

River, the St. 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.

Tonnage passing through this transportation system shows its importance as a highway of commerce: during 1953, 33,373,064 tons of freight passed through, surpassing the peak reached in 1952 when freight traffic amounted to 31,354,139 tons, and comparing with 24,636,462 tons in 1938. In 1953, 27,563 vessels passed through the canals compared with 26,322 in 1952.

In addition to freight and passenger vessels, there are thousands of pleasure craft locked through the canals. The number of passengers on vessels locking at Sault Ste. Marie was 105,366 in 1953 as compared with 97,452 in 1952.

Revenue from canals during the year ended Mar. 31, 1954, amounted to \$1,594,891, of which \$1,237,648 was derived from rentals for hydraulic and land privileges and wharfage. In the previous fiscal year, the total revenue was \$1,532,210, with rentals and wharfage amounting to \$1,196,106.

The names of the various canals along these routes, their locations and lengths, together with the numbers and dimensions of the locks thereon and other information may be found in the Department of Transport Bulletin, *Canals of Canada*. A special article on the "Canals of the St. Lawrence Waterway" appears in the 1954 Year Book, pp. 830-833.

Under the jurisdiction of the Federal Department of Public Works are the St. Andrews Lock (length, width and draught, respectively, 215, 45 and 17 ft.) at Selkirk, Man., on the Red River, and the lock at Poupore, Que. There are also a few small isolated locks, each controlled under the authority of the province in which it is situated.

9.—Lengths of Channels and Dimensions of Locks under the Control of the Department of Transport, as at Dec. 31, 1953

| Name | Location | Length of Channel | Locks | | | |
|--------------------|---|-------------------|-------|--------------------|-------|-----------------|
| | | | No. | Minimum Dimensions | | |
| | | | | Length | Width | Depth |
| | | miles | | ft. | ft. | ft. |
| St. Lawrence— | | | | | | |
| Lachine..... | Montreal to Lachine..... | 8.74 | 5 | 270 | 45 | 14 ¹ |
| Soulanges..... | Cascades Point to Coteau Landing..... | 14.67 | 5 | 280 | 46 | 15 ¹ |
| Cornwall..... | Cornwall to Dickinson Landing..... | 11.00 | 6 | 270 | 43-67 | 14 ¹ |
| Farran Point..... | Farran Point Rapids..... | 1.28 | 1 | 800 | 50 | 16 ¹ |
| Rapide Plat..... | Morrisburg..... | 3.89 | 2 | 270 | 45 | 14 ¹ |
| Galop..... | Iroquois to Cardinal..... | 7.36 | 3 | 270 | 45 | 14 ¹ |
| Welland Ship..... | Port Weller, Lake Ontario, to Port Colborne, Lake Erie..... | 27.60 | 8 | 859 | 80 | 30 ² |
| Sault Ste. Marie.. | Sault Ste. Marie, Ont..... | 1.38 | 1 | 900 | 60 | 18-25 |
| 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 River— | | | | | | |
| St. 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 |

For footnotes, see end of table, p 877.