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### QUEBEC HARBOUR IMPROVEMENTS.

The works under construction consist of an embankment 300 feet in width, extending from the ballast wharf near the Custom House to the Gas Wharf, north of St. Paul Street. Likewise a ship channel 150 feet wide with a revetment wall on a concrete foundation extending a length of 3,500 feet. These works form part of the tidal harbour and dock. The dimensions reported are, wet dock forty acres area, tidal harbour 20 acres area.

The Commissioners have determined to make use of stone above low water mark for the quay walls. About 1240 feet have been brought to tidal level and 150 feet to coping level.

The piling and sinking of rear crib work of the foundation of the Wet Dock section has been commenced.

Piling has been carried to the extent of 1500 feet. The Commissioners express themselves satisfied with the progress made. (Appendix 9, page 48.)

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### REMOVAL OF ANCHORS AND CHAINS, HARBOUR OF QUEBEC.

In the Session of 1873, Parliament voted the sum of \$15,000 for the removal of obstructions to navigation.

In the following Session, 1874, Act 37 Vict., cap. 29, was passed, authorizing the Minister of Marine and Fisheries to remove all obstructions by wreck or like cause in navigable waters, and a further appropriation of \$10,000 was made.

On the 29th May, 1874, the Department authorized the Quebec Harbour Commissioners to expend \$25,000 for the construction of a Lifting Barge, and on the 29th October, 1874, the Commissioners passed a contract with Messrs. F. Martineau and Gingras for its construction.

On the 16th August an Order in Council was passed authorizing the removal of the obstructions in the Harbour of Quebec, and giving power, for the sale of the property recovered, and for the application of the proceeds towards the cost of the improvement.

The Barge commenced its operations in 1875, and has been engaged from year to year to the present date in removing anchors, chains, and other obstructions in the Harbour of Quebec. During the past year, the "L'Original" wreck has been removed and the navigation of the inside channel of the "Fly Bank" improved. A nest of anchors and 98 fathoms of chain was lifted.