

6.—Lengths of Channels and Dimensions of Locks under the Control of the St. Lawrence Seaway Authority or the Department of Transport

| Name | Location | Length of Channel miles | Locks | | | |
|---------------------------------------|---|----------------------------|-------|--------------------|--------------|------------------|
| | | | No. | Minimum Dimensions | | |
| | | | | Length ft. | Width ft. | Depth ft. |
| Seaway Canals¹ | | | | | | |
| Main Route— | | | | | | |
| South Shore..... | Montreal to Caughnawaga..... | 20 | 2 | 766 | 80 | 30 |
| Beauharnois..... | Melocheville to Lake St. Francis..... | 15 | 2 | 766 | 80 | 30 |
| Iroquois..... | Iroquois Point..... | 1 | 1 | 766 | 80 | 30 |
| Welland..... | Port Weller, Lake Ontario, to Port Colborne, Lake Erie..... | 27.60 | 8 | 859 | 80 | 30 |
| Non-toll— | | | | | | |
| Lachine..... | Montreal to Lachine..... | 8.74 | 5 | 270 | 45 | 14 |
| Cornwall (not through canal)..... | Cornwall to closure dyke..... | 3.50 | 4 | 270 | 43.67 | 14 |
| Sault Ste. Marie..... | St. Mary's Rapids, Sault Ste. Marie..... | 1.38 | 1 | 900 | 60 | 18.25 |
| Department of Transport Canals | | | | | | |
| Atlantic Area— | | | | | | |
| Canso Canal..... | Canso Causeway, N.S..... | 0.78 | 1 | 320 | 80 | 32 |
| St. Peter's..... | St. Peter's 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. Jean, Que..... | 11.76 | 9 | 125.11 | 23.3 | 6.5 |
| Ottawa and Rideau Rivers— | | | | | | |
| St. Anne..... | Junction of St. Lawrence and Ottawa Rivers..... | 0.62 | 1 | 200 | 45 | 9 |
| Carillon..... | Carillon Rapids, Ottawa River..... | 0.50 | 1 | 200 | 45 | 9 |
| Rideau..... | Ottawa to Kingston..... | 123.53 | 47 | 134 | 33 | 5.5 |
| | Rideau Lake to Perth (Tay Branch)..... | 6.12 | 2 | 134 | 33 | 5.5 |
| Lake Ontario to Georgian Bay— | | | | | | |
| Trent..... | Trenton to Peterborough lock, Peterborough..... | 88.74 | 18 | 175 | 33 | 8 ² |
| | Peterborough lock to Swift Rapids..... | 135.71 | 24 | 134 | 33 | 6 |
| | Swift Rapids to Big Chute..... | 8.00 | — | — | — | 4 |
| | Big Chute to Port Severn..... | 8.11 | 1 | 100 | 25 | 6 |
| | Sturgeon Lake to Lindsay (Scugog Branch)..... | 10.00 | 1 | 142 | 33 | 6 |
| | Lindsay to Port Perry (Scugog Branch)..... | 25.00 | — | — | — | 4.5 |
| Murray..... | Isthmus of Murray, Bay of Quinte..... | 7.53 | — | — | — | 8.5 ³ |

¹ Minimum depth of Seaway canals is 27 feet and minimum width 200 feet. Wiley-Dondero canal and two locks near Massena, N. Y., are in United States territory; dimensions are approximately the same as those of Canadian facilities. ² Notice must be given by vessels of more than six-foot draught. ³ With Lake Ontario at elevation of 243 feet.

7.—Traffic through Canadian Canals, by Nationality of Vessel, Navigation Seasons 1954-63

NOTE.—Figures include duplications where vessels pass through two or more canals. Figures from 1886 are given in the corresponding table of previous Year Books beginning with the 1902 edition.

| Navigation Season | Canadian | | United States | | United Kingdom | | Other | |
|-------------------|----------|--------------------|---------------|--------------------|----------------|--------------------|---------|--------------------|
| | Vessels | Registered Tonnage | Vessels | Registered Tonnage | Vessels | Registered Tonnage | Vessels | Registered Tonnage |
| | No. | No. | No. | No. | No. | No. | No. | No. |
| 1954..... | 21,066 | 25,303,262 | 3,145 | 3,245,555 | 1 | 1 | 1,081 | 893,778 |
| 1955..... | 22,758 | 27,709,232 | 3,950 | 3,798,290 | 200 | 132,858 | 1,264 | 1,044,774 |
| 1956..... | 27,473 | 31,019,138 | 3,776 | 3,675,511 | 267 | 186,978 | 1,349 | 1,141,259 |
| 1957..... | 24,191 | 27,726,358 | 3,324 | 3,802,909 | 332 | 221,254 | 1,589 | 1,364,205 |
| 1958..... | 21,763 | 26,635,559 | 3,216 | 3,029,624 | 302 | 193,926 | 2,170 | 1,793,309 |
| 1959..... | 21,363 | 28,706,462 | 4,819 | 4,233,936 | 1,125 | 3,130,140 | 3,252 | 7,321,449 |
| 1960..... | 19,816 | 28,963,294 | 5,046 | 3,660,931 | 1,303 | 3,971,687 | 3,464 | 9,455,739 |
| 1961..... | 17,332 | 32,531,266 | 3,307 | 2,515,262 | 1,845 | 6,294,753 | 3,496 | 10,065,901 |
| 1962..... | 13,836 | 31,677,612 | 3,524 | 4,045,470 | 1,938 | 6,769,909 | 3,538 | 11,017,809 |
| 1963..... | 13,821 | 38,040,238 | 3,106 | 4,016,111 | 1,637 | 6,932,454 | 3,247 | 10,248,060 |

¹ Included with Canadian vessels.