

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 included under the two classifications—main or primary canals and subsidiary or secondary canals—are listed in Table 9 with their locations, lengths and lock complement. In addition to these, the federal Department of Public Works administers the St. Andrews Lock (length, width and draught, respectively, 215, 45 and 17 feet) on the Red River at Selkirk, Man., and the lock at Poupore, Que. A few small locks are operated by provincial authorities.

During 1956, 40,016,565 tons of freight and 32,865 vessels passed through the canals as compared with 34,874,198 tons of freight and 28,172 vessels during 1955. In addition to freight and passenger vessels, thousands of pleasure craft are locked through the canals. Vessels locking at Sault Ste. Marie during 1956 carried 121,151 passengers as compared with 178,006 in 1955.

Revenue from canals during the year ended Mar. 31, 1957, amounted to \$1,790,202 of which \$1,349,989 was derived from rentals for hydraulic and land privileges and wharfage. In the previous fiscal year the total revenue was \$2,163,611 with rentals and wharfage amounting to \$1,330,797.

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

9.—Lengths of Channels and Dimensions of Locks under the Control of the Department of Transport as at July 1, 1957

Name	Location	Length of Channel	Locks			
			No.	Minimum Dimensions		
				Length	Width	Depth
		miles	ft.	ft.	ft.	
Main Route Canals						
St. Lawrence and Great Lakes—						
Lachine.....	Montreal to Lachine.....	8 74	5	270	45	14
Soulanges.....	Cascades Point to Coteau Landing.....	14.67	5	280	46	14
Cornwall.....	Cornwall to Dickinson Landing.....	11.00	6	270	43 67	14
Farran's Point.....	Farran's Point Rapids.....	1.28	1	800	50	16
Rapide Plat.....	Rapide Plat, Morrisburg.....	3.89	2	270	45	14
Galop.....	Iroquois to Cardinal.....	7.36	3	270	45	14
Welland Ship.....	Port Weller, Lake Ontario, to Port Colborne, Lake Erie.....	27.60	8	859	80	23.5
Sault Ste. Marie.....	St. Mary's Rapids, Sault Ste. Marie.....	1.38	1	900	60	18.25
Subsidiary Canals or Branches						
Canso Canal.....	Canso Causeway, N.S.....	0.70	1	820	80	28
Atlantic Ocean to Bras d'Or Lakes—						
St. Peters.....	St. Peters Bay to Bras d'Or Lakes, Cape Breton, N.S.....	0.50	1	300	47.4	17
Richelieu River—						
St. Ours.....	St. Ours, Que.....	0.12	1	339	45	12
Chambly.....	Chambly to St. Johns, Que.....	11.78	9	120.5	23.25	6.5
Ottawa and Rideau Rivers—						
Ste. Anne.....	Junction of St. Lawrence and Ottawa Rivers.....	0.12	1	200	45	9
Carillon.....	Carillon Rapids, Ottawa River.....	0.94	2	200	45	9
Grenville.....	Long Sault Rapids, Ottawa River.....	5.94	5	200	45	9
Rideau.....	Ottawa to Kingston.....	123.53	47	134	33	5.5
	Rideau Lake to Perth (Tay Branch)....	6.82	2	134	33	5.5