

Marine and Fisheries.

Cape Salmon.

As above indicated it is proposed to erect a lighthouse and fog-alarm building on La Pointe de Roches, immediately to the eastward of Cape Salmon. A contract was awarded for the necessary buildings to Mr. Jean Warren, of Murray Bay, whose tender, \$3,700, was the lowest, and the work will be proceeded with on the opening of navigation.

In connection with the above scheme of lighting the channel north of Hare Island, the red can buoy previously maintained on the north-east extremity of the Middle Ground between St. Roch des Aulnets and Coudres Island, near the east end of the South Traverse, was on the 1st July last replaced by an iron spherical buoy painted red, with "Middle Ground" in white letters, surmounted by a lens lantern showing a bright or white gas light occulted about every 6 seconds. This light is elevated about 10 feet above the water, and should be visible 8 miles, but must not be depended on too much as it is liable to be extinguished by collision or stress of weather.

Quebec Range Lights.

A range of lights established by the Quebec Harbour Commissioners in 1891 to guide vessels to the Commissioners' Wharf, in Quebec Harbour, has been assumed, and will hereafter be maintained, by the Government.

The front light stands upon the north-east corner of the Princess Louise Basin Embankment, near the Immigration Offices. It is fixed red, elevated 43 feet above high water mark, and should be visible 8 miles from all points of approach by water.

The illuminating apparatus consists of an electric arc light shaded by a red globe, attached to an arm on a mast, which rises out of the centre of a small square tower painted brown. The height of the top of the tower above the wharf is 17 feet, and of the top of the mast, 40 feet.

The back lights are located on the Battery at the foot of Ste. Famille Street, 2,900 feet W. S. W. from the front light. They consist of two fixed red lights 16 feet apart vertically, the upper one 112, the lower one 96, feet above high water mark. They are also electric lights, shaded by red lenses. The upper one is an arc light, and the lower one an incandescent light. They should be visible 8 miles in, and over a small arc on each side of, the line of range.

The higher lamp is hung from an arm on a post 47 feet above the ground, the lower one from an arm on a post 31 feet above the ground.

Change in Beaujeu Bank Gas Buoy.

In consequence of the large pillar gas and bell buoy being no longer required on White Island Reef, it was utilized to replace the smaller spherical gas buoy at the west end of Beaujeu Bank, this latter buoy being utilized for the new position on the Middle Ground above described. The change was carried into effect on the first July last.

The new buoy on Beaujeu is painted white like the old one, with "Beaujeu Bank" in black letters, and is surmounted by a bell and by an occulting white gas light at an elevation of 14 feet above the water.