

SPECIAL REPORT.

SIR,—The keeper wants to have a gallery around the three sides of the dwelling and lighthouse, which has since been built. I examined the place, and find a gallery is very much needed, as it is dangerous at night without it. It will require to be on three sides—39 feet each side, and 27 feet at the end, with upright supports from the rock about 6 or 7 feet long.

I am, Sir,
Yours, &c.,

(Signed) WILLIAM BARBOUR,
Inspecting Engineer.

J. U. GREGORY, Esq., Agent,
Department of Marine and Fisheries, Quebec.

ST PAUL'S BAY LIGHTHOUSE, COUNTY OF CHARLEVOIX, NORTH SHORE, RIVER ST. LAWRENCE.

Lat. 47° 24' 45" N.; Long. 70° 29' 0" W.

(HILAIRE TREMBLAY, *Keeper.*)

The light was first put into operation on the 29th October, 1876, and is a fixed white catoptric light, elevated 36 feet above high-water mark, and should be seen 10 miles off in clear weather.

Three mammoth flat-wick lamps, lipped chimneys. Iron lantern. Size of reflectors, 17 x 6 inches deep; size of glass, 36 x 30 x $\frac{1}{2}$ inches; size of lantern, 5 feet 6 inches; size of gallery, 12 feet 6 inches; size of base, 15 feet 8 inches; height of tower from base to vane, 30 feet; height of tower from base to centre of lamp, 26 feet: consumes about 100 gallons of oil per season.

June 3rd.—Landed stores, inspected lights, &c., and found all in good order.

The tower is a square wooden building, 30 feet high from base to vane, with dwelling-house attached, the whole painted white. There is also an oil shed, painted red. All the buildings connected with this lighthouse are erected on the pier in the centre of the bay, used as a landing place.

There is a new store shed being built.

LOWER TRAVERSE LIGHTSHIP AND STEAM FOG-ALARM.

Lat. 47° 22' 10" N., 70° 14' 50" W.

(J. GOURDEAU, *Keeper.*)

Two fixed dioptric lights, one upon each mast. If, from any cause, the lightship moves from her station, one light only will be shown, and during the day a red ball will be shown from the mainmast. The steam fog-whistle is sounded during thick weather in fogs and snow storms, for 12 seconds in each minute, leaving an interval of 48 seconds between each blast.

The vessel is painted red, and has the words "Traverse Lightship" painted on both sides.