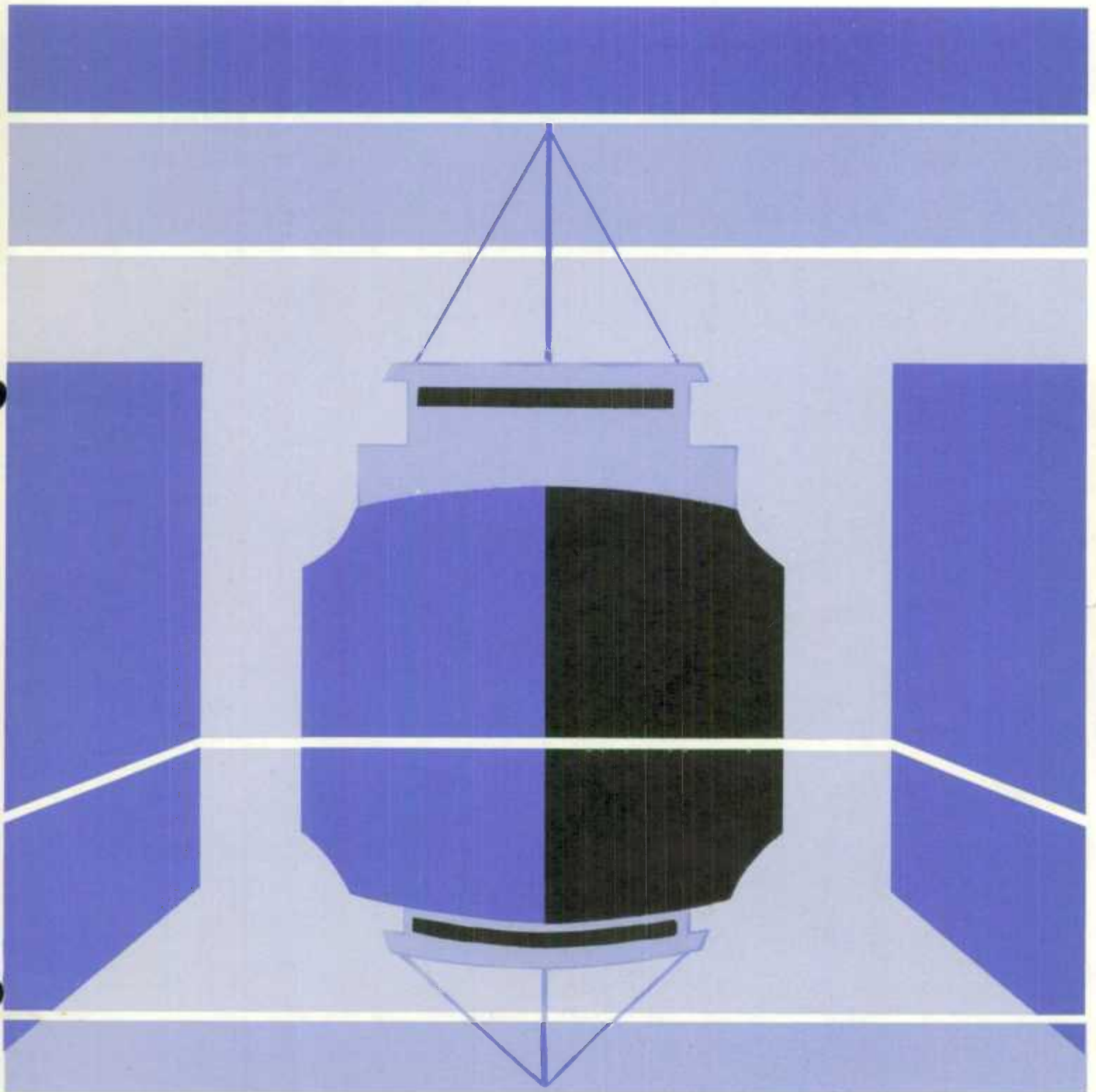


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Canal statistics 1969



DOMINION BUREAU OF STATISTICS

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DOMINION BUREAU OF STATISTICS
Transportation and Public Utilities Division
Transportation Section

CANAL STATISTICS

1969

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 Transportation and Public Utilities Division
 dealing with
WATER TRANSPORT

Catalogue number	Title
Periodical	
54-001	Summary of Canal Statistics, Monthly – April to December. Vessel passages, registered net tonnage, and tonnage of freight for all canals; tonnages of freight transported through the St. Lawrence Canals and Welland Canal, by commodity, by direction, and by type of cargo; tonnages of freight transported through the Sault Ste. Marie Canals by commodity and by direction. December monthly includes a brief summary for the season of navigation
54-002	Shipping Statistics, Monthly. Cargoes loaded and unloaded, by selected commodities and geographic area; number and registered net tonnage of vessels arrived and departed; cargoes loaded and unloaded at selected ports, by selected commodities
Annual	
54-201	Canal Statistics. Location and description of all canals; historical summary; traffic, by kind of vessel, by registry of vessel, by length of vessel; number and tonnage of vessels, by direction, by origin and destination; number and tonnage of vessels, by registry and rig, by kind and length, by kind and draft; cargo tons, by direction, by country of origin and destination; cargo tons, by direction, by registry of vessel; cargo tons, by kind, by gross tonnage, and by number of vessels; commodities, by direction, by country of origin and destination; freight charges for wheat, barley, oats, flax, and rye
54-202	Shipping Report: Part I, International Seaborne Shipping (by Country). Cargoes loaded and unloaded, by country of origin or destination, by commodity, by registry of vessel, and by geographic area; cargoes loaded and unloaded, by commodity and geographic area; number and registered net tonnage of, and tons of cargo carried by, vessels arrived and departed, by registry of vessel and geographic area
54-203	Shipping Report: Part II, International Seaborne Shipping (by Port). Cargoes loaded and unloaded, by port and commodity; number and registered net tonnage of vessels departed, by province and size of vessel, and by rig; number and registered net tonnage of vessel arrived and departed with cargo or in ballast, by port; shipping between Great Lakes ports and foreign countries via the St. Lawrence River: number and gross tonnage of tugs departed, by port
54-204	Shipping Report: Part III, Coastwise Shipping. Cargoes loaded and unloaded, by port and commodity; cargoes loaded and unloaded, by commodity and geographic area; number and registered net tonnage of vessels arrived and departed with cargo or in ballast, by port; number and registered net tonnage of vessels departed, by province and size of vessel, and by rig; number and gross tonnage of tugs departed, by port; tonnage of cargo unloaded in inter- and intra-provincial trade, by province; cargo loaded and unloaded by vessels of foreign registry, with number of vessels and registered net tonnage
54-206	Shipping Report: Part IV, Origin and Destination for Selected Ports Cargoes loaded and unloaded at Halifax, Saint John, Montreal, Quebec, Hamilton, Port Arthur-Fort William, Toronto and Vancouver, by country or port of origin or destination, and by commodity. Note: Similar data, available on request, have been tabulated for Corner Brook, Nfld.; Hantsport and Sydney, N.S.; Baie Comeau, Port Alfred, Port Cartier, Sept Îles – Pointe Noire, Sorel, and Trois Rivières, P.Q.; Port Colborne, Sarnia, Sault Ste. Marie, and Windsor, Ont.; Nanaimo, New Westminster, Powell River and Victoria, B.C.; corresponding information for all other Canadian ports can be tabulated upon request
54-207	Shipping Report: Part V, Origin and Destination for Selected Commodities. Tonnage of wheat, other grain, pulpwood, iron ore, bituminous coal, gypsum, newsprint and fuel oil, loaded and unloaded, by country or port of origin or destination
54-208	Shipping Report: Part VI, Commodity Flow Charts for Selected Commodities. Charts illustrating the movements of wheat, other grain, pulpwood, iron ore, bituminous coal, gypsum, newsprint and fuel oil, loaded and unloaded, in International Seaborne and Coastwise Shipping
54-205	Water Transportation. Statistics on the for-hire water transportation industry – number of vessels, number and salaries and wages of employees, revenue and expense, quantity and cost of fuel and lubricating oils consumed, property, number of deaths or injuries caused by accidents, number and value of ships destroyed or lost at sea, for operators of owned and/or chartered vessels, by revenue class and by division; number of vessels, property, revenue and expense, for owners of vessels chartered bareboat to others

In addition to the selected publications listed above, the Dominion Bureau of Statistics publishes a wide range of statistical reports on Canadian economic and social affairs. A comprehensive catalogue of all current publications is available free on request from the Dominion Bureau of Statistics, Ottawa 3.

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SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- p preliminary figures.
- r revised figures.

INTRODUCTION

This publication contains statistics on vessel movements through the canal systems of Canada.

Source

Traffic statistics presented in this publication are collected with the co-operation of the St. Lawrence Seaway Authority, the Department of Transport, and the Department of Public Works.

For each one-way or partial passage through the St. Lawrence Seaway canals, vessel operators are required to submit two copies of a "Transit Declaration Form" to the St. Lawrence Seaway Authority, which retains one copy for its own use, and forwards the second to the Dominion Bureau of Statistics. Similarly, for passages through the other canals, "Ship's Report - Canals" are completed, and a copy is submitted to the Bureau.

Of the eleven canal systems included in this publication, three comprise the St. Lawrence Seaway - the deep waterway extending over 2,300 miles from the Atlantic Ocean to Lake Superior. The Canadian portion, consisting of three sections - the St. Lawrence Canals (the South Shore, Beauharnois, Iroquois, and Lachine Canals), the Welland Canal, and the Sault Ste. Marie Canal - is under the jurisdiction of the St. Lawrence Seaway Authority for operation and maintenance. Seven systems - the St. Peter's Canal, the Canso Canal, the Richelieu River Canals, the Ottawa River Canals, the Rideau Canal, the Murray Canal and the Trent Canal - are the responsibility of the Department of Transport, while the St. Andrew's Canal is operated and maintained by the Department of Public Works.

Grain freight rates from Port Arthur-Fort William are obtained from the Board of Grain Commissioners for Canada, while other rates are derived from a survey of carriers.

Treatment of Data

Commodities shipped through the canal systems are grouped into 220 commodity classes which are based on the "Standard Commodity Classification Manual" published by the Dominion Bureau of Statistics; this adapted classification comprises Appendix C, which should be referred to for complete description of those commodities whose names have been necessarily abbreviated in the tables.

Because the one Canadian lock, which constitutes the Sault Ste. Marie Canal section of the Seaway, is narrower, shallower and shorter than the American locks, almost all of the tonnage is transported through the latter system. For this reason, coverage includes a table based on traffic through both lock systems; commodities are grouped according to the United States "Commodity Classification for Shipping Statistics", and the operating details are obtained from U.S. Army Corps of Engineers.

Among the definitions and concepts behind this report are the following:

A tug and towed barges comprise one unit in vessel compilations; small pleasure craft lockages have not been counted in these tables.

Unless otherwise noted, non-toll traffic through the Cornwall and Lachine Canal is excluded in the tables for the St. Lawrence Canals.

"Domestic package freight" consists of packaged unidentifiable commodities, which are transported between points in Canada.

A vessel is classed as being "in ballast" if it is carrying no cargo when it travels through a canal system.

For this publication's purposes, the St. Lawrence River is considered to extend to the western tip of Anticosti Island.

Cargo tonnage is presented in units of 2,000 pounds.

The direction "downbound" corresponds generally with the direction of water flow; for the Seaway Canals then, downbound would be from the Great Lakes east to Montreal. For the secondary canals, this direction is:

St. Peter's Canal: from the Bras d'Or Lakes to St. Peter's Bay;

Canso Canal: from George Bay to Port Hastings;

Richelieu River Canals: from St. Jean to St. Ours;

Ottawa River Canals: from Grenville to Ste-Anne;

Rideau Canal: from Kingston to Ottawa;

Murray Canal: from Lake Ontario to Bay of Quinte (if a vessel has proceeded from the Trent Canal, however, downbound is from the Bay of Quinte to Lake Ontario);

Trent Canal: from Lake Huron to Lake Ontario; and

St. Andrew's Canal: from Winnipeg to Lake Winnipeg.

"Bulk" commodities are those which are assessed for Seaway tolls at a bulk cargo rate, and consist of goods that are loose or in a mass, generally being shovelled, pumped, blown, scooped or forked in their handling. All grains, cement, coke, petroleum, liquids carried in tanks, ores and minerals, pig iron, scrap iron and steel, pulpwood, poles and logs, raw sugar, wood pulp, and "domestic package freight" are assessed at this rate. "General" commodities are goods not included in the above definition.

In this publication traffic is counted each time a vessel passes through a canal; Table 6, however, contains data excluding these duplications.

ANALYSIS OF DATA

Throughout 1969, the Canadian canal systems handled vessels transporting 97,357,234 tons of cargo. This volume was a 10.1 per cent reduction from the previous year when 108,274,370 tons were reported, and 1.4 per cent under 1967 levels of 98,773,574 tons. This year's experience was largely attributable to a series of strikes halting Labrador iron ore mining from May to September, strike settlements being reached at various dates. The all-time Canadian canal record stands at 110,702,534 cargo tons for 1966.

A primary purpose of Canadian canals is to provide a means of low cost transport for a variety of raw materials and agricultural products. Shippers and producers have utilized these systems extensively for such transportation. Crude materials, particularly iron ore and coal, made up 50.2 million tons or 51.6 per cent of all cargo in 1969, while agricultural products comprised 24.1 million tons or 24.8 per cent; the proportions in 1968 were 53.9 per cent and 24.1 per cent respectively and 53.3 and 27.8 per cent in 1967. The variations for agricultural products were a direct consequence of fluctuations in foreign demand for North American grains. Prominent among the other cargo types through these systems were petroleum and steel products.

The movement of this volume entailed 19,710 vessel transits, down almost 4.0 per cent from the 20,378 craft in 1968. The average cargo per transit was 4,940 tons in 1969 and 5,313 tons in 1968. Vessel registered net tonnage fell to 74,607,286 from 79,385,174 in 1968, while the average per transit in the two years stood at 3,785 and 3,896 registered net tons respectively.

Canadian vessels constituted roughly two thirds of both numbers and cargo tonnage in the two periods.

An appreciable number of vessels travelled through more than one canal of the Seaway system with a particular cargo. Freight counted once through the Seaway totalled 61,960,235 tons during 1969; for the 1968 season this volume was scaled at 67,301,161 tons, and 61,826,193 tons for 1967.

The St. Lawrence Canals

Over a distance of 182 miles the five Canadian and the two American locks of the Seaway's Montreal-Lake Ontario section overcome a difference of 225 feet in river level. This section marked its tenth anniversary of opening in a special ceremony attended by the Prime Minister of Canada and the President of the United States at the end of June.

The St. Lawrence Canals posted a sizeable decline to 41,067,366 cargo tons from 47,945,901 tons in 1968. The year 1967 featured a month-long

lake vessel strike, and in 1968 there was a Seaway and a grain handlers strike, all of approximately the same duration. But the prolonged iron ore strike had a much more severe effect on the Seaway in quantitative cargo terms. On this Section upbound iron ore movements totalled 11,544,282 tons in 1969 compared to 18,021,724 tons in the previous year. This experience was also felt in the area of vessel transits and toll revenues. Vessel passages dropped to 6,684 from 6,897, most of the loss occurring for Canadian vessels in the 680-foot and upwards class; upbound traffic in ballast had increased to 806 from 524 due to the lack of iron ore cargoes.

The percentage of ballast trips rose to 32.8 per cent of all transits, as against 30.0 per cent in 1968, while the average cargo per loaded vessel dropped to 9,140 tons from 9,931 tons in the previous year. Toll revenues during 1969 amounted to \$21,456,478 compared to collections of \$24,888,865 and \$22,349,788 in 1967.

Passenger traffic through the St. Lawrence Canals increased to 4,631 from only 357 persons in 1968; most of this activity is conducted by American-registered cruise boats operating for the benefit of tourists.

During the 1969 canal season iron ore movements in both directions totalled 11,643,029 tons or fully 28.4 per cent of all cargo transported. In quantitative measures, it ranked first, and it was even more significant in the two previous years, summing to 37.6 and 37.0 per cent. The toll structure provides for an assessment of 40 cents per ton of bulk products, making this one commodity of considerable importance to Seaway revenues.

Among the other crude materials carried through the St. Lawrence Canals, soyabeans ranked high at 1,593,112 tons downbound from the Great Lakes; approximately one-third is shipped directly overseas, and the bulk of the remainder is handled at various Canadian ports from Montreal to Baie Comeau for later transfer to ocean shipping. The 1968 level for this commodity was only 1,326,618 tons. Scrap iron and steel rose to 1,455,494 tons from the unusually low level of 423,709 tons in 1968. Coal from the Maritimes dropped two-thirds to 246,012 tons due to a curtailment in shipments to Ontario Hydro. Downbound salt shipments fell to 387,659 tons from 579,122 tons, reflective of an industry strike.

Of the agricultural products moving upbound, raw sugar to Canada, at 179,083 was the most significant cargo; all products totalled 534,617 tons, or less than 3.0 per cent of goods moving into the lakes. Agricultural products are much more important to carriers in terms of downbound traffic, where they accounted for 11,052,120 tons or 59.4 per cent of the total. The share in 1968 was 69.5 per cent; the decline was largely due to 1.7 million ton drop in wheat traffic to 4,881,033 tons as a

result of world demand. Corn shipments rose 200,000 to 3,354,887 tons, mostly to Europe.

Tanker shipments of fuel oil and gasoline were reported at 2,453,920 tons (2,212,081 tons in 1968) and 515,447 tons (241,336 tons), the larger portion being traded between Canadian ports. Steel products, such as bars, rods, wire and shapes, decreased considerably to 4,545,569 tons from 5,528,241 tons in 1968. These products helped to cause the reduction in general cargoes to 7,074,272 tons from 7,992,345 tons during the previous year. Cargoes assessed at the bulk rate slid to 33,993,094 tons from 39,953,556.

Canadian-registered shipping constituted 3,663 or 54.8 per cent of all transits, 22,930,017 gross tons or 53.2 per cent of the total; as well these vessels transported 25,774,225 tons or 62.8 per cent of available cargoes. The corresponding shares in 1968 were 57.5 per cent, 56.2 per cent and 63.5 per cent of the system's totals. American vessels handled 296,150 cargo tons or 0.7 per cent of 1969 traffic (4.3 per cent in 1968), English vessels a further 2,226,332 tons or 5.4 per cent (5.0 per cent in 1968) and Norwegian shipping some 3,135,376 tons or 7.6 per cent (6.7 per cent).

The Lachine and Cornwall Canals are both non-toll and have not been a part of the through channel since the Seaway opening in 1959. The Cornwall Canal was closed at the end of the 1968 season, while the Lachine Canal is facing a limited future due to low usage and expensive maintenance. In 1969 some 255 vessels transporting 244,670 cargo tons used the waterway compared to 344 vessels and 269,121 cargo tons in 1968.

The Welland Canal

The second major section in the Seaway was completed in 1932. It provides a 28-mile channel linking Lakes Erie and Ontario, whose 326-foot difference in elevation is overcome by the system's eight locks. Improvements have been continuing, currently to construct a new 8.6-mile channel to by-pass the restrictive curves and bridges in the existing waterway.

During the year the Welland Canal served 6,913 vessels in the transport of 53,573,300 tons of cargo. Volume was off some 7.8 per cent from 1968, indicative of the ore stoppage, but was nevertheless greater than 1967's 52,850,454 tons. The lesser number of vessel transits (down 360) did not depress the total lockage charges due to the ascending yearly scale (for each lock, up \$20 per year to a maximum of \$100 in 1971). Through 1969 a single lockage entailed charges of \$60, and passage of all eight locks in the system totalled \$480. Receipts amounted to \$2,494,075 compared to collections of \$1,749,165 in 1968 and \$913,275 in 1967. The St. Lawrence Seaway Authority set a cost of \$10,829,179 for operating and administering the Canal in 1969.

Passenger traffic, excluding those on pleasure craft, numbered only 302 persons compared to 244 in 1968. The Welland Canal is much more important for cargo transport, notably bulk products which totalled 47,388,629 tons (50,921,152 tons in 1968) compared to only 6,184,671 tons (7,183,642 tons) of general cargoes. Overseas general cargo at Lake Ontario ports does not require transit of the Welland, which therefore is usually a million tons lower than the St. Lawrence Canals.

Upbound iron ore to the United States during the year totalled 10,323,637 tons compared to 15,464,072 tons in 1968, while ore downbound from Port Arthur-Fort William, Superior, Taconite and other ore ports totalled 3,213,110 tons (2,873,971 tons in 1968), all of which was destined for Canadian steel complexes. The steel industry was a major user of the 10,774,409 tons of coal downbound through the Canal; in 1968 this traffic amounted to 9,802,993 tons. These two commodities constituted 45.4 per cent of Welland volume.

Agricultural produce from the western provinces and states form a cornerstone in Welland traffic. Downbound wheat was registered at 5,334,588 tons (6,809,318 tons in 1968), corn at 3,535,186 tons (3,398,308 tons), soyabeans at 1,991,168 tons (1,694,979 tons), barley at 996,428 tons (661,212 tons) and flaxseed at 444,521 tons (399,455 tons). All of these commodities are sensitive to foreign demands, crop levels and tariffs. Among the other commodity traffic, dolomite to the United States dipped to 1,167,653 tons from 1,372,173 tons in 1968, although the total approximates 1967 levels of 1,116,964 tons. Upbound steel products declined to 3,420,455 tons from 5,127,798 tons in 1968 due in part to self-imposed restrictions on the part of foreign exporters. Iron and steel scrap advanced considerably to 1,341,131 tons compared to only 422,702 tons from the upper lakes through 1968.

Canadian vessels made 4,199 or 60.8 per cent of all transits in 1969. Many were of maximum Seaway dimensions and therefore totalled 66.6 per cent of gross registered tonnage, and moved 38,375,181 tons or 71.6 per cent of all cargo. These percentages for 1968 were 57.4, 63.1, and 68.0 respectively. American shipping was second ranking at 497 transits followed by Norway at 410.

The Sault Ste. Marie Canals

During 1969 there were general advances in all volume indicators of activity for the Sault Ste. Marie Canal. Vessel traffic was upped to 3,239 (mostly tourist cruisers) from 2,623 in 1968, cargo rose to 1,427,841 tons from 1,029,341, while passenger numbers jumped to 192,891 from 138,011 persons. Of the cargo, domestic package freight totalled 449,708 tons or 31.5 per cent of all commodities, fuel oil provided 13.9 per cent or 198,956 tons, pulp 132,157 tons or 9.3 per cent and newsprint a further 96,423 tons or 6.7 per cent. Most of

this tonnage, 887,581 tons, was transported between Canadian ports, and a further 364,535 tons consisted of Canadian imports or exports.

Due to greater width, length and depth, the American installations at Sault Ste. Marie, Michigan, experience much heavier traffic, including all the largest lakers. During 1969 the new Poe Lock was formerly dedicated; the new lock, which can accommodate vessels up to one thousand feet in length, cost approximately \$43 million. Upbound transits were often in ballast, total upbound tonnage being only 9,734,294 tons compared to 87,344,852 tons moving from Lake Superior. Coal, gravel, fuels and manufactured goods feature in upbound movements, while downbound shipments are mostly iron ore and grains from both American and Canadian sources. The American facilities locked through 97,079,146 tons compared to 88,312,840 tons in the 1968 season.

Other Canadian Canals

Of eight other canal systems in Canada, the Canso Canal in Nova Scotia has the foremost

commercial importance, accommodating 1,266,133 tons of merchandise in 1969; in the previous year 1,170,542 tons were carried through the system. Of this year's traffic, tanker cargoes between Atlantic ports were of major importance, totalling 797,834 tons or virtually two thirds of the total. Wheat assumed a more impressive standing this year, rising to 175,816 tons from 105,348 tons in the previous year. Potatoes, fluorspar and fish round out the list of cargoes most frequently transiting the Canso. Tankers constituted 274 out of 1,487 transits, but made up more than half the vessel gross registered tonnage.

The seven remaining canals recorded 1,387 commercial transits, notably tourist cruise boats, against 2,364 in the previous year; most of the loss could be traced to the Trent Canal. Cargo volume aggregated 22,589 tons compared with 23,792 tons in 1968; the Richelieu River reported 18,782 tons, notably paper for American news media. Commercial passengers numbered 24,390, a small figure when weighed against the hundreds of thousands of people using parts of these waterways for recreation. The canals also serve a significant function in terms of tourism and water control.

Summary of Vessel Transits and Cargo Tonnage, St. Lawrence and Welland Canals, by Month, 1969

	Upbound		Downbound		Total		
	No. of transits	Cargo tons	No. of transits	Cargo tons	No. of transits	Cargo tons	Cargo as % of annual total
St. Lawrence canals:							
April	257	2,245,061	201	1,193,004	458	3,438,065	8.4
May	404	2,307,377	362	2,070,345	766	4,377,722	10.7
June	402	1,658,230	455	2,269,823	857	3,928,053	9.6
July	426	2,193,132	430	1,709,847	856	3,902,979	9.5
August	465	2,868,619	450	2,121,108	915	4,989,727	12.2
September	389	3,113,657	372	2,039,339	761	5,152,996	12.5
October	439	4,007,603	446	2,804,715	885	6,812,318	16.6
November	449	3,307,879	406	2,893,376	855	6,201,255	15.1
December	110	750,019	210	1,461,730	320	2,211,749	5.4
Annual totals	3,347	22,464,909	3,337	18,602,457	6,684	41,067,366	100.0
Welland canal:							
April	319	1,985,284	222	2,635,748	541	4,621,032	8.6
May	431	1,912,797	396	3,999,479	827	5,912,276	11.0
June	419	1,399,230	471	4,667,700	890	6,066,930	11.3
July	388	1,871,020	388	3,843,300	776	5,714,320	10.7
August	423	2,704,681	418	3,731,646	841	6,436,327	12.0
September	404	2,772,491	391	3,591,877	795	6,364,368	11.9
October	464	3,198,368	475	4,354,615	939	7,552,983	14.1
November	457	2,902,009	434	4,642,402	891	7,544,411	14.1
December	127	662,913	278	2,695,123	405	3,358,036	6.3
Annual totals	3,435	19,361,535	3,478	34,211,765	6,913	53,573,300	100.0

Source: "Summary of Canal Statistics", DBS Catalogue No. 54-001.

