

SPECIAL REPORT.

QUEBEC, 7th December 1877.

SIR,—I have to-day, with Captain Gourdeau, examined carefully the hull, outside and inside, also engines and boilers of the Lower Traverse Lightship, now on Mr. Davies' patent slip, Point Lévis, and find that the following repairs will require to be done, while the vessel is on the slip, besides the regular outfit in the spring :—

Two sheets $\frac{3}{8}$ -inch boiler plate on each side of bow to prevent anchor chains chafing side ;

Rudder repaired and parts of bottom chipped and caulked ;

Hull to be scraped inside and out, and three coats of paint ;

Lamp guides on masts to be extra bolted ;

Four cast-iron stands for boat's davits ;

Steam dome scraped, painted and covered over with hair, felt and wood ;

Fore peak, caulking deck over store room ;

New bulkheads and lining in forecastle ;

Boiler to be lifted, and bottom chipped and caulked ;

Condenser, new tubes and repaired ;

Repairs to copper pipes ; one new steam gauge ;

Whistle bell repaired and fitted to spindle ;

Ship's sails overhauled and repaired ;

Cleaning tanks ;

Sand, cement, and labour ;

New rails for ship's side.

I am, Sir,

Yours, &c.,

(Signed) WILLIAM BARBOUR,
Inspecting Engineer.

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

The above repairs, as suggested by the Inspecting Engineer, were carried out this spring, and the vessel was put in first-class order on the opening of navigation.

UPPER TRAVERSE LIGHTSHIP, NORTH-WEST EDGE OF ST. ROCH'S SHOAL.

Lat. 47° 19' 50" N. ; Long. 70° 16' 0" W.

(M. DECHENE, *Keeper.*)

Two fixed dioptric lights ; one lantern eight feet above the other : consumes about 50 gallons of oil per season. Should the lightship be out of place, the light on the foremast is alone exhibited, and during the day the ball on the foremast head is taken down, and a bell is tolled during thick weather, fogs and snowstorms.

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

A new vessel has been built by the Department this spring, and is now on this Station.

STONE PILLARS LIGHTHOUSE, ON THE ISLAND.

Lat. 47° 12' 25" N. ; Long. 70° 21' 26" W.

(D. BABIN, *Keeper.*)

A revolving white catoptric light, every one and a half minute, fifteen No. 1 flat wick lamps, lipped chimneys. Iron lantern. Size of reflectors 21 x 9 inches deep ;