

NOVA SCOTIA LIGHTHOUSE DIVISION.

This division, in charge of Mr. H. W. Johnston, agent of the department for the province, includes the charge of 177 light stations exhibiting 190 lights, 1 light-vessel, 16 steam fog-alarms, 1 signal bomb station, 17 hand fog-alarms, 2 fog-bells, 14 automatic whistling buoys and 10 iron bell buoys on stations, 95 iron can buoys, about 700 spar and other small buoys, 8 stationary beacons, 15 life-boat stations, 3 humane establishments and 4 signal stations. The steamer "Newfield" is also under the control of this agency.

The lighthouses and fog-alarms throughout this division have been inspected by Mr. C. A. Hutchins, superintendent of lights, and the boilers and machinery at the fog-alarm stations have been examined by Mr. Warner and Mr. Devan, engineers of the "Newfield."

NEW LIGHTS.

Candlebox Island.

As indicated in last year's report the construction of a lighthouse on Candlebox Island at the western end of Schooner Passage, Bay of Fundy, was under taken by Mr. John B. Porter, of Belleville, N.S. He satisfactorily completed his contract, and the lighthouse was put in operation on the 1st of February last.

The light is fixed red, elevated 56 feet above high-water mark, and should be visible 8 miles from all points of approach.

The illuminating apparatus is dioptric of small size.

The lighthouse, which stands near the centre of the small island, consists of a square wooden tower with dwelling attached, painted white, the tower surmounted by an iron lantern painted red. The height of the lantern from its base to the vane of the lantern is 57 feet.

Bunker Island, Yarmouth.

During the past season the lighthouse on the end of the reef off the south-west point of Bunker Island, on the east side of the entrance to Yarmouth Harbour, has been removed to a new concrete pier built immediately south of the old cribwork pier, under the supervision of Mr. W. H. Noble, the old pier having become completely rotten. The cost of this change was \$5,461.97.

The new pier consists of a steel cylinder, 36 feet in diameter, filled with concrete, and carried up 4 feet higher than the old one. The height of the light above high water mark will consequently be 31 feet instead of 27 feet as in the past, and the light will be 27 feet south of its old position.

Sand Point or Eddy Point.

A new square tower attached to the old lighthouse building, is in course of construction at this station by Mr. T. M. Crowe, Truro, N. S., under contract for the sum of \$800. The two horizontal lights to be changed to one fixed light shown from the lantern on tower. It has been considered advisable thus to improve the efficiency of the light at this important station, it being the only guide to the large number of vessels passing through the Gut of Canso. It is hoped that this new light will be ready for the opening of navigation in 1894.