Statistical Highlights of the St. Lawrence and Welland Canals, 1968 and 1969

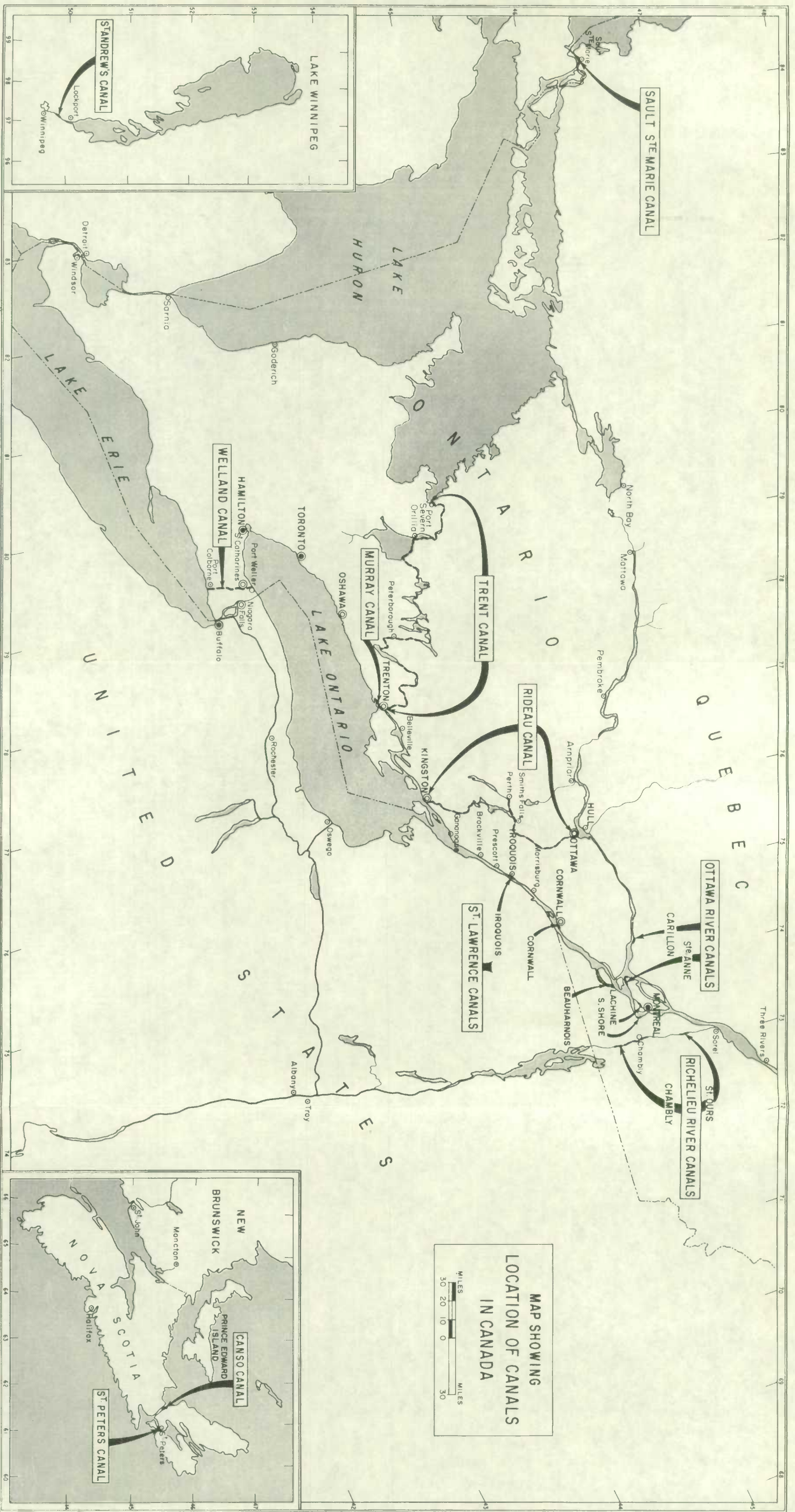
	1969	1968	Percentage variance 1969 over 1968
	tons		
St. Lawrence:			
Vessel data:			
No. of vessel transits..... No.	6,684	6,897	- 3.1
Total gross tonnage	43,118,999	48,217,685	- 10.6
Ballast trips as % of total	32.8	30.0	
Cargo data:			
Total cargo.....	41,067,366	47,945,901	- 14.3
Bulk cargo	33,993,094	39,953,556	- 14.9
Iron ore	11,643,029	18,021,924	- 35.4
Wheat	4,881,033	6,548,996	- 25.5
Corn	3,354,887	3,153,692	+ 6.4
General cargo.....	7,074,272	7,992,345	- 11.5
Iron and steel	4,806,088	5,794,217	- 17.1
Toll revenue..... \$	21,456,478	24,888,865	- 13.8
Welland:			
Vessel data:			
No. of vessel transits..... No.	6,913	7,273	- 4.9
Total gross tonnage	57,515,220	58,938,506	- 2.4
Ballast trips as % of total	28.9	26.4	
Cargo data:			
Total cargo.....	53,573,300	58,104,794	- 7.8
Bulk cargo	47,388,629	50,921,152	- 6.9
Iron ore	13,553,532	18,351,343	- 26.1
Bituminous coal.....	10,774,409	9,814,567	+ 9.8
Wheat.....	5,340,770	6,812,843	- 21.6
Corn.....	3,535,186	3,398,308	+ 4.0
General cargo.....	6,184,671	7,183,643	- 13.9
Iron and steel.....	4,512,812	5,479,818	- 17.6
Lockage revenue	2,494,075	1,749,165	+ 42.6

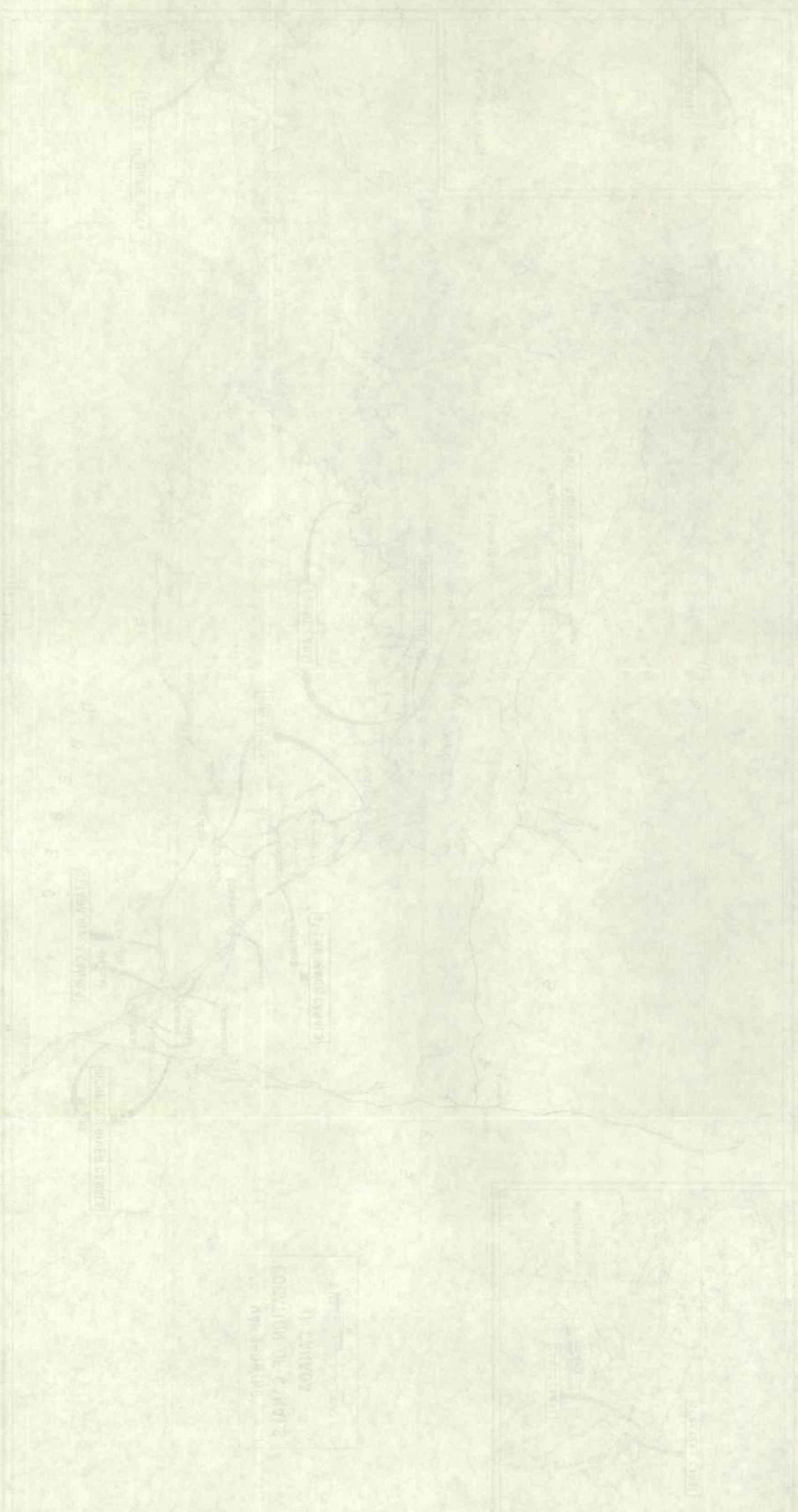
Location and Description of Canals

	From	To	Length of channel	Locks			
				Number	Minimum dimensions		
					Length ¹	Width	Depth
St. Lawrence Seaway Canals							
St. Lawrence Canals:			miles			feet	
Main route: ²							
South Shore Canal.....	Montreal	Caughnawaga	10	2	766	80 30	
Beauharnois Canal.....	Melochville	Lake St. Francis	10	2	766	80 30	
Iroquois Canal	Iroquois Point.....	.....	1	1	766	80 30
Non-toll canals:							
Lachine (not through canal) ...	Montreal .....	.....	4.51	2	270	45 14
Cornwall (not through canal)....	Cornwall	Closure dyke	1.5	3	270	43.67 14	
Welland Canal	Port Weller	Port Colborne, Ont.	27.6	8	766	80 30	
Sault Ste. Marie Canal	St. Mary's Rapids	Sault Ste. Marie, Ont.	1.38	1	900	60 18.25	
Other Canadian Canals							
			miles			feet	
Canso Canal	Port Hastings, N.S. ....	.....	0.78	1	820	80 28
Murray Canal	Lake Ontario	Bay of Quinte	7.53	-	-	- 9.5	
Ottawa River Canals:							
St. Anne	Junction of St. Lawrence and Ottawa River .....	.....	0.12	1	200	45 9
Carillon	Carillon Rapids, Ottawa River .....	.....	0.50	1	188	45 9
Richelieu River Canals:							
St. Ours	St. Ours, Qué. ....	.....	0.12	1	339	45 12
Chambly	Chambly	St. Jean, Qué.	11.78	9	120.5	23.3 6.5	
Rideau Canal	Ottawa	Kingston	123.53	47	134	33 5.5	
	Rideau Lake	Perth (Tay Branch)	6.82	2	134	33 5.5	
St. Andrew's Canal	Lockport, Man. ....	.....	-	1	215	45 17
St. Peter's Canal	St. Peter's Bay	Bras d'Or Lakes, N.S.	0.50	1	300	47.4 17	
Trent Canal	Trenton	Peterborough Lock	80.74	18	175	33 8	
	Peterborough Lock	Swift Rapids	143.71	23	134	33 6	
	Swift Rapids	Port Severn	16.10	(Marine railway)	-	4	
	Port Severn Lock .....	.....	-	1	100	25 6
	Sturgeon Point	Lindsay (Sugog Branch)	8.35	1	142	33 6	
	Lindsay	Port Perry (Sugog Branch)	26.81	-	-	- 6	

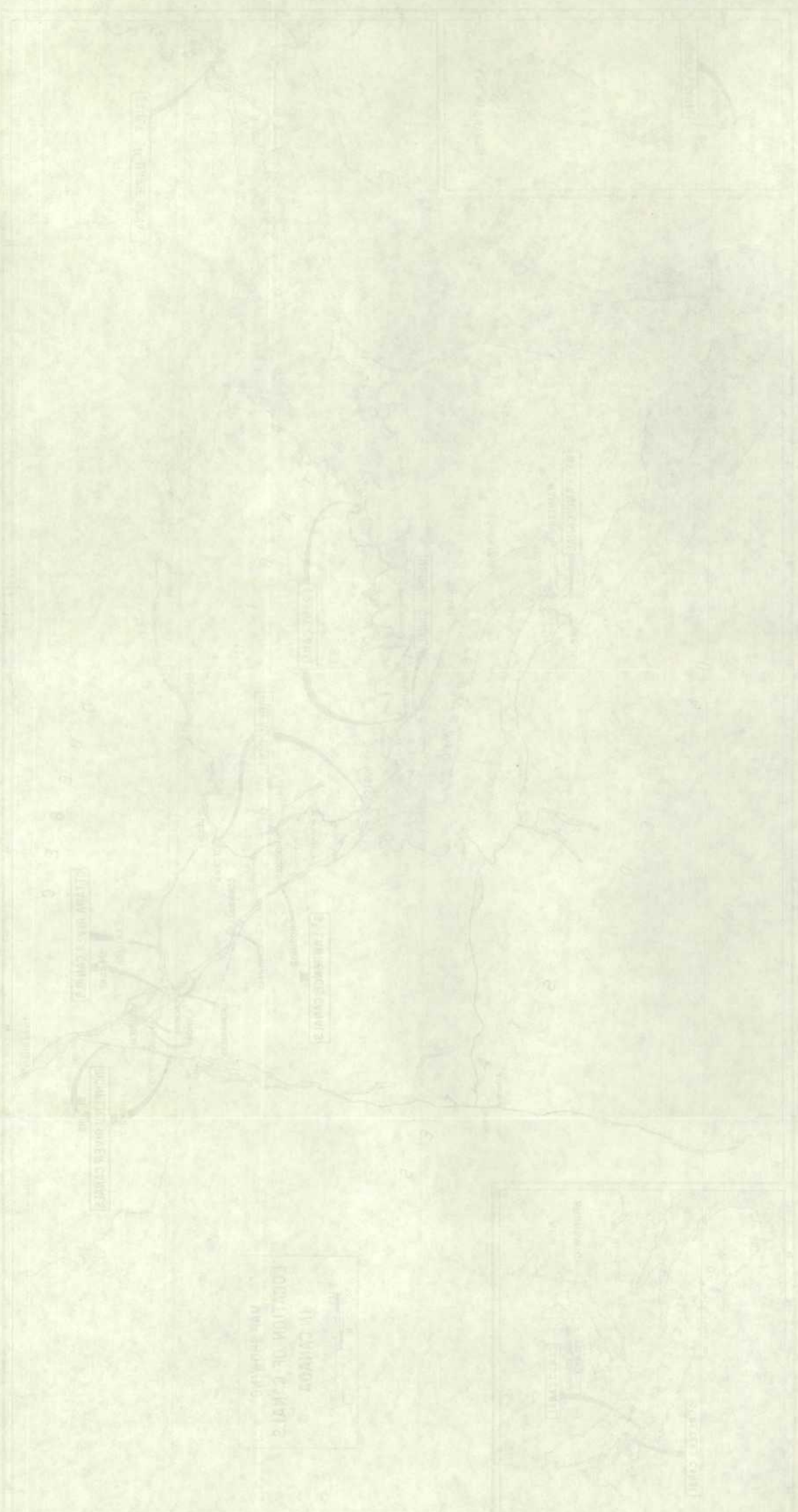
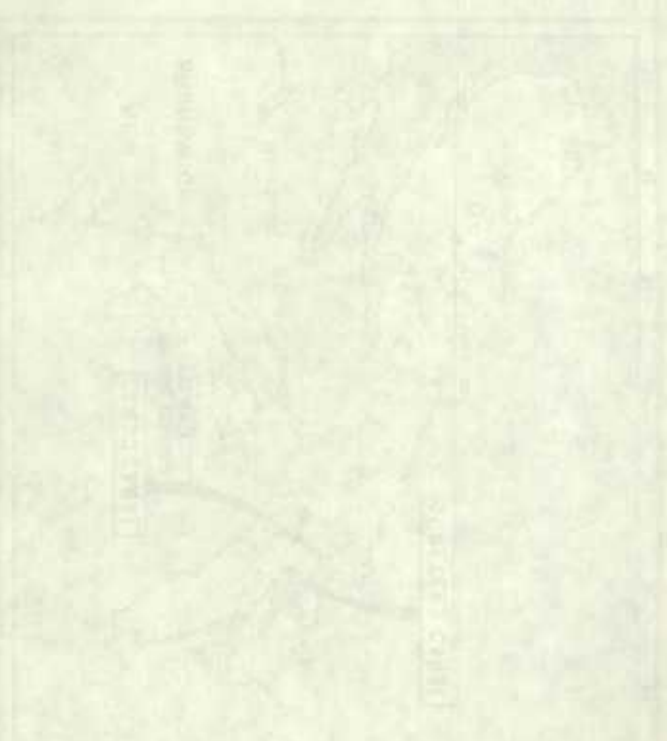
¹ Breastwall to fender.

² Excludes Wiley-Dondero Canal and two locks (the Snell and Eisenhower) near Massena, N.Y. that are the responsibility of the St. Lawrence Seaway Development Corporation, the American counterpart of the St. Lawrence Seaway Authority. (Dimensions are essentially the same as the Canadian locks.)





THE CANADIAN
SHIELD
GEOLOGICAL MAP OF CANADA
GEOLOGICAL SURVEY OF CANADA



TOTAL FREIGHT TRAFFIC THROUGH CANADIAN CANALS

MILLION TONS
140 —

1950-1969

MILLION TONS
140 —

130 —

130 —

120 —

120 —

110 —

110 —

100 —

100 —

90 —

90 —

80 —

80 —

70 —

70 —

60 —

60 —

50 —

50 —

40 —

40 —

30 —

30 —

20 —

20 —

10 —

10 —

0

0

1950

1955

1960

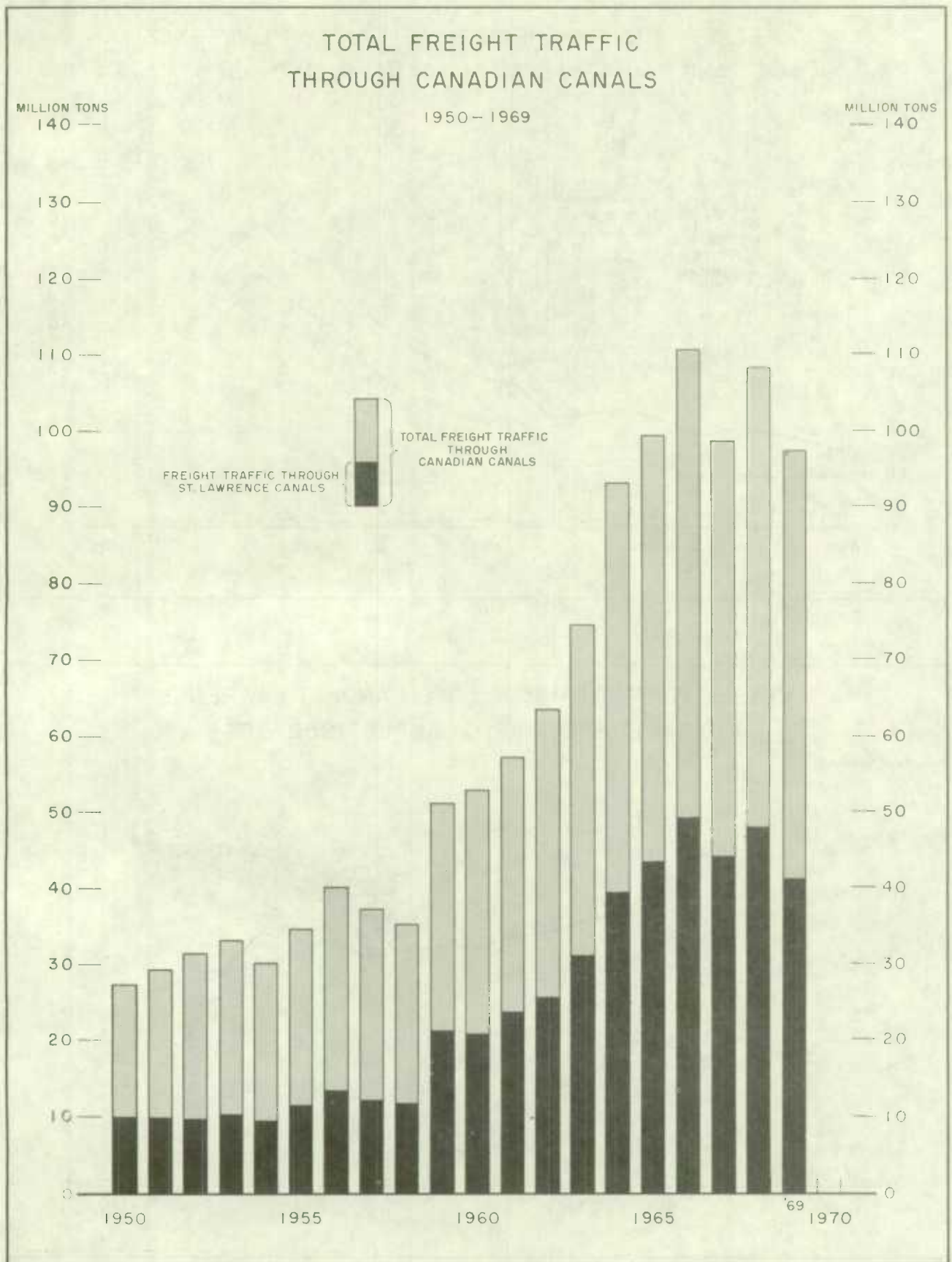
1965

'69

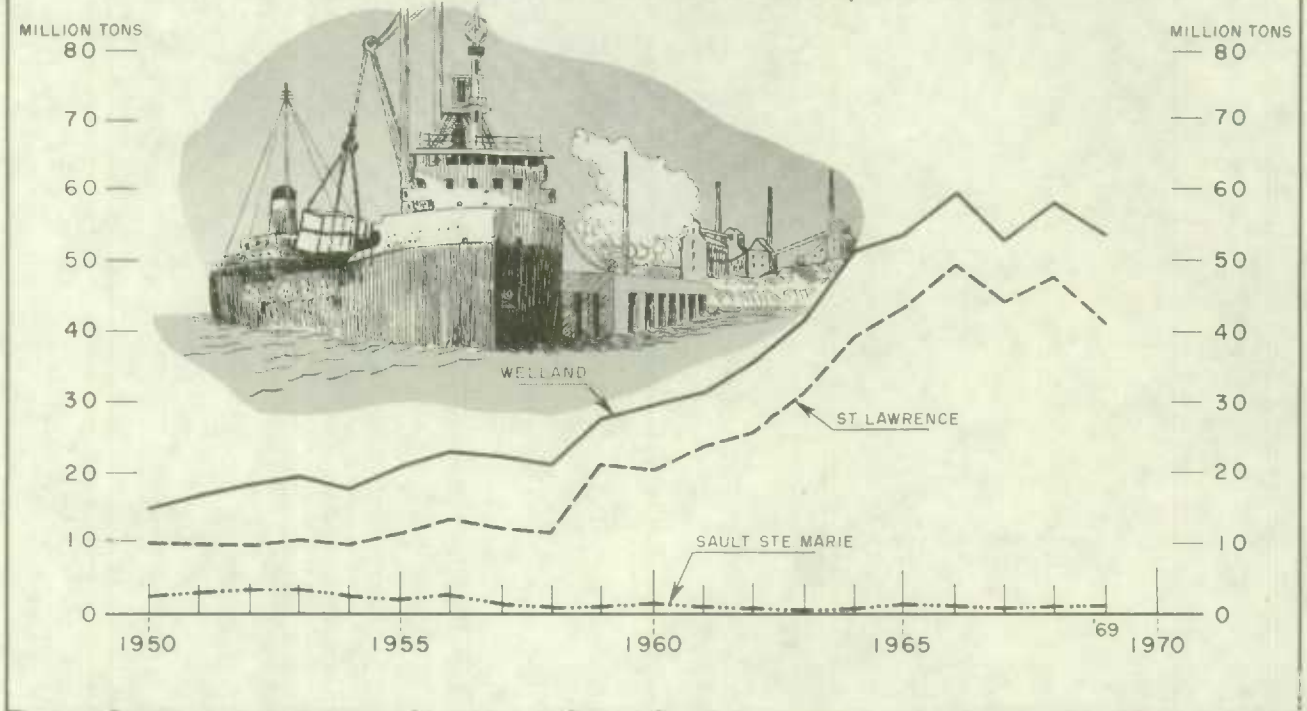
1970

FREIGHT TRAFFIC THROUGH
ST. LAWRENCE CANALS

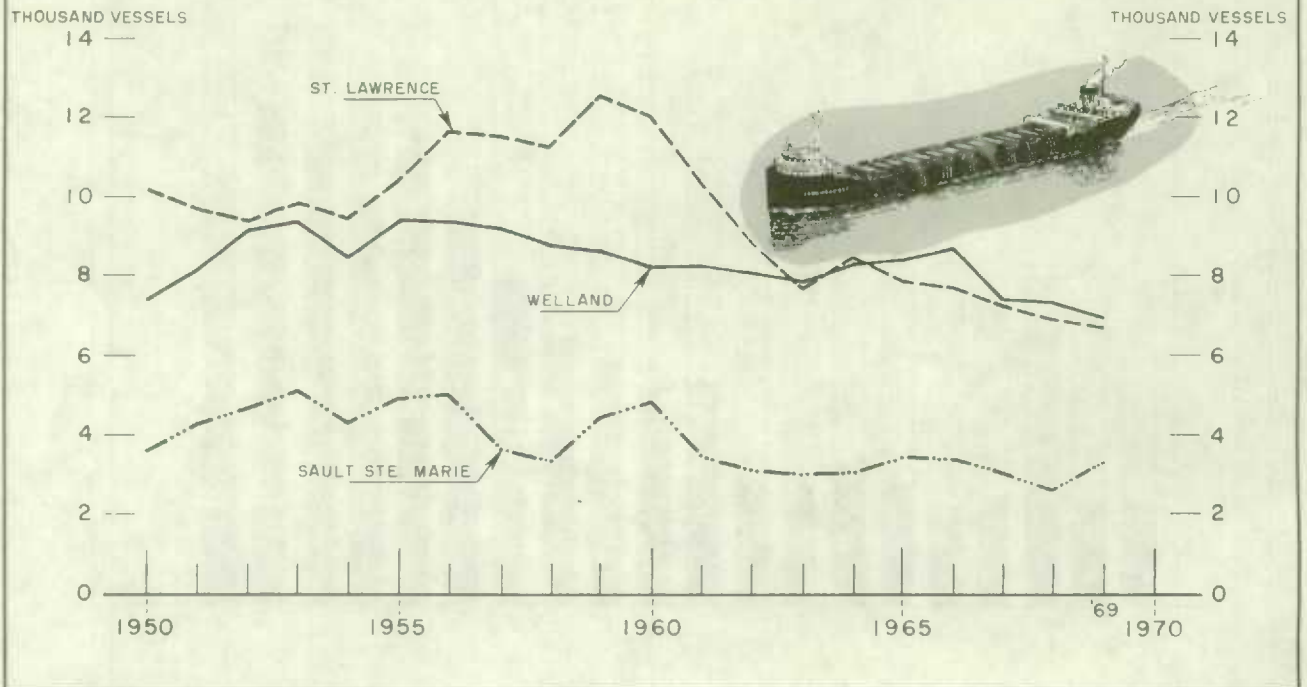
TOTAL FREIGHT TRAFFIC
THROUGH
CANADIAN CANALS



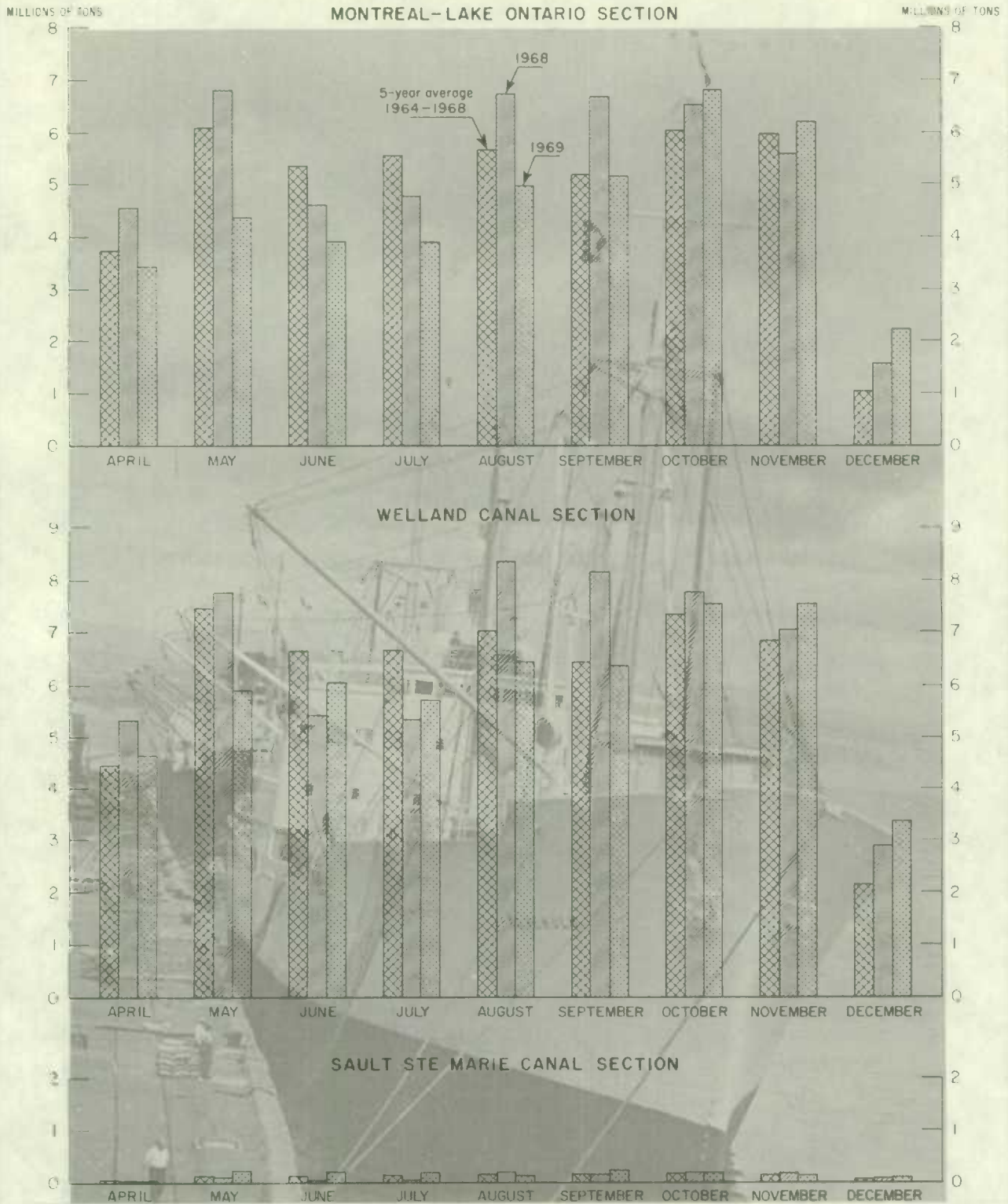
FREIGHT TRAFFIC THROUGH WELLAND, ST. LAWRENCE AND SAULT STE. MARIE CANALS, 1950-1969



