

## SPÉCIAL REPORT.

QUEBEC, 19th August, 1878.

SIR,—According to your orders I left Quebec on 3rd, July, on board the Dominion steamship "Napoleon III," with lighthouse supplies and provisions for the stations in the Gulf of St. Lawrence. I have inspected the lights, buildings, provision depôts, engines and boilers of the steam fog-whistles, and revolving gear of the lights; tested them and put all in first-class order.

I have taken the steam fog-whistle from Cape Ray, Newfoundland, over to Forteau Lighthouse, Straits of Belle Isle, and put it in operation there; also changed the fog-gun from Forteau to Greenly Island, Straits of Belle Isle, and put it in operation there.

The new revolving light on Greenly Island has also been put in operation and is in good working order.

I am, Sir,  
Yours, &c.,

(Signed) WILLIAM BARBOUR,  
*Inspecting Engineer.*

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

Statement shewing the present condition of Lighthouses, Provision Depôts, Fog-gun Stations, Buoys, Beacons and Steam Fog-Signals in the Gulf and River St. Lawrence from Belle Isle to Montreal Harbour, including the Islands of Anticosti and Magdalen, Baie des Chaleurs and River Richelieu, at the outlet of Lake Champlain.

Visit of the steamship "Napoleon III" with Light-house and other supplies for Stations below Quebec. Left Quebec May 28th, 1878, at 3 p.m., in place of "Druid" otherwise employed.

BELLE ISLE LIGHTHOUSE, NEWFOUNDLAND, STRAITS OF BELLE ISLE, PROVISION DEPÔT AND FOG-GUN STATION.

Lat. 51° 53' 0" N.; Long. 55° 22' 15" W.

(MARTIN COLTIN, *Keeper.*)

A first order dioptric fixed white light, five mammoth flat-wick burner lamps, lipped chimneys. Iron lantern. Size of glass, 24 x 28½, 23½ x 28½, 27 x 28½ x ¾-inch thick; size of lantern, 12 feet; size of gallery, 20 feet; size of base, 20 feet; height of tower, base to vane, 62 feet; height of tower, base to centre of lamp, 56 feet: consumes about 220 gallons of oil per season.

August 12th.—Arrived and landed stores; inspected the lights, fog-gun and provision depôt; found all in good order, with full supplies on hand; the fog-gun will require a new vent this fall.

The lighthouse and dwelling have been painted this spring, and the lantern repaired and put in good order.

The fog-gun is fired every hour during fogs and snow storms, and consumes about 2,000 lbs. of powder per season, together with a proportionate number of friction tubes and cartridges. A horse is furnished the keeper to draw supplies, water and fuel.