

Description of Lighthouses at this Station.

The lighthouses are octagonal wooden buildings, painted white, with oil-stores combined.

The Government acquired, by purchase from Mr. Antoine Lamoureux, a piece of land, 25 square feet, for the sum of £25. Mr. Theodore Doucet, Notary Public. Deed of sale, dated August 31st, 1867. Also, from Mr. Francois Beaudoin, a piece of land, 30 feet square, for the sum of \$30. Mr. A. Lecours, Notary Public. Deed of sale, dated May 30th, 1859.

MONTREAL HARBOUR LIGHTHOUSES.

Lat. 45° 30' 22" N. ; Long. 73° 33' 14" W.

(WM. JEFFS, *Keeper.*)

Two fixed red lights, 73 yards apart; one 38 feet and the other 29 feet above the water's edge; they indicate the deepest channel to and from the Harbour. Two mammoth flat-wick lamps, lipped chimneys. Upper tower—Size of glass, 32 x 23 $\frac{3}{4}$ inches; size of reflector, 13 x 7 inches deep. Lower tower—Size of reflector, 18 x 7 inches deep; size of glass, 25 $\frac{3}{8}$ x 17 $\frac{1}{2}$ inches; height of towers, base to vane, 29 feet; base to centre of lamp, 25 feet; size of lantern, 5 feet 6 inches; size of gallery, 10 feet; size of base, 16 feet: they consume about 100 gallons of oil per season.

May 11th.—Landed stores, inspected the lights, &c., and found that new lamps were wanted, and had them put up; the buildings are very old, and I would recommend that new ones be put up next spring. I would also suggest that the new ones should be built ten or twelve feet higher than the old ones, as when there is a large ship at the wharf the light can hardly be seen.

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LIGHTHOUSES BETWEEN ST. JOHNS, PROVINCE OF QUEBEC, AND THE BOUNDARY LINE, LAKE CHAMPLAIN.

ASH AND BLOODY ISLAND LIGHTS.

Lat. 45° 1' 20" N. ; Long. 73° 25' 0" W.

Lat. 45° 1' 0" N. ; Long. 73° 24' 50" W.

(J. W. HAMMOND, *Keeper.*)

Ash and Bloody Island Range Lights are about three-quarters of a mile apart.

They are placed in range with the channel above the Islands, and the side lights are to show the channel past the west side of both Islands.

Ash Island Lighthouse is a square framed tower, with small dwelling attached, and painted white.

The lights are about 44 feet above water; the main one showing in the direction of the low lights on Bloody Island. The lights on Bloody Island are in a small white building, on a timber pier, about 14 feet above water; the main light shewing up stream in the direction of the channel. There are two flat-wick lamps and two reflectors in each building.