VESSEL TRAFFIC THROUGH WELLAND, ST. LAWRENCE AND SAULT STE. MARIE CANALS, 1950-1969

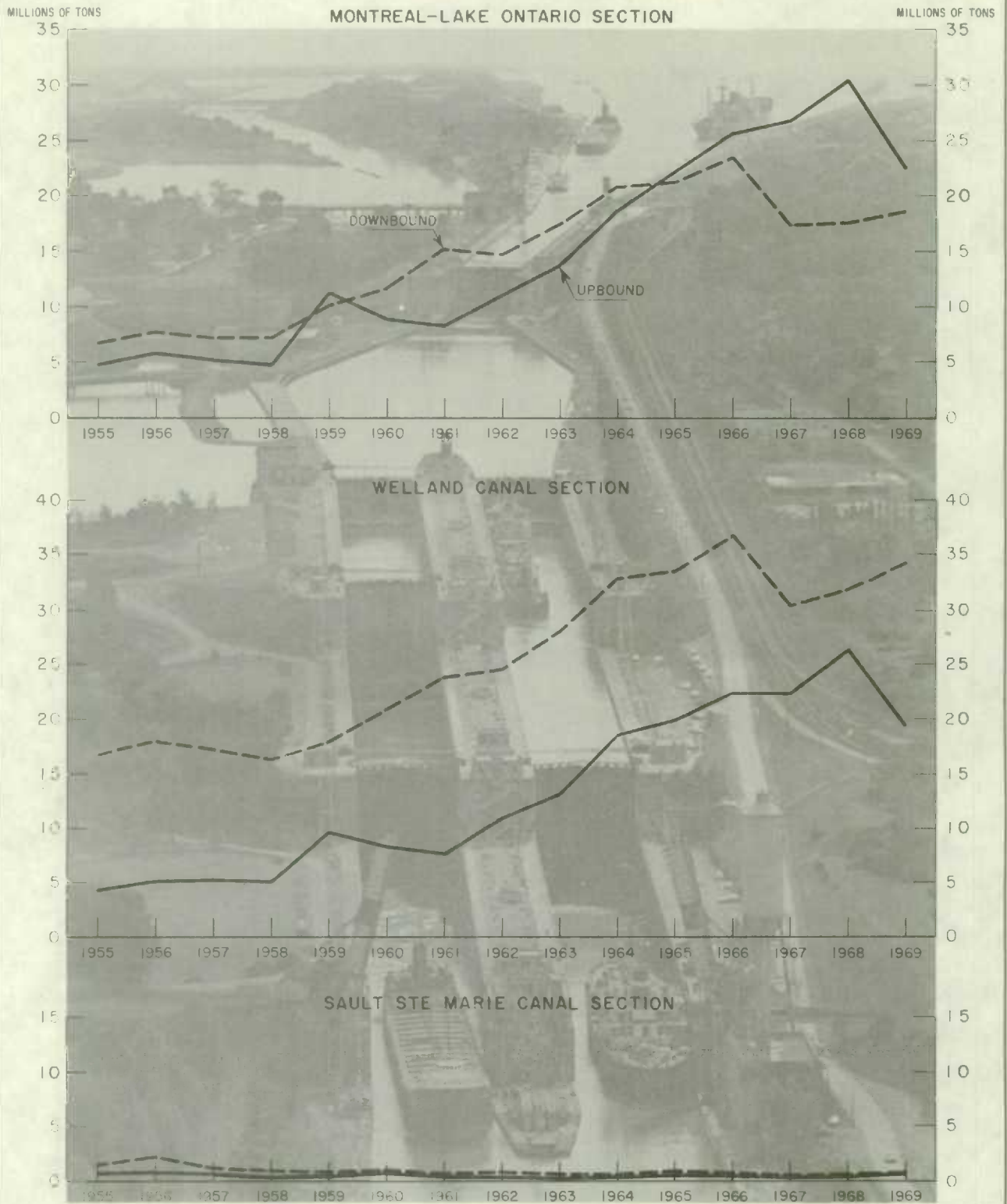


MONTHLY CARGO VOLUME THROUGH THE THREE SECTIONS OF THE ST. LAWRENCE SEAWAY

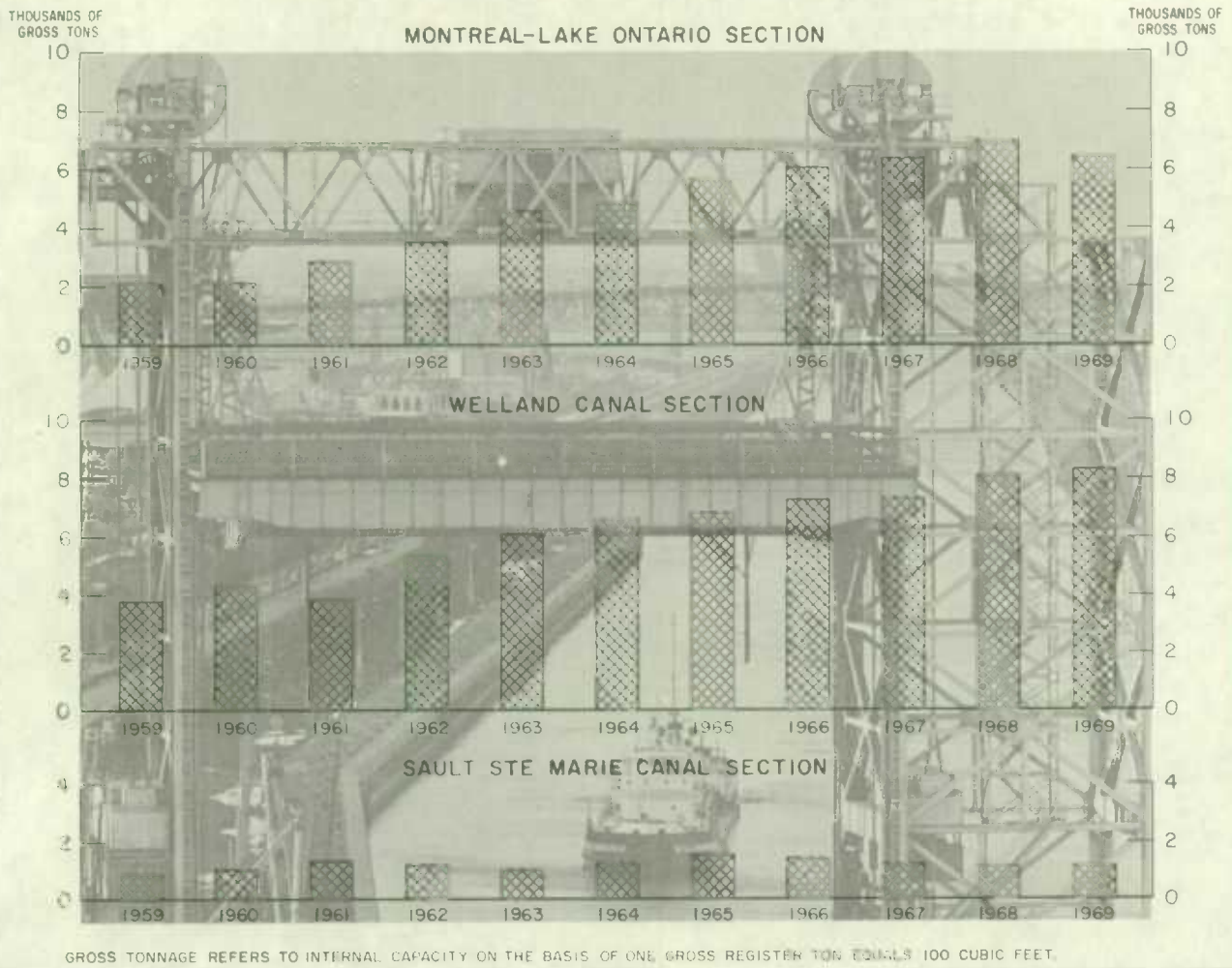


Source: "Summary of Canal Statistics", Catalogue No 54-001.

DIRECTION OF TRAFFIC THROUGH THE THREE SECTIONS OF THE ST. LAWRENCE SEAWAY

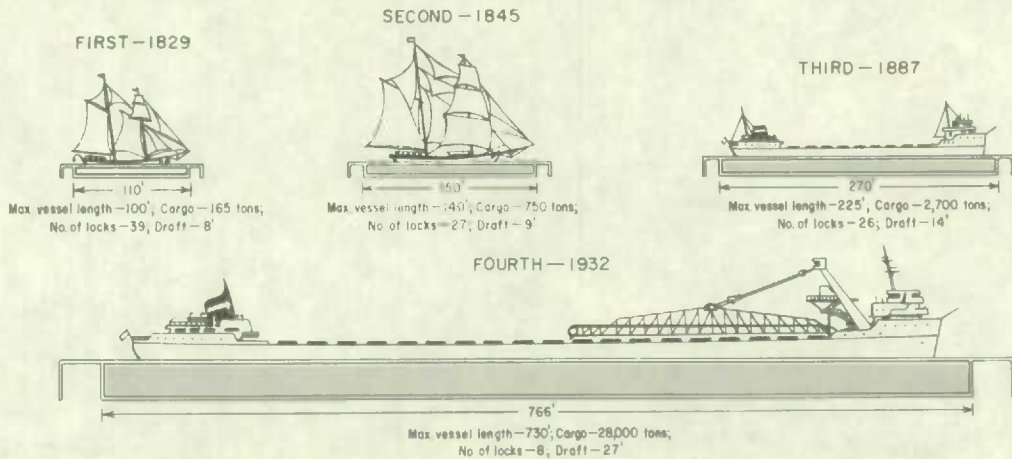


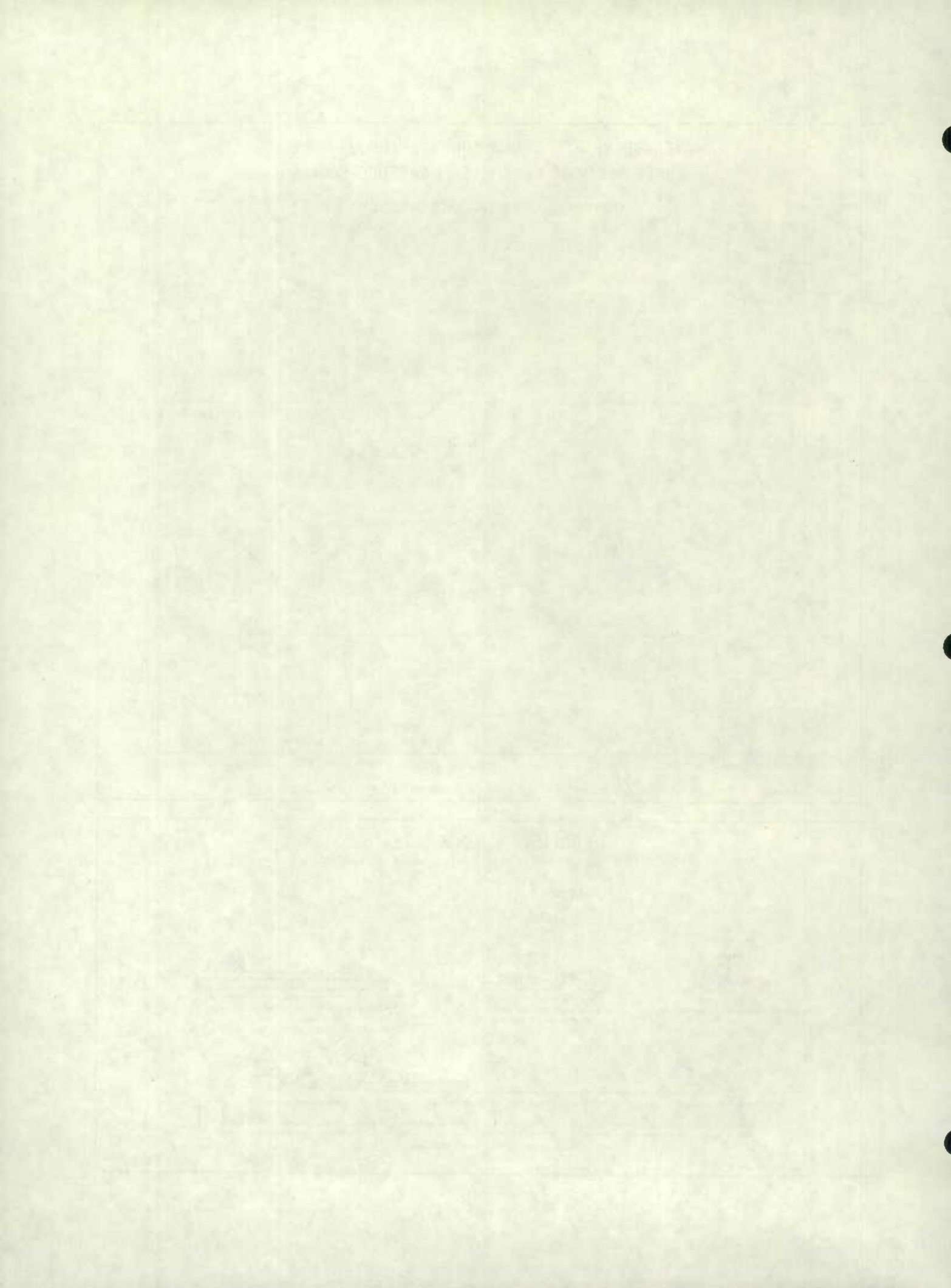
AVERAGE VESSEL GROSS TONNAGE THROUGH THE THREE SECTIONS OF THE ST. LAWRENCE SEAWAY



PROFILE OF LOCK SIZE

(THE OPENING DATES FOR THE FOUR PHASES OF THE WELLAND CANAL)





SECTION I
SUMMARY FOR ALL CANALS

SECTION 1
SUMMARY OF THE WORK

TABLE 1. Number of Vessel Transits and Passengers Through Canadian Canals, by Registry of Vessel, and by Canal, 1969 and 1968

Country of registry	St. Lawrence ¹	Welland	Sault Ste. Marie	Canso	Other	Total	
						1969	1968
Canada	3,663	4,199	1,790	1,295	1,377	12,324	13,084
United States	518	497	1,433	47	8	2,503	2,305
United Kingdom ²	553	573	2	49	2	1,179	1,170
Other	1,950	1,644	14	96	—	3,704	3,819
Totals	6,684	6,913	3,239	1,487	1,387	19,710	20,378
Passengers.....	4,631	302	192,891	—	11,965	209,789	170,733

¹ Includes traffic through the Lachine and Cornwall Canals.

² Includes other British Commonwealth.

TABLE 2. Net Registered Tonnage of Vessels Through Canadian Canals, by Registry of Vessel, and by Canal, 1969 and 1968

Country of registry	St. Lawrence ¹	Welland	Sault Ste. Marie	Canso	Other	Total	
						1969	1968
Canada	17,548,303	29,879,389	2,268,445	1,037,183	131,204	50,864,524	52,826,261
United States	436,317	1,063,164	213,055	6,387	330	1,719,253	4,274,677
United Kingdom ²	2,164,311	2,595,655	4,916	59,476	56	4,824,414	4,962,991
Other	9,139,214	7,930,901	22,727	106,253	—	17,199,095	17,321,245
Totals	29,288,145	41,469,109	2,509,143	1,209,299	131,590	74,607,286	79,385,174

¹ Includes traffic through the Lachine and Cornwall Canals.

² Includes other British Commonwealth.

TABLE 3. Cargo Tonnage Through Canadian Canals, by Commodity Section Totals, and by Canal, 1969 and 1968

Commodity sections	St. Lawrence ¹	Welland	Sault Ste. Marie	Canso	Other	Total	
						1969	1968
Live animals	—	—	—	—	—	—	—
Food, feed, beverages and tobacco	11,586,737	12,165,774	86,180	257,089	1,937	24,097,717	26,053,031
Crude materials, inedible.....	18,056,952	31,906,687	153,942	89,135	19,698	50,226,414	58,459,503
Fabricated materials, inedible	10,332,986	8,623,425	658,804	876,818	671	20,492,704	21,391,939
End products, inedible	455,327	347,442	63	543	233	803,608	795,669
Miscellaneous freight, n.e.s.....	194,865	91,392	79,144	42,553	50	408,004	310,000
Domestic package freight.....	440,499	438,580	449,708	—	—	1,328,787	1,264,228
Totals	41,067,366	53,573,300	1,427,841	1,266,138	22,589	97,357,234	108,274,370

¹ Includes traffic through the Lachine and Cornwall Canals.

TABLE 4. Cargo Tonnage Through Canadian Canals, by Registry of Vessel, and by Canal, 1969 and 1968

Country of registry	St. Lawrence ¹	Welland	Sault Ste. Marie	Canso	Other	Total	
						1969	1968
Canada	25,774,225	38,375,181	1,299,069	1,112,893	22,589	66,583,957	71,981,811
United States	296,150	1,055,846	125,656	725	—	1,478,377	5,099,715
United Kingdom ²	2,907,131	3,647,729	—	79,657	—	6,634,517	6,486,779
Other	12,089,860	10,494,544	3,116	72,863	—	22,660,383	24,706,065
Totals	41,067,366	53,573,300	1,427,841	1,266,138	22,589	97,357,234	108,274,370

¹ Includes traffic through the Lachine and Cornwall Canals.

² Includes other British Commonwealth.

TABLE 5. Cargo Tonnage Carried in Interlake Traffic, by Origin and Destination¹

Origin	Destination						Other than the Great Lakes and the St. Lawrence River ⁴	Totals
	Lake Superior	Lake Michigan	Lake Huron	Lake Erie ²	Lake Ontario ³	St. Lawrence River		
Lake Superior	—	22,521,832 ⁵	1,902,180 ⁵	52,578,593 ⁵	4,230,979	5,413,103	2,054,126	88,700,813
Lake Michigan	1,148,321 ⁵	...	...	...	533,845	1,502,881	3,289,868	6,474,915
Lake Huron	2,382,336 ⁵	..	..	..	262,102	374,189	179,810	3,198,437
Lake Erie ²	6,230,447 ⁵	..	..	..	11,681,596	2,138,951	2,500,661	22,551,655
Lake Ontario ³	340,295	133,806	113,936	2,107,975	90,618	737,313	588,594	4,112,537
St. Lawrence River	25,890	3,442,758	46,769	7,195,888	4,368,279	125,336	—	15,204,920
Other than the Great Lakes and the St. Lawrence River ⁴	77,520	2,036,920	86,651	2,899,304	1,997,616	44,341	—	7,142,352
Totals	10,204,809	28,135,316	2,149,536	64,781,760	23,165,035	10,336,114	8,613,059	147,385,629

¹ "Way" traffic on the St. Lawrence and Welland Ship Canals which originates and terminates within the same canal is excluded from this table.

² Canadian data includes Canadian and United States Detroit River ports and Lake St. Clair and St. Clair River ports.

³ Canadian data includes Welland Ship Canal ports and St. Lawrence River ports to Iroquois.

⁴ Includes traffic using Lachine Canal only but excludes traffic moving via the New York State Barge Canal.

⁵ Includes data obtained from United States Corps of Engineers' preliminary report of "Interlake Traffic", for the American Sault Ste. Marie Canal.

TABLE 6. Cargo Tonnage Through Canadian Canal Networks, Excluding Duplications, by Selected Commodity¹

Canal network	Corn	Wheat	Iron ore	Iron and steel scrap	Bituminous coal	Newsprint	Fuel oil	Other	1968 total	1967 total
tons										
Upbound:										
St. Lawrence only	—	—	1,788,218	84	246,012	13,094	1,922,612	2,054,640	6,024,660	7,206,573
St. Lawrence and Welland	—	—	9,756,064	—	—	176,678	411,097	6,086,169	16,430,008	23,191,197
St. Lawrence, Welland and Sault Ste. Marie ²	—	—	—	—	—	—	—	10,241	10,241	8,333
Welland only	—	6,182	584,358	—	—	114,721	366,523	1,624,970	2,696,754	2,811,337
Welland and Sault Ste. Marie ²	—	—	—	—	—	—	16,483	209,388	225,871	143,206
Sault Ste. Marie only ²	—	—	—	—	17,000	—	159,462	247,182	423,644	339,087
Totals	—	6,182	12,128,640	84	263,012	304,493	2,876,177	10,232,590	25,811,178	33,769,733
Downbound:										
St. Lawrence only	5,464	214,755	—	114,279	6,317	2,982	102,053	915,273	1,361,123	1,216,359
St. Lawrence and Welland	3,349,423	4,653,702	98,747	1,341,131	387,901	10,635	18,158	7,337,714	17,197,411	16,309,053
St. Lawrence, Welland and Sault Ste. Marie ²	—	—	12,576	—	—	—	—	31,347	43,923	14,347
Welland only	185,763	665,064	3,114,363	—	10,386,508	—	352,699	2,118,040	16,822,437	15,467,301
Welland and Sault Ste. Marie ²	—	3,246	—	—	—	—	—	144,748	147,994	89,961
Sault Ste. Marie only ²	—	1,820	—	—	—	96,423	23,011	454,914	576,168	434,407
Totals	3,540,650	5,538,587	3,225,686	1,455,410	10,780,726	110,040	495,921	11,002,036	36,149,057	33,531,428
Grand Totals	3,540,650	5,544,769	15,354,326	1,455,494	11,043,738	414,533	3,372,098	21,224,626	61,960,235	67,301,161

¹ Includes traffic using the Lachine Canal.

² Traffic through the United States locks at Sault Ste. Marie is not considered in eliminating duplications.

TABLE 7. Passengers Through the Three Sections of the St. Lawrence Seaway Canals, by Origin and Destination

	Upbound								
	Canada to		United States to		Other to		Total to		
	Canada	United States	Canada	United States	Canada	United States	Canada	United States	
number									
St. Lawrence section	67	56	—	2,045	88	84	155	2,185	
Welland section	—	56	—	—	1	81	1	137	
Sault Ste. Marie section	2,248	—	—	8,875	—	—	2,248	8,875	
Totals	2,315	112	—	10,920	89	165	2,404	11,197	
	Downbound								
	Canada to			United States to			Total to		
	Canada	United States	Other countries	Canada	United States	Other countries	Canada	United States	Other countries
number									
St. Lawrence section	65	—	11	153	1,974	88	218	1,974	93
Welland section	—	—	—	76	—	88	76	—	88
Sault Ste. Marie section	26,587	—	—	—	155,246	—	26,522	155,246	—
Totals	26,587	—	11	229	157,220	176	26,816	157,220	187

TABLE 8. CARGO TONNAGE THROUGH THE ST. LAWRENCE AND / OR WELLAND CANALS, LOADED & UNLOADED AT SPECIFIED CANADIAN OR U.S.A. PORTS.

PORT	LOADED			UNLOADED			TOTAL		
	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL
IN CANADA.									
FORT WILLIAM - PORT ARTHUR	6,677,016	10,595	6,687,611	366,057	24,507	390,564	7,043,073	35,102	7,078,175
OTHER CANADIAN LAKE SUPERIOR	72,323	1,554	73,877	128		128	72,461	1,554	74,015
GOUDERICH	337,371		337,371				337,371		337,371
OTHER CANADIAN LAKE HURON	66,513	1,479	67,992	88,924	4,414	93,338	155,437	5,893	161,330
OTHER GEORGIAN BAY	76,891		76,891	30,268		30,268	107,159		107,159
SARNIA	619,404	39,760	659,164	249,546	6,267	256,413	868,950	46,627	915,577
WINDSOR	335,482	18,482	353,964	151,279	43,608	194,887	486,761	62,090	548,851
CANADIAN ST. CLAIR LAKE AND RIVER AND DETROIT RIVER	132,404		132,404	5,543		5,543	137,947		137,947
PORT COLBORNE	1,308,241		1,308,241	273,828		273,828	1,582,069		1,582,069
CANADIAN LAKE ERIE	9,298		9,298	212,139		212,139	221,437		221,437
THOROLD	12,592	107,261	119,853	499,769	6,262	506,031	512,361	113,523	625,884
PORT WELLS	3,330		3,330	136,320		136,320	139,650		139,650
OTHER CANADIAN WELLAND CAN.	12,249		12,249	440,405		440,405	452,654		452,654
HAMILTON	733,605	70,239	803,844	10,196,914	126,332	10,323,246	10,930,519	196,571	11,127,090
TORONTO	241,143	138,288	379,431	6,436,349	606,248	7,042,597	6,677,492	744,536	7,422,028
PICTON	623,600		623,600	21,683		21,683	645,283		645,283
KINGSTON	18,631		18,631	209,943		209,943	228,574		228,574
PRESCOTT	90,565		90,565	410,251		410,251	500,816		500,816
CORNWALL	6,326	2,867	9,193	56,148		56,148	62,474	2,867	65,341
OTHER LAKE ONTARIO & ST-LAWRENCE RIVER TO CARDINAL	765,046	562	765,608	3,327,955	18,347	3,346,302	4,093,001	18,909	4,111,910
ST-LAWRENCE CANAL	177,630	18,724	196,354	344,088	14,607	358,695	521,718	33,331	555,049
LACHINE	4,230		4,230	239,584	3,250	242,834	243,814	3,250	247,064
MONTREAL	2,744,600	8,837	2,753,437	2,933,444	1,018	2,934,462	5,678,044	9,855	5,687,899
CONTRECOEUR	668,592		668,592	98,747		98,747	767,339		767,339
SCREL	139,019		139,019	136,738		136,738	275,757		275,757
THREE RIVERS		924	924	875,587		875,587	875,587	924	876,511
QUEBEC	18,667		18,667	1,521,280	2	1,521,280	1,539,945	2	1,539,947
PORT ALFRED		39,787	39,787	354,606		354,606	354,606	39,787	394,393
BAIE COMEAU	130,984	48,260	179,244	1,771,860	1,078	1,772,938	1,902,844	49,338	1,952,182
PORT CARTIER	4,752,513		4,752,513	1,778,745	172	1,778,917	6,531,258	172	6,531,430
POINTE NOIRE	2,948,593		2,948,593	33,087		33,087	2,981,680		2,981,680
SEPT ILES	3,566,586		3,566,586	81,471		81,471	3,648,057		3,648,057
OTHER CANADIAN ST-LAWRENCE PORTS EAST OF MONTREAL	92,574	3,250	95,824	76,305		76,305	168,879	3,250	172,129
HALIFAX	6,465		6,465	208,255		208,255	214,720		214,720
SYDNEY	111,103		111,103	13,139		13,139	124,242		124,242
OTHER ATLANTIC COAST & GULF OF ST-LAWRENCE	130,025	106,264	236,289	33,787		33,787	163,812	106,264	270,076
TOTAL CANADA	27,633,621	617,133	28,250,754	33,614,170	856,712	34,470,882	61,247,791	1,473,845	62,721,636
IN UNITED STATES.									
ALLOUÉZ	248,084		248,084				248,084		248,084
CULLUTH	2,397,744	62,167	2,459,911	839	46,789	47,628	2,398,583	108,956	2,507,539
SUPERIOR	448,281	5,558	453,839		5,385	5,385	448,281	10,943	459,224
SILVER BAY	112,253		112,253				112,253		112,253
TACONITE	1,260,474		1,260,474				1,260,474		1,260,474
OTHER U.S. LAKE SUPERIOR	402,149		402,149				402,149		402,149
CHICAGO	3,496,764	369,233	3,865,997	394,365	1,802,178	2,196,543	3,891,129	2,171,411	6,062,540
GARY	96,649	185,457	282,106	2,245,266		2,245,266	2,341,935	185,457	2,527,392
INDIANA HARBOUR	6,228	14,139	20,367	790,837		790,837	797,065	14,139	811,204
MILWAUKEE	646,136	201,087	847,223	30,203	238,528	268,731	676,339	439,615	1,115,954
OTHER U.S. LAKE MICHIGAN	276,371	54,905	331,276	84,776	26,938	111,714	361,147	81,843	442,990
UNITED STATES LAKE HURON	305,689	32,058	337,747	127,303	4,868	132,171	432,992	36,926	469,918
DETROIT	717,526	183,348	900,874	383,962	1,408,181	1,792,143	1,101,488	1,591,529	2,693,017
OTHER U.S. ST. CLAIR LAKE AND RIVER AND DETROIT RIVER	115,552	1,275	116,827	131,533	2,641	134,174	247,085	3,916	251,001
ASHTABULA	1,979,472	1,457	1,980,929	1,010,905	56,747	1,067,652	2,990,377	58,204	3,048,581
BUFFALO	198,998	2,715	201,713	853,935	19,761	873,696	1,052,933	22,476	1,075,409
CLEVELAND	195,729	319,561	515,290	3,797,467	625,875	4,423,342	3,993,196	945,436	4,938,632
CONNEAULT	4,804,216	172	4,804,388	2,246,276		2,246,276	7,050,492	172	7,050,664
ERIE	34,889	47,125	82,014	24,877	9,650	34,527	59,766	56,775	116,541
LACKAWANA				104,693		104,693	104,693		104,693
LCRAIN				78,577		78,577	78,577		78,577
SANCLUSKY	3,305,545		3,305,545				3,305,545		3,305,545
TELECC	2,989,493	26,587	3,016,080	236,332	272,694	509,026	3,225,825	299,281	3,525,106
OTHER U.S. LAKE ERIE	131,208		131,208	368,158		368,158	499,406		499,406
OSWEGO	24,371		24,371	289,686	1,897	291,583	314,057	1,897	315,954
ROCHESTER	3,128	2,106	5,234	30,500	16,568	47,068	33,628	18,674	52,302
OTHER U.S. LAKE ONTARIO AND ST-LAWR. RIVER TO GOENSBURG	4,848	7,031	11,879	173,460		173,460	178,308	7,031	185,339
U.S. ST. LAWRENCE CANAL	5,271		5,271	170,006		170,006	175,277		175,277
U.S. ATLANTIC & GULF MEXICO	290,593	3,801	294,394	50,461	4,432	54,893	341,054	8,233	349,287
U.S. HUDSON RIVER	132,411		132,411	181,440		181,440	313,851		313,851
TOTAL UNITED STATES	24,630,072	1,519,782	26,149,854	13,805,917	4,543,132	18,349,049	38,435,989	6,062,914	44,498,903
IN COUNTRIES OTHER THAN CANADA AND UNITED STATES									
	1,504,679	5,053,796	6,558,475	6,348,285	1,790,843	8,139,128	7,852,964	6,844,639	14,697,603
GRAND TOTALS	53,768,372	7,190,711	60,959,083	53,768,372	7,190,687	60,959,059	107,536,744	14,381,398	121,918,142

SEE FOOTNOTE BELOW TABLE 9

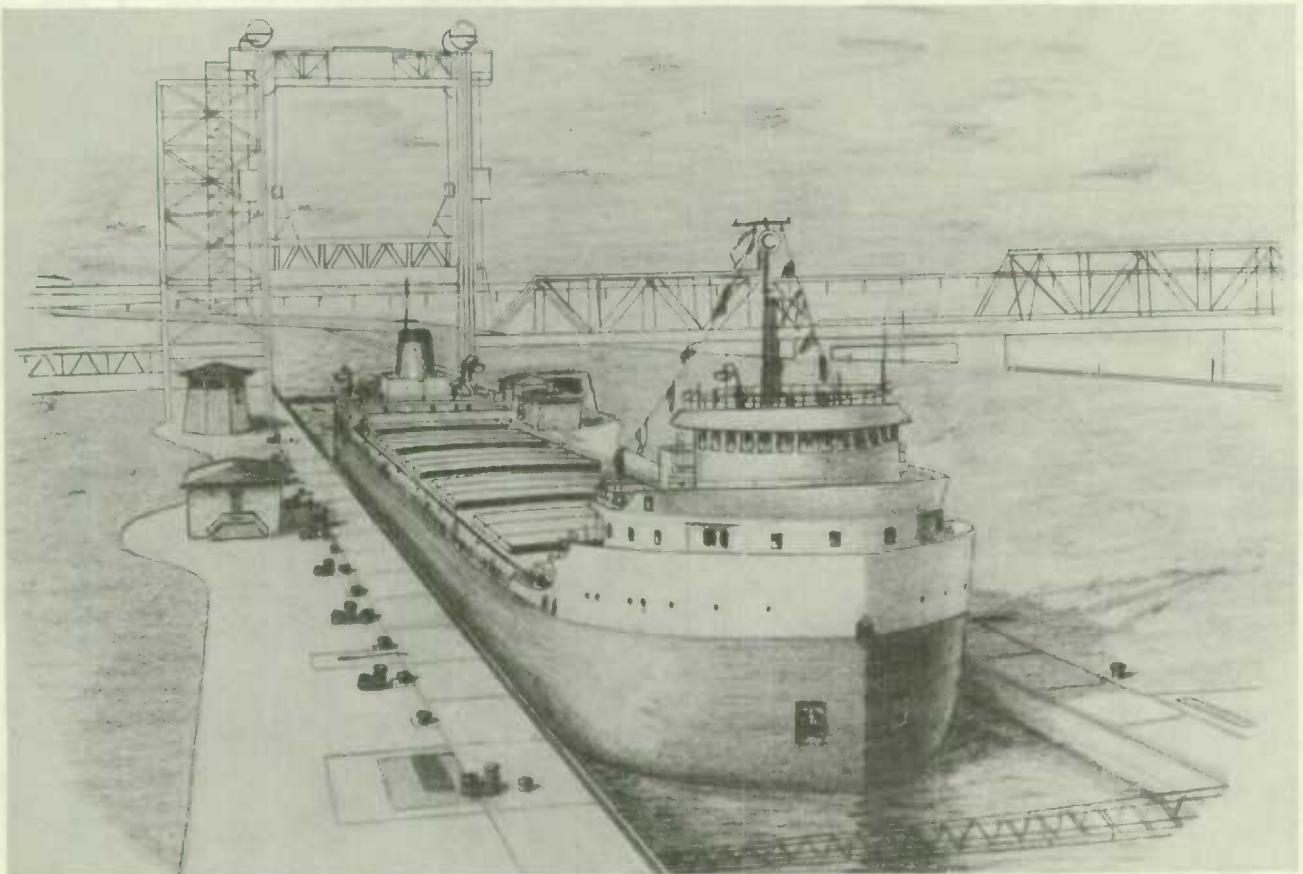
TABLE 9. CARGO TONNAGE THROUGH THE CANADIAN SAULT STE. MARIE ONLY, LOADED & UNLOADED AT SPECIFIED CANADIAN AND UNITED STATES PORTS

