

Department between Sorel and Longue Pointe is 450 ft. wide, with a greater width at curves, and is 30 ft. deep.

The investigation into the circumstances attending the loss of the Richelieu and Ontario Navigation Co.'s str. Canada after collision with the Cape Breton, a steamer belonging to the Dominion Coal Co., in June, has been completed, but the findings of the court have not been made public.

A hydrographic survey of Lake St. Francis is being gone on with under the charge of an engineer of the Marine Department. The work is being done from Cornwall easterly, and will occupy some months. This survey will fit into that recently completed by U.S. engineers of the portion of the river and lake south of the International boundary.

The difficulties between Gagnon Bros., Quebec, and the Richelieu and Ontario Navigation Co. regarding the raising of the Canada, sunk off Sorel, have been settled, and all legal proceedings have been withdrawn. The R. and O.N. Co. will complete the work of raising the steamer, using the tackle and appliances at the wreck owned by Gagnon Bros.

Press reports are current that a new company, composed of U.S. capitalists, proposes to put a line of steamers on the St. Lawrence and Lake Ontario to compete with the Richelieu and Ontario Navigation Co. It was stated that Gagnon Bros., Quebec, were interested in the project, but on being interviewed, they stated that nothing definite had been decided in regard to the proposed line.

Ontario and the Great Lakes.

Thos. Head, a retired lake mariner, died at Windsor, Ont., Sept. 8, aged 77.

The steam barge Abercorn of Cleveland, Ohio, was damaged to the extent of \$4,000 by fire at Goderich, Ont., Sept. 5.

A new storm signal will be built at the eastern gap, Toronto, for the opening of the season of 1905, by the Department of Marine.

The schooner Singapore was wrecked just outside Kincardine harbor, Ont., Sept. 15, while on a trip from Tobermory, Ont., with lumber.

The Canadian str. Arabian, having refused to pay an inspection fee of \$100 at Chicago,

Ill., has been forbidden to carry passengers from that port.

The water level of Lake Ontario in Sept. showed a height of 26½ inches above the zero mark, 13 inches higher than in 1903. In Sept., 1894, the water level was 14 in. below zero.

Tenders will shortly be asked for the construction of a second lift lock on the Trent Valley Canal similar to that recently opened at Peterborough, Ont. The new lock will have a lift of 52 ft.

The Dominion Government has erected public docks and pavilions at Redhorse light, Gordon Island and Red Deer Island, and is erecting similar docks at other points in the Thousand Islands.

A new shoal has been discovered midway between the Middle Ground and Pelee Island lights, at the west end of Lake Erie. It is 100 ft. in diameter on the 18 ft. contour, with a minimum depth of 17.3 ft.

It is announced that the Detroit and Cleveland Navigation Co. propose to build a turbine steamer for its line at a cost of \$500,000. The directors of the company recently inspected the Turbinia at Toronto.

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