

Dominion Government Radiotelegraph Station.

The Department of Marine has issued a list of all the Government radiotelegraph stations on the Atlantic and Pacific coasts and the Great Lakes, which it has installed to date. All these stations work on a wave length of 600 metres. Charges on all messages to and from vessels are computed by the cable method of counting, with a minimum charge per message equal to a charge for 10 words. All Government messages, or those relating to weather conditions, and similar information covering the navigation of the vessel, are dealt with without charge. The various stations are located as follows:—

Atlantic Coast, the Gulf and River of St. Lawrence up to Montreal—Partridge Island, St. John, N.B.; Cape Sable, N.S.; *Camperdown, N.S.; *Sable Island, N.S.; *North Sydney, N.S.; Cape Race, Nfld.; Cape Ray, Nfld.; Grindstone Island, Magdalen Islands; Cape Bear, P.E.I.; *Pictou, N.S.; Belle Isle, Nfld.; Point Amour, Labrador; Point Rich, Nfld.; Harrington, Que.; Heath Point, Anticosti; Fame Point, Que.; Clarke City, Que.; Father Point, Que.; Grosse Ile, Que.; Quebec, Que.; Three Rivers, Que.; Montreal.

Great Lakes and Connecting Waters—Barrie Common, Kingston, Ont.; Toronto; Port Burwell, Ont.; Point Edward, Ont.; Tobermory, Ont.; Midland, Ont.; Sault Ste. Marie, Ont.; Port Arthur, Ont.

Pacific Coast—Estevan, B.C.; Pachena, B.C.; Gonzales Hill, Victoria, B.C.; Point Grey, B.C.; Cape Lazo, B.C.; Alert Bay, B.C.; Triangle Island, B.C.; Ikeda Point, B.C.; Deadtree Point, B.C.; Parizeau Point, Prince Rupert, B.C.

The stations marked with an asterisk are owned and operated by the Marconi Wireless Telegraph Co. of Canada; all those on the Great Lakes and connecting waters are owned by the Government and operated by the company, and those on the Pacific coast are both owned and operated by the Government. The station at Kingston, Ont., which is being equipped will, it is expected, be put into operation on the reopening of navigation.

Telegraph, Telephone and Cable Matters.

The Newfoundland Legislature has authorized the issue of \$140,000 of debentures, to provide for the extension of the telegraph system in the colony.

The laying of one mile of cable between Welcome Pass and Thormandy Island, at Buccaneer Bay, B. C., was completed, Apr. 9, and connection made with the land lines of the Dominion Government telegraph system.

The Great North Western Telegraph Co. has opened offices at Fonthill and Lyn, Ont., and has closed its offices at Bridgeport, Ont., and Phillipsburg, Que. The name of the office at Salmon Lake, Que., has been changed to Lac au Saumon.

The estimates recently passed in the House of Commons, cover work on telegraph lines in the various Provinces, as follows,—Cape Breton lines, N. S.; general improvements in P. E. I.; Bay of Fundy system, and betterment of service between Grand Manan, Campobello, N. B., and Eastport, Me.; improvements and extensions in Quebec; line from Athabaska Landing to Lac la Biche, Peace River line, and Qu'Appelle-Edmonton line, Sask. and Alta.; Clayoquot line, repoling Ashcroft-Quesnelle line, and general improvements on telegraph and telephone lines in B. C.; and Government telegraph lines generally.

In a recent lecture given at London, Eng., by Richard Kerr, the title of "Father of Wireless Telegraphy" was given to Jas. B. Lindsay, who was born in 1799 and died in 1862. This man, a not too prosperous schoolmaster at Dundee Jail, with a salary of £50 a year, made his own batteries and coils and sent wireless messages across the Tay and other Scottish rivers and lakes as well as across the Solent. He is said to have declared that if he only had the means to extend his experiments there was no reason why he could not send messages across the Atlantic. It was essential to the Lindsay system that there be a stretch of water between the transmitter and the receiver.

Trade and Supply Notes.

The matter which appears under this heading is compiled, in most cases, from information supplied by the manufacturers of, or dealers in, the articles referred to, and in publishing the same we accept no responsibility. At the same time we wish our readers distinctly to understand that we are not paid for the publication of any of this matter, and that we will not consider any proposition to insert reading matter in our columns for pay or its equivalent. Advertising contracts will not be taken with any condition that accepting them will oblige us to publish reading notices. In other words, our reading columns are not for sale, either to advertisers or others.

The Canadian General Electric Co. has issued bulletin A4199 dealing with railway motor gears and pinions.

Hunt-Spiller Manufacturing Corporation, Boston, Mass., has appointed as its representative Elbert J. Fuller, who resigned a position on the Chicago and North Western Ry. to enter the Hunt-Spiller service.

Goldschmidt Thermit Co.—Reactions, the Goldschmidt Thermit quarterly publication, contains a number of descriptions of the various types of breakage for which thermit can be used with advantage, most of them being well illustrated. One of the repairs described is the welding of a broken rudder on the Dominion Coal Co.'s steam tug D. H. Thomas.

United States Light and Heating Co.—The Chicago branch sales office has been moved from 1013 People's Gas Building to 2335 State St. This change brings the Chicago sales office and service station into the same building. The railway department of the Chicago office is now under H. A. Matthews; R. E. Stuntz has charge of the battery and starter department, and the service department is being looked after by H. H. Emerson.