PORT	LOADED			UNLOADED			TOTAL		
	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL
IN CANADA.									
FORT WILLIAM - PORT ARTHUR ..	165,876	172,406	338,282	431,484	207	431,691	597,360	172,613	769,973
OTHER CANADIAN LAKE SUPERIOR ..	326,410	19,861	346,271	179,940	826	180,766	506,350	23,687	527,037
GODERICH	21,000		21,000	7,948		7,948	28,948		28,948
OTHER CANADIAN LAKE HURON ..	24,881		24,881	89,168		89,168	114,049		114,049
SARNIA	179,008		179,008	8,864		8,864	187,872		187,872
WINDSOR	63,594	26	63,620	19,166		19,166	82,760	26	82,786
CANADIAN ST. CLAIR LAKE AND RIVER AND DETROIT RIVER	42,923		42,923	5,713		5,713	48,636		48,636
OTHER LAKE ERIE PORTS	377		377				377		377
TOTAL CANADA ..	824,069	192,293	1,016,362	742,283	1,033	743,316	1,566,352	193,326	1,759,678
IN UNITED STATES.									
DULUTH	365		365	358		358	723		723
SUPERIOR	73,461	9,706	83,167				73,461	9,706	83,167
OTHER U.S. LAKE SUPERIOR ..				46,941		46,941	46,941		46,941
CHICAGO	46,941		46,941		49,094	49,094	46,941	49,094	96,035
MILWAUKEE				9,969	36,109	46,078	9,969	35,109	46,078
OTHER U.S. LAKE MICHIGAN ...	1,900		1,900	179,791	14,322	194,113	181,691	14,322	196,013
UNITED STATES LAKE HURON ...	3,528	17	3,545	22,221	17,158	39,379	25,749	17,175	42,924
DETROIT		556	556	11,209	53,495	64,704	11,209	54,051	65,260
BUFFALO	2,675		2,675				2,675		2,675
CLEVELAND	5,815	62	5,877		12,962	12,962	5,815	13,024	18,839
SANDUSKY	11,000		11,000				11,000		11,000
TOLEDO	19,264	77	19,341	2,990	18,833	21,823	22,254	18,910	41,164
OTHER U.S. LAKE ERIE				17,156		17,156	17,156		17,156
TOTAL UNITED STATES ..	164,949	10,418	175,367	290,635	201,973	492,608	455,584	212,391	667,975
IN COUNTRIES OTHER THAN CANADA AND UNITED STATES ...	235,817	295	236,112	191,917		191,917	427,734	295	428,029
GRAND TOTALS	1,224,835	203,006	1,427,841	1,224,835	203,006	1,427,841	2,449,670	406,012	2,855,682

FOOTNOTE: THIS TABLE EXCLUDES DUPLICATION THROUGH MORE THAN ONE CANAL. FURTHER, TOTAL LOADED IN CANADA, U.S.A. AND OTHER COUNTRIES EQUALS TOTAL UNLOADINGS IN THE THREE.

SECTION II

THE MONTREAL — LAKE ONTARIO SECTION OF THE ST. LAWRENCE SEAWAY



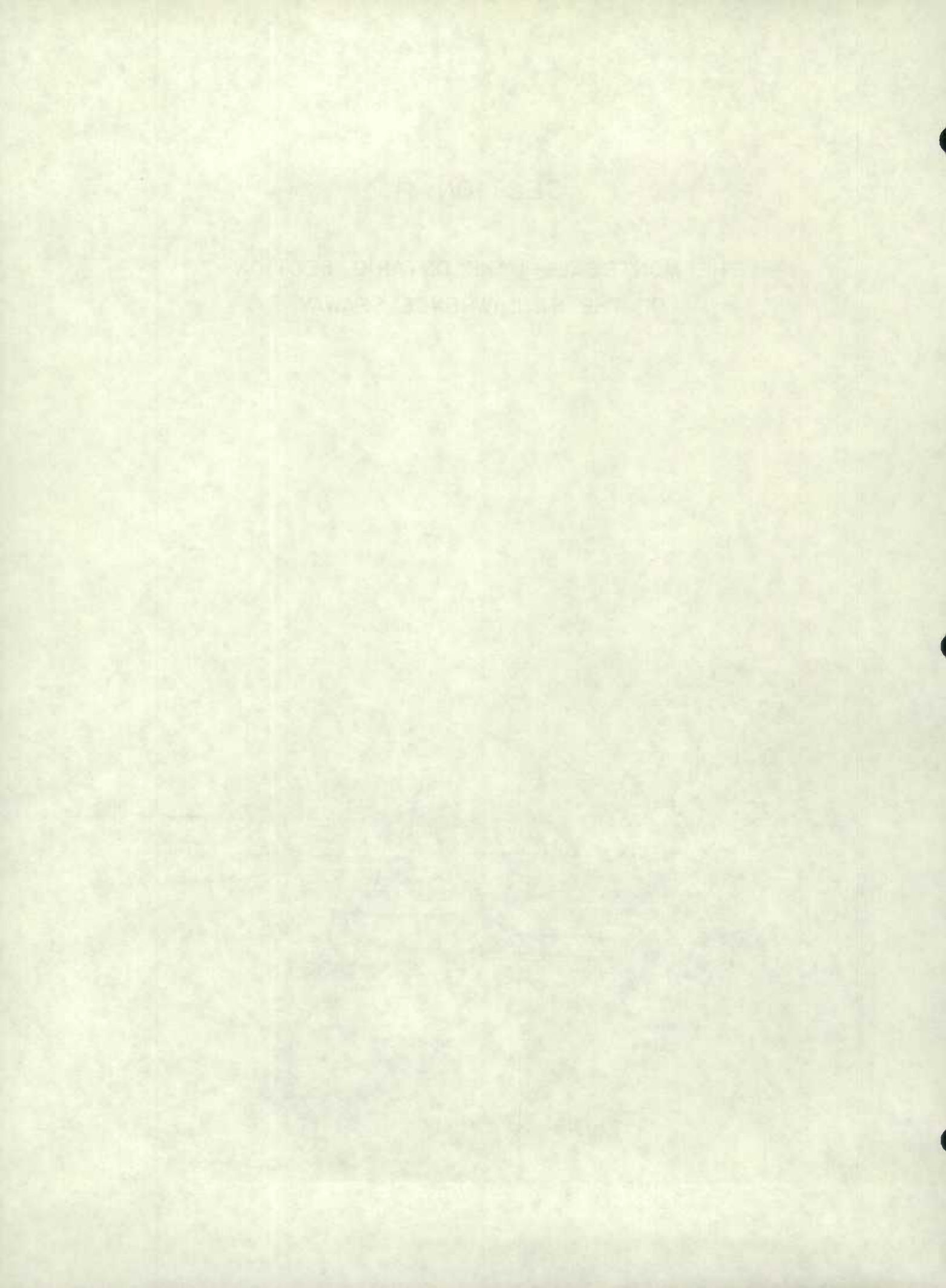


TABLE 1. NUMBER AND TONNAGE OF VESSELS, CARGO TONNAGE, AND PASSENGERS THROUGH THE ST. LAWRENCE CANALS BY KIND OF VESSEL.

KIND OF VESSEL	NUMBER OF VESSELS			REGISTERED NET TONS	GROSS TONS	CARGO TONS	NUMBER OF PASSENGERS
	IN BALLAST	WITH CARGO	TOTAL				
UPBOUND.							
CARGO	435	1,928	2,363	12,893,173	18,752,621	18,993,010	2,340
SCOW, BARGE, ETC	1		1	1	40		
TANKER	18	608	626	1,703,539	2,685,130	3,469,429	
TUG OR DREDGE	98		98	1,707	17,864		
TUG AND SCOW	44	5	49	29,885	30,548	2,470	
NAVAL OR GOVERNMENT	186		186	7,835	39,943		
OTHER	24		24	240	9,477		
TOTAL	806	2,541	3,347	14,636,380	21,535,623	22,464,909	2,340
DOWNBOUND.							
CARGO	522	1,848	2,370	12,861,576	18,744,834	18,036,643	2,291
TANKER	517	103	620	1,690,051	2,660,892	564,814	
TUG OR DREDGE	55		55	55	8,084		
TUG AND SCOW	69	1	70	98,061	104,379	1,000	
NAVAL OR GOVERNMENT	203		203	1,994	56,749		
OTHER	19		19	28	8,438		
TOTAL	1,385	1,952	3,337	14,651,765	21,583,376	18,602,457	2,291
GRAND TOTALS	2,191	4,493	6,684	29,288,145	43,118,999	41,067,366	4,631

TABLE 2. NUMBER AND TONNAGE OF VESSELS, CARGO TONNAGE, AND PASSENGERS THROUGH THE ST. LAWRENCE CANALS BY REGISTRY OF VESSEL.

COUNTRY OF REGISTRY	NUMBER OF VESSELS			REGISTERED NET TONS	GROSS TONS	CARGO TONS	NUMBER OF PASSENGERS
	IN BALLAST	WITH CARGO	TOTAL				
UPBOUND							
CANADA	443	1,399	1,842	8,762,387	11,444,646	15,398,243	65
UNITED STATES	229	19	248	202,661	324,776	174,338	2,045
UNITED KINGDOM	11	211	222	804,376	1,482,907	1,118,216	7
OTHER BRITISH COMMONWEALTH	12	44	56	282,390	471,534	360,155	
BELGIUM	1	11	12	141,195	188,281	204,990	
DENMARK	5	29	34	238,005	412,324	273,145	
FINLAND		3	3	6,033	11,921	5,296	
FRANCE	6	40	46	288,040	466,381	429,757	
GERMANY	16	196	212	490,789	865,398	541,905	86
GREECE	10	67	77	407,111	667,425	536,586	
ITALY		27	27	130,926	236,905	216,037	
NETHERLANDS	5	23	28	76,842	142,040	87,060	
NORWAY	29	208	237	1,201,328	2,132,157	1,198,561	42
SWEDEN	5	37	42	165,105	291,148	166,838	3
SPAIN	10	4	14	89,292	136,182	22,374	
YUGOSLAVIA	3	28	31	126,426	220,122	179,407	90
OTHER EUROPEAN COUNTRIES	1	40	41	138,792	256,699	77,732	
PANAMA	4	7	11	47,220	82,697	67,477	
CENTRAL AMERICAN & CARIBBEAN		1	1	5,238	9,390	8,960	2
SOUTH AMERICAN COUNTRIES		2	2	11,535	16,279	3,200	
MIDDLE EAST COUNTRIES	1	24	25	145,153	245,544	221,623	
JAPAN	1	25	26	130,017	220,636	113,036	
LIBERIA	14	95	109	739,839	1,200,994	1,059,014	
OTHER AFRICAN COUNTRIES		1	1	5,680	9,237	959	
TOTAL	806	2,541	3,347	14,636,380	21,535,623	22,464,909	2,340
DOWNBOUND							
CANADA	995	826	1,821	8,785,916	11,485,371	10,375,982	65
UNITED STATES	243	27	270	233,656	382,264	121,812	2,050
UNITED KINGDOM	38	180	218	790,410	1,455,696	1,108,116	
OTHER BRITISH COMMONWEALTH	17	40	57	287,135	483,625	320,644	
BELGIUM		11	11	126,473	179,201	196,089	
DENMARK	5	28	33	231,784	403,092	390,456	
FINLAND		3	3	6,033	11,921	2,430	
FRANCE		45	45	275,850	448,743	503,675	
GERMANY	3	201	204	478,667	846,326	784,673	98
GREECE	10	67	77	404,555	661,144	561,314	
ITALY		27	27	130,926	236,905	245,363	
NETHERLANDS	1	27	28	77,483	142,040	93,289	
NORWAY	29	209	238	1,211,438	2,145,698	1,936,815	27
SWEDEN	7	32	39	147,390	258,313	162,727	
SPAIN	1	13	14	88,363	136,182	168,710	
YUGOSLAVIA		32	32	126,381	223,539	228,239	44
OTHER EUROPEAN COUNTRIES	4	38	42	141,245	262,345	89,745	
PANAMA		11	11	49,725	86,516	116,543	
CENTRAL AMERICAN & CARIBBEAN		2	2	10,476	18,780	7,621	7
SOUTH AMERICAN COUNTRIES		3	3	14,917	25,628	1,888	

TABLE 2. NUMBER AND TONNAGE OF VESSELS, CARGO TONNAGE, AND PASSENGERS THROUGH THE ST. LAWRENCE CANALS BY REGISTRY OF VESSEL.

COUNTRY OF REGISTRY	NUMBER OF VESSELS			REGISTERED NET TONS	GROSS TONS	CARGO TONS	NUMBER OF PASSENGERS
	IN BALLAST	WITH CARGO	TOTAL				
MIDDLE EAST COUNTRIES		25	25	144,452	245,544	235,656	
JAPAN	1	25	26	130,490	221,316	96,480	
LIBERIA	31	79	110	752,320	1,213,350	848,672	
OTHER AFRICAN COUNTRIES		1	1	5,680	9,237	5,518	
TOTAL	1,385	1,952	3,337	14,651,765	21,583,376	18,602,457	2,291
GRAND TOTALS	2,191	4,493	6,684	29,288,145	43,118,999	41,067,366	4,631

TABLE 3. NUMBER AND TONNAGE OF VESSELS, CARGO TONNAGE, AND PASSENGERS THROUGH THE ST. LAWRENCE CANALS BY LENGTH OF VESSEL.

LENGTH OF VESSEL	NUMBER OF VESSELS			REGISTERED NET TONS	GROSS TONS	CARGO TONS	NUMBER OF PASSENGERS
	IN BALLAST	WITH CARGO	TOTAL				
UPBOUND.							
UNDER 80 FEET	278		278	2,593	8,006		2,110
80 TO 119 FEET	119	21	140	9,422	29,304	6,000	
120 TO 159 FEET	50	29	79	25,171	39,333	11,976	
160 TO 199 FEET	25	26	51	12,284	34,934	15,129	
200 TO 239 FEET	5	16	21	11,947	27,064	22,308	
240 TO 279 FEET	82	301	383	520,394	798,477	890,385	
280 TO 319 FEET	16	97	113	173,706	288,922	296,099	
320 TO 359 FEET	7	272	279	602,154	934,938	1,109,855	30
360 TO 399 FEET	11	250	261	597,798	1,018,606	1,001,786	43
400 TO 439 FEET	16	248	264	834,048	1,352,579	861,515	54
440 TO 479 FEET	32	210	242	963,323	1,628,730	960,919	56
480 TO 519 FEET	32	232	264	1,334,626	2,380,999	1,747,341	42
520 TO 559 FEET	27	207	234	1,465,642	2,313,222	2,089,995	3
560 TO 599 FEET	18	113	131	1,056,247	1,667,990	1,376,944	
600 TO 639 FEET	34	97	131	1,077,029	1,497,997	1,379,063	
640 TO 679 FEET	5	62	67	667,859	915,089	1,246,127	
680 TO 759 FEET	49	360	409	5,282,137	6,599,433	9,449,467	
TOTAL	806	2,541	3,347	14,636,380	21,535,623	22,466,909	2,340
DOWNBOUND.							
UNDER 80 FEET	262	1	263	7,844	16,051	11,775	2,039
80 TO 119 FEET	123		123	9,351	25,308	3,194	76
120 TO 159 FEET	63	17	80	23,430	38,927	9,556	
160 TO 199 FEET	41	18	59	15,187	41,283	11,111	
200 TO 239 FEET	14	8	22	11,829	28,687	10,005	
240 TO 279 FEET	233	153	386	519,687	804,887	452,025	
280 TO 319 FEET	30	84	114	177,797	292,686	268,054	
320 TO 359 FEET	152	125	277	594,865	921,929	407,232	10
360 TO 399 FEET	92	166	258	589,305	1,001,179	524,871	53
400 TO 439 FEET	53	213	266	846,703	1,361,394	822,580	16
440 TO 479 FEET	20	221	241	937,698	1,608,902	1,183,872	48
480 TO 519 FEET	18	253	271	1,372,243	2,433,244	2,063,495	49
520 TO 559 FEET	63	176	239	1,493,971	2,340,508	2,142,347	
560 TO 599 FEET	44	87	131	1,059,417	1,667,592	1,327,041	
600 TO 639 FEET	17	115	132	1,073,231	1,506,079	1,698,857	
640 TO 679 FEET	12	54	66	646,266	889,333	979,068	
680 TO 759 FEET	148	261	409	5,272,941	6,605,387	6,687,374	
TOTAL	1,385	1,952	3,337	14,651,765	21,583,376	18,602,457	2,291
GRAND TOTALS	2,191	4,493	6,684	29,288,145	43,118,999	41,067,366	4,631

TABLE 4A. NUMBER AND TONNAGE OF VESSELS UPBOUND THROUGH THE ST. LAWRENCE CANALS BY REGISTRY OF VESSEL, ORIGIN AND DESTINATION.

ORIGIN AND COUNTRY OF REGISTRY	DESTINED TO								
	CANADA			UNITED STATES			TOTAL		
	VESSELS	REG. NET	GROSS TONS	VESSELS	REG. NET	GROSS TONS	VESSELS	REG. NET	GROSS TONS
ST. LAWRENCE RIVER PORTS									
COUNTRY OF REGISTRY									
CANADA	1,051	3,194,115	4,377,863	746	5,368,541	6,777,665	1,797	8,562,656	11,155,528
UNITED STATES	7	7	1,948	210	61,401	100,564	217	61,408	102,512
UNITED KINGDOM	1	2,458	4,902	2	9,101	14,943	3	11,559	19,845
OTHER COMMONWEALTH COUNTRIES	2	7,222	12,647	8	52,930	68,042	10	60,152	80,689
GERMANY	2	2	471	1	1,477	2,411	3	1,479	2,882
GREECE	1	8,474	14,622	1	9,517	14,203	2	17,991	28,825
NORWAY	4	14,045	23,483	2	9,261	19,496	6	23,306	42,979
LIBERIA				2	9,320	16,417	2	9,320	16,417
TOTAL	1,068	3,226,323	4,435,936	972	5,521,548	7,013,741	2,040	8,747,871	11,449,677

TABLE 4A. NUMBER AND TONNAGE OF VESSELS UPBOUND THROUGH THE ST. LAWRENCE CANALS BY REGISTRY OF VESSEL, ORIGIN AND DESTINATION.

ORIGIN AND COUNTRY OF REGISTRY	DESTINED TO						TOTAL		
	CANADA			UNITED STATES			VESSELS	REG. NET	GROSS TONS
	VESSELS	REG. NET	GROSS TONS	VESSELS	REG. NET	GROSS TONS			
OTHER THAN ST. LAWRENCE RIVER PORTS									
COUNTRY OF REGISTRY									
CANADA	26	141,891	205,568	19	57,840	83,550	45	199,731	289,118
UNITED STATES	1	1	286	30	141,252	221,978	31	141,253	222,264
UNITED KINGDOM	82	225,721	407,649	137	567,096	1,055,413	219	792,817	1,463,062
OTHER COMMONWEALTH COUNTRIES	14	70,257	125,528	32	151,981	265,317	46	222,238	390,845
BELGIUM				12	141,195	188,281	12	141,195	188,281
DENMARK	10	60,592	104,604	24	177,413	307,720	34	238,005	412,324
FINLAND				3	6,033	11,921	3	6,033	11,921
FRANCE	1	3,803	7,109	45	284,237	459,272	46	288,040	466,381
GERMANY	30	55,937	97,073	179	433,373	765,443	209	489,310	862,516
GREECE	12	50,551	85,717	63	338,569	552,883	75	389,120	638,600
ITALY	2	10,826	18,469	25	120,100	218,436	27	130,926	236,905
NETHERLANDS	1	1,189	2,598	27	75,653	139,442	28	76,842	142,040
NORWAY	40	150,805	279,085	191	1,027,217	1,810,093	231	1,178,022	2,089,178
SWEDEN	16	55,140	103,628	26	109,965	187,520	42	165,105	291,148
SPAIN				14	89,292	136,182	14	89,292	136,182
YUGOSLAVIA	1	10,403	16,955	30	116,023	203,167	31	126,426	220,122
OTHER EUROPEAN COUNTRIES	33	89,172	174,396	8	49,620	82,303	41	138,792	256,699
PANAMA	1	3,377	6,036	10	43,843	76,661	11	47,220	82,697
CENTRAL AMER. AND CARIBBEAN	1	5,238	9,390				1	5,238	9,390
SOUTH AMERICAN COUNTRIES				2	11,535	16,279	2	11,535	16,279
MIDDLE EAST COUNTRIES	3	27,107	44,423	22	118,046	201,121	25	145,153	245,544
JAPAN	4	19,448	33,896	22	110,569	186,740	26	130,017	220,636
LIBERIA	31	220,213	382,092	76	510,306	802,485	107	730,519	1,184,577
OTHER AFRICAN COUNTRIES				1	5,680	9,237	1	5,680	9,237
TOTAL	309	1,201,671	2,104,502	998	4,686,838	7,981,444	1,307	5,888,509	10,085,946
GRAND TOTALS	1,377	4,427,994	6,540,438	1,970	10,208,386	14,995,185	3,347	14,636,380	21,535,623

TABLE 4B. NUMBER AND TONNAGE OF VESSELS DOWNBOUND THROUGH THE ST. LAWRENCE CANALS BY REGISTRY OF VESSEL, ORIGIN AND DESTINATION.

DESTINATION AND COUNTRY OF REGISTRY	ORIGINATING IN						TOTAL		
	CANADA			UNITED STATES			VESSELS	REG. NET	GROSS TONS
	VESSELS	REG. NET	GROSS TONS	VESSELS	REG. NET	GROSS TONS			
ST. LAWRENCE RIVER PORTS									
COUNTRY OF REGISTRY									
CANADA	1,167	4,609,120	6,151,918	590	3,908,811	4,951,211	1,757	8,517,931	11,103,129
UNITED STATES	4	4,456	4,946	210	62,234	96,433	214	66,690	101,379
UNITED KINGDOM	1	6,694	10,820				1	6,694	10,820
OTHER COMMONWEALTH COUNTRIES	2	12,535	19,220	6	39,327	50,612	8	51,862	69,832
NORWAY	2	4,228	7,599				2	4,228	7,599
SWEDEN	1	2,622	4,687				1	2,622	4,687
LIBERIA	1	6,175	10,499				1	6,175	10,499
TOTAL	1,178	4,645,830	6,209,689	806	4,010,372	5,098,256	1,984	8,656,202	11,307,945
OTHER THAN ST. LAWRENCE RIVER PORTS									
COUNTRY OF REGISTRY									
CANADA	58	227,568	322,449	6	40,417	59,793	64	267,985	382,242
UNITED STATES	6	17,354	22,525	50	149,612	258,360	56	166,966	280,885
UNITED KINGDOM	82	232,850	417,772	135	550,866	1,027,104	217	783,716	1,444,876
OTHER COMMONWEALTH COUNTRIES	15	75,189	133,914	34	160,084	279,879	49	235,273	413,793
BELGIUM				11	126,473	179,201	11	126,473	179,201
DENMARK	4	6,174	11,388	29	225,610	391,704	33	231,784	403,092
FINLAND				3	6,033	11,921	3	6,033	11,921
FRANCE	6	38,154	61,831	39	237,696	386,912	45	275,850	448,743
GERMANY	33	80,283	138,682	171	398,384	707,644	204	478,667	846,326
GREECE	23	101,926	164,544	54	302,629	496,600	77	404,555	661,144
ITALY	3	13,213	24,915	24	117,713	211,990	27	130,926	236,905
NETHERLANDS	1	1,189	2,598	27	76,294	139,442	28	77,483	142,040
NORWAY	45	183,269	335,812	191	1,023,941	1,802,287	236	1,207,210	2,138,099
SWEDEN	14	48,029	90,785	24	96,739	162,841	38	144,768	253,626
SPAIN				14	88,363	136,182	14	88,363	136,182
YUGOSLAVIA				32	126,381	223,539	32	126,381	223,539
OTHER EUROPEAN COUNTRIES	34	91,390	180,054	8	49,855	82,291	42	141,245	262,345
PANAMA	2	9,794	16,052	9	39,931	70,464	11	49,725	86,516
CENTRAL AMER. AND CARIBBEAN	2	10,476	18,780				2	10,476	18,780
SOUTH AMERICAN COUNTRIES				3	14,917	25,628	3	14,917	25,628
MIDDLE EAST COUNTRIES	1	3,345	5,954	24	141,107	239,590	25	144,452	245,544
JAPAN	4	19,448	33,896	22	111,042	187,420	26	130,490	221,316
LIBERIA	32	235,623	397,726	77	510,522	805,725	109	746,145	1,203,451
OTHER AFRICAN COUNTRIES				1	5,680	9,237	1	5,680	9,237
TOTAL	365	1,395,274	2,379,677	988	4,600,289	7,895,754	1,353	5,995,563	10,275,431
GRAND TOTALS	1,543	6,041,104	8,589,366	1,794	8,610,661	12,994,010	3,337	14,651,765	21,583,376

TABLE 5. NUMBER AND TONNAGE OF VESSELS THROUGH THE ST. LAWRENCE CANALS BY REGISTRY OF VESSEL AND BY RTG.

COUNTRY OF REGISTRY	STEAM			MOTOR			OTHER			TOTAL		
	NO. OF VESSELS	REG. NET TONS	GROSS TONS	NO. OF VESSELS	REG. NET TONS	GROSS TONS	NO. OF VESSELS	REG. NET TONS	GROSS TONS	NO. OF VESSELS	REG. NET TONS	GROSS TONS
UPBOUND.												
CANADA	784	5,491,978	7,114,520	1,017	3,245,509	4,304,783	41	24,900	25,343	1,842	8,762,387	11,444,646
UNITED STATES ..	22	104,523	171,117	218	94,284	149,546	8	3,854	4,113	248	202,661	324,776
UNITED KINGDOM ..	33	95,232	174,799	189	709,144	1,308,108				222	804,376	1,482,907
OTHER BRITISH COMMONWEALTH ..	8	52,930	68,042	48	229,460	403,492				56	282,390	471,534
BELGIUM				12	141,195	188,281				12	141,195	198,281
DENMARK				34	238,005	412,324				34	238,005	412,324
FINLAND				3	6,033	11,921				3	6,033	11,921
FRANCE	1	9,827	16,516	45	278,213	449,865				46	288,040	466,381
GERMANY	2	9,573	15,969	210	481,216	849,429				212	490,789	865,398
GREECE	4	21,620	35,716	73	385,491	631,709				77	407,111	667,425
ITALY				27	130,926	236,905				27	130,926	236,905
NETHERLANDS ..				28	76,842	142,040				28	76,842	142,040
NORWAY	3	7,228	16,496	233	1,192,968	2,114,529	1	1,132	1,132	237	1,201,328	2,132,157
SWEDEN				42	165,105	291,148				42	165,105	291,148
SPAIN	1	863	1,568	13	88,429	134,614				14	89,292	136,182
YUGOSLAVIA				31	126,426	220,122				31	126,426	220,122
OTHER EUROPEAN ..				41	138,792	256,699				41	138,792	256,699
PANAMA				11	47,220	82,697				11	47,220	82,697
CENTRAL AMERICAN & CARIBBEAN ..				1	5,238	9,390				1	5,238	9,390
SOUTH AMERICAN ..	1	5,067	6,930	1	6,468	9,349				2	11,535	16,279
MIDDLE EAST				25	145,153	245,544				25	145,153	245,544
JAPAN				26	130,017	220,636				26	130,017	220,636
LIBERIA	20	155,606	273,276	89	584,233	927,718				109	739,839	1,200,994
OTHER AFRICAN ..				1	5,680	9,237				1	5,680	9,237
TOTAL	879	5,954,447	7,894,949	2,418	8,652,047	13,610,086	50	29,886	30,588	3,347	14,636,380	21,535,623
DOWNBOUND.												
CANADA	788	5,462,127	7,103,611	982	3,265,457	4,321,027	51	58,332	60,733	1,821	8,785,916	11,465,371
UNITED STATES ..	22	102,643	170,369	230	92,297	169,262	18	38,716	42,633	270	233,656	382,264
UNITED KINGDOM ..	31	79,949	147,467	187	710,461	1,308,229				218	790,410	1,455,698
OTHER BRITISH COMMONWEALTH ..	9	60,837	84,528	48	226,298	399,097				57	287,135	483,825
BELGIUM				11	126,473	179,201				11	126,473	179,201
DENMARK				33	231,784	403,092				33	231,784	403,092
FINLAND				3	6,033	11,921				3	6,033	11,921
FRANCE	1	2,889	4,959	45	275,850	448,743				45	275,850	448,743
GERMANY	2	9,573	15,969	203	475,778	841,367				204	478,667	846,326
GREECE	4	20,593	35,068	73	383,962	626,076				77	404,555	661,144
ITALY				27	130,926	236,905				27	130,926	236,905
NETHERLANDS ..				28	77,483	142,040				28	77,483	142,040
NORWAY	4	12,614	23,982	233	1,197,811	2,120,703	1	1,013	1,013	238	1,211,438	2,145,698
SWEDEN				39	147,390	258,313				39	147,390	258,313
SPAIN	1	863	1,568	13	87,500	134,614				14	88,363	136,182
YUGOSLAVIA				32	126,381	223,539				32	126,381	223,539
OTHER EUROPEAN ..	1	1,536	3,361	41	139,709	258,984				42	141,245	262,345
PANAMA	1	6,417	10,016	10	43,308	76,500				11	49,725	86,516
CENTRAL AMERICAN & CARIBBEAN ..				2	10,476	18,780				2	10,476	18,780
SOUTH AMERICAN ..				3	14,917	25,628				3	14,917	25,628
MIDDLE EAST				25	144,452	245,544				25	144,452	245,544
JAPAN				26	130,490	221,316				26	130,490	221,316
LIBERIA	22	178,837	302,932	88	573,483	911,018				110	752,320	1,213,950
OTHER AFRICAN ..				1	5,680	9,237				1	5,680	9,237
TOTAL	884	5,929,305	7,887,861	2,383	8,624,399	13,591,136	70	98,061	104,379	3,337	14,651,765	21,583,376
GRAND TOTALS ..	1,763	11,883,752	15,782,810	4,801	17,276,446	27,201,222	120	127,947	134,967	6,684	29,288,145	43,118,999

TABLE 6. NUMBER AND TONNAGE OF VESSELS THROUGH THE ST. LAWRENCE CANALS BY KIND AND LENGTH.

