rates, 4c. per word, 40c. minimum per radiogram.
- GULFCOAST.**—Range 200; system, Marconi, 240; service, PG; hours, X; rate, 4c. per word, 40c. minimum per radiogram.
- HOWARD.**—System, Marconi, 1000; W. L., 300, 450, 600; rates, North and South American service, 4c. per word, 40c. minimum per radiogram; transoceanic service, 8c. per word, 80c. minimum per radiogram.
- HOWICK HALL.**—Hours, X.
- IAQUA.**—Strike out system. Note, John A. McGregor, owner of vessel.
- INDIANA (WFC).**—Hours, X.
- J. B. STETSON.**—Strike out system. Note, Hicks-Hauptman Navigation Co., owner of vessel.
- KROONLAND.**—Notes, Radio station operated and controlled by the Marconi Wireless Telegraph Co. of America. International Mercantile Marine Co. (Panama-Pacific Line), owner of vessel.
- LEELANAW.**—Strike out all particulars.
- LUNDIN.**—Strike out all particulars.
- LYSTRATA.**—System, Marconi; W. L., 300, 600; service, PG. Note, Radio station operated and controlled by James Gordon Bennett, owner of vessel (yacht).
- OCEANA.**—Strike out system. Note, Bermuda-American Steamship Corporation, owner of vessel.
- OREGON (WOU).**—Rates, North and South American service, 4 c. per word, 40 c. minimum per radiogram, transoceanic service, 8 c. per word, 80 c. minimum per radiogram. Notes, Radio station operated and controlled by the Marconi Wireless Telegraph Co. of America. Crowley Launch & Tugboat Co., owner of vessel.
- PACIFIC.**—Range, 250; system, Wireless Specialty Apparatus Co., 1000; service, PG; hours, X; rate, 8 c. per word, 80 c. minimum per radiogram. Note, Radio station operated and controlled by the Emery Steamship Co., owner of vessel.
- PILGRIM.**—Strike out all particulars.
- P. R. R. BARGE 707.**—Strike out all particulars.
- PURITAN (KXX).**—Strike out all particulars.
- PURITAN (WDU).**—Hours, X.
- RAMOS.**—Rates, 4 c. per word, 40 c. minimum per radiogram. Note, Sloan, Danenhower & Co., owner of vessel.
- RIVERSIDE.**—Strike out all particulars.
- SAN MARCOS.**—System, Marconi, 400; hours, X.
- SANTA RITA (WTG).**—Rates, North and South American service, 4 c. per word, 40 c. minimum per radiogram, transoceanic service, 8 c. per word, 80 c. minimum per radiogram.
- SANTA ROSA.**—Strike out all particulars.
- S. M. FISCHER.**—Range, 200; system, Marconi, 450; W. L., 300, 600; service, PG; hours, X; rate, 2 c. per word, 20 c. minimum per radiogram. Notes, Radio station operated and controlled by the Marconi Wireless Telegraph Co. of America. Reid Wrecking Co., owner of vessel.

SONOMA (WHM).—System, Poulsen arc. Note, Oceanic Steamship Co., owner of vessel.
 WESTERN STATES.—Strike out system. Note, Detroit & Cleveland Navigation Co., owner of vessel.
 WINCHESTER.—Strike out all particulars.

LAND AND SHIP STATIONS, ALPHABETICALLY BY CALL SIGNALS.

Strike out all particulars following the call signals KMN, KPR, KVX, KXG, KXX, KZK, WGN, WNI, and WRM.

SPECIAL LAND STATIONS, ALPHABETICALLY BY NAMES OF STATIONS.

[Alterations and corrections to be made to the List of Radio Stations of the United States, edition of July 1, 1914, only.]

AMESBURY, MASS.—Strike out all particulars.
 ANN ARBOR, MICH.—W. L., 450, 600, 1800.
 DETROIT, MICH.—Strike out all particulars.
 GLOUCESTER, MASS.—W. L., 300, 600, variable; service, P; hours, X.
 NEW YORK, N. Y. (2XH).—W. L., 300, 540, 600, 800.

MISCELLANEOUS.

COMMERCIAL TRAFFIC REGULATIONS OF NAVAL RADIO SERVICE.

The superintendent of the United States Naval Radio Service, Radio, Va., announces the completion of the Commercial Traffic Regulations of that service. These books may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 25 cents per copy.

LONDON RADIOTELEGRAPH CONVENTION.

The Department has been advised by the State Department that since January 1, 1915, New Caledonia and Tonga have acceded to the International Radiotelegraph Convention, signed at London on July 5, 1912.

RADIO SERVICE PERSONNEL.

Charles Blankenship, of Everett, Mass., formerly radio electrician on the coast-guard cutter *Gresham*, has been appointed as an assistant radio inspector in the service of the Bureau of Navigation at Chicago, Ill.

AWARD OF MEDALS TO BUREAU OF NAVIGATION AND PERSONNEL.

The superior jury of the Panama-Pacific International Exposition has awarded the following medals to the Bureau of Navigation: Radio apparatus, medal of honor; educational demonstration of methods and apparatus for enforcement of the Federal radio law, silver medal.

Silver medals for collaboration with the Department of Commerce in its exhibit at the exposition have been awarded by the superior jury to V. Ford Greaves, radio engineer, and Benjamin E. Wolf, radio inspector.

COMMERCIAL OPERATOR REPRIMANDED.

The attention of all operators is again invited to the Laws and Regulations of the Department, page 74, paragraph 210, regarding the use of profane or obscene language in radio communication.

The superintendent of the Naval Radio Service recently reported a commercial operator in the sixth district for a violation of this regulation, and the radio inspector at San Francisco recommended that his license privilege be suspended. The operator has been severely reprimanded by the Secretary of Commerce for his misconduct, no further action being taken on account of the recommendation of the operator's employer, attesting to his previous good record.

Any future violations of this regulation may be subject to more drastic action on the part of the Department.

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