The Titanium Alloy Mfg. Co., Niagara Falls, N.Y., has issued Mail Reports, Bulletin 5, Open Hearth, containing extracts from a paper presented at the International Congress, for Testing Materials in 1912, by Robt. W. Hunt, giving analyses of segregated rails, a summary of chemical and physical results as reported in bulletins 1, 2, 3, 4 and 5, on standard open hearth A rails, and titanium treated open hearth A rails, a report by G. F. Comstock and a large number of illustrations of rail sections reproduced from photographs, with accompanying analyses, etc.

Hudson Bay Navigation.—The Minister of Marine announced in the House of Commons, recently, that the Lighthouse Board had decided to place 12 lights and 15 additional buoys between Hudson Bay Straits and Port Nelson, and that the Dominion Government s. s. Minto would leave as soon as possible to place them. He also stated that an amount in the naval service estimates would be devoted to the erection of a wireless telegraph station at some point along the straits.

Transportation Conventions in 1914.

- May —.—Association of Railway Claim Agents, St. Paul, Minn.
- May 5-8.—Air Brake Association, Detroit, Mich.
- May 13.—Freight Claim Association, Galveston, Texas.
- May 18-20.—Railway Storekeepers' Association, Washington, D.C.
- May 18-22.—International Railway Fuel Association, Chicago, Ill.
- May 19.—American Association of Demurrage Officers, St. Louis, Mo.
- May 20-22.—Freight Claim Association, Galveston, Texas.
- May 20-23.—Association of Railway Telegraph Superintendents, New Orleans, La.
- May 21-22.—American Association of Railroad Superintendents, St. Louis, Mo.
- May 26-29.—Master Boiler Makers' Association, Philadelphia, Pa.
- May 28.—Association of American Railway Accounting Officers, Atlantic City, N.J.
- June 10-12.—Master Car Builders' Association, Atlantic City, N.J.
- June 15-17.—American Railway Master Mechanics' Association, Atlantic City, N.J.
- June 16.—Train Despatchers' Association of America, Jacksonville, Fla.
- June 16-19.—American Society of Mechanical Engineers, St. Paul and Minneapolis, Minn.
- June 24.—Association of American Railway Accounting Officers, Minneapolis, Minn.
- June 30-July 4.—American Society for Testing Materials, Atlantic City, N.J.
- July 14-17.—International Railway General Foremen's Association, Chicago, Ill.
- July 20-22.—American Railway Tool Foremen's Association, Chicago, Ill.
- Aug. 18.—International Railroad Blacksmiths' Association, Lima, Ohio.
- Sept. 1-4.—American Boiler Manufacturers' Association, New York.
- Sept. 8-10.—Roadmasters and Maintenance of Way Association, Chicago, Ill.
- Sept. 8-11.—Master Car and Locomotive Painters' Association of the United States and Canada, Reading, Mass.
- Oct. 20-22.—American Railway Bridge and Building Association, Los Angeles, Cal.
- Nov. 17-19.—Maintenance of Way and Master Painters' Association of the United States and Canada, Detroit, Mich.

Transportation Associations, Clubs, Etc.

The names of persons given below are those of the secretaries.

- Canadian Car Service Bureau, J. Reilly (acting), 401 St. Nicholas Building, Montreal.
- Canadian Electric Railway Association, Acton Burrows, 70 Bond Street, Toronto.
- Canadian Freight Association (Eastern Lines), G. C. Ransom, Canadian Express Building, Montreal.
- Canadian Freight Association (Western Lines), W. E. Campbell, 502 Canada Building, Winnipeg.
- Canadian Railway Club, J. Powell, St. Lambert, Que. Meetings at Montreal, 2nd Tuesday each month, 8.30 p.m., except June, July and August.
- Canadian Society of Civil Engineers, C. H. McLeod, 176 Mansfield St., Montreal.
- Canadian Ticket Agents' Association, E. de la Hooke, London, Ont.
- Central Railway and Engineering Club of Canada, C. L. Worth, 409 Union Station, Toronto. Meetings at Toronto 3rd Tuesday each month, except June, July and August.
- Dominion Marine Association, Counsel, F. King, Kingston, Ont.
- Eastern Canadian Passenger Association, G. H. Webster, 54 Beaver Hall Hill, Montreal.
- Engineers' Club of Montreal, R. W. H. Smith, 9 Beaver Hall Square, Montreal.
- Engineers' Club of Toronto, R. B. Wolstey, 94 King St. West, Toronto.
- Great Lakes and St. Lawrence River Rate Committee, Jas. Morrison, Montreal.
- International Water Lines Passenger Association, M. R. Nelson, New York.
- Niagara Frontier Summer Rate Committee, Jas. Morrison, Montreal.
- Nova Scotia Society of Engineers, A. R. McCleave, Halifax, N.S.
- Quebec Transportation Club, J. S. Blanchet, Quebec.
- Ship Masters' Association of Canada, Capt. E. Wells, 45 St. John St., Halifax, N.S.
- Western Canada Railway Club, W. H. Rosevear, 25½ Princess St., Winnipeg. Meetings at Winnipeg 2nd Monday each month, except June, July and August.

R. R. Neild, General Superintendent, Manitoba Bridge & Iron Works, read a paper before the Western Canada Railway Club in Winnipeg, April 6, on the manufacture of iron and steel.