KIND AND LENGTH OF VESSEL	UPBOUND			DOWNBOUND			TOTAL		
	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS
CARGO VESSEL.									
UNDER 80 FEET	108	108	1,548	107	107	1,537	215	215	3,085
80 TO 119 FEET	21	3,717	4,767	25	3,791	5,184	46	7,508	9,951
120 TO 159 FEET	39	9,070	15,776	39	9,070	15,695	78	18,140	31,471
160 TO 199 FEET	32	9,407	17,349	32	9,407	17,349	64	18,814	34,698
200 TO 239 FEET	15	8,369	16,243	15	8,369	16,243	30	16,738	32,486
240 TO 279 FEET	146	210,132	308,848	149	215,355	316,015	295	425,487	624,863
280 TO 319 FEET	86	131,493	218,635	86	132,239	219,054	172	263,732	437,689
320 TO 359 FEET	151	295,381	494,393	150	288,726	484,134	301	584,107	978,527
360 TO 399 FEET	168	327,949	606,343	164	314,858	584,764	332	642,807	1,191,107
400 TO 439 FEET	207	638,819	1,060,855	207	638,056	1,059,074	414	1,276,875	2,119,929
440 TO 479 FEET	235	939,986	1,587,977	233	914,360	1,560,897	468	1,854,346	3,148,874
480 TO 519 FEET	247	1,249,178	2,231,338	252	1,275,696	2,272,400	499	2,524,874	4,503,738
520 TO 559 FEET	198	1,221,948	1,899,824	202	1,248,169	1,929,850	400	2,470,117	3,829,674
560 TO 599 FEET	108	477,071	1,354,646	107	467,415	1,340,279	215	1,744,486	2,694,925

TABLE 6. NUMBER AND TONNAGE OF VESSELS THROUGH THE ST. LAWRENCE CANALS BY KIND AND LENGTH.

KIND AND LENGTH OF VESSEL	UPBOUND			DOWNBOUND			TOTAL		
	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS
600 TO 639 FEET	126	1,020,549	1,419,557	127	1,016,751	1,427,639	253	2,037,300	2,847,196
640 TO 679 FEET	67	667,859	915,089	66	646,266	889,333	133	1,314,125	1,804,422
680 TO 759 FEET	409	5,282,137	6,599,433	409	5,272,941	6,605,387	818	10,555,078	13,204,820
TOTALS	2,363	12,893,173	18,752,621	2,370	12,861,576	18,744,834	4,733	25,754,749	37,497,455
BARGE OR SCOW. UNDER 80 FEET	1	1	40				1	1	40
TOTALS	1	1	40				1	1	40
TANKER. UNDER 80 FEET									
200 TO 239 FEET	1	2,442	3,367	2	8,278	13,249	3	10,720	16,616
240 TO 279 FEET	234	300,691	480,058	232	298,017	475,509	466	598,708	955,567
280 TO 319 FEET	26	42,212	64,609	26	42,212	64,609	52	84,424	129,218
320 TO 359 FEET	128	306,773	440,545	126	302,198	433,854	254	608,971	874,399
360 TO 399 FEET	92	268,057	409,231	92	268,202	408,931	184	536,259	818,162
400 TO 439 FEET	57	195,229	291,724	55	186,988	280,661	112	382,217	572,385
440 TO 479 FEET	7	23,337	40,753	7	23,337	40,753	14	46,674	81,506
480 TO 519 FEET	17	85,448	149,661	17	83,385	147,682	34	168,833	297,343
520 TO 559 FEET	36	243,694	413,398	34	228,952	389,891	70	472,646	803,289
560 TO 599 FEET	23	179,176	313,344	24	192,002	327,313	47	371,178	640,657
600 TO 639 FEET	5	56,480	78,440	5	56,480	78,440	10	112,960	156,880
TOTALS	626	1,703,539	2,685,130	620	1,690,051	2,660,892	1,246	3,393,590	5,346,022
TUG OR DREDGE. UNDER 80 FEET	30	132	1,812	15	15	626	45	147	2,438
80 TO 119 FEET	64	363	13,194	40	40	7,458	104	403	20,652
120 TO 159 FEET	3	1,211	2,031				3	1,211	2,031
160 TO 199 FEET	1	1	827				1	1	827
TOTALS	98	1,707	17,864	55	55	8,084	153	1,762	25,948
TUG AND SCOW. UNDER 80 FEET	10	2,222	2,626	13	1,750	2,151	23	3,972	4,777
80 TO 119 FEET	16	5,303	5,496	17	5,479	6,348	33	10,782	11,844
120 TO 159 FEET	18	14,656	14,722	20	14,339	15,470	38	28,995	30,192
160 TO 199 FEET	2	2,201	2,201	4	5,757	5,757	6	7,958	7,958
200 TO 239 FEET	1	1,132	1,132	1	1,013	1,013	2	2,145	2,145
240 TO 279 FEET	2	4,371	4,371	3	6,313	6,313	5	10,684	10,684
280 TO 319 FEET				1	3,345	3,345	1	3,345	3,345
320 TO 359 FEET				1	3,941	3,941	1	3,941	3,941
360 TO 399 FEET				1	4,453	4,453	1	4,453	4,453
400 TO 439 FEET				4	21,659	21,659	4	21,659	21,659
480 TO 519 FEET				2	13,162	13,162	2	13,162	13,162
520 TO 559 FEET				3	16,850	20,767	3	16,850	20,767
TOTALS	49	29,885	30,548	70	98,061	104,379	119	127,946	134,927
OTHER VESSELS. UNDER 80 FEET	129	130	1,980	127	136	1,855	256	266	3,835
80 TO 119 FEET	39	39	5,847	41	41	6,318	80	80	12,165
120 TO 159 FEET	19	234	6,804	21	21	7,762	40	255	14,566
160 TO 199 FEET	16	675	14,557	23	23	18,177	39	698	32,734
200 TO 239 FEET	4	4	6,322	5	5	8,064	9	9	14,386
240 TO 279 FEET	1	5,200	5,200	2	7,050	7,050	3	5,202	12,250
280 TO 319 FEET	1	1	5,678	1	1	5,678	2	2	11,356
360 TO 399 FEET	1	1,792	3,032	1	1,792	3,031	2	3,584	6,063
440 TO 479 FEET				1	1	7,252	1	1	7,252
TOTALS	210	8,075	49,420	222	2,022	65,187	432	10,097	114,607
GRAND TOTALS	3,347	14,636,380	21,535,623	3,337	14,651,765	21,583,376	6,684	29,288,145	43,118,999

TABLE 7. NUMBER AND TONNAGE OF VESSELS THROUGH THE ST. LAWRENCE CANALS BY KIND AND DRAFT.

KIND AND DRAFT OF VESSEL	UPBOUND			DOWNBOUND			TOTAL		
	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS
CARGO VESSEL. 5 FEET AND UNDER	108	108	1,548	108	108	1,548	216	216	3,096
6 TO 7 FEET	2	767	1,584	7	1,281	2,314	9	2,048	3,898
8 TO 9 FEET	7	1,751	2,748	5	1,253	1,982	12	3,004	4,730
10 TO 11 FEET	25	14,724	23,178	18	10,787	20,329	43	25,511	43,507
12 TO 13 FEET	63	39,904	69,766	61	33,036	59,944	124	72,940	129,710
14 TO 15 FEET	68	97,893	177,552	63	87,236	153,415	131	185,129	330,967
16 TO 17 FEET	191	444,541	684,611	200	446,792	690,317	391	891,333	1,374,928
18 TO 19 FEET	181	403,162	604,441	176	340,643	539,257	357	743,805	1,143,698
20 TO 21 FEET	311	1,133,687	1,719,046	263	1,002,743	1,433,426	574	2,136,430	3,152,472

TABLE 7. NUMBER AND TONNAGE OF VESSELS THROUGH THE ST. LAWRENCE CANALS BY KIND AND DRAFT.

KIND AND DRAFT OF VESSEL	UPBOUND			DOWNBOUND			TOTAL		
	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS
22 TO 23 FEET	153	631,003	924,349	160	658,388	948,832	313	1,289,391	1,873,181
24 TO 25 FEET	313	2,016,010	2,908,526	315	1,895,610	2,741,122	628	3,911,620	5,649,648
26 TO 27 FEET	911	7,896,860	11,265,860	975	8,251,811	11,938,965	1,886	16,148,671	23,204,825
28 TO 29 FEET	12	65,609	116,811	10	62,920	99,532	22	128,529	216,343
30 FEET AND OVER	18	147,154	252,601	9	68,968	113,851	27	216,122	366,452
TOTALS	2,363	12,893,173	18,752,621	2,370	12,861,576	18,744,834	4,733	25,754,749	37,497,455
BARGE OR SCOW.									
5 FEET AND UNDER	1	1	40				1	1	40
TOTALS	1	1	40				1	1	40
TANKER.									
8 TO 9 FEET				1	3,322	4,630	1	3,322	4,630
12 TO 13 FEET				1	1,413	1,877	1	1,413	1,877
14 TO 15 FEET	115	150,880	224,634	116	154,387	230,828	231	305,267	455,462
16 TO 17 FEET	107	182,874	288,902	111	188,709	298,049	218	371,583	586,951
18 TO 19 FEET	66	96,353	165,336	60	81,270	137,133	126	177,623	302,469
20 TO 21 FEET	40	103,661	152,810	38	113,028	170,676	78	216,689	323,488
22 TO 23 FEET	169	489,375	748,285	175	547,111	849,111	344	1,036,486	1,597,396
24 TO 25 FEET	57	176,346	266,314	58	195,706	291,651	115	372,052	557,965
26 TO 27 FEET	62	440,739	734,093	46	316,294	528,716	108	757,033	1,262,809
28 TO 29 FEET	3	11,912	20,545	9	45,976	82,402	12	57,888	102,947
30 FEET AND OVER	7	49,399	84,211	5	42,835	65,819	12	92,234	150,030
TOTALS	626	1,703,539	2,685,130	620	1,690,051	2,660,892	1,246	3,393,590	5,346,022
TUG OR DREDGE.									
5 FEET AND UNDER	10	50	287	4	4	73	14	54	360
6 TO 7 FEET	17	17	2,750	8	8	637	25	25	3,387
8 TO 9 FEET	5	5	465	7	7	571	12	12	1,036
10 TO 11 FEET	16	1,286	3,111	7	7	1,089	23	1,293	4,200
12 TO 13 FEET	34	152	6,277	27	27	5,222	61	179	11,499
14 TO 15 FEET	14	195	3,855	2	2	492	16	197	4,347
16 TO 17 FEET	2	2	1,119				2	2	1,119
TOTALS	98	1,707	17,864	55	55	8,084	153	1,762	25,948
TUG AND BARGE.									
5 FEET AND UNDER	14	6,004	6,004	19	7,331	7,972	33	13,335	13,976
6 TO 7 FEET	9	4,181	4,247	9	6,305	6,305	18	10,486	10,592
8 TO 9 FEET	8	3,180	3,584	6	2,875	3,077	14	6,055	6,661
10 TO 11 FEET	6	5,832	5,832	11	5,372	6,930	17	11,204	12,762
12 TO 13 FEET	6	3,349	3,349	11	20,262	20,262	17	23,611	23,611
14 TO 15 FEET	5	5,147	5,340	7	18,686	18,686	12	23,833	24,026
16 TO 17 FEET	1	2,192	2,192	1	3,941	3,941	2	6,133	6,133
18 TO 19 FEET				4	23,676	27,593	4	23,676	27,593
28 TO 29 FEET				2	9,613	9,613	2	9,613	9,613
TOTALS	49	29,885	30,548	70	98,061	104,379	119	127,946	134,927
OTHER VESSELS.									
5 FEET AND UNDER	119	120	1,253	119	128	1,475	238	248	2,728
6 TO 7 FEET	60	60	10,591	57	57	10,698	117	117	21,289
8 TO 9 FEET	4	4	2,215	4	4	1,500	8	8	3,715
10 TO 11 FEET	4	4	2,825	6	6	4,061	10	10	6,886
12 TO 13 FEET	4	4	3,182	4	4	3,751	8	8	6,933
14 TO 15 FEET	14	2,679	14,946	14	14	14,217	28	2,693	29,163
16 TO 17 FEET	1	1	286	2	2	2,358	3	3	2,644
18 TO 19 FEET	1	1	2,018	3	1,794	7,067	4	1,795	9,085
20 TO 21 FEET	1	1	1,226	5	5	710	6	6	1,936
22 TO 23 FEET	1	1	5,678	5	5	13,662	6	6	19,340
24 TO 25 FEET	1	5,200	5,200	3	3	5,688	4	5,203	10,888
TOTALS	210	8,075	49,420	222	2,022	65,187	432	10,097	114,607
GRAND TOTALS	3,347	14,636,380	21,535,623	3,337	14,651,765	21,583,376	6,684	29,288,145	43,118,999

TABLE 8A. CARGO TONNAGE UPBOUND THROUGH THE ST. LAWRENCE CANALS BY ORIGIN AND DESTINATION.

PORTS OF LOADING	DESTINATION								
	CANADA			UNITED STATES			TOTAL		
	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL
ST. LAWRENCE RIVER PORTS.									
CANADA	4,695,386	30,075	4,725,461	10,509,582	82,243	10,591,825	15,204,968	112,318	15,317,186
UNITED STATES				5,271		5,271	5,271		5,271
TOTAL	4,695,386	30,075	4,725,461	10,514,853	82,243	10,597,096	15,210,239	112,318	15,322,557

TABLE 8A. CARGO TONNAGE UPBOUND THROUGH THE ST. LAWRENCE CANALS BY ORIGIN AND DESTINATION.

PORTS OF LOADING	CANADA			DESTINATION UNITED STATES			TOTAL		
	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL
OTHER THAN ST. LAWRENCE R. PORTS									
CANADA ATLANTIC PORTS	205,754		205,754	41,839	106,264	148,103	247,593	106,264	353,857
U.S. ATLANTIC AND GULF PORTS	134,421	1,437	135,858	50,459	2,364	52,823	224,880	3,801	228,681
UNITED KINGDOM	13,319	151,977	165,296	48,900	483,166	532,066	62,219	635,143	697,362
OTHER BRITISH COMMONWEALTH ..	383,689	73,007	456,656	71,966	121,212	193,178	455,655	194,219	649,874
BELGIUM	1,936	150,667	152,603	9,667	1,317,885	1,327,552	11,603	1,468,552	1,480,155
DENMARK	96	2,376	2,472	824	7,229	8,053	920	9,605	10,525
FINLAND	101	3,918	4,019	24,067	20,657	44,724	24,168	24,575	48,743
FRANCE	34	9,392	9,426	54,116	86,154	140,270	54,150	95,546	149,696
GERMANY	718	87,316	88,034	1,845	330,362	332,207	2,563	417,678	420,241
GREECE		2,620	2,620	3	1,685	1,688	3	4,305	4,308
ITALY	4,502	74,918	79,420	32,775	103,167	135,942	37,277	178,085	215,362
NETHERLANDS	45,185	19,657	64,842	163,467	371,753	535,220	208,652	391,410	600,062
NORWAY	1,542	8,564	10,106	12,661	13,599	26,260	14,203	22,163	36,366
POLAND	168	24,329	24,497		51,479	51,479	168	75,808	75,976
PORTUGAL		13,443	13,443	23	14,278	14,301	23	27,721	27,744
SWEDEN	42	18,687	18,729	4,645	17,420	22,065	4,687	36,107	40,794
SPAIN	11,726	17,248	28,974	72,475	24,772	97,247	84,201	42,020	126,221
YUGOSLAVIA	67	4,550	4,617		21,918	21,918	67	26,468	26,535
OTHER EUROPEAN COUNTRIES	9,786	13,572	23,358		17,193	17,193	9,786	30,765	40,551
CENTRAL AMERICAN & CARIBBEAN	170,496	7	170,503		6,586	6,586	170,496	6,593	177,089
SOUTH AMERICAN COUNTRIES	300,900	8,578	309,478	12,651	19,960	32,611	313,551	28,538	342,089
MIDDLE EAST COUNTRIES		4,720	4,720	5	1,403	1,408	5	6,123	6,128
JAPAN	170	92,610	92,780	11,491	1,164,261	1,175,752	11,661	1,256,871	1,268,532
ASIAN COUNTRIES	4,030	30,476	34,506		32,133	32,133	4,030	62,609	66,639
LIBERIA		113	113		1,354	1,354		1,467	1,467
OTHER AFRICAN COUNTRIES	26,636	1,691	28,327	7,955	11,073	19,028	34,591	12,764	47,355
TOTAL	1,315,318	815,873	2,131,191	661,834	4,349,327	5,011,161	1,977,152	5,165,200	7,142,352
GRAND TOTALS	6,010,704	845,948	6,856,652	11,176,687	4,431,570	15,608,257	17,187,391	5,277,518	22,464,909

TABLE 8B. CARGO TONNAGE DOWNBOUND THROUGH THE ST. LAWRENCE CANALS BY DESTINATION AND ORIGIN.

PORTS OF UNLOADING	CANADA			ORIGIN UNITED STATES			TOTAL		
	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL
ST. LAWRENCE RIVER PORTS.									
CANADA	5,397,303	20	5,397,323	4,760,264	2,250	4,762,514	10,157,567	2,270	10,159,837
UNITED STATES				44,670		44,670	44,670		44,670
TOTAL	5,397,303	20	5,397,323	4,804,934	2,250	4,807,184	10,202,237	2,270	10,204,507
OTHER THAN ST. LAWRENCE R. PORTS									
CANADA ATLANTIC PORTS	250,136		250,136	5,045		5,045	255,181		255,181
U.S. ATLANTIC AND GULF PORTS		3,617	3,617					3,617	3,617
UNITED KINGDOM	378,977	74,354	453,331	854,674	147,427	1,002,101	1,233,651	221,781	1,455,432
OTHER BRITISH COMMONWEALTH ..	7,476	44,509	51,985	56,633	124,097	180,730	64,109	168,606	232,715
BELGIUM	34,299	9,330	43,629	333,981	184,156	518,137	368,280	193,486	561,766
DENMARK	108	375	483	37,151	3,748	40,899	37,259	4,123	41,382
FINLAND		190	190	18	1,225	1,243	18	1,415	1,433
FRANCE	1,196	7,534	8,730	67,168	74,459	141,627	68,364	81,993	150,357
GERMANY	50,704	26,789	77,493	393,198	72,303	465,501	443,902	99,092	542,994
GREECE		611	611	12,156	6,250	18,406	12,156	6,861	19,017
ITALY	63,426	7,041	70,467	204,783	152,491	357,274	268,209	159,532	427,741
NETHERLANDS	143,602	25,490	169,092	1,585,362	93,855	1,679,217	1,728,964	119,345	1,848,309
NORWAY		1,937	1,937	88,096	3,659	91,755	88,096	5,596	93,692
POLAND		4,393	4,393	41,601	4,384	45,985	41,601	8,777	50,378
PORTUGAL		252	252	5,431	19,358	24,789	5,431	19,610	25,041
SWEDEN	104	7,004	7,108	53,480	28,790	82,270	53,584	35,794	89,378
SPAIN	78,819	5,552	84,371	572,784	256,564	829,348	651,603	262,116	913,719
YUGOSLAVIA	10,892	2,435	13,327	1,273	7,585	8,858	12,165	10,020	22,185
OTHER EUROPEAN COUNTRIES	2,917	10,169	13,086	43,653	127,831	171,484	46,570	138,000	184,570
PANAMA		336	336	734	364	1,098	734	700	1,434
CENTRAL AMERICAN & CARIBBEAN	1,885	18,183	20,068	10,781	11,884	22,665	12,666	30,067	42,733
SOUTH AMERICAN COUNTRIES	13,894	10,056	23,950	139,605	63,083	202,688	153,499	73,139	226,638
MIDDLE EAST COUNTRIES	10,815	16,037	26,852	73,757	30,792	104,549	84,572	46,829	131,401
JAPAN	116,458	9,902	126,360	531,503	22,350	553,853	647,961	32,252	680,213
ASIAN COUNTRIES		590	590	125,041	33,565	158,606	125,041	34,155	159,196
LIBERIA	1,650	22	1,672	207	145	352	1,857	167	2,024
OTHER AFRICAN COUNTRIES	21,354	3,354	24,708	176,639	34,057	210,696	197,993	37,411	235,404
TOTAL	1,188,712	290,062	1,478,774	5,414,754	1,504,422	6,919,176	6,603,466	1,794,484	8,397,950
GRAND TOTALS	6,586,015	290,082	6,876,097	10,219,688	1,506,672	11,726,360	16,805,703	1,796,754	18,602,457

TABLE 9A. CARGO TONNAGE UPBOUND THROUGH THE ST. LAWRENCE CANALS BY ORIGIN AND REGISTRY OF VESSEL.

ORIGIN	COUNTRY OF REGISTRY	CARGO TONNAGE		
		BULK	GENERAL	TOTAL
ST. LAWRENCE RIVER PORTS	CANADA	14,977,493	112,162	15,089,655
	UNITED STATES	83,261		83,261
	OTHER BRITISH COMMONWEALTH	102,614		102,614
	GERMANY			
	GREECE		138	138
	NORWAY	16,387		16,387
	YUGOSLAVIA		1	1
	JAPAN		17	17
	LIBERIA	30,484		30,484
	TOTAL	15,210,239	112,318	15,322,557
	OTHER THAN ST. LAWRENCE RIVER PORTS	CANADA	278,351	30,237	308,588
UNITED STATES		74,994	16,083	91,077
UNITED KINGDOM		298,554	819,662	1,118,216
OTHER BRITISH COMMONWEALTH		106,197	151,344	257,541
BELGIUM			204,990	204,990
DENMARK		22,031	251,114	273,145
FINLAND		10	5,286	5,296
FRANCE		22,887	406,870	429,757
GERMANY		69,970	471,935	541,905
GREECE		104,852	431,596	536,448
ITALY		21,475	194,562	216,037
NETHERLANDS		16,815	70,245	87,060
NORWAY		449,071	733,103	1,182,174
SWEDEN		30,677	136,161	166,838
SPAIN		6,048	16,326	22,374
YUGOSLAVIA		13,084	166,322	179,406
OTHER EUROPEAN COUNTRIES		15,363	62,369	77,732
PANAMA		6,971	60,506	67,477
CENTRAL AMERICAN & CARIBBEAN		8,960		8,960
SOUTH AMERICAN COUNTRIES		1,666	1,534	3,200
MIDDLE EAST COUNTRIES		342	221,281	221,623
JAPAN	1,223	111,796	113,019	
LIBERIA	427,611	600,919	1,028,530	
OTHER AFRICAN COUNTRIES		959	959	
TOTAL	1,977,152	5,165,200	7,142,352	
GRAND TOTALS	17,187,391	5,277,518	22,464,909	

TABLE 9B. CARGO TONNAGE DOWNBOUND THROUGH THE ST. LAWRENCE CANALS BY DESTINATION AND REGISTRY OF VESSEL.

DESTINATION	COUNTRY OF REGISTRY	CARGO TONNAGE			
		BULK	GENERAL	TOTAL	
ST. LAWRENCE RIVER PORTS	CANADA	10,102,696	1,250	10,103,946	
	UNITED STATES	44,670	1,000	45,670	
	UNITED KINGDOM	12,396	18	12,414	
	OTHER BRITISH COMMONWEALTH	33,548		33,548	
	GERMANY				
	NORWAY		2	2	
	YUGOSLAVIA				
	LIBERIA	8,927		8,927	
	TOTAL	10,202,237	2,270	10,204,507	
	OTHER THAN ST. LAWRENCE RIVER PORTS	CANADA	266,917	5,119	272,036
		UNITED STATES	38,017	38,125	76,142
UNITED KINGDOM		848,190	247,512	1,095,702	
OTHER BRITISH COMMONWEALTH		194,092	93,004	287,096	
BELGIUM		194,333	1,756	196,089	
DENMARK		335,212	55,244	390,456	
FINLAND		255	2,175	2,430	
FRANCE		486,171	17,504	503,675	
GERMANY		482,485	302,188	784,673	
GREECE		497,391	63,923	561,314	
ITALY		223,162	22,201	245,363	
NETHERLANDS		48,128	45,161	93,289	
NORWAY		1,444,609	492,204	1,936,813	
SWEDEN		79,926	82,801	162,727	
SPAIN		165,153	3,557	168,710	
YUGOSLAVIA		200,657	27,582	228,239	
OTHER EUROPEAN COUNTRIES		55,402	34,343	89,745	
PANAMA		101,512	15,031	116,543	
CENTRAL AMERICAN & CARIBBEAN			7,621	7,621	
SOUTH AMERICAN COUNTRIES		1,010	878	1,888	
MIDDLE EAST COUNTRIES		201,039	34,617	235,656	
JAPAN	56,163	40,317	96,480		

TABLE 9. CARGO TONNAGE DOWNBOUND THROUGH THE ST. LAWRENCE CANALS BY DESTINATION AND REGISTRY OF VESSEL.

DESTINATION	COUNTRY OF REGISTRY	CARGO TONNAGE		
		BULK	GENERAL	TOTAL
OTHER THAN ST. LAWRENCE RIVER PORTS	LIBERIA	679,783	159,962	839,745
	OTHER AFRICAN COUNTRIES	3,859	1,659	5,518
	TOTAL	6,603,466	1,794,484	8,397,950
GRAND TOTALS		16,805,703	1,796,754	18,602,457

TABLE 10. NUMBER OF VESSELS AND CARGO TONNAGE THROUGH THE ST. LAWRENCE CANALS BY KIND AND GROSS TONNAGE.

