

the Boston stock exchange over a new copper wire. The wire is of hard drawn copper, 270 pounds to the mile, the standard for telegraph purposes, and will be worked duplex.

A cable will be laid by the Department of Public Works between Anticosti and the Magdalen islands, 116 miles, this year. The cable will be manufactured in England and brought out on the Newfield, one of the new vessels being built for the Government in Paisley, Scotland.

The C.P.R. telegraph department is stringing a no. 9 copper wire between Montreal and St. John, N.B., and will also improve its connection between Montreal and Sault Ste. Marie, Ont., by adding a copper wire. These lines will be strung out of the 200 tons of wire recently ordered.

The G.T.R. Co. has increased the minimum pay of its telegraphers and agents by \$2 a month and \$5 a month for relay agents. Agents on branch lines who work overtime to meet trains are given \$1.50 a month increase; and overtime to others is increased from 15c. to 20c. an hour.

The C.P.R. telegraph department has completed stringing a no. 9 copper wire between Sydney and Halifax, N.S., in place of an iron one. This is the first copper wire strung by the Co. in Nova Scotia, and is one of the lines

for which an order was placed for 200 tons of wire, sufficient for 1,900 miles.

The C.P.R. telegraph operators recently asked for a minimum monthly wage of \$53. After some negotiations the Co. offered an increase of a smaller figure which was accepted, and the details of the settlement are being worked out. The amount of the increase has not been made public.

A fourth telegraph line will probably be completed into Nelson, B.C., this year. J. Wilson, Superintendent of the Pacific division of the C.P.R. telegraph department, states that the new line will extend from Kaslo to Lardo, thence along the railway now being completed to the head of Arrow Lake.

The C.P.R. telegraph department has ascertained that the break in the second cable connecting Vancouver island with the mainland between Beechy bay and Port Angeles, is about 3½ miles from Beechy bay in deep water. The cable has been out of repair for two years, but will probably be repaired this year.

Arrangements have been completed with the Niagara Navigation Co. for the installation on its vessels of the necessary instruments for the transmission of messages by the Marconi system of wireless telegraphy. Press reports state that stations are to be built in

Toronto and on the other side of Lake Ontario in connection with this installation.

In accordance with the views expressed by members of the House of Commons at the recent session, the Minister of Public Works put into operation on June 1 a reduced tariff for messages on the Yukon line. The new rate is \$3 for 10 words instead of \$4.75 as heretofore. The C.P.R. telegraph department announced a corresponding reduction in its rates for messages through to Dawson and other points in the Yukon.

The Dominion Department of Public Works has under consideration tenders for the construction of a telegraph line from St. Peters to Main-à-Dieu, N.S., about 84 miles, and a further section of 6 miles on Scatari island; and a line from Gaberus to North Sydney, N.S., about 35 miles. D. H. Keeley, General Supt. of Government Telegraphs, says the extension to Scatari will complete the circuit of the coast of Cape Breton island. The 125 miles of line are to be completed within four months after the signing of the contract.

The buildings at Table Head, N.S., for the Marconi wireless telegraph station comprise four towers 210 ft. in height, 28 ft. square at the base and tapering to 10 ft. square at the top. Within the square formed by the four towers are the power house and operat-

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