

power plant may be erected and the river improved at the same time. A charter is now being granted to a private company, who will develop the water power under the supervision of the Government engineers. It is expected that 36,000-h.p. will be generated, all of which will be delivered in Chattanooga. This is the first power development in which the Government has taken an active part.

MUNICIPAL WORKS, ETC.

Portage la Prairie, Man., will spend \$20,000 on improvements and additions to the local gaol.

A by-law to grant \$35,000 for an electric light plant will be voted on in Napanée.

At Gananoque, a by-law to grant \$35,000 to complete the waterworks and sewerage systems will be voted on by the people.

Southampton, Ont., ratepayers have voted for a by-law to spend \$4,000, chiefly for the extension of the waterworks system.

Property owners of Vancouver voted in favor of by-laws to raise \$500,000 for the improvement of the city streets and the erection of a new fire station.

At Indian Head, N.W.T., the by-law to borrow \$150,000 to secure electric lighting, waterworks and sewerage for the town passed almost unanimously.

\$57,000 is to be spent on extending and improving the waterworks system of Sarnia, Ont. A five-million imperial gallon pump will be put in.

The city council of Fredericton has definitely decided in favor of a sewerage system, and it is expected that tenders for the work will soon be called.

The Woodstock water and light commissioners have recommended the expenditure of \$50,000 on the city's plant. It is proposed to build a reservoir at a cost of \$18,000, and to purchase a new pump for \$13,500.

Dalhousie, Ont., has decided to engage an engineer to look into the question of water, sewerage, and electric light, and to furnish estimates on the cost of plants for these necessary works.



TELEGRAPH AND TELEPHONE

It is proposed to form a local company, in Manitou, Man., to install a telephone system.

The Bell Telephone Company announces to its shareholders that they will have an opportunity of subscribing for an additional \$1,000,000 of stock at 125. This will bring capitalization up to \$8,000,000.

The Cunard steamship *Campania*, on a recent trip, received messages direct from the Marconi station at Poldhu, Cornwall, at a distance of 2,200 miles, thus establishing a new wireless long-distance record. The previous record was about 2,000 miles.

While visiting in England this summer, Sir William Mulock will visit some of the cities and towns in which municipal telephone systems are established, with a view to reporting thereon to the special telephone committee. He will also consult with the authorities of the British Telegraph Department with a view to ascertaining how the trunk telephone system is being operated.

The Government of Newfoundland has recently introduced in the Legislature a bill imposing an annual tax of \$4,000 on every telegraph cable landed on the coast of the island; a tax of 1 per cent. on the traffic receipts of every telegraph company doing business in the colony; a tax of \$4 on every telephone operated, and \$4,000 on every wireless telegraph company doing commercial business, those which only report ships being exempt. So far, the only company affected by the proposed law is the Anglo-American Telegraph Corporation, which operates cables, land lines and telephones, on which it will have to pay nearly \$40,000 annually under this scheme of taxation.

At the annual meeting of the New Brunswick Telephone Co., held in Fredericton, it was decided to erect a number of

lines during the present season. They will include a line from Chatham to Dalhousie, connecting with Bathurst, Campbellton, and other places along the North Shore, also a line from Canterbury to McAdam, another from St. Stephen to Moore's Mills and from Lepreau to Musquash. The company also decided to connect with the Kamaraska Telephone Company, by extending the line to Edmundston. A \$6,000 brick building will be erected in Fredericton for the use of the company's head offices.

MARINE NEWS.

The city of Toronto has been authorized to expend \$45,000 for a freight shed on the city wharf.

The Dominion Parliament has voted \$30,000 for the further prosecution of hydrographic surveys in the St. Lawrence and on the Pacific coast.

The Quebec Steam Whaling Co. has purchased the steamer *Falke* in Norway, for whaling purposes in the Gulf of St. Lawrence. The *Falke* was expected to reach Quebec June 15th.

Merchants and business men of Quebec have petitioned the Dominion Government to abolish the tax of 5 cents per register ton on shipping at that port.

The Nova Scotia Government will extend the breakwater at Port Morien 260 feet, at a cost of \$25,000. The work is to be of a permanent character.

The St. John, N.B., city council has decided not to build the straight wharf for the winter steamboat trade, as was reported recently.

Portage la Prairie, Man., will issue \$10,000 worth of debentures to pay for the raising of the Crescent Lake bridge, so as to allow of large launches passing under.

The French steamer *Pro Patria*, running between St. Pierre, Miquelon, and Nova Scotia ports, which went ashore at Forchee at the end of May, has been abandoned as a total loss, and will be sold by the underwriters.

The old steamer, *John Instine*, has been rebuilt and renamed the *John Randall*. She has been fitted with new compound engines, and is intended to run between Rideau Canal points and Oswego, N.Y.

The Reid Wrecking Co., of Sarnia, proposes to build a floating dry-dock at that place. It has already begun the work of constructing a new 380-foot wharf on its property recently acquired there.

The Richelieu & Ontario Navigation Co.'s steamer *Canada*, which was sunk after collision with the Cape Breton and subsequently raised, has been rebuilt at the Davis shipyards, Quebec. She is now at the company's yards at Sorel, Que., being refitted.

The steamer *Pierrepoint* has been chartered by the Department of Marine as a lighthouse tender to temporarily replace the burned steamer *Scout*. The *Scout* has been raised and will be reconstructed. The cost of this work is at present estimated at \$52,000.

The Dominion Government has passed an order in council providing for reciprocity with the United States in regard to steamboat inspection. The Secretary of Commerce and Labor will, in accordance with the powers vested in him, make a similar order in respect of Canadian vessels requiring United States inspection.

The Niagara Navigation Co. has arranged to inaugurate a freight service on its line between Toronto and the Niagara River during the current season of navigation. W. E. Tibbetts, Toronto, has been appointed general freight agent. The steamers of the company will make close connection with the trains on both sides of the Niagara river.

The Great Lakes Steamship Company will put another steamer on the route between Montreal and Lake Superior in the general grain and merchandise traffic. The vessel, which has been named the *Royal*, is under construction at an English shipyard. She will be 256 feet long, 48 feet beam, and 20 feet deep, and will carry 75,000 bushels of grain through to Montreal.

A test has been made in Hamilton, Ont., Bay, of a vessel propelled by water pumped through a brass tube running along