KIND AND GROSS TONNAGE OF VESSEL	UPBOUND							DOWNBOUND						
	NUMBER OF VESSELS			CARGO TONNAGE			AVERAGE	NUMBER OF VESSELS			CARGO TONNAGE			AVERAGE
	BAL.	CARGO	TOTAL	BULK	GENERAL	TOTAL		BAL.	CARGO	TOTAL	BULK	GENERAL	TOTAL	
CARGO.	...													
UNDER 1,000	128	75	203	29,974	5,124	35,098	468.0	171	36	207	19,608	2,186	21,794	605.4
1,000 TO 1,999	15	58	73	39,765	35,512	75,277	1,297.9	11	62	73	62,647	38,641	101,288	1,633.7
2,000 TO 2,999	76	173	249	148,349	239,560	387,909	2,242.2	27	229	256	488,887	155,950	644,837	2,815.9
3,000 TO 3,999	14	188	202	304,966	317,607	622,573	3,311.6	46	154	200	484,368	113,353	597,721	3,881.3
4,000 TO 4,999	7	142	149	74,857	271,889	346,746	2,441.9	14	133	147	267,564	181,301	448,865	3,374.9
5,000 TO 5,999	6	176	182	143,070	221,958	365,028	2,074.0	7	177	184	464,146	102,751	566,897	3,202.8
6,000 TO 6,999	19	158	177	944,673	226,216	1,170,889	7,410.7	36	140	176	985,067	128,660	1,113,727	7,955.2
7,000 TO 7,999	25	76	101	474,350	131,160	605,510	7,967.2	8	94	102	707,905	68,846	776,751	8,263.3
8,000 TO 8,999	16	61	77	174,255	257,064	431,319	7,070.8	6	69	75	503,989	102,382	606,371	8,788.0
9,000 TO 9,999	29	121	150	668,962	496,538	1,165,500	9,632.2	14	139	153	1,177,778	127,116	1,304,894	9,387.7
10,000 TO 10,999	15	104	119	389,342	843,765	1,233,107	11,856.8	10	109	119	978,943	345,020	1,323,963	12,146.4
11,000 TO 11,999	13	58	71	521,866	346,327	868,193	14,968.8	8	61	69	806,637	53,499	860,136	14,100.6
12,000 TO 12,999	4	36	40	537,923	85,970	623,893	17,330.4	12	28	40	377,378	54,351	431,729	15,418.9
13,000 TO 13,999	10	76	86	798,963	238,836	1,037,799	13,655.3	18	65	83	950,918	74,390	1,025,308	15,774.0
14,000 TO 14,999	5	20	25	262,726	104,169	366,895	18,344.8	6	19	25	284,741	62,586	347,327	18,280.4
15,000 TO 15,999	26	194	220	4,073,057	458,695	4,531,752	23,359.5	63	158	221	3,622,220	31,831	3,654,051	23,126.9
16,000 TO 16,999	19	143	162	3,427,453	224,062	3,651,515	25,535.1	48	115	163	2,894,610	25,170.5	2,919,780	25,170.5
17,000 AND OVER	8	69	77	700,977	773,030	1,474,007	21,362.4	17	60	77	1,175,624	140,750	1,316,374	21,939.6
TOTAL	435	1,928	2,363	13,715,528	5,277,482	18,993,010	...	522	1,848	2,370	16,253,030	1,783,613	18,036,643	...
BARGE OR SCOW.	...													
UNDER 1,000	1		1											
TOTAL	1		1											
TANKER.	...													
1,000 TO 1,999	2	130	132	399,375		399,375	3,072.1	114	18	132	46,271		46,271	2,570.6
2,000 TO 2,999	1	163	164	583,489		583,489	3,579.7	143	18	161	50,484		50,484	2,804.7
3,000 TO 3,999	1	71	71	382,861		382,861	5,392.4	64	7	71	23,313		23,313	3,330.4
4,000 TO 4,999	2	122	124	853,517		853,517	6,996.0	101	21	122	130,043		130,043	6,192.5
5,000 TO 5,999	7	47	54	348,830		348,830	7,421.9	35	18	53	135,408		135,408	7,522.7
6,000 TO 6,999	3	13	16	87,921		87,921	6,763.2	2	16	18	118,450		118,450	7,403.1
7,000 TO 7,999	1		1					1	1	2	11,775		11,775	11,775.0
10,000 TO 10,999	2	15	17	163,152		163,152	10,876.8	12	3	15	33,573		33,573	11,191.0
11,000 TO 11,999		2	2	27,672		27,672	13,836.0		2	2				
12,000 TO 12,999		16	16	219,856		219,856	13,741.0		15	15				
13,000 TO 13,999		15	15	207,532		207,532	13,835.5		1	16	15,497		15,497	15,497.0
14,000 TO 14,999		9	9	121,418		121,418	13,490.9		9	9				
15,000 TO 15,999		5	5	73,806		73,806	14,761.2		5	5				
TOTAL	18	608	626	3,469,429		3,469,429	...	517	103	620	564,814		564,814	...
TUG AND SCOW.	...													
UNDER 1,000	35	4	39	1,075		1,075	268.8	46		46				
1,000 TO 1,999	7	1	8	1,395		1,395	1,395.0	8	1	9		1,000	1,000	1,000.0
2,000 TO 2,999	2		2					3		3				
3,000 TO 3,999								2		2				
4,000 TO 4,999								2		2				
5,000 TO 5,999								3		3				
6,000 TO 6,999								4		4				
7,000 TO 7,999								1		1				
TOTAL	44	5	49	2,470		2,470	...	69	1	70		1,000	1,000	...
OTHER.	...													
UNDER 1,000	300		300					267		267				
1,000 TO 1,999	3		3					3		3				
2,000 TO 2,999	2		2					3		3				
3,000 TO 3,999	1		1					1		1				
4,000 TO 4,999	2		2					2		2				
5,000 TO 5,999								1		1				
6,000 TO 6,999								1		1				
7,000 TO 7,999														
TOTAL	308		308				...	277		277				...
GRAND TOTALS ..	806	2,541	3,347	17,187,427	5,277,482	22,464,909	...	1,385	1,952	3,337	16,827,844	1,784,613	18,602,457	...

TABLE 11A. LARGE TONNAGE SHIPBOUND THROUGH THE ST. LAWRENCE CANALS BY COMMODITY, ORIGIN AND DESTINATION.

NO.	COMMODITY	CANADA		UNITED STATES		UNITED KINGDOM	
		TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.
1	FOOD, FEED, BEVERAGES, TOBACCO						
2	MEAT, FRESH OR FROZEN	-	-	-	-	324	22
3	MEAT AND MEAT PREP. NES	-	-	-	-	-	-
4	FISH, FRESH OR FROZEN	-	-	-	-	72	20
5	FISH, SALTED OR CURED	-	-	-	-	123	15
6	FISH, CANNED	-	-	-	-	70	36
7	SHELL FISH, NES	-	-	-	-	5	-
8	CHEESE	-	-	-	-	50	-
9	DAIRY PROD. EGGS, HONEY	-	-	-	-	231	-
10	BARLEY	-	16,973	-	-	-	-
11	CEREAL, UNMILLED, NES	-	-	-	-	-	-
12	CORN MEAL AND FLOUR	-	-	-	-	-	-
13	MALT AND MALT FLOUR	-	-	-	-	-	15
14	CEREALS, MILLED, NES	-	-	-	-	-	-
15	BAKERY PROD. INCL. FROZEN	-	-	-	-	405	144
16	MACARONI, CEREAL PROD.	-	-	-	-	36	171
17	FRESH FRUITS, BERRIES	-	-	-	-	-	-
18	FROZEN FRUITS, BERRIES	-	-	-	-	24	173
19	DRIED FRUITS	-	-	-	-	46	-
20	FRUIT JUICES, COMM.	-	-	-	-	650	-
21	FRUIT PULP, PUREE	-	-	-	-	139	-
22	FRUITS, PRESERVED	-	-	-	-	294	12
23	FRUITS, PREPARATIONS	-	-	-	-	627	315
24	PEANUTS	-	-	-	-	-	-
25	NUTS, EXC. CIL NUTS NES	-	-	-	-	310	-
26	POTATOES	-	-	-	-	6	-
27	VEGETABLES, FRESH	-	-	-	-	-	-
28	VEGETABLES, FROZEN	-	-	-	-	-	-
29	VEGETABLES, DRIED	-	-	-	-	107	-
30	VEGETABLE PREP. NES	-	-	-	-	561	5
31	RAW SUGAR	3,860	-	-	-	-	-
32	SUGAR NES	-	-	-	-	16	-
33	MOLASSES, CRUDE	-	-	4,704	10,793	-	-
34	MOLASSES, REFINED	-	-	7,971	-	-	-
35	SYRUP	-	-	-	-	-	-
36	SUGAR PREPARATIONS	-	-	-	-	1,422	1,828
37	COCOA AND CHOCOLATE	-	-	-	-	498	713
38	COFFEE	-	-	-	-	52	-
39	TEA	-	-	-	-	324	-
40	SPICES	-	-	-	-	17	-
41	VINEGAR	-	-	-	-	-	-
42	SAUSAGE CASINGS	-	-	-	-	24	53
43	MISC. FOOD PREP. NES	-	-	-	-	1,112	512
44	HAY, FORAGE, STRAW	-	-	-	-	-	-
45	GROUND CEREALS NES	-	-	-	-	-	-
46	SOYABEAN OIL MEAL, CAKE	-	-	-	-	-	-
47	FEEDS OF VEG. ORIGIN	-	-	-	-	-	40
48	FEEDS OF ANIMAL ORIGIN	-	-	-	-	15	-
49	CONC. COMPLETE FEEDS	-	-	-	-	8	34
50	NON-ALCOHOLIC BEVERAGE	-	-	-	-	24	41
51	ALE, BEER, STOUT, PORTER	-	-	-	-	346	737
52	WINES	-	-	-	-	994	839
53	FERM. ALCOHOLIC BEV.	-	-	-	-	444	2,379
54	DIST. ALCOHOLIC BEV.	-	-	-	-	6,764	31,550
55	TOBACCO NES	-	-	-	-	30	-
56	TOTAL	3,860	16,973	12,675	10,793	16,170	39,648
57	CRUDE MATERIALS, INEDIBLE.						
58	RAW HIDES AND SKINS	-	-	-	-	-	112
59	CRUDE ANIMAL PROD. NES	-	-	-	-	-	-
60	SEEDS FOR SOWING NES	-	-	-	-	5	18
61	FLAXSEED	-	-	-	-	-	-
62	OIL SEEDS, NUTS NES	-	-	-	-	-	-
63	NURSERY, GREENHOUSE STOCK	-	-	-	-	20	-
64	RUBBER ALLIED GUMS NAT.	-	-	-	-	29	-
65	CRUDE VEG. PROD. NES	-	-	-	-	16	14
66	LOGS	-	560	-	-	-	-
67	PULPHOOD	108,204	88,289	-	-	-	-
68	CRUDE WOOD MTL. NES	-	-	-	-	-	-
69	WOOL AND ANIMAL HAIR	-	-	-	-	689	20
70	TEXTILE FIBRES NES	-	-	-	-	1,420	178
71	ALUMINA, BAUXITE ORES	-	8,910	-	-	-	-
72	IRON ORE AND CONC.	1,805,003	9,739,279	-	-	-	-
73	MANGANESE ORE	145,356	123,980	-	-	-	-
74	NICKEL-COPPER ORE	-	1,792	-	-	-	-
75	TITANIUM ORE	2,244	-	-	-	-	-
76	ZINC ORE AND CONC.	-	-	-	-	-	-
77	ORES AND CONC. NES	5,766	-	-	-	-	-
78	IRON AND STEEL SCRAP	84	-	-	-	-	-
79	NON-FERROUS MET. SCRAP	-	611	-	-	132	19
80	SLAG, DROSS, BY-PRODUCTS	-	-	-	-	13	5
81	COAL BITUMINOUS	246,012	-	-	-	-	-
82	CRUDE PETROLEUM	-	-	-	15,529	-	-
83	NATURAL GAS	-	-	-	-	-	24
84	ASBESTOS	-	-	-	-	-	11
85	CHINA CLAY	-	-	-	-	1,953	40,607
86	CLAY MATERIALS NES	-	-	-	-	40	12
87	SAND AND GRAVEL	4,482	14,368	-	-	-	-

TABLE 11A. CARGO TONNAGE UPBOUND THROUGH THE ST. LAWRENCE CANALS BY COMMODITY, ORIGIN AND DESTINATION.

OTHER BRITISH COMMONWEALTH		OTHER EUROPE		OTHER COUNTRIES		TOTAL		GRAND TOTAL	NO.
TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.		
									1
471	-	654	83	-	118	1,449	223	1,672	2
-	-	735	519	934	1,100	1,669	1,619	3,288	3
-	-	832	704	9	-	913	724	1,637	4
6	-	85	121	-	-	214	136	350	5
50	14	532	1,394	1,222	1,560	1,874	3,004	4,878	6
-	-	-	-	43	414	48	414	462	7
-	-	2,793	933	9	-	2,852	933	3,785	8
-	-	177	80	71	47	479	127	606	9
-	-	-	23,445	-	-	-	40,418	40,418	10
-	-	150	-	-	-	150	-	150	11
-	-	22	57	-	-	22	57	79	12
-	-	-	-	-	-	-	15	15	13
-	-	51	117	-	-	51	117	168	14
-	-	406	27	-	-	811	171	982	15
63	-	312	241	-	567	411	979	1,390	16
-	-	170	-	21	-	191	-	191	17
-	-	246	101	-	-	270	274	544	18
832	-	412	14	12	-	1,302	14	1,316	19
113	-	783	53	3,046	-	4,592	53	4,645	20
-	-	1,444	-	145	-	1,728	-	1,728	21
-	-	9,654	14,947	58	21	10,006	14,980	24,986	22
11,483	2,553	1,329	62	4,559	4,417	17,998	7,347	25,345	23
78	-	1,432	-	448	-	1,958	-	1,958	24
160	77	1,317	9	450	24	2,237	110	2,347	25
-	-	-	-	-	-	6	-	6	26
-	-	236	-	-	-	236	-	236	27
-	-	20	-	-	27	20	27	47	28
3	-	226	28	7	-	343	28	371	29
79	6	18,323	12,158	2,929	4,164	21,892	16,333	38,225	30
144,013	-	-	-	35,070	-	179,083	-	179,083	31
-	-	92	-	-	-	3,968	-	3,968	32
30,097	-	-	-	-	-	34,801	10,793	45,594	33
-	-	-	-	-	-	7,971	-	7,971	34
-	-	-	16	-	-	-	16	16	35
-	26	1,323	877	99	44	2,844	2,769	5,613	36
2,032	1,597	1,338	2,002	128	-	3,996	4,312	8,308	37
595	-	26	-	192	417	865	417	1,282	38
177	-	224	-	223	-	948	-	948	39
214	-	145	82	18	-	394	82	476	40
-	-	15	-	-	-	15	-	15	41
-	-	52	1,563	-	53	76	1,669	1,745	42
830	620	3,287	1,718	1,054	2,166	6,283	5,016	11,299	43
-	-	28	-	-	-	28	28	28	44
-	-	116	17	-	-	116	17	133	45
-	-	-	48	-	-	-	48	48	46
-	-	-	377	-	-	-	417	417	47
-	-	-	-	-	74	15	74	89	48
-	-	107	58	253	92	368	184	552	49
-	-	467	54	-	-	491	95	586	50
137	76	1,869	8,377	-	80	2,352	9,270	11,622	51
1,364	-	13,162	29,294	401	325	15,921	30,458	46,379	52
-	-	365	182	9	53	818	2,614	3,432	53
957	305	1,179	1,916	9	24	8,909	33,795	42,704	54
68	-	225	161	-	-	323	161	484	55
193,822	5,274	66,333	101,863	51,419	15,787	344,279	190,338	534,617	56
-	-	294	483	3	-	297	595	892	57
-	-	-	83	-	-	-	83	83	58
106	-	1,177	856	2,230	5	3,518	879	4,397	60
-	-	-	5	-	-	-	5	5	61
-	-	-	-	3,679	-	3,679	-	3,679	62
-	-	831	595	6	26	857	621	1,478	63
27,334	79,734	68	43	73	7,162	27,504	86,939	114,443	64
55	845	153	162	100	733	324	1,754	2,078	65
691	48	-	-	465	9	1,156	617	1,773	66
-	-	-	-	-	-	108,204	88,289	196,493	67
-	-	172	36	-	-	172	36	208	68
269	-	178	-	5	-	1,161	20	1,181	69
1,040	303	696	258	2,645	940	5,801	1,679	7,480	70
89,518	-	-	-	23,243	11,170	112,761	20,080	132,841	71
-	-	-	-	-	-	1,805,003	9,739,279	11,544,282	72
-	-	-	-	-	-	145,356	123,980	269,336	73
-	-	-	-	2,988	-	1,792	1,792	4,780	74
2,803	37,703	-	-	-	-	5,047	37,703	42,750	75
28,719	16,638	52	1,137	-	-	1,137	-	1,137	76
-	-	-	-	-	-	34,537	16,638	51,175	77
-	-	-	-	-	-	84	-	84	78
-	-	29	304	14	12	175	946	1,121	79
-	-	-	13	-	-	13	18	31	80
-	-	-	-	-	-	246,012	-	246,012	81
-	-	-	-	72,819	-	72,819	15,529	88,348	82
-	-	-	270	-	-	-	298	298	83
-	-	-	-	-	-	-	11	11	84
-	-	-	1	-	-	1,953	40,608	42,561	85
-	-	-	18	-	-	40	30	70	86
-	15,687	-	135	-	-	4,482	30,190	34,672	87

TABLE 11A. GROSS TONNAGE UPBOUND THROUGH THE ST. LAWRENCE CANALS BY COMMODITY, ORIGIN AND DESTINATION.

NO.	COMMODITY	CANADA		UNITED STATES		UNITED KINGDOM	
		TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.
88	LIMESTONE	-	-	-	-	-	-
89	CRUSHED STONE	-	-	-	-	-	-
90	STONE, CRUDE, NES	13,619	19,037	-	-	-	-
91	BARYTES, NATURAL	-	-	-	-	-	-
92	FLUORSPAR	-	-	19,282	5,860	2,936	-
93	GYPSPUM	80,024	96,812	-	-	-	-
94	PHOSPHATE ROCK	11,859	-	5,636	-	-	-
95	SALT	-	-	-	-	-	-
96	CRUDE NON-MET. MIN. NES	-	-	-	-	24	110
97	COTTON, TEXTILE WASTE	-	-	-	-	168	34
98	WASTE AND SCRAP NES	-	-	-	-	46	111
99	TOTAL	2,422,653	10,093,638	24,918	21,389	7,491	41,279
100	FABRICATED MATERIALS, INEDIBLE						
101	LEATHER	-	-	-	-	117	-
102	RUBBER FAB. MATERIALS	-	-	-	-	137	336
103	LUMBER AND TIMBER	7,525	-	-	-	-	-
104	SAWMILL PROD. NES	-	-	-	-	-	-
105	VENEER AND PLYWOOD	-	-	-	-	15	-
106	COOPERAGE STOCK ETC.	-	-	-	-	-	-
107	WOOD FABRICATED MTL.	-	-	-	-	183	6
108	PULP	416	3,434	-	-	-	-
109	NEWSPRINT PAPER	7,127	182,291	-	-	-	-
110	PAPER NES	-	1,762	-	-	228	192
111	PAPERBOARD	-	-	-	-	5	82
112	BLDG. PAPER AND BOARD	-	-	-	-	34	30
113	WET MACHINE BOARD	-	-	-	-	139	51
114	CORDAGE, TWINE, ROPE	-	-	1,370	2,364	6	1,115
115	JUTE WOVEN FABRICS	-	-	42	-	76	-
116	TEXTILE FAB. MTL. NES	-	-	-	-	867	15
117	ANIMAL OILS, EXC. MARINE	-	-	-	-	6	-
118	FISH, MARINE ANIMAL OIL	-	-	-	-	500	40
119	SOYABEAN OIL	-	-	-	-	-	-
120	VEG. OILS, FATS, NES	-	-	-	-	7,421	-
121	OILS, FATS, WAXES, NES	-	-	-	2,863	57	15
122	METALLIC SALTS	-	-	-	-	628	1,697
123	INORGANIC CHEMICALS	4,922	-	7,259	-	453	455
124	GLYCOL	-	-	-	-	-	-
125	ORGANIC CHEMICALS NES	1,395	-	8,358	-	2,539	2,051
126	EXPLOSIVES	-	-	-	-	-	-
127	FERTILIZERS	-	-	-	-	-	-
128	FERT. & FERT. MAT. NES	5,971	38,784	-	-	26	-
129	AGRICULTURAL CHEMICALS	-	-	-	-	55	-
130	SYNTHETIC RUBBER	-	-	-	-	452	-
131	PLASTIC MATERIALS	-	-	-	-	866	330
132	DYESTUFF, PIGMENT, PAINTS	-	-	-	-	513	101
133	CHEM. SPECIALTIES NES	-	-	-	-	307	244
134	GASOLINE	452,156	-	-	-	-	-
135	FUEL OIL	1,594,896	266,409	53,121	30,795	-	-
136	LUBRICATING OIL, GREASE	140,474	-	-	17,818	248	18
137	ASPHALTS, ROAD OILS	10,927	-	-	-	-	-
138	COAL TAR, PITCH	2,989	-	-	-	-	-
139	PETROL, COAL PROD. NES	94,101	-	28,090	12,072	101	10
140	FERRO-ALLOYS	1,771	-	-	-	66	131
141	PIG IRON	4,538	132,689	-	-	-	-
142	PRIMARY IRON, STEEL NES	-	-	-	-	242	38,171
143	CASTINGS, FORGINGS	-	-	-	-	12,982	3,874
144	BAR AND RODS, STEEL	-	-	-	-	4,885	55,850
145	PLATE & SHEET STEEL	-	369	-	-	11,891	212,095
146	STRUCTURAL SHAPES	-	-	-	-	14,046	46,221
147	RAILS AND TRACK MTL.	-	-	-	-	719	-
148	PIPE, TUBE, IRON & STEEL	-	-	-	-	5,180	6,873
149	WIRE	-	-	-	-	2,470	11,123
150	ALUMINUM	-	-	-	-	498	494
151	COPPER AND ALLOYS	-	-	-	-	312	368
152	LEAD AND ALLOYS	-	-	-	-	83	555
153	NICKEL AND ALLOYS	-	-	-	-	-	-
154	ZINC AND ALLOYS	-	-	-	-	21	271
155	NON-FERROUS METAL NES	-	-	-	-	16	129
156	METAL FAB. BASIC PROD.	-	-	-	-	2,477	3,645
157	BRICKS, TILES, NES	-	-	-	-	4,871	1,442
158	GLASS BASIC PRODUCTS	-	-	-	-	12,871	10,570
159	ASBESTOS BASIC PRDD.	-	-	-	-	60	157
160	CEMENT	7,064	-	-	-	-	6,971
161	CEMENT BASIC PROD.	-	-	-	-	54	126
162	NON-MET. MIN. BASIC PROD.	487	-	-	-	1,074	1,584
163	MISC. FABRICATED PROD.	-	17	-	-	1,838	1,062
164	TOTAL	2,336,759	625,745	98,240	65,912	92,635	408,500
165	END PRODUCTS, INEDIBLE.						
166	TRACTORS	-	-	-	-	4,280	10,296
167	MACHINERY NES	1,260	-	-	-	16,299	15,096
168	RAILWAY ROLLING STOCKS	-	-	-	-	55	11
169	PASS. AUTOS & CHASSIS	-	1	-	-	3,956	1,057
170	BUSES AND CHASSIS	-	-	-	-	-	-
171	TRUCKS AND CHASSIS	-	-	-	-	78	62
172	MILITARY MOTOR VEH. & TRA.	-	-	-	-	-	-

TABLE 11A. CARGO TONNAGE UPBOUND THROUGH THE ST. LAWRENCE CANALS BY COMMODITY, ORIGIN AND DESTINATION.

OTHER BRITISH COMMONWEALTH		OTHER EUROPE		OTHER COUNTRIES		TOTAL		GRAND TOTAL	NO.
TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.		
-	-	-	8	-	-	-	8	8	88
-	-	-	30	-	-	-	30	30	89
170	2,267	1,489	1,642	43	-	15,321	22,946	38,267	90
-	-	33	-	-	-	33	-	33	91
-	-	-	94,296	17,415	-	39,633	196,968	236,601	92
-	-	-	-	-	-	80,024	-	80,024	93
-	-	-	-	-	-	17,495	-	17,495	94
-	-	11	6	-	-	11	6	17	95
-	102	282	3,717	12	141	318	4,070	4,388	96
74	329	93	15	423	52	758	430	1,188	97
-	25	24	993	-	58	70	1,187	1,257	98
150,779	153,681	5,582	105,106	126,163	20,308	2,737,586	10,435,401	13,172,987	99
-	-	5	33	48	59	170	92	262	100
-	12	116	21	185	31	438	400	838	101
14,218	454	8	229	1,693	1,851	23,444	2,534	25,978	102
-	-	-	58	-	-	-	58	58	103
1,036	8,577	1,690	14,352	23,064	27,908	25,805	50,837	76,642	104
-	-	24	7	-	-	24	7	31	105
-	-	164	192	62	590	409	788	1,197	107
-	-	46	24,441	-	-	462	27,875	28,337	108
-	-	-	364	-	-	7,127	182,645	189,772	109
-	17	645	3,861	63	106	936	5,938	6,874	110
-	-	94	174	-	8,715	99	8,971	9,070	111
-	-	9,469	4,835	226	34	9,729	4,899	14,628	112
-	-	216	720	99	73	454	844	1,298	113
1,143	9,216	2,071	19,786	2,651	9,084	7,241	41,565	48,806	114
152	2,116	16	-	-	-	286	2,116	2,402	115
796	65	1,639	166	841	66	4,143	312	4,455	116
15	-	12	5	13	-	46	5	51	117
-	-	37	4,749	40	-	577	4,789	5,366	118
-	-	-	12	-	-	-	12	12	119
24,799	-	17,015	4,980	1,629	9,019	50,864	13,999	64,863	120
273	27	481	1,031	868	1,884	1,679	5,820	7,499	121
82	-	6,342	4,459	230	59	7,282	6,215	13,497	122
25	-	2,101	3,456	249	1,291	15,009	5,202	20,211	123
-	-	49	-	-	-	49	-	49	124
44	-	28,145	91,061	9,411	3,286	49,892	96,398	146,290	125
-	-	-	-	34	-	34	-	34	126
-	-	139	-	-	-	139	-	139	127
39	-	2,085	26	-	397	8,121	39,207	47,328	128
40	-	2,558	133	101	15	2,754	148	2,902	129
919	2,545	646	771	272	529	2,289	3,845	6,134	130
201	122	2,528	1,092	1,883	2,548	5,478	4,092	9,570	131
-	25	1,841	955	26	55	2,380	1,136	3,516	132
-	-	2,997	10,468	46	12	3,350	10,724	14,074	133
-	-	-	-	12,455	-	464,611	-	464,611	134
14,857	-	16,897	43,281	313,453	-	1,993,224	340,485	2,333,709	135
11,427	-	158	105	14,591	40	166,898	17,981	184,879	136
-	-	-	-	-	-	10,927	-	10,927	137
-	-	-	-	-	-	2,989	-	2,989	138
34,751	-	50	68	6	-	157,099	12,150	169,249	139
-	-	1,491	40,744	294	2,172	3,622	43,047	46,669	140
-	51	15,759	40,980	-	-	20,297	173,720	194,017	141
-	-	21	9,798	-	-	263	50,345	50,608	142
91	236	397	2,518	8	8,992	13,478	15,620	29,098	143
-	2,565	23,707	116,735	3,435	223,115	32,027	398,265	430,292	144
591	168	23,560	1,097,757	18,000	663,452	54,042	1,973,841	2,027,883	145
53	748	91,956	660,762	5,979	54,338	112,034	762,069	874,103	146
-	-	267	632	-	-	936	1,568	2,554	147
99	791	47,958	19,909	3,034	19,955	56,271	47,528	103,799	148
113	188	9,783	43,728	4,782	60,782	17,148	115,821	132,969	149
24	14	2,264	18,976	188	1,020	2,974	20,504	23,478	150
58	-	504	1,834	301	658	1,175	2,860	4,035	151
-	-	-	16	-	5,804	83	6,375	6,458	152
-	-	6,377	268	-	-	6,377	268	6,645	153
-	-	152	5,278	7	17,257	180	22,806	22,986	154
1,518	2,559	411	2,414	248	1,757	2,193	6,859	9,052	155
144	528	5,914	32,372	7,968	53,276	16,503	89,821	106,324	156
-	-	564	6,340	133	226	5,568	8,008	13,576	157
161	162	31,935	44,179	119	2,059	45,086	56,970	102,056	158
20	-	7	459	51	13	138	629	767	159
-	-	579	237	-	-	7,643	7,208	14,851	160
51	-	503	184	32	-	640	310	950	161
19	15	4,780	11,487	7,359	15,190	13,719	28,276	41,995	162
120	133	1,472	1,146	2,359	3,853	5,789	6,211	12,000	163
107,879	31,334	370,645	2,394,644	438,536	1,204,883	3,444,694	4,731,018	8,175,712	164
-	-	-	-	-	-	-	-	-	165
154	725	2,134	23,035	1,330	195	7,898	34,251	42,149	166
310	308	24,081	31,849	2,341	4,474	44,291	51,727	96,018	167
-	-	-	116	-	2,230	55	2,357	2,412	168
-	-	16,594	69,588	2,270	5	22,820	70,651	93,471	169
-	-	243	33	-	-	243	33	276	170
-	-	13	1,344	159	31	250	1,437	1,687	171
-	-	-	542	-	-	-	542	542	172

TABLE 11A. CARGO TONNAGE UPBOUND THROUGH THE ST. LAWRENCE CANALS BY COMMODITY, ORIGIN AND DESTINATION.

NO.	COMMODITY	CANADA		UNITED STATES		UNITED KINGDOM	
		TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.
173	MOTOR VEHICLE ENGINES	-	-	-	-	863	2,672
174	ROAD MOTOR VEH. NES	-	-	-	-	676	41
175	SHIPS, AIRCRAFT, MIS. VEH. .	-	-	-	-	485	1,702
176	RUBBER TIRES & TUBES	-	-	-	-	50	228
177	EQUIPMENT	-	-	-	-	2,602	699
178	TOTAL	1,260	1	-	-	29,344	31,864
179	MISCELLANEOUS FREIGHT N.E.S.	-	-	-	-	-	-
180	PERSONAL, HSEHOLD. GOODS ...	-	-	-	-	4,318	1,585
181	FIREARMS, AMMUNITION	-	-	19	-	24	49
182	CONTAINERS, CLOSURES	50	-	-	-	382	37
183	MISC. END PRODUCTS	19,913	3,466	6	-	14,932	9,104
184	TOTAL	19,963	3,466	25	-	19,656	10,775
185	DOMESTIC PACKAGE FREIGHT	-	-	-	-	-	-
186	DOMESTIC PACKAGE FRT.	146,720	105	-	-	-	-
187	TOTAL	146,720	105	-	-	-	-
188	GRAND TOTALS	4,931,215	10,739,928	135,858	98,094	165,296	532,066

TABLE 11B. CARGO TONNAGE DOWNBOUND THROUGH THE ST. LAWRENCE CANALS BY COMMODITY, ORIGIN AND DESTINATION.

