

wick lamp, unlippped chimney. Iron lantern. Size of reflectors 21 x 14 inches deep; size of glass 36 x 28 x $\frac{3}{8}$ inches; size of ruby glass, 22 x 22 $\frac{1}{2}$ inches; size of lantern, 7 feet 6 inches; size of gallery, 16 feet; size of base, 30 feet; height of tower, base to vane, 40 feet; height of tower, base to centre of lamp, 31 feet; consumes about 140 gallons of oil per season.

SPECIAL REPORT.

QUEBEC, 15th December, 1877.

SIR,—I had the alterations for spring, 1878, completed, but on examining it again, I found that the frame of the lamps was broken; had it taken down and sent to Quebec. I found the place in good order. The keeper reported his house very comfortable since the addition was built to it; he reported his stable required clapboarding badly, and as he could get it done for \$30, I ordered him to have it done.

I am, Sir,
Yours, &c.,

(Signed) WILLIAM BARBOUR,
Inspecting of Engineer.

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

May 31.—Landed stores, inspected lights, revolving gear, &c.; found all in good order. Keeper reported the chimney in bad order; as he could have necessary repairs done, I gave him orders to do them.

Description of Lighthouse and Buildings at this Station.

The lighthouse and dwelling-house combined is a square wooden building, painted white, with a red roof. In addition to it there is also one oil shed, built of wood and painted red. About an acre of land on which the lighthouse is built, was bought by the Department from Mr. J. H. Ferguson, of Metis, on the 8th April, 1876, for \$100.

MANICOUAGAN SHOAL LIGHTSHIP AND STEAM FOG-WHISTLE.

Lat. 49° 2' 0" N.; Long. 68° 15' 0" W.

(REGIS LEBLANC, *Keeper.*)

Moored in twenty-five fathoms of water; two dioptric white lights, on separate masts; one 27 feet, and the other 24 feet above the level of the deck.

The fog-whistle is sounded with a blast of eight seconds duration, and after an interval of eight seconds it is followed by another blast of eight seconds, which is succeeded by an interval of two minutes and twenty seconds. Should the vessel, from any cause, be off her station, this will be denoted, in the day time, by a ball at her foremast head, and at night by a globe lantern, so that in the latter case she may appear like an ordinary vessel at anchor.