

prevail there, and in view of the large number of ships constantly passing and repassing between Europe and ports of North America. The Board of Trade and the Lords of the Treasury have agreed to sanction the expenditure of £4,000 for this purpose. Preliminary proceedings have therefore been taken for erecting as early as possible, the most powerful Fog Whistle in the world, which will be heard at a distance of thirty miles under favourable circumstances, and from six to eight miles under the most unfavourable.

INLAND LIGHT HOUSES.

In the inland waters of Canada considerable improvement has been made in the system of Lights during the past year. Many of the old lights have been improved, and a number of new ones erected, more particularly in the Georgian Bay, the great highway between Ontario and the North-West.

The Light on Sulphur Island, head of Lake Huron, near the entrance of the Sault Ste. Marie, is on the Catoptric system, and can be seen sixteen miles.

A very fine Light House, with keeper's dwelling combined, has been erected on Lonely Island, near the entrance of the Georgian Bay, lying on the direct track between Collingwood and Sault Ste. Marie, Catoptric system, and can be seen twenty miles.

A minor light has been erected on Michael's Point, on the South side of the Grand Manitoulin Island, Lake Huron.

The Marine Department has placed apparatus in a new Light House erected near the entrance of Byng Inlet, Georgian Bay.

A Light House, with keeper's dwelling, has been erected near the entrance of Parry Sound, Georgian Bay; light Catoptric, can be seen sixteen miles. Messrs. Beattie & Co., Merchants and Mill Owners, at Parry Sound, have contributed one half the cost of the building.

A new Light House, with keeper's dwelling, has been erected on Pigeon Island, near Wolfe Island, Lake Ontario, light visible sixteen miles.

A very good minor light has been established on Telegraph Island, Bay of Quinté; light visible twelve miles.

A new Pier, Light House, and keeper's dwelling, have been erected at Lancaster Bar, in the St. Lawrence; light visible eight miles, Catoptric system.

A similar Pier and Light House have been erected at Point Claire, near Lachine; light Catoptric, visible eight miles.

A minor light has been erected at Way Shoal, River Ottawa, ten miles below Ottawa City; can be seen ten miles.

A new Beacon is to be erected on Stinson's Bar, near St. Andrew's Harbour, N. B., which they expect to finish next spring.

The total expenditure for the maintenance of the Lighting system, between Montreal and Lake Superior, including the cost of construction of the works mentioned, was for the fiscal year, 1870, \$46,289, against \$42,306 of the previous year, and \$49,561 for the year before that.

There were in this district on the 30th June, 1870, sixty-eight lights, of which four were floating, maintained by the Dominion Government. There are also a number of harbour lights, maintained on the Lakes by the local authorities. The number of keepers employed by the Government is fifty-five, with six assistants.

Tenders were invited to rebuild the Light House at Port Maitland, Lake Erie, blown down by a gale, but none of them were within the limit of the amount voted by Parliament, so the work had to be postponed until a further vote could be obtained. The Pier at Goat Island, Lake Ontario, is much damaged, and will require heavy repairs.

The lights in this division are kept burning until the close of navigation, which generally takes place about the 1st of December. They are again lighted in April, when vessels resume their business on the Lakes.

The Messrs. Hackett, of Amherstburgh, have for the last four years maintained a Light Ship at Colchester Reef, Lake Erie. The Minister thinks that Government assistance should be given.

MONTREAL TRINITY HOUSE.

No change has taken place in the Montreal Trinity House establishment during the last year. The cost of maintenance was \$21,699, against \$25,762 of the previous fiscal year, and \$23,053 of the year before that. In this district there are thirty-eight Light Houses and Light Beacons, three iron Light Ships in Lake St. Peter and twenty-seven buoys; number of light house keepers is twenty-six, with three keepers of light ships and three assistants.

The Minister gives it as his opinion, that in view of the increasing trade of the river, and the valuable class of vessels and cargoes now frequenting the port of Montreal, a number of the old lights should be replaced by new and more powerful ones.

QUEBEC TRINITY HOUSE.

The Quebec Trinity House has had charge of the lights, buoys, beacons, and provision depots from Port Neuf, thirty-eight miles above Quebec, to the Straits of Belle Isle. The expenditure on account of salaries and employees for the last fiscal year were \$11,613. The salaries of the light house keepers, &c., \$11,284. The total expenditure of all sorts amounted to \$46,759. This included some expenses connected with the wrecks, and the construction of new wooden beacons. The ordinary services amount to \$43,730.

Steps have been taken under the Act 33rd Vic., cap. 18, to transfer the management of all the light houses, buoys, beacons, &c., in this district, to the Department of Marine and Fisheries. It is proposed, however, to continue the Trinity House on a reduced scale for the purpose of attending to pilotage matters, &c.

The number of lights in this division on June 30, 1870, was twenty-four, including the new light at Paspebiac; twelve of them are fine sea lights of a high class; the remainder river lights. During the latter part of 1870 three more lights were added, namely, Birds Rock, Seven Islands, and Montée-du-Lac. Twosteam Fog Whistles are being constructed, one for the light ship at Red Island Reef, and one for the South point of Anticosti.

The number of Pilots on the active list under the Quebec Trinity House, is 250.

The total expenditure for Light Houses and Coast Service during the last fiscal year was \$27,485, against \$23,893 of the previous year; this extra expense was caused by damages inflicted by the tidal wave in October, 1869.

LIGHT HOUSES, &C., IN NEW BRUNSWICK.

The Buoys and Beacons maintained in New Brunswick at the charge of the Dominion,