NO.	COMMODITY	CANADA TO							TOTAL
		CANADA	U.S.A.	UNITED KINGDOM	OTHER BRITISH COMMONWEALTH	OTHER EUROPE	OTHER COUNTRIES		
1	FOOD, FEED, BEVERAGES, TOBACCO	-	-	-	-	-	-	-	-
2	MEAT, FRESH OR FROZEN	-	-	1,991	33	380	129	2,533	
3	MEAT, CURED	-	-	-	358	-	-	358	
4	MEAT AND MEAT PREP. NES	-	-	-	483	36	94	613	
5	FISH, FRESH OR FROZEN	-	-	-	-	22	-	22	
6	FISH, SALTED OR CURED	-	-	-	77	-	-	77	
7	FISH, CANNED	-	-	-	-	17	-	17	
8	SHELL FISH, NES	-	-	-	-	9	-	9	
9	BUTTER	-	-	-	-	-	-	-	
10	CHEESE	-	-	-	42	63	1,274	1,379	
11	MILK POWDER	-	-	-	189	165	8,970	9,324	
12	DAIRY PROD. EGGS, HONEY	-	-	188	237	31	17	473	
13	BARLEY	644,696	-	46,605	-	-	-	691,301	
14	CORN	22,885	-	8,820	14	-	5,450	37,169	
15	OATS	202,976	-	321	311	7,193	3,127	213,928	
16	RYE	27,225	-	3,406	-	3,304	-	33,935	
17	WHEAT	3,471,640	-	23,105	-	50,279	3,147	3,548,171	
18	CEREAL, UNMILLED, NES	-	-	-	-	71	-	71	
19	CORN MEAL AND FLOUR	-	-	-	-	-	-	-	
20	CORN STARCH	-	-	-	-	-	-	-	
21	MALT AND MALT FLOUR	38,130	-	-	2,048	-	1,878	42,056	
22	WHEAT FLOUR	-	-	1,810	2,970	-	3,442	8,222	
23	CEREALS, MILLED, NES	-	-	-	75	10	123	208	
24	BAKERY PROD. INCL. FROZEN ..	-	-	-	-	-	-	-	
25	MACARONI, CERÉAL PROD.	-	-	-	-	-	-	-	
26	FRESH FRUITS, BERRIES	-	-	-	-	-	-	-	
27	FROZEN FRUITS, BERRIES	-	-	245	-	-	-	245	
28	DRIED FRUITS	-	-	-	-	-	-	-	
29	FRUIT JUICES, CONC.	-	-	11	-	-	-	11	
30	FRUITS, PRESERVED	-	-	-	109	-	-	109	
31	FRUITS, PREPARATIONS	-	-	47	127	961	-	1,135	
32	PEANUTS	-	-	-	-	26	-	26	
33	NUTS, EXC. DIL NUTS NES	-	-	60	6	-	6	72	
34	VEGETABLES, FRESH	-	-	1,265	-	5	-	1,270	
35	VEGETABLES, FROZEN	-	-	1,291	-	3	-	1,294	
36	VEGETABLES, DRIED	-	-	23,279	548	1,692	592	26,111	
37	VEGETABLE PREP. NES	-	-	2,268	519	236	31	3,054	
38	SUGAR NES	-	-	-	-	-	-	-	
39	SUGAR PREPARATIONS	-	-	22	9	55	-	86	
40	COCOA AND CHOCOLATE	-	-	-	-	5	-	5	
41	COFFEE	-	-	28	-	6	-	34	
42	SPICES	-	-	-	51	20	-	71	
43	VINEGAR	-	-	-	-	-	-	-	
44	SHORTENING	-	-	-	-	-	-	-	
45	LARD	-	-	-	-	49	-	49	
46	SAUSAGE CASINGS	-	-	10	-	51	-	61	
47	MISC. FOOD PREP. NES	-	-	748	282	507	27	1,564	
48	HULLS, SCREENINGS, CHAFF ..	4,600	-	76,998	-	2,430	11,089	95,117	
49	GROUND CEREALS NES	468	-	9,098	-	-	276	9,842	
50	SOYABEAN OIL MEAL, CAKE	-	-	95,246	250	-	-	95,496	
51	OIL SEED MEAL, CAKE, NES	-	-	935	-	2,747	-	3,682	
52	BREWERS GRAINS	-	-	-	-	-	-	-	
53	FEEDS OF VEG. ORIGIN	805	-	1,036	-	-	18	1,859	
54	FEEDS OF ANIMAL ORIGIN	-	-	2,161	-	2,783	222	5,166	

TABLE 11A. CARGO TONNAGE UPBOUND THROUGH THE ST. LAWRENCE CANALS BY COMMODITY, ORIGIN AND DESTINATION.

OTHER BRITISH COMMONWEALTH		OTHER EUROPE		OTHER COUNTRIES		TOTAL		GRAND TOTAL	NO.
TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.		
26	59	2,112	6,678	483	7,562	3,484	16,971	20,455	173
-	-	91	1,611	-	139	767	1,791	2,558	174
49	117	1,384	1,749	273	168	2,191	3,736	5,927	175
-	19	651	6,775	294	601	995	7,623	8,618	176
114	38	3,070	5,530	3,243	1,699	9,029	7,966	16,995	177
653	1,266	50,373	148,850	10,393	17,104	92,023	199,085	291,108	178
1,798	751	7,392	4,500	7,376	3,502	20,884	10,338	31,222	179
-	8	294	272	-	-	337	329	666	180
102	-	593	561	55	1,127	1,182	1,745	2,927	181
1,663	864	25,859	20,303	6,485	6,161	68,858	39,898	108,756	182
3,563	1,623	34,138	25,656	13,916	10,790	91,261	52,310	143,571	184
-	-	89	-	-	-	146,809	105	146,914	185
-	-	89	-	-	-	146,809	105	146,914	186
456,696	193,178	527,160	2,776,119	640,427	1,268,872	6,856,652	15,608,257	22,464,909	188

TABLE 11B. CARGO TONNAGE DOWNBOUND THROUGH THE ST. LAWRENCE CANALS BY COMMODITY, ORIGIN AND DESTINATION.

CANADA	U.S.A.	UNITED STATES				TOTAL	GRAND TOTAL	NO.
		UNITED KINGDOM	OTHER BRITISH COMMONWEALTH	OTHER EUROPE	OTHER COUNTRIES			
-	-	12,737	18	33,419	303	46,477	49,010	1
-	-	-	-	-	-	-	358	2
-	-	1,497	-	500	-	1,997	2,610	3
-	-	14	-	59	-	73	95	4
-	-	-	-	-	-	-	77	5
-	-	-	-	-	-	-	17	6
-	-	3	-	2	-	5	14	7
-	-	-	-	-	93	93	93	8
-	-	23	-	124	-	147	1526	9
-	-	7	10,201	4,612	56,050	70,870	80,194	10
-	-	187	1,375	5,194	7,74	7,030	7,503	11
67,772	-	-	-	19,148	22,540	109,460	800,761	12
1,727,126	-	562,640	31	1,026,198	1,723	3,317,718	3,354,887	13
11,366	-	-	-	2,419	-	2,419	216,347	14
882,287	-	-	-	15,396	-	26,762	60,697	15
-	-	5,886	17,533	244,028	183,128	1,332,862	4,881,033	16
-	-	1,554	-	688	111	2,353	2,424	17
-	-	44	61,793	2,205	58,541	122,583	122,583	18
-	-	549	142	208	-	899	899	19
-	-	-	-	1,930	2,001	3,931	45,987	20
-	-	283	1,244	7,423	126,814	135,764	143,986	21
-	-	263	25,359	346	17,109	43,077	43,285	22
-	-	16	-	-	-	16	16	23
-	-	99	98	855	101	1,153	1,153	24
-	-	24	-	25	-	49	49	25
-	-	20	-	733	-	753	998	26
-	-	-	-	297	-	297	297	27
-	-	-	-	59	-	59	70	28
-	-	-	-	644	-	644	753	29
-	-	102	10	5,562	-	5,674	6,809	30
-	-	-	-	-	-	-	26	31
-	-	-	-	-	-	-	72	32
-	-	-	-	450	-	450	1,720	33
56,882	-	-	-	50	-	50	1,344	34
-	-	27,106	3,155	26,888	5,782	119,813	145,924	35
-	-	473	1,381	2,294	4,582	8,730	11,784	36
-	-	363	-	2,047	1,132	3,542	3,542	37
-	-	60	-	50	-	110	196	38
-	-	-	-	-	-	-	5	39
-	-	-	-	-	-	-	34	40
-	-	8	-	8	-	16	87	41
-	-	-	-	6	-	6	6	42
-	-	-	-	82	-	95	95	43
-	-	67,766	22	1,772	-	69,560	69,609	44
-	-	493	125	1,120	-	1,738	1,799	45
-	-	440	171	879	160	1,650	3,214	46
-	-	-	-	5,173	-	5,173	100,290	47
-	-	1,644	-	10,873	-	12,517	22,359	48
-	-	-	62	123,505	-	123,567	219,063	49
-	-	-	-	84,116	-	84,116	87,798	50
-	-	-	-	3,250	50	3,300	3,300	51
-	-	151	-	500,203	2,576	502,930	504,789	52
-	-	-	-	54	-	54	5,220	53
-	-	-	-	-	-	-	5,220	54

TABLE 11B. CARGO TONNAGE DOWNBOUND THROUGH THE ST. LAWRENCE CANALS BY COMMODITY, ORIGIN AND DESTINATION.

NO.	COMMODITY	CANADA TO					OTHER EUROPE	OTHER COUNTRIES	TOTAL
		CANADA	U.S.A.	UNITED KINGDOM	OTHER BRITISH COMMONWEALTH				
55	CONC. COMPLETE FEEDS	-	-	1,252	10	529	31	1,822	
56	NON-ALCOHOLIC BEVERAGE	-	-	-	11	-	-	11	
57	ALE, BEER, STOUT, PORTER	-	-	-	-	5	-	5	
58	WINES	-	-	-	-	-	-	-	
59	FERM. ALCOHOLIC BEV.	-	-	-	-	-	-	-	
60	DIST. ALCOHOLIC BEV.	-	-	308	5	17,444	-	17,757	
61	CIGARETTES	-	-	-	-	2	-	2	
62	TOBACCO NES	-	-	16,463	-	405	21	16,889	
63	TOTAL	4,413,425	-	319,017	8,764	91,541	39,964	4,872,711	
64	CRUDE MATERIALS, INEDIBLE.								
65	RAW HIDES AND SKINS	-	-	296	523	13,030	2,715	16,564	
66	CRUDE ANIMAL PROD. NES	-	-	12	-	44	-	56	
67	SEEDS FOR SOWING NES	-	-	716	-	675	98	1,489	
68	FLAXSEED	176,231	-	6,384	-	59,196	-	241,811	
69	MUSTARD SEED	-	-	-	-	13,535	-	13,535	
70	RAPESEED	22,259	-	951	-	10,777	14,112	48,099	
71	SOYA BEANS	100,165	-	1,071	-	118	-	101,354	
72	OIL SEEDS, NUTS NES	-	-	1	-	292	-	293	
73	CRUDE VEG. PROD. NES	-	-	-	-	128	-	128	
74	LOGS	-	-	548	-	1,924	-	2,472	
75	WOOL AND ANIMAL HAIR	-	-	15	-	-	6	21	
76	TEXTILE FIBRES NES	-	-	26	599	156	6	787	
77	COPPER ORE AND CONC.	-	-	-	-	6,516	2,375	8,891	
78	IRON ORE AND CONC.	-	-	-	-	-	-	-	
79	MANGANESE ORE	-	-	-	-	412	-	412	
80	NICKEL-COPPER ORE	-	-	-	-	-	-	-	
81	ORES AND CONC. NES	-	-	-	-	595	306	901	
82	IRON AND STEEL SCRAP	11,621	-	-	-	107,829	43,347	162,797	
83	NON-FERROUS MET. SCRAP	-	-	325	236	11,521	589	12,671	
84	SLAG, DROSS, BY-PRODUCTS	-	-	45	-	1,357	-	1,402	
85	COAL BITUMINOUS	1,745	-	-	-	-	-	1,745	
86	COAL NES	340	-	-	-	-	-	340	
87	NATURAL GAS	-	-	-	-	-	-	-	
88	BENTONITE	-	-	-	-	-	-	-	
89	CHINA CLAY	-	-	-	-	-	-	-	
90	DOLOMITE	-	-	-	-	-	-	-	
91	CLAY MATERIALS NES	-	-	-	-	-	-	-	
92	SAND AND GRAVEL	-	-	-	-	-	-	-	
93	LIMESTONE	-	-	-	10	-	-	10	
94	STONE, CRUDE, NES	37,268	-	-	-	13	-	37,281	
95	GYPSUM	-	-	-	-	-	-	-	
96	SALT	288,364	-	31	-	6	-	288,401	
97	CRUDE NON-MET. MIN. NES	-	-	8,858	81	106	-	9,045	
98	COTTON, TEXTILE WASTE	-	-	-	103	1,158	113	1,374	
99	WASTE AND SCRAP NES	-	-	-	7	452	29	468	
100	TOTAL	637,993	-	19,279	1,559	229,840	63,696	952,367	
101	FABRICATED MATERIALS, INEDIBLE								
102	LEATHER	-	-	42	8	5	-	55	
103	RUBBER FAB. MATERIALS	-	-	-	-	-	-	-	
104	LUMBER AND TIMBER	-	-	1,411	215	3,431	1,175	6,232	
105	FLOORING	-	-	72	-	20	-	92	
106	SHINGLES AND SHAKES	-	-	-	-	100	-	100	
107	SAWMILL PROD. NES	-	-	190	-	-	-	190	
108	VENEER AND PLYWOOD	-	-	45	205	66	121	437	
109	COOPERAGE STOCK ETC.	-	-	-	-	11	-	11	
110	WOOD FABRICATED MTL.	-	-	6	-	-	-	6	
111	PULP	-	-	3,348	966	6,816	-	11,130	
112	NEWSPRINT PAPER	-	3,617	-	1,787	5,791	2,412	13,607	
113	PAPER NES	-	-	681	913	655	109	2,358	
114	PAPERBOARD	-	-	21	15	399	-	435	
115	BLDG. PAPER AND BOARD	-	-	173	5	252	15	445	
116	WET MACHINE BOARD	-	-	-	468	48	13	529	
117	CORDAGE, TWINE, ROPE	-	-	-	-	-	-	-	
118	TEXTILE FAB. MTL. NES	-	-	50	5	63	-	118	
119	ANIMAL OILS, EXC. MARINE	-	-	1,639	355	2,295	-	4,289	
120	FISH, MARINE ANIMAL OIL	-	-	-	21	-	-	21	
121	SOYABEAN OIL	-	-	18,794	-	335	-	19,129	
122	VEG. OILS, FATS, NES	-	-	1,486	-	-	-	1,486	
123	OILS, FATS, WAXES, NES	-	-	39	531	605	-	1,175	
124	SULPHURIC ACID	-	-	-	-	-	1,199	1,199	
125	METALLIC SALTS	27,387	-	4,516	862	3,853	57	36,675	
126	INORGANIC CHEMICALS	22,025	-	402	569	101	6	23,103	
127	GLYCOL	-	-	2,400	-	2,561	-	4,961	
128	ORGANIC CHEMICALS NES	-	-	37,200	255	14,811	270	52,536	
129	FERTILIZERS	-	-	-	-	-	-	-	
130	FERT. & FERT. MAT. NES	-	-	11	10,117	29	117	10,274	
131	AGRICULTURAL CHEMICALS	-	-	-	27	-	103	130	
132	SYNTHETIC RUBBER	-	-	14,674	2,227	24,537	3,269	44,707	
133	PLASTIC MATERIALS	-	-	2,923	2,629	3,820	2,365	11,737	
134	GYSTUFF, PIGMENT, PAINTS	-	-	49	233	163	19	464	
135	CHEM. SPECIALTIES NES	-	-	238	196	468	26	928	
136	GASOLINE	50,836	-	-	-	-	-	50,836	
137	FUEL OIL	117,301	-	-	-	-	-	117,301	
138	LUBRICATING OIL, GREASE	653	-	-	16	114	63	846	
139	COKE	1,761	-	-	-	58,429	9,299	69,489	
140	ASPHALTS, ROAD OILS	-	-	282	-	-	13	295	

TABLE 11B. CARGO TONNAGE DOWNBOUND THROUGH THE ST. LAWRENCE CANALS BY COMMODITY, ORIGIN AND DESTINATION.

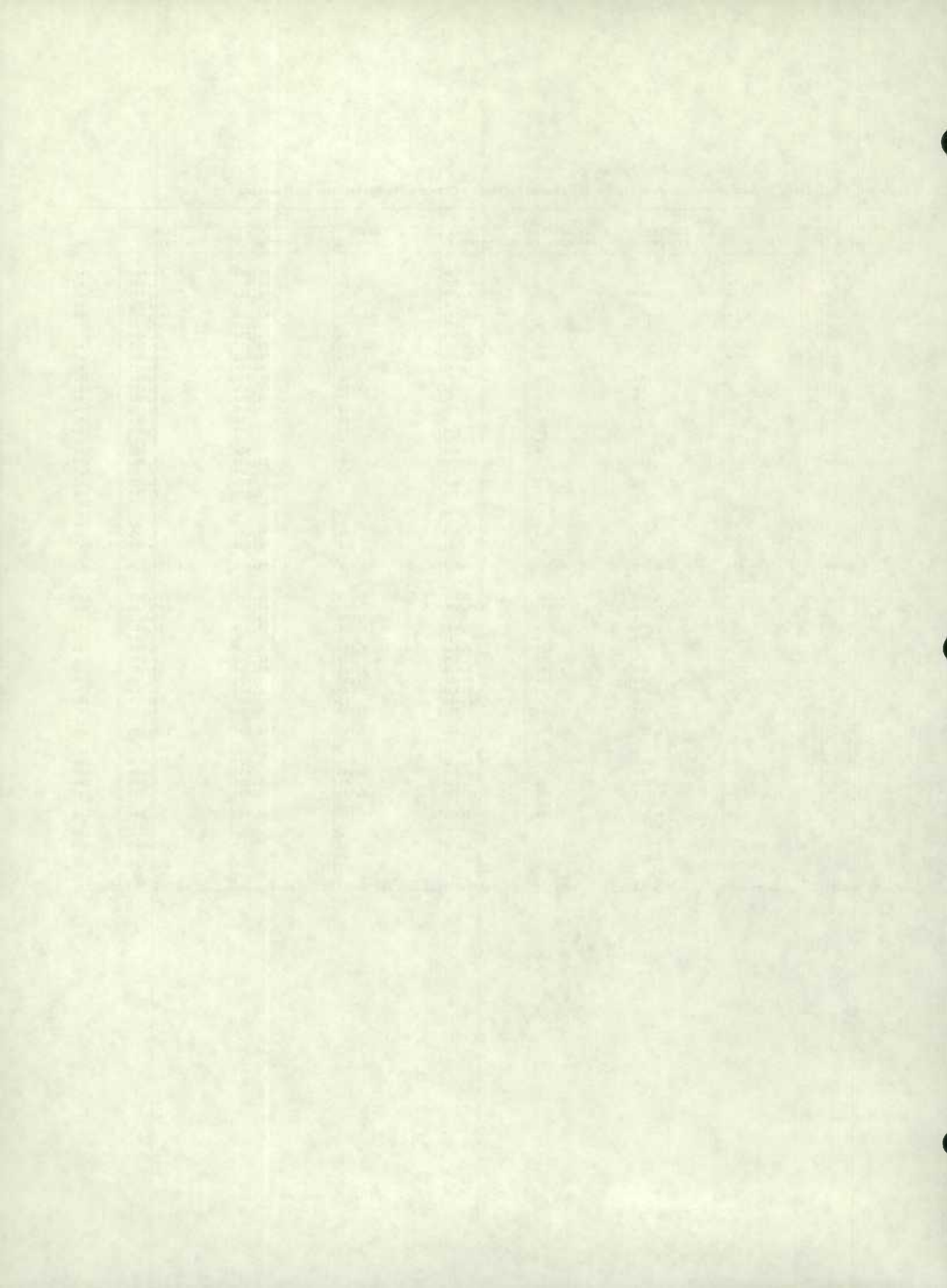
CANADA	U. S. A.	UNITED STATES				TOTAL	GRAND TOTAL	NO.
		UNITED KINGDOM	OTHER BRITISH COMMONWEALTH	OTHER EUROPE	OTHER COUNTRIES			
-	-	-	9	7,280	385	7,674	9,496	55
-	-	-	-	18	82	100	111	56
-	-	-	-	-	-	-	5	57
-	-	-	-	61	50	111	111	58
-	-	-	-	45	54	99	99	59
-	-	52	-	685	44	781	18,538	60
-	-	-	-	-	-	-	2	61
-	-	-	36	26	-	62	16,951	62
2,745,433	-	684,504	122,778	2,138,089	488,605	6,179,409	11,052,120	63
-	-	1,246	692	75,433	7,267	84,638	101,202	64
-	-	92	-	265	-	357	413	65
-	-	662	-	2,411	93	3,166	4,655	66
83,326	-	-	-	100,395	-	183,721	425,532	68
-	-	-	-	560	-	560	14,095	69
-	-	-	-	-	-	-	48,099	70
926,957	-	24,356	18	378,821	161,606	1,491,758	1,593,112	71
-	-	-	-	-	-	-	293	72
-	-	77	-	41	-	118	246	73
-	-	-	-	29,391	963	30,354	32,826	74
-	-	-	-	-	-	-	21	75
-	-	93	198	986	58	1,335	2,122	76
-	-	-	-	430	-	430	9,321	77
98,747	-	-	-	-	-	98,747	98,747	78
-	-	-	-	-	-	-	412	79
-	-	-	-	85	-	85	85	80
-	-	-	-	246	404	650	1,551	81
5,651	-	124,869	-	690,206	471,887	1,292,613	1,455,410	82
-	-	245	24	33,584	840	34,693	47,364	83
-	-	918	-	928	-	1,846	3,248	84
392,268	-	-	-	205	-	392,473	394,218	85
-	-	-	-	-	-	-	340	86
-	-	1,835	-	1,107	-	2,942	2,942	87
97,980	-	32,620	100	11,634	337	142,671	142,671	88
-	-	20	-	-	-	20	20	89
5,406	-	-	43	-	-	5,449	5,449	90
5,518	-	98	-	46,615	-	52,231	52,231	91
-	-	600	-	307	20	927	927	92
-	-	-	-	-	-	-	10	93
-	-	-	-	713	12	725	37,281	94
99,258	-	-	-	-	-	99,258	387,659	95
30	-	544	-	1,667	28	2,269	11,314	97
-	-	144	25	5,678	48	5,895	7,269	98
-	-	111	-	1,549	7	1,667	2,155	99
1,715,141	-	188,530	1,100	1,383,257	643,570	3,931,598	4,883,965	100
-	-	32	41	362	-	435	490	101
-	-	-	-	88	-	88	88	102
-	-	2,673	69	2,376	-	5,118	11,350	104
-	-	-	-	274	-	274	366	105
-	-	-	-	-	-	-	100	106
-	-	15	-	758	65	838	1,275	108
-	-	-	-	603	-	603	614	109
-	-	-	-	106	-	106	112	110
-	-	-	11	59	-	70	11,200	111
-	-	10	-	-	-	10	13,617	112
-	-	4,862	1,070	2,388	15	8,335	10,693	113
-	-	-	12	69	34	115	550	114
-	-	42	143	52	6	243	688	115
-	-	-	-	-	-	-	529	116
-	-	15	-	-	-	15	15	117
-	-	42	-	30	-	72	190	118
-	-	12,037	3,087	53,806	25,606	94,536	98,825	119
-	-	-	-	-	-	-	21	120
-	-	-	25	-	-	25	19,154	121
-	-	1,678	-	11,263	1,327	14,268	15,754	122
-	-	1,021	125	1,255	249	2,650	3,825	123
-	-	-	-	17	11	28	1,227	124
19,559	-	861	93	2,495	255	23,263	59,938	125
-	-	-	16	839	60	915	24,018	126
-	-	-	-	-	7	7	4,968	127
5,015	-	669	1,761	19,405	4,411	26,246	78,782	128
-	-	-	-	46	-	5,061	5,061	129
-	-	-	23	140	8	171	10,445	130
-	-	70	111	211	173	565	695	131
-	-	1,386	340	2,195	1,064	4,985	49,692	132
-	-	3,622	3,632	5,584	1,906	14,744	26,481	133
-	-	26	58	419	-	503	967	134
-	-	2,490	492	5,633	2,509	11,124	12,052	135
396	2,394	-	-	-	-	-	50,836	136
-	-	-	-	57	-	2,847	120,211	137
256,193	-	227	69	4,542	421	5,259	6,042	138
-	-	-	-	23,934	-	280,127	349,616	139
-	-	303	-	670	13	986	1,281	140

TABLE 116. CARGO TONNAGE DOWNBOUND THROUGH THE ST. LAWRENCE CANALS BY COMMODITY, ORIGIN AND DESTINATION.

NO.	COMMODITY	CANADA TO						TOTAL
		CANADA	U.S.A.	UNITED KINGDOM	OTHER BRITISH COMMONWEALTH	OTHER EUROPE	OTHER COUNTRIES	
141	COAL TAR, PITCH	-	-	-	-	-	-	-
142	PETROL, COAL PROD. NES	53,954	-	21	21	210	-	54,206
143	FERRO-ALLOYS	-	-	-	-	1,440	-	1,440
144	PIG IRON	-	-	-	-	-	66,502	66,502
145	PRIMARY IRON, STEEL NES	-	-	57	-	73	2,497	2,627
146	CASTINGS, FORGINGS	9,882	-	-	5	-	-	9,887
147	BARs AND RODS, STEEL	1,165	-	2,445	1,919	6,485	177	12,191
148	PLATE & SHEET STEEL	-	-	5,173	4,710	6,652	16,803	33,346
149	STRUCTURAL SHAPES	12,385	-	662	168	185	1,477	14,877
150	RAILS AND TRACK MTL	331	-	-	-	-	-	331
151	PIPE, TUBE, IRON & STEEL	-	-	10	4,296	126	-	4,432
152	WIRE	-	-	103	232	783	-	1,118
153	ALUMINUM	-	-	22	326	516	-	864
154	COPPER AND ALLOYS	-	-	2,326	71	2,602	719	5,718
155	LEAD AND ALLOYS	-	-	-	166	79	-	245
156	NICKEL AND ALLOYS	-	-	1,078	126	1,027	12	2,243
157	ZINC AND ALLOYS	-	-	2,148	-	6,440	677	9,265
158	NON-FERROUS METAL NES	-	-	17	-	67	28	112
159	METAL FAB. BASIC PROD.	29	-	239	181	639	42	1,130
160	BUILDING BRICK, CLAY	-	-	-	-	-	-	-
161	BRICKS, TILES, NES	-	-	-	493	736	-	1,229
162	GLASS BASIC PRODUCTS	-	-	22	-	234	63	319
163	ASBESTOS BASIC PROD.	-	-	-	-	-	303	303
164	CEMENT BASIC PROD.	-	-	-	6	-	-	6
165	LIME	-	-	-	-	-	-	-
166	NON-MET. MIN. BASIC PROD. ..	4,193	-	2,100	117	1,129	-	7,539
167	MISC. FABRICATED PROD.	-	-	25	49	68	-	142
168	TOTAL	301,902	3,617	107,140	35,519	159,269	109,951	717,398
169	END PRODUCTS, INEDIBLE	-	-	-	-	-	-	-
170	TRACTORS	-	-	39	173	422	103	737
171	MACHINERY NES	497	-	1,946	2,008	3,451	2,055	9,957
172	RAILWAY ROLLING STOCKS	-	-	-	-	-	-	-
173	PASS. AUTOS & CHASSIS	-	-	38	-	12	7,129	7,179
174	BUSES AND CHASSIS	-	-	-	-	-	-	-
175	TRUCKS AND CHASSIS	-	-	5	27	255	50	337
176	MILITARY MOTOR VEH. & TRA. ..	-	-	-	-	-	-	-
177	MOTOR VEHICLE ENGINES	-	-	177	223	4,205	27	4,632
178	ROAD MOTOR VEH. NES	-	-	-	57	-	-	57
179	SHIPS, AIRCRAFT, MIS. VEH. ..	-	-	37	17	22	-	76
180	RUBBER TIRES & TUBES	-	-	6	16	11	-	33
181	EQUIPMENT	37	-	1,126	319	434	268	2,184
182	TOTAL	534	-	3,374	2,840	8,812	9,632	25,192
183	MISCELLANEOUS FREIGHT N.E.S. ..	-	-	-	-	-	-	-
184	PERSONAL, HSEHOLD. GOODS	-	-	593	452	813	135	1,993
185	FIREARMS, AMMUNITION	-	-	-	-	13	-	13
186	CONTAINERS, CLOSURES	20	-	828	146	564	-	1,558
187	MISC. END PRODUCTS	-	-	3,100	2,705	4,317	1,158	11,280
188	TOTAL	20	-	4,521	3,303	5,707	1,293	14,844
189	DOMESTIC PACKAGE FREIGHT	-	-	-	-	-	-	-
190	DOMESTIC PACKAGE FRT.	293,585	-	-	-	-	-	293,585
191	TOTAL	293,585	-	-	-	-	-	293,585
192	GRAND TOTALS	5,647,459	3,617	453,331	51,985	495,169	224,536	6,876,097

TABLE 11B. CARGO TONNAGE DOWNBOUND THROUGH THE ST. LAWRENCE CANALS BY COMMODITY, ORIGIN AND DESTINATION.

