

7.—Dimensions of Graving Docks Owned by the Federal Government

Location	Length	Width at—			Depth of Water on Sill	Rise of Tide	
		Coping	Bottom	Entrance		Spring	Neap
	ft.	ft.	ft.	ft.	ft.	ft.	ft.
Lauzon, Que., <i>Champlain</i>	1,150-0	120-0	105-0	120-0	40-0 H.W.	18	13-3
Lauzon, Que., <i>Lorne</i>	600-3	100-0	59-5	62-0	25-7 H.W.	18	13-3
Esquimalt, B.C. (old dock).....	450-8 ¹	90-0	41-0	65-0	28-8 H.W. ²	7 to 10	3 to 8
Esquimalt, B.C.....	1,173-8	149-0	126-0	135-0	40-0 H.W.	7 to 10	3 to 8
Kingston, Ont.....	353-5	55-0	47-0	55-0	16-8½ L.W.	—	—

¹ Face of caisson to vertical face at head, 481-0 ft.; length of pad on which keel blocks rest, 403-5 ft. ² Over keel blocks at H.W. 10 ft., tide 26-1 ft.

8.—Dimensions and Cost of Graving Docks Subsidized under the Dry Docks Subsidies Act 1910

Location	Length	Width	Depth Over Sill	Total Cost	Subsidy
	ft.	ft.	ft.	\$	
Collingwood No. 1, Ont.....	518-3	59-8	15-5	500,000	3 p.c. for 20 years ¹
Collingwood No. 2, Ont.....	412-0	95-0	16-0	306,965	3 p.c. for 20 years ¹
Port Arthur, Ont.....	701-0	77-5	16-2	1,258,050	3 p.c. for 20 years ¹
Montreal, Que. (floating dock), <i>Duke of Connaught</i>	601-0	98-0	38-0	3,000,000	3½ p.c. for 35 years ¹
Prince Rupert, B.C. (floating dock).....	604-0	100-0	28-0 ²	2,199,168	3½ p.c. for 35 years ¹
Saint John, N.B.....	1,157-8	131-5	40-3	5,500,000	4½ p.c. for 35 years
North Vancouver, B.C. (floating dock).....	556-5	98-0	34-5 ²	2,500,000	4½ p.c. for 35 years

¹ Subsidy payments have been completed.

² 28 ft. over blocks.

³ Over sill (H.W.).

Subsection 3.—Canals*

The canals and canalized waters of Canada, under the jurisdiction of the Department of Transport, comprise a series of waterways providing navigation for 1,875 miles inland from salt water. The canals may be divided into two classes: (1) the main or primary canals on the St. Lawrence River and the Great Lakes, including the Lachine, Soulanges, Cornwall and Williamsburg Canals on the St. Lawrence River, the Welland Ship Canal between Lakes Ontario and Erie, and the Sault Ste. Marie Canal between Lakes Huron and Superior; and (2) subsidiary or secondary canals including the St. Peters Canal between Bras d'Or Lake, Cape Breton and the Atlantic Ocean, the St. Ours and Chambly Canals on the Richelieu River, the Ste. Anne, Carillon and Grenville Canals on the Ottawa River, the Rideau Canal between the Ottawa River and Lake Ontario and the Trent and Murray Canals between Lake Ontario and Georgian Bay.

During 1954, 30,070,701 tons of freight and 25,292 vessels passed through the canals as compared with 33,373,064 tons of freight and 27,563 vessels during the peak year 1953. In addition to freight and passenger vessels, thousands of pleasure craft are locked through the canals. Vessels locking at Sault Ste. Marie during 1954 carried 115,014 passengers as compared with 105,366 in 1953.

* A special article on the Canals of the St. Lawrence Waterway appears in the 1954 Year Book, pp. 830-833.