

During the past year it was found necessary to secure the block on which the Lighthouse on Sand Reef, Passamaquoddy Bay, stands, and this work has been completed at a cost of \$551.70.

During the past year extensive repairs and improvements have been effected at the exposed Lighthouse Stations on Machias, Seal and Gannet Rock Lighthouses, and details of the expenditure incurred will be found in Appendix No. 4.

A Fog-Trumpet of a new and improved description, manufactured by the Neptune Fog-Horn Company of Quebec, was placed during last season at Mascabin Point, at the entrance to La Tete Passage. It is sounded in thick weather, fogs and snow-storms with blasts of seven seconds duration, with intervals of thirty seconds, and will probably be heard—with the wind, six miles, and two to three miles against the wind. The cost of this Fog-Horn was \$1,750, and the sum of \$2,774.02 has been expended in erecting the necessary building for the Trumpet, making a reservoir, etc., making the total cost of the Trumpet \$4,524.02. Tenders have been invited for the erection of a dwelling for the use of the Keeper, and the contract awarded to Mr. Angus Fisher, of St. George, for the sum of \$644.

A Fog-Trumpet of similar description has been erected at Head Harbour, to replace the one first supplied by the Neptune Fog-Horn Company, which proved unsuitable. This Trumpet will shortly be put into operation, and the cost will appear in the accounts for the present fiscal year.

The erection of a Fog-Trumpet on Split Rock, at the entrance to Musquash Harbour, has been recommended by our Agent and some of the Pilots, to serve not only the purpose of a guide into the harbour, but also for steamers and other vessels bound to the Port of St. John.

During the past season it was found necessary to remove the Lighthouse and keeper's dwelling at Point Escuminac, so as to secure it from the encroachments of the sea, and the carrying out of this work, and the performance of necessary repairs, has been effected at a cost of \$1,120.

Tenders were also invited for the repairing of the Miramichi Lightship, and the contract for this work was awarded to Mr. Mathew Russell for the sum of \$850.

During a heavy gale in October last, considerable damage was caused to several of the Lighthouses on the north shore of New Brunswick.

At Shippegan, the foundations of the Lighthouse were damaged, and the Oil Store upset, and it will be necessary to remove the Lighthouse to a safer site.

At Tracadie, North Gully, the foundations of the Lighthouse were undermined to some extent, and at the South Gully the front Range Light Tower and Oil Shed were washed away from their foundations.