

SESSIONAL PAPER No. 38

GREAT LAKES.

A scheme has been drawn up for the establishment of a wireless telegraph system on the Great Lakes, which will include a chain of stations, approximately 180 miles apart, from Port Arthur to Kingston, with a station at Kingston of sufficient range to communicate with Montreal, thus linking up the proposed system with the east coast system and giving through communication between Belle Isle or Cape Race and Port Arthur. The scheme as draughted out will include stations at or in the neighbourhood of the following points:—

Kingston, Ont.
 Toronto, Ont.
 Port Colborne, Ont.
 Port Stanley, Ont.
 Sarnia, Ont.
 Tobermory, Ont.
 Midland, Ont.
 Sault Ste. Marie, Ont.
 Port Arthur, Ont.

A preliminary survey of the points has been made and sites have been secured at Port Arthur, Sault Ste. Marie, Tobermory, Midland and Point Edward (Sarnia).

CONSTRUCTION WORK.

A station was erected by the Marconi Wireless Telegraph Company of Canada at Port Arthur, Ontario, in November, 1910. The company erected this station at their own expenso, but under an arrangement with this Department whereby the Department may take over the same should they wish to do so. The Port Arthur station proved its value immediately after being placed in commission. The steamer *Dunedin* of the Inland Lines ran ashore on Isle Royale on December 7, 1910.

She was not equipped with Radio-telegraph apparatus, but a freighter equipped with the same, sighted her distress rockets and reported the casualty to the Port Arthur Radio-telegraph station. The tug *James Whalen*, with a wrecking equipment was sent to the assistance of the stranded steamer. Constant communication was maintained between the wrecking outfit and Port Arthur, and the boats were warned of the approaching storms, enabling them to take shelter in neighbouring bays during operations. [The correct name is DUNELM not DUNEDIN. SS F.B. SQUIRES was the freighter that sent the distress message to MUG Port Arthur. RC Mazur 2011.]

SHIPS.

The following Canadian Government Steamers are equipped with wireless apparatus and are operated by the Department of Marine and Fisheries.

	Range.
C.G.S. <i>Quadra</i>	100 miles.
C.G.S. <i>Minto</i>	150 "
C.G.S. <i>Stanley</i>	150 "
C.G.S. <i>Lady Laurier</i>	150 "
C.G.S. <i>Aberdeen</i>	100 "
C.G.S. <i>Druid</i>	100 "
C.G.S. <i>Earl Grey</i>	200 "
C.G.S. <i>Montcalm</i>	150 "
C.G.S. <i>Montmagny</i>	200 "
C.G.S. <i>Lady Grey</i>	100 "