

PORTNEUF LIGHTHOUSE (BELOW QUEBEC), NORTH SHORE.

Lat. 48° 37' 0" N.; Long. 69° 6' 0" W.

(D. TREMBLAY, *Keeper.*)

A fixed white catoptric light; three No. 1 circular, and one mammoth flat-wick lamps. Iron lantern. Size of reflectors, one 18 x 6 inches, three 20 x 12 inches deep; size of glass, 28 x 36 x $\frac{3}{8}$ -inches; size of lantern, 7 feet 6 inches; size of gallery, 15 feet; size of base, 16 feet; height of tower, base to vane, 38 feet; height of tower, base to centre of lamp, 32 feet: consumes about 350 gallons of oil per season.

June 2nd.—Landed stores, inspected lights &c.; found all in good order, except the foundation of dwelling-house; the sand is washing away and it will require three or four logs round three sides, filled up with sand, to save the foundation. Told the keeper to find out the cost and report to Department.

Description of Lighthouse and Buildings at this Station.

The lighthouse and dwelling combined is a square wooden building, painted white, with a red roof.

There are also two other buildings, comprising one oil shed, built of wood, painted white; one store shed, built of wood, painted white.

BICQUET LIGHTHOUSE, AND FOG-GUN STATION, NEAR CENTRE OF THE ISLAND.

Lat. 48° 25' 18" N.; Long. 68° 53' 20" W.

(T. LEBEL, *Keeper.*)

A revolving white catoptric light every two minutes; twenty-one No. 1 flat-wick lamps. Iron lantern. Size of reflectors, 21 x 8 $\frac{1}{2}$ inches deep; size of glass, 30 x 27 $\frac{1}{2}$ x $\frac{3}{8}$ -inches; size of lantern, 13 feet; size of gallery, 23 feet; size of base, 22 feet; height of tower, base to vane, 74 feet; height of tower, base to centre of lamp, 64 feet: consumes about 900 gallons of oil per season.

May 30th.—Landed stores, inspected lights, revolving gear &c., and found all in good order. The fog-gun is fired every hour during fogs and snowstorms; it consumes about 1,800 lbs. of powder, with a proportionate number of cartridges and friction-tubes.

Description of Lighthouse and Buildings at this Station.

The lighthouse is a circular stone building, clapboarded and painted white.

There are also four other buildings, consisting of one dwelling-house, built of stone, painted white, with a red roof;

One powder magazine, built of stone, painted white, with a zinc roof;

One gun house, built of wood, painted white, with oil shed combined;

One store shed at the landing, built of wood, painted white.

The Government pays an annual rent of \$24 to Mr. W. D. Campbell, of Quebec, for the use of the land at this Station.