

146. May 2. Quebec, Gulf of St. Lawrence, Perce, position of buoy.

147. May 2. Quebec, River St. Lawrence, Cap de la Madeleine, dredging, extension to wharf.

148. May 6. British Columbia, Vancouver Island, west coast, Obstruction Island, Rocky Pass, day beacon erected.

149. May 6. British Columbia, Vancouver Island, Alberni Canal, First Narrows, day beacon erected.

150. May 6. British Columbia, Vancouver Island, Alberni Canal, Second Narrows, day beacon erected.

151. May 6. British Columbia, Vancouver Island, Juan de Fuca Strait, Sooke Inlet, beacons not in position.

152. May 6. British Columbia, Boundary Bay, Mud Bay, change in position of beacons.

153. May 6. British Columbia, Malaspina Strait, Pender harbor, Williams Island, day beacon erected.

154. May 6. British Columbia, Smith Sound, Takush harbor, Fly basin, uncharted shoal.

155. May 7. British Columbia, Vancouver Island, Saanich Inlet, Tozier Rock, spindle erected.

156. May 7. British Columbia, Strait of Georgia, Active Pass, submarine bell buoy moored near Gossip shoals bell buoy.

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.

Independent Pneumatic Tool Co., Chicago, has issued circular E 1, descriptive of the new Thor electric drill.

Northern Electric Co., Ltd., Montreal, has issued a bulletin of 24 pgs, 7½ by 10¾ ins., describing and illustrating its low voltage lighting outfits.

The General Railway Signal Co. of Canada, Montreal, has issued catalogue B, part 7, covering its R. S. A. mechanical dwarf signal.

Canadian Westinghouse Co., Ltd., Hamilton, Ont., has issued circular 1137, 24 pages, 7 by 10 in., on watt hour meters for alternating current and direct current.

Canadian Detroit Lubricator Co., Walkerville, Ont., for which Taylor & Arnold, Ltd., Montreal, are Canadian Sales Agents, has issued a booklet of 12 pgs., 4½ by 7½ ins., describing and illustrating Detroit automatic plunger lubricators.

The Brown Hoisting Machinery Co., Cleveland, Ohio, has issued catalogue D. 1914, 64 pages, 6 by 9 ins. "Brown Hoist Tramways Systems, Trolleys, Electric Hoists," dealing with the overhead or tramway system of handling all kinds of material by railways and industrial plants.

James T. Gardner, Inc.—The railway equipment business which was carried on by James T. Gardner, at 615 Railway Exchange, Chicago, until his recent sudden death, will in future be carried on by James T. Gardner, Inc., with the following officers: President, M. Gardner; Vice President, R. H. Gardner; Secretary, A. V. Talbot; Treasurer, A. M. Talbot.

The United States Light and Heating Co. has removed its general offices from 30 Church St., New York, N. Y., to its plant at Niagara Falls, N. Y., thus bringing together

the administrative, sales, engineering, and production departments. The New York sales office and service station has been transferred to the Locomobile Building at 16 West 61st St., New York, N. Y.

Butterfield & Co., Inc., of Rock Island, Que., manufacturers of taps, dies, screw plates, reamers, etc., are preparing plans for a new brick and re-inforced concrete factory building there. About a year ago, their plant was purchased by the Union Twist Drill Co. of Athol, Mass., manufacturers of twist drills and milling cutters. The new building is to be 185 by 60 ft. wide, and 3 stories high, and when completed, a portion of the building will be used for the manufacture of drills and milling cutters for the Canadian trade. The plant will continue to be operated under the name of Butterfield & Co., Inc., with no change in the management.

The Detroit Lubricator Co., advises that it will exhibit the new Detroit flange lubricator for the first time at the M. C. B. and A. R. M. M. conventions at Atlantic City in June, in space 637, the same it has occupied in several years past. The exhibit will consist of two wooden models of 45 degree sections of locomotive drivers, with the lubricator installed in the same manner as in actual service. The whole apparatus will be rocked back and forth by an ingenious electrical contrivance to approximate working conditions on the road. The lubricator will feed oil on the flanges every time the lateral motion becomes pronounced and easy observation of its construction and operation will be made possible by removing sections to display the internal mechanism. In addition to this a No. 22 bullseye locomotive lubricator, air cylinder lubricator and transfer filler will be shown in operation. A complete line of locomotive lubricators with from one to eight feeds, automatic steam chest plugs, air cylinder lubricators, transfer fillers, with sectional models and cross sections of parts will be displayed.

Among the Express Companies.

F. S. Love, Local Manager, Dominion Ex. Co., Saskatoon, Sask., has been transferred to Fort William, Ont., vice E. P. Burnell, transferred to Saskatoon, Sask.

E. P. Burnell, Local Manager, Dominion Ex. Co., Fort William, Ont., has been transferred to Saskatoon, Sask., vice F. S. Love, transferred to Fort William.

The Canadian Northern Ex. Co. has reopened its offices at Berton, Man., and Brooking, Sask., has opened offices at Gravelbourg and Mitchellton, Sask., and has closed its offices at Delmas, Sask., and Minburn, Alta.

The Western Ex. Co., which operates over the Minneapolis, St. Paul and Sault Ste. Marie Ry., Duluth, South Shore and Atlantic Ry., Spokane International Ry., and the C.P.R., has arranged to open offices in Chicago, Ill., and Milwaukee, Wis., by July 1.

Telegraph, Telephone and Cable Matters.

The Great North Western Telegraph Co. has opened offices at Cardinal Canal and Charing Cross, Ont., and has reopened its summer office at Rosseau, Ont.

The Canadian Northern Telegraph Co. has reopened its offices at Berton, Man., and Brooking, Sask.; opened offices at Hughton, Sask., and Minburn, Alta., and has closed its office at Delmas, Sask.

The C.P.R. has completed the erection of a telegraph line along its recently built Weyburn-Lethbridge extension, connecting

direct with Moose Jaw, Sask., and wire is also being erected westward from Shaunavon, Alta., keeping pace with railway construction. D. Coons is Superintendent of Telegraphs, Saskatchewan Division.

The G. T. Pacific Telegraph Co.'s system, which has chiefly been erected in conjunction with the laying of the railway track, has been completed between Port Arthur, Ont., and Prince Rupert, B.C., but the commercial service is only in operation as far west as Prince George, B.C. It will, however, be completed through to the coast very shortly. The installation of a telephone train dispatching system is also proceeding. A. B. Smith is Manager of Telegraphs, G.T.P.R.

Transportation Conventions in 1914.

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 18, 19.—Association of Transportation and Car Accounting Officers, Atlantic City, N.J.

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, Nashville, Tenn.

Sept. 22-24.—Railway Signal Association, Bluff Point, N.Y.

Oct. 12-16.—American Electric Railway Association, Atlantic City, N. J.

Oct. 19-23.—Association of Railway Electrical Engineers, Chicago, Ill.

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, Manager, 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. Wolsey, 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.