

size of glass, 24 x 24 x $\frac{1}{4}$ inches ; size of lantern, 13 feet 9 inches ; size of gallery, 20 feet ; size of base, 18 feet ; height of tower from base to vane, 50 feet ; height of tower from base to centre of lamp, 43 feet : consumes about 500 gallons of oil per season.

May 29.—Landed stores, inspected lights, &c., revolving gear, found all in good order.

Description of Lighthouse and Buildings at this Station.

The lighthouse is a circular stone building, with a red roof.

There are also two other buildings, comprising :—

One dwelling house built of stone, painted white with a red roof.

One store shed, built of wood and painted white.

ALGERNON ROCK, REFLECTING TOWER, NEAR THE PILLARS.

The pier and reflecting tower on this rock were completed the fall of 1876, and have withstood the action of the ice, and proved of staunch construction.

The reflecting apparatus has not proved efficient, and is consequently not put in operation yet ; but the pier and tower being painted white, with broad black corners, have proved of good service in indicating the rock upon which they are built.

The pier has been injured by the action of ice and now requires strengthening.

CRANE ISLAND LIGHTHOUSE, ON THE ISLAND.

Lat. 47° 3' 30" N.; Long. 70° 32' 30" W.

(G. PAINCHAUD, *Keeper.*)

A fixed white catoptric light ; five mammoth flat-wick lamps, lipped chimneys. Iron lantern. Size of reflectors, 21 x 11 inches deep ; size of glass, 16 x 14 x $\frac{1}{4}$ inches ; size of lantern, 6 feet ; size of gallery, 12 feet ; size of base, 16 feet ; height of tower from base to vane, 42 feet ; height of tower from base to centre of lamp, 36 feet : consumes about 220 gallons of oil per season.

May 28.—Landed stores, examined lights, &c. ; found all in good order. The repairs to the pier last summer by this Department were first class. The keeper wants a larger window in the lower flat as the present one is too small.

Description of Lighthouse and Buildings at this Station.

The lighthouse and dwelling combined is built of wood, and painted white and situated on the pier.

There is also one oil shed, built of wood and painted white.

BELLECHASSE LIGHTHOUSE, SOUTH SHORE.

Lat. 46° 58' 0" N. ; Long. 70° 46' 0" W.

(E. THIVIERGE, *Keeper.*)

A fixed white catoptric light ; five mammoth flat-wick lamps, lipped chimneys ; size of reflectors, 21 x 11 inches deep ; size of glass, 16 x 4 $\frac{1}{2}$ x $\frac{1}{2}$ inches ; size of lantern, 6 feet ; size of gallery, 12 feet ; size of base, 15 feet 6 inches ; height of tower, base to vane, 40 feet ; height of tower base to centre of lamp, 34 feet : consumes about 180 gallons of oil per season.