

framework facing the channel is covered half-way down with white slats.

Also, that on the 23rd August, 1906, two white fixed catoptric lights were established on Monk Island (Île du Moine), which when in line bearing S. 82° E., lead in the centre of the ship channel from Light-buoy No. 136 L. to Nepigon Shoal Light-buoy No. 146 L.

The front light, elevated 43 feet above the Summer River level, and visible from a distance of 5 miles, is exhibited from a white square wooden building, surmounted by a square lantern with red roof, 21 feet in height, erected on a white concrete pier with sloping sides, 25 feet in height, situated at a distance of about 400 feet from the western shore of the island.

Approximate position, lat. 46° 4' N., long. 73° 1½' W.

The rear light, elevated 108 feet above the Summer River level, and visible from a distance of 5 miles, is exhibited from a brown square steel framework structure with sloping slides, surmounted by a white watch-room and an octagonal iron lantern with red roof, the whole structure 86 feet in height, erected on a white concrete pier with sloping sides, 19 feet in height, situated at a distance of 2½ cables, S. 82° E., from the front light. The side of the framework facing the channel is covered half-way down with white slats.

Also, that the red fixed leading lights for the Richelieu River, situated on the wharf at Sorel, are now exhibited from square steel framework towers with sloping sides, painted red, at an elevation of 43 and 59 feet respectively above the Summer River level. The lights should be visible from a distance of 1 mile.

Approximate position, lat. 46° 2½' N., long. 73° ¾' W.

[Variation 15° Westerly in 1906.]

This Notice affects the following Admiralty Charts:—Point du Lac to Lachine Rapids, No. 2830b; Stone Island to Lanoraie, No. 2784. Also, List of Lights, Part VIII, 1906, page 65, and Nos. 431, 432; and St. Lawrence Pilot, 1906, page 635.

#### No. 1177.—CANADA, RIVER ST. LAWRENCE,—QUEBEC AND MONTREAL SHIP CHANNEL.

##### *Stone Island to Sorel—Buoyage Amended.*

The Government of the Dominion of Canada has given notice, dated 24th August, 1906, that the dredging of the ship channel between Stone Island (Île à la Pierre), and Sorel having been completed to a depth of 30 feet at River Summer level with a width of 450 feet, the buoyage of this channel has been amended, as follows:—

a. The Black Wooden Spar Buoy No. 123 L., moored off Pointe aux Soldats, has been replaced by a black steel spar light-buoy, showing a white occulting light at an elevation of 13 feet above the river. It is situated at a distance of 175 feet N. 66° E. from the position of the former buoy, with Pointe aux Soldats bearing S. 7° E., distant half a cable.

Approximate position, lat. 46° 5½' N., long. 73° 0¼' W.

b. The Red Spar Buoy No. 132 L., moored off the south-east point of Île de Grace, has been re-numbered 130 L., and moved 2½ cables, N. 68° E., from its former position; it is now

situated with Île de Grace rear leading light bearing S. 81° W., distant 4¼ cables.

c. Red Spar Buoy No. 134 L., situated at a distance of 2¼ cables, S. 45° W., from Île de Grace rear leading light, has been discontinued.

d. Red Spar Buoy No. 136 L. has been replaced by a red steel spar light-buoy, showing a white occulting light at an elevation of 13 feet above the river. It is situated at a distance of 2¾ cables, N. 75° E., from the position of the former buoy, with Île de Grace rear leading light bearing N. 70° E., distant 4¾ cables.

Approximate position, Île de Grace rear leading light, lat. 46° 4¼' N., long. 73° 2½' W.

e. Black Spar Buoy No. 139 L. has been moved 4 cables, S. 74° E., from its former position, and is now situated with Ste. Anne de Sorel Church bearing S. 23° W., distant 5½ cables.

f. Black Spar Buoy No. 141 L., has been moved 3¾ cables, S. 73° E., from its former position, and is now situated with Ste. Anne de Sorel Church bearing S. 28° E., distant 6½ cables.

g. Nepigon Shoal Red Spar Buoy No. 146 L. has been replaced by a red steel spar light-buoy, showing a white occulting light at an elevation of 13 feet above the water. It is situated at a distance of half a cable, S. 21° E., from the position of the former buoy, with Ste. Anne de Sorel Church bearing S. 53° E., distant 11½ cables.

Approximate position, Ste. Anne de Sorel Church, lat. 46° 3¼' N., long. 73° 4' W.

[Variation 15° Westerly in 1906.]

This Notice affects the following Admiralty Charts:—Point du Lac to Lachine Rapids, No. 2830b; Stone Island to Lanoraie, No. 2784. Also, St. Lawrence Pilot, 1906, page 635.

#### No. 1178.—CANADA, RIVER ST. LAWRENCE —QUEBEC AND MONTREAL SHIP CHANNEL.

##### *Cape Madeleine, Lower Leading Lights; New Towers Built; Amended Details.*

The Government of the Dominion of Canada has given notice, dated 5th September, 1906, that new towers have been built for the Cape Madeleine lower leading lights, and that the old lighthouses have been removed.

The front light is a catoptric white fixed light, elevated 51 feet above the Summer River level, and should be visible from a distance of 7 miles. It is exhibited from a white square wooden building with sloping sides, surmounted by an octagonal wooden lantern with red roof, 30 feet in height, erected 400 feet from the shore, at a distance of 250 feet N. 83° W. from the site of the old front lighthouse.

Approximate position, lat. 46° 23½' N., long. 72° 27¼' W.

The rear light is a catoptric white fixed light, elevated 108 feet above the Summer River level and should be visible from a distance of 7 miles. It is exhibited from a square steel framework structure with sloping sides, painted brown, surmounted by a white watch-room and square wooden lantern with red roof, the whole structure, 87 feet in height, erected at a distance of 4½ cables N. 59° E. from the front lighthouse. The side of the framework facing the Channel is covered half-way down with white wooden slats.