

90 feet above water mark, and should be seen in clear weather from a distance of 17 miles. The building is of wood, painted white, and consists of a square tower 46 feet high from base of structure to vane of lantern, with a keeper's dwelling attached. This lighthouse was put in operation on the 15th May last. Mr. John Michaelson was appointed keeper on the 7th September, 1876, at a salary of \$300 per annum. The lighthouse on Battle Island exhibits a revolving catoptric light, showing alternately red and white, and attaining its greatest brilliancy every one-and-a-half minute. It is elevated 105 feet above water mark, and in clear weather should be seen 18 miles. The tower is a square wooden building, 30 feet high from base of structure to vane of lantern, and is painted white. The keeper's dwelling is situated at a little distance from the lighthouse. This light was put in operation on the 27th August last, and is under the charge of Mr. Charles McKay, who was appointed keeper by Order in Council of the last mentioned date, at a salary of \$500 per annum. As will be seen by the Report of last year, the sum of \$4609.49 was expended on these lighthouses up to the 30th June, 1876, and there has been an additional expenditure during the past year of \$3206.28, making the amount expended up to 30th June, 1877, \$7,815.77.

The Range Light Towers at Southampton, in the County of Bruce, to which reference was made in last Report, were put in operation on the 5th May last. The front light, which is fixed catoptric, is on an open framed square tower 25 feet high on the eastern extremity of the western breakwater pier 2,800 feet from Chantry Island Lighthouse. This lighthouse shows red to the northward and white inside the harbour and should be seen seven miles. The back light is on an enclosed square tower 28 feet high, standing on the south of the landing pier, 2100 yards from the front light. It consists of a fixed white catoptric light elevated 34 feet above water mark, and should be seen ten miles in ordinary weather. Mr. David Cascaden was appointed by Order in Council of the 26th April last, keeper of the back light on the shore, at a salary of \$100 per annum, and Mr. D. McG. Lambert, keeper on the light on the pier at a salary of \$75 per annum. The cost of these towers, with lanterns, and lighting apparatus, amounted, as will be seen by reference to the accounts, to \$1,062.76.

The Inner Range Light Tower, near Fort William, on Kaministiquia River, to which reference was made in last year's Report, has been rebuilt at a cost, including lantern and lighting apparatus, of \$1,098.88.

The old Lighthouse Towers on the pier at Port Colborne having become so much decayed as to be unsafe, tenders were invited during the past season for the construction of two new towers, and the contract was awarded to Messrs. Whiteacre and Moran of Toronto, for the bulk sum of \$3,644.

The main tower on the outer end of the new breakwater is now approaching completion, and the light will be exhibited on the opening of navigation. Owing to