CANADA	U.S.A.	UNITED STATES				TOTAL	GRAND TOTAL	NO.
		UNITED KINGDOM	OTHER BRITISH COMMONWEALTH	OTHER EUROPE	OTHER COUNTRIES			
23,403	-	16	-	434	-	23,853	23,853	141
-	42,276	485	-	1,709	20	44,490	98,696	142
-	-	593	1,303	3,257	-	5,153	6,593	143
-	-	-	-	-	-	-	66,502	144
659	-	43,490	-	96,771	2,086	143,006	145,633	145
-	-	219	-	138	-	357	10,244	146
-	-	-	-	3,213	45	3,258	15,449	147
-	-	29,978	15,542	526,786	36,881	609,187	642,533	148
-	-	188	68	38,703	12,124	51,083	65,960	149
172	-	-	-	6,702	-	6,874	7,205	150
-	-	243	41	96	-	380	4,812	151
-	-	14	-	141	1,154	1,309	2,427	152
-	-	99	-	9,751	47	9,897	10,761	153
588	-	440	-	1,614	48	2,690	8,408	154
-	-	-	-	-	16	16	261	155
-	-	-	16	40	189	253	2,496	156
-	-	-	-	7	-	7	9,272	157
-	-	154	-	654	-	808	920	158
1,000	-	175	6	24,054	644	25,879	27,009	159
-	-	-	-	-	57	57	57	160
-	-	92	9	428	59	588	1,817	161
-	-	83	-	2,311	5	2,399	2,718	162
-	-	-	-	-	-	-	303	163
-	-	-	-	70	-	70	76	164
-	-	-	-	22	-	22	22	165
-	-	111	43	1,355	894	2,403	9,942	166
-	-	176	-	1,017	12	1,205	1,347	167
306,985	44,670	108,580	28,263	858,957	92,421	1,439,876	2,157,274	168
-	-	3,480	1,536	8,990	258	14,264	15,001	169
-	-	7,653	5,231	29,902	7,085	49,871	59,828	171
-	-	5	320	60	3,530	3,915	3,915	172
-	-	-	11,584	1,683	4,961	18,228	25,407	173
-	-	18	-	13	-	31	31	174
-	-	23	627	1,728	2,230	4,608	4,945	175
-	-	-	265	15,599	276	16,140	16,140	176
-	-	1,360	6,662	3,526	1,817	13,365	17,997	177
153	-	153	134	4,515	3,937	8,739	8,796	178
-	-	139	63	1,308	163	1,673	1,749	179
-	-	316	-	1,469	18	1,803	1,836	180
-	-	960	41	3,867	1,522	6,390	8,574	181
-	-	14,107	26,463	72,660	25,797	139,027	164,219	182
-	-	547	480	1,486	1,014	3,527	5,520	183
-	-	14	-	2,063	396	2,473	2,486	185
-	-	701	61	1,138	51	1,951	3,509	186
-	-	5,118	1,585	19,143	2,653	28,499	39,779	187
-	-	6,380	2,126	23,830	4,114	36,450	51,294	188
-	-	-	-	-	-	-	293,585	189
-	-	-	-	-	-	-	293,585	190
-	-	-	-	-	-	-	293,585	191
4,767,559	44,670	1,002,101	180,730	4,476,793	1,254,507	11,726,360	18,602,457	192



SECTION III

THE WELLAND CANAL SECTION
OF THE ST. LAWRENCE SEAWAY

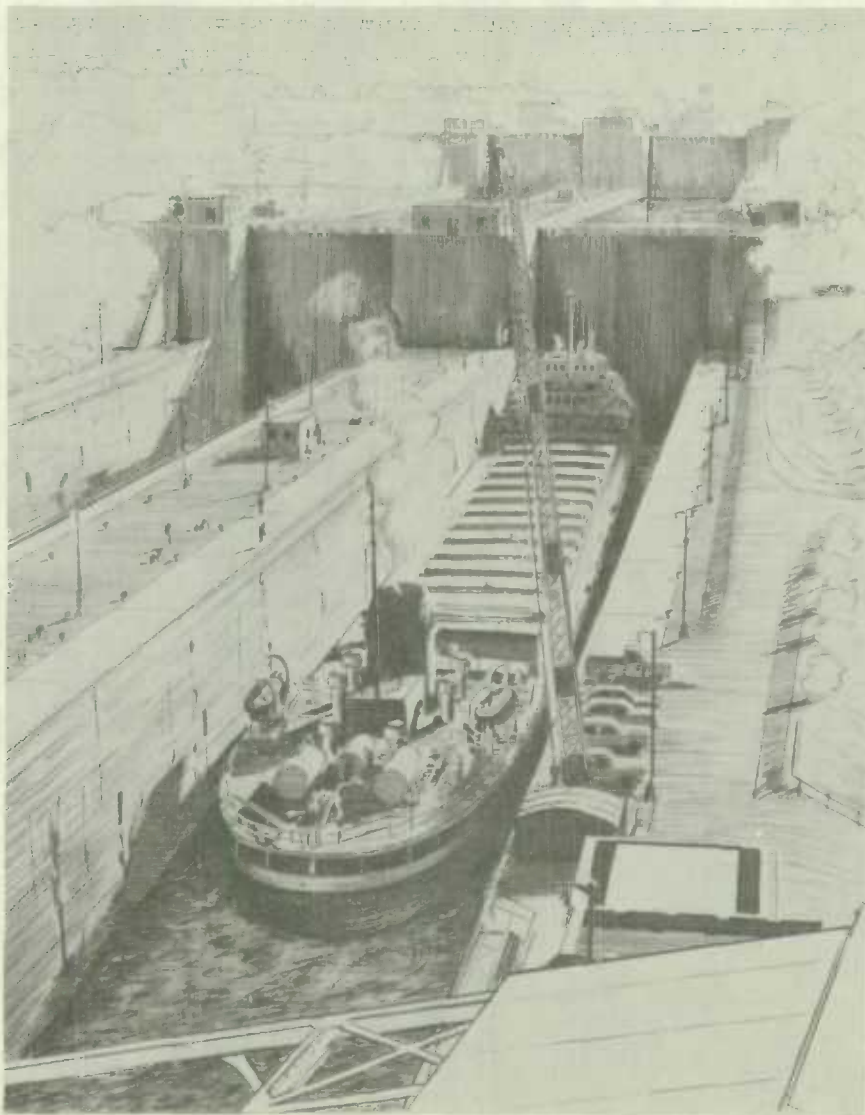


TABLE 1. NUMBER AND TONNAGE OF VESSELS, CARGO TONNAGE, AND PASSENGERS THROUGH THE WELAND CANAL BY KIND OF VESSEL.

KIND OF VESSEL	NUMBER OF VESSELS			REGISTERED NET TONS	GROSS TONS	CARGO TONS	NUMBER OF PASSENGERS
	IN BALLAST	WITH CARGO	TOTAL				
UPBOUND.							
CARGO	1,038	1,754	2,792	19,623,878	27,080,634	17,842,625	138
SCOW, BARGE, ETC	3		3	3	204		
TANKER	109	242	351	865,740	1,342,383	1,320,786	
TUG OR DREDGE	75		75	163	12,696		
TUG AND SCOW	68	83	151	191,782	194,548	198,124	
NAVAL OR GOVERNMENT	35		35	8,673	24,187		
OTHER	28		28	243	8,263		
TOTAL	1,356	2,079	3,435	20,690,482	28,662,915	19,361,535	138
DOWNBOUND.							
CARGO	285	2,520	2,805	19,609,050	27,116,545	33,004,283	164
SCOW, BARGE, ETC	3		3	3	204		
TANKER	161	201	362	902,858	1,408,814	927,239	
TUG OR DREDGE	55		55	481	8,628		
TUG AND SCOW	58	115	173	264,331	271,317	280,243	
NAVAL OR GOVERNMENT	56		56	1,877	38,997		
OTHER	24		24	27	7,800		
TOTAL	642	2,836	3,478	20,778,627	28,852,305	34,211,765	164
GRAND TOTALS	1,998	4,915	6,913	41,469,109	57,515,220	53,573,300	302

TABLE 2. NUMBER AND TONNAGE OF VESSELS, CARGO TONNAGE, AND PASSENGERS THROUGH THE WELAND CANAL BY REGISTRY OF VESSEL.

COUNTRY OF REGISTRY	NUMBER OF VESSELS			REGISTERED NET TONS	GROSS TONS	CARGO TONS	NUMBER OF PASSENGERS
	IN BALLAST	WITH CARGO	TOTAL				
UPBOUND							
CANADA	1,048	1,050	2,098	14,937,773	19,137,828	12,902,128	
UNITED STATES	130	103	233	505,557	677,213	380,289	
UNITED KINGDOM	17	128	145	600,159	1,117,873	789,035	1
OTHER BRITISH COMMONWEALTH	37	103	140	693,414	1,052,856	1,080,036	
BELGIUM	1	11	12	141,195	188,281	198,435	
DENMARK	5	27	32	234,872	406,820	245,829	
FINLAND		3	3	6,033	11,921	3,258	
FRANCE	6	38	44	280,433	472,163	412,120	
GERMANY	26	162	188	438,726	777,001	386,232	67
GREECE	10	55	65	359,131	588,269	439,924	
ITALY	1	24	25	124,944	226,240	200,053	
NETHERLANDS	5	22	27	75,653	139,442	62,117	
NORWAY	30	173	203	1,069,626	1,888,979	975,924	29
SWEDEN	2	25	27	112,588	192,208	151,167	3
SPAIN	10	3	13	88,452	134,579	20,381	
YUGOSLAVIA	3	28	31	126,426	220,122	149,880	38
OTHER EUROPEAN COUNTRIES	4	7	11	60,259	101,335	14,805	
PANAMA	3	7	10	43,843	76,661	65,988	
SOUTH AMERICAN COUNTRIES	1	2	3	18,019	25,628	1,568	
MIDDLE EAST COUNTRIES		24	24	141,808	239,590	192,504	
JAPAN	2	20	22	110,569	186,740	77,686	
LIBERIA	15	63	78	515,322	811,929	611,217	
OTHER AFRICAN COUNTRIES		1	1	5,680	9,237	959	
TOTAL	1,356	2,079	3,435	20,690,482	28,662,915	19,361,535	138
DOWNBOUND							
CANADA	439	1,662	2,101	14,941,616	19,165,424	25,473,053	
UNITED STATES	72	192	264	557,607	758,990	675,557	
UNITED KINGDOM	30	115	145	595,700	1,106,426	916,425	
OTHER BRITISH COMMONWEALTH	51	92	143	706,382	1,075,693	862,233	
BELGIUM		11	11	126,473	179,201	195,328	
DENMARK	4	27	31	228,651	397,588	374,946	
FINLAND		3	3	6,033	11,921	2,037	
FRANCE	1	43	44	272,047	441,634	499,248	
GERMANY	5	179	184	439,316	777,602	703,304	96
GREECE	8	60	68	369,292	603,815	548,864	
ITALY	3	22	25	128,152	231,947	187,428	
NETHERLANDS	1	26	27	76,294	139,442	89,541	
NORWAY	20	187	207	1,101,213	1,943,987	1,845,724	25
SWEDEN		25	25	99,362	167,529	149,148	
SPAIN	1	13	14	88,363	136,182	168,710	
YUGOSLAVIA		32	32	126,381	223,539	223,379	43
OTHER EUROPEAN COUNTRIES	1	11	12	61,131	104,682	61,589	
PANAMA		10	10	46,348	80,480	110,323	

TABLE 2. NUMBER AND TONNAGE OF VESSELS, CARGO TONNAGE, AND PASSENGERS THROUGH THE WELAND CANAL BY REGISTRY OF VESSEL.

COUNTRY OF REGISTRY	NUMBER OF VESSELS			REGISTERED NET TONS	GROSS TONS	CARGO TONS	NUMBER OF PASSENGERS
	IN BALLAST	WITH CARGO	TOTAL				
CENTRAL AMERICAN & CARIBBEAN	1		1	2,903	2,903		
SOUTH AMERICAN COUNTRIES	1	2	3	14,917	25,628	1,757	
MIDDLE EAST COUNTRIES		24	24	141,107	239,590	220,389	
JAPAN		22	22	111,042	187,420	82,101	
LIBERIA	4	77	81	532,617	841,445	815,659	
OTHER AFRICAN COUNTRIES		1	1	5,680	9,237	5,022	
TOTAL	642	2,836	3,478	20,778,627	28,852,305	34,211,765	164
GRAND TOTALS	1,998	4,915	6,913	41,469,109	57,515,220	53,573,300	302

TABLE 3. NUMBER AND TONNAGE OF VESSELS, CARGO TONNAGE, AND PASSENGERS THROUGH THE WELAND CANAL BY LENGTH OF VESSEL.

LENGTH OF VESSEL	NUMBER OF VESSELS			REGISTERED NET TONS	GROSS TONS	CARGO TONS	NUMBER OF PASSENGERS
	IN BALLAST	WITH CARGO	TOTAL				
UPBOUND.							
UNDER 80 FEET	67		67	440	4,204		
80 TO 119 FEET	57		57	5,279	14,413		
120 TO 159 FEET	45	19	64	13,262	28,516	8,838	
160 TO 199 FEET	14	27	41	14,515	26,432	17,610	
200 TO 239 FEET	31	88	119	144,385	159,246	196,673	
240 TO 279 FEET	133	120	253	344,030	523,622	360,539	
280 TO 319 FEET	63	67	130	211,177	323,322	191,333	
320 TO 359 FEET	41	183	224	489,416	742,345	690,018	5
360 TO 399 FEET	38	156	194	437,550	726,580	519,480	32
400 TO 439 FEET	52	122	174	507,923	834,953	438,324	33
440 TO 479 FEET	56	265	321	1,290,118	2,070,643	922,813	39
480 TO 519 FEET	45	221	266	1,313,826	2,284,736	1,560,492	24
520 TO 559 FEET	73	191	264	1,595,066	2,374,641	1,849,173	5
560 TO 599 FEET	47	147	194	1,331,884	2,029,504	1,817,955	
600 TO 639 FEET	73	95	168	1,349,690	1,862,023	1,322,272	
640 TO 679 FEET	42	67	109	1,032,390	1,425,429	1,307,751	
680 TO 759 FEET	479	311	790	10,609,531	13,232,306	8,150,264	
TOTAL	1,356	2,079	3,435	20,690,482	28,662,915	19,361,535	138
DOWNBOUND.							
UNDER 80 FEET	67	1	68	6,579	14,301	11,775	
80 TO 119 FEET	48		48	4,262	10,893		
120 TO 159 FEET	46	17	63	16,006	29,744	9,309	
160 TO 199 FEET	31	19	50	20,654	37,061	18,541	
200 TO 239 FEET	23	105	128	156,497	174,734	255,245	
240 TO 279 FEET	75	186	261	351,354	544,827	568,536	
280 TO 319 FEET	13	120	133	218,101	331,836	411,558	
320 TO 359 FEET	62	164	226	487,300	742,106	658,579	10
360 TO 399 FEET	38	160	198	449,576	741,543	566,387	52
400 TO 439 FEET	23	154	177	525,887	848,118	751,777	14
440 TO 479 FEET	12	312	324	1,280,808	2,075,251	1,459,967	47
480 TO 519 FEET	17	260	277	1,373,090	2,380,719	2,148,997	41
520 TO 559 FEET	30	236	266	1,611,239	2,395,747	2,662,324	
560 TO 599 FEET	55	138	193	1,325,549	2,021,646	1,905,669	
600 TO 639 FEET	15	153	168	1,334,591	1,861,114	2,256,702	
640 TO 679 FEET	9	101	110	1,037,923	1,435,736	1,852,417	
680 TO 759 FEET	78	710	788	10,579,209	13,206,929	18,673,982	
TOTAL	642	2,836	3,478	20,778,627	28,852,305	34,211,765	164
GRAND TOTALS	1,998	4,915	6,913	41,469,109	57,515,220	53,573,300	302

TABLE 4A. NUMBER AND TONNAGE OF VESSELS UPBOUND THROUGH THE WELAND CANAL BY REGISTRY OF VESSEL, ORIGIN AND DESTINATION.

ORIGIN AND COUNTRY OF REGISTRY	DESTINED TO						TOTAL		
	CANADA			UNITED STATES			VESSELS	REG. NET	GROSS TONS
	VESSELS	REG. NET	GROSS TONS	VESSELS	REG. NET	GROSS TONS			
PORT ON LAKE ONTARIO.									
COUNTRY OF REGISTRY									
CANADA	507	1,865,943	2,567,737	573	6,134,571	7,733,407	1,080	8,000,514	10,301,224
UNITED STATES	5	2,106	2,692	80	170,637	227,184	85	172,743	229,876
UNITED KINGDOM	1	4,626	10,762				1	4,626	10,762
OTHER COMMONWEALTH COUNTRIES ..	1	8,268	10,818	97	475,503	697,280	98	483,771	708,098

TABLE 4A. NUMBER AND TONNAGE OF VESSELS UPBOUND THROUGH THE WELLAND CANAL BY REGISTRY OF VESSEL, ORIGIN AND DESTINATION.

ORIGIN AND COUNTRY OF REGISTRY	DESTINED TO						TOTAL		
	CANADA			UNITED STATES					
	VESSELS	REG. NET	GROSS TONS	VESSELS	REG. NET	GROSS TONS	VESSELS	REG. NET	GROSS TONS
GERMANY	4	4	942				4	4	942
GREECE	1	6,460	11,127	1	1,708	2,967	2	8,168	14,094
NORWAY				3	10,174	17,925	3	10,174	17,925
OTHER EUROPEAN COUNTRIES	1	2,952	5,518				1	2,952	5,518
TOTAL	520	1,890,359	2,609,596	754	6,792,593	8,678,843	1,274	8,682,952	11,288,439
PORTS ON THE ST. LAWRENCE RIVER. COUNTRY OF REGISTRY									
CANADA	332	1,604,773	2,115,429	657	5,220,319	6,556,109	989	6,825,092	8,671,538
UNITED STATES	1	1	133	17	57,362	87,677	18	57,363	87,810
UNITED KINGDOM	1	2,458	4,902	1	2,854	5,297	2	5,312	10,199
OTHER COMMONWEALTH COUNTRIES ..				8	52,930	68,042	8	52,930	68,042
GERMANY	2	2	471	1	1,477	2,411	3	1,479	2,882
GREECE	1	8,474	14,622	1	9,517	14,203	2	17,991	28,825
NORWAY	1	7,018	11,131	2	9,261	19,496	3	16,279	30,627
LIBERIA				2	9,320	16,417	2	9,320	16,417
TOTAL	338	1,622,726	2,146,688	689	5,363,040	6,769,652	1,027	6,985,766	8,916,340
PORTS OTHER THAN ON LAKE ONTARIO, AND THE ST. LAWRENCE RIVER. COUNTRY OF REGISTRY									
CANADA	10	54,327	81,516	19	57,840	83,550	29	112,167	165,066
UNITED STATES	1	1	286	129	275,450	359,241	130	275,451	359,527
UNITED KINGDOM	8	29,291	52,957	134	560,930	1,043,955	142	590,221	1,096,912
OTHER COMMONWEALTH COUNTRIES ..	3	6,759	14,785	31	149,954	261,931	34	156,713	276,716
BELGIUM				12	141,195	188,281	12	141,195	188,281
DENMARK	8	57,459	99,100	24	177,413	307,720	32	234,872	406,820
FINLAND				3	6,033	11,921	3	6,033	11,921
FRANCE				44	280,433	452,163	44	280,433	452,163
GERMANY	6	12,040	22,063	175	425,203	751,114	181	437,243	773,177
GREECE	2	9,865	17,049	59	323,107	528,301	61	332,972	545,350
ITALY	1	9,439	15,990	24	115,505	210,250	25	124,944	226,240
NETHERLANDS				27	75,653	139,442	27	75,653	139,442
NORWAY	11	43,900	83,734	186	999,273	1,756,693	197	1,043,173	1,840,427
SWEDEN	1	2,623	4,688	26	109,965	187,520	27	112,588	192,208
SPAIN				13	88,452	134,579	13	88,452	134,579
YUGOSLAVIA	1	10,403	16,955	30	116,023	203,167	31	126,426	220,122
OTHER EUROPEAN COUNTRIES	2	7,687	13,514	8	49,620	82,303	10	57,307	95,817
PANAMA				10	43,843	76,661	10	43,843	76,661
SOUTH AMERICAN COUNTRIES				3	18,019	25,628	3	18,019	25,628
MIDDLE EAST COUNTRIES	2	23,762	38,469	22	118,046	201,121	24	141,808	239,590
JAPAN				22	110,569	186,740	22	110,569	186,740
LIBERIA	1	1,853	3,500	75	504,149	792,012	76	506,002	795,512
OTHER AFRICAN COUNTRIES				1	5,680	9,237	1	5,680	9,237
TOTAL	57	269,409	464,606	1,077	4,752,355	7,993,530	1,134	5,021,764	8,458,136
GRAND TOTALS	915	3,782,494	5,220,890	2,520	16,907,988	23,442,025	3,435	20,690,482	28,662,915

TABLE 4B. NUMBER AND TONNAGE OF VESSELS DOWNBOUND THROUGH THE WELLAND CANAL BY REGISTRY OF VESSEL, ORIGIN AND DESTINATION.

DESTINATION AND COUNTRY OF REGISTRY	ORIGINATING IN						TOTAL		
	CANADA			UNITED STATES					
	VESSELS	REG. NET	GROSS TONS	VESSELS	REG. NET	GROSS TONS	VESSELS	REG. NET	GROSS TONS
PORT ON LAKE ONTARIO. COUNTRY OF REGISTRY									
CANADA	532	1,963,574	2,669,035	570	6,180,672	7,809,148	1,102	8,144,246	10,478,183
UNITED STATES	4	1,485	1,848	82	174,458	233,810	86	175,943	235,658
UNITED KINGDOM	2	9,368	15,504				2	9,368	15,504
OTHER COMMONWEALTH COUNTRIES ..	10	41,494	52,736	90	455,813	672,788	100	497,307	725,524
FRANCE				1	3,803	7,109	1	3,803	7,109
GERMANY	2	2	471				2	2	471
GREECE				1	1,708	2,967	1	1,708	2,967
NORWAY				1	2,390	3,970	1	2,390	3,970
CENTRAL AMER. AND CARIBBEAN ...				1	2,903	2,903	1	2,903	2,903
TOTAL	550	2,015,923	2,739,594	746	6,821,747	8,732,695	1,296	8,837,670	11,472,289
PORTS ON THE ST. LAWRENCE RIVER. COUNTRY OF REGISTRY									
CANADA	452	2,844,986	3,684,252	500	3,765,793	4,735,764	952	6,610,779	8,420,016
UNITED STATES	1	4,453	4,453	17	61,512	88,385	18	65,965	92,838
OTHER COMMONWEALTH COUNTRIES ..				6	39,327	50,612	6	39,327	50,612
NORWAY	1	3,215	6,586				1	3,215	6,586
TOTAL	454	2,852,654	3,695,291	523	3,866,632	4,874,761	977	6,719,286	8,570,052
PORTS OTHER THAN ON LAKE ONTARIO, AND THE ST. LAWRENCE RIVER. COUNTRY OF REGISTRY									
CANADA	41	146,174	207,432	6	40,417	59,793	47	186,591	267,225

TABLE 48. NUMBER AND TONNAGE OF VESSELS DOWNBOUND THROUGH THE WELAND CANAL BY REGISTRY OF VESSEL, ORIGIN AND DESTINATION.

DESTINATION AND COUNTRY OF REGISTRY	ORIGINATING IN						TOTAL		
	CANADA			UNITED STATES			VESSELS	REG. NET	GROSS TONS
	VESSELS	REG. NET	GROSS TONS	VESSELS	REG. NET	GROSS TONS			
UNITED STATES	5	18,907	23,109	195	296,792	407,385	160	315,699	430,494
UNITED KINGDOM	10	39,551	71,441	133	546,781	1,019,481	143	586,332	1,090,922
OTHER COMMONWEALTH COUNTRIES ..	4	11,691	23,064	33	158,057	276,493	37	169,748	299,557
BELGIUM				11	126,473	179,201	11	126,473	179,201
DENMARK	2	3,041	5,884	29	225,610	391,704	31	228,651	397,588
FINLAND				3	6,033	11,921	3	6,033	11,921
FRANCE	4	30,548	47,613	39	237,696	386,912	43	268,244	434,525
GERMANY	11	40,930	69,487	171	398,384	707,644	182	439,314	777,131
GREECE	13	64,955	104,248	54	302,629	496,600	67	367,584	600,848
ITALY	2	11,826	22,436	23	116,326	209,511	25	128,152	231,947
NETHERLANDS				27	76,294	139,442	27	76,294	139,442
NORWAY	14	71,667	131,144	191	1,023,941	1,802,287	205	1,095,608	1,933,431
SWEDEN	1	2,623	4,688	24	96,739	162,841	25	99,362	167,529
SPAIN				14	88,363	136,182	14	88,363	136,182
YUGOSLAVIA				32	126,381	223,539	32	126,381	223,539
OTHER EUROPEAN COUNTRIES	4	11,276	22,391	8	49,855	82,291	12	61,131	104,682
PANAMA	1	6,417	10,016	9	39,931	70,464	10	46,348	80,480
SOUTH AMERICAN COUNTRIES				3	14,917	25,628	3	14,917	25,628
MIDDLE EAST COUNTRIES				24	141,107	239,590	24	141,107	239,590
JAPAN				22	111,047	187,420	22	111,047	187,420
LIBERIA	4	22,095	35,720	77	510,522	805,725	81	532,617	841,445
OTHER AFRICAN COUNTRIES				1	5,680	9,237	1	5,680	9,237
TOTAL	116	481,701	778,673	1,089	4,739,970	8,031,291	1,205	5,221,671	8,809,964
GRAND TOTALS	1,120	5,350,278	7,213,558	2,358	15,428,349	21,638,747	3,478	20,778,627	28,852,305

TABLE 5. NUMBER AND TONNAGE OF VESSELS THROUGH THE WELAND CANAL BY REGISTRY OF VESSEL AND BY RIG.

COUNTRY OF REGISTRY	STEAM			MOTOR			OTHER			TOTAL		
	NO. OF VESSELS	REG. NET TONS	GROSS TONS	NO. OF VESSELS	REG. NET TONS	GROSS TONS	NO. OF VESSELS	REG. NET TONS	GROSS TONS	NO. OF VESSELS	REG. NET TONS	GROSS TONS
UPBOUND.												
CANADA	1,139	9,552,739	12,251,626	925	5,360,832	6,861,025	34	24,202	25,177	2,098	14,937,773	19,137,828
UNITED STATES ..	33	157,939	244,920	80	180,035	262,718	120	167,583	169,575	233	505,557	677,213
UNITED KINGDOM ..	28	76,421	142,758	117	523,738	975,115				145	600,159	1,117,873
OTHER BRITISH COMMONWEALTH ..	105	532,029	768,398	35	161,385	284,458				140	693,414	1,052,856
BELGIUM				12	141,195	188,281				12	141,195	188,281
DENMARK				32	234,872	406,820				32	234,872	406,820
FINLAND				3	6,033	11,921				3	6,033	11,921
FRANCE	1	9,827	16,516	43	270,606	435,647				44	280,433	452,163
GERMANY	2	9,573	15,969	186	429,153	761,032				188	438,726	777,001
GREECE	3	14,423	23,486	62	344,708	564,783				65	359,131	588,269
ITALY				25	124,944	226,240				25	124,944	226,240
NETHERLANDS				27	75,653	139,442				27	75,653	139,442
NORWAY	1	4,364	10,498	202	1,065,262	1,878,481				203	1,069,626	1,888,979
SWEDEN				27	112,588	192,208				27	112,588	192,208
SPAIN	1	863	1,568	12	87,589	133,011				13	88,452	134,579
YUGOSLAVIA				31	126,426	220,122				31	126,426	220,122
OTHER EUROPEAN ..				11	60,259	101,335				11	60,259	101,335
PANAMA				10	43,843	76,661				10	43,843	76,661
SOUTH AMERICAN ..	1	5,067	6,930	2	12,952	18,698				3	18,019	25,628
MIDDLE EAST				24	141,808	239,590				24	141,808	239,590
JAPAN				22	110,569	186,740				22	110,569	186,740
LIBERIA				78	515,322	811,929				78	515,322	811,929
OTHER AFRICAN ..				1	5,680	9,237				1	5,680	9,237
TOTAL	1,314	10,363,245	13,482,669	1,967	10,135,452	14,985,494	154	191,785	194,752	3,435	20,690,482	28,662,915
DOWNBOUND.												
CANADA	1,138	9,533,596	12,243,557	928	5,373,348	6,886,083	35	34,672	35,784	2,101	14,941,616	19,165,424
UNITED STATES ..	34	158,869	249,553	92	176,722	281,518	138	222,016	227,919	264	557,607	758,990
UNITED KINGDOM ..	29	75,864	139,844	115	515,094	961,840	1	4,742	4,742	145	595,700	1,106,426
OTHER BRITISH COMMONWEALTH ..	106	543,465	787,956	37	162,917	287,737				143	706,382	1,075,693
BELGIUM				11	126,473	179,201				11	126,473	179,201
DENMARK				31	228,651	397,588				31	228,651	397,588
FINLAND				3	6,033	11,921				3	6,033	11,921
FRANCE				44	272,047	441,634				44	272,047	441,634
GERMANY	1	2,889	4,959	182	436,426	772,470	1	1	173	184	439,316	777,602
GREECE	3	13,396	22,838	65	358,896	580,977				68	369,292	603,815
ITALY				25	128,152	231,947				25	128,152	231,947
NETHERLANDS				27	76,294	139,442				27	76,294	139,442
NORWAY				205	1,091,463	1,926,003				207	1,101,213	1,943,987
SWEDEN				25	99,362	167,529				25	99,362	167,529
SPAIN	1	863	1,568	13	87,500	134,614				14	88,363	136,182
YUGOSLAVIA				32	126,381	223,539				32	126,381	223,539
OTHER EUROPEAN ..				12	61,131	104,682				12	61,131	104,682
PANAMA	1	6,417	10,016	9	39,931	70,464				10	46,348	80,480
CENTRAL AMERICAN & CARIBBEAN ..							1	2,903	2,903	1	2,903	2,903

TABLE 5. NUMBER AND TONNAGE OF VESSELS THROUGH THE WELAND CANAL BY REGISTRY OF VESSEL AND BY RIG.

COUNTRY OF REGISTRY	STEAM			MOTOR			OTHER			TOTAL		
	NO. OF VESSELS	REG. NET TONS	GROSS TONS	NO. OF VESSELS	REG. NET TONS	GROSS TONS	NO. OF VESSELS	REG. NET TONS	GROSS TONS	NO. OF VESSELS	REG. NET TONS	GROSS TONS
SOUTH AMERICAN ..				3	14,917	25,628				3	14,917	25,628
MIDDLE EAST				24	141,107	239,590				24	141,107	239,590
JAPAN				22	111,042	187,420				22	111,042	187,420
LIBERIA	1	10,542	16,158	80	522,075	825,287				81	532,617	841,445
OTHER AFRICAN ..				1	5,680	9,237				1	5,680	9,237
TOTAL	1,316	10,355,651	13,494,433	1,986	10,158,642	15,086,351	176	264,334	271,521	3,478	20,778,627	28,852,305
GRAND TOTALS ..	2,630	20,718,896	26,977,102	3,953	20,294,094	30,071,845	330	456,119	466,273	6,913	41,469,109	57,515,220

TABLE 6. NUMBER AND TONNAGE OF VESSELS THROUGH THE WELAND CANAL BY KIND AND LENGTH.

KIND AND LENGTH OF VESSEL	UPBOUND			DOWNBOUND			TOTAL		
	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS
CARGO VESSEL.									
UNDER 80 FEET									
80 TO 119 FEET				1	1	238	1	1	238
120 TO 159 FEET	32	7,628	13,407	32	7,628	13,324	64	15,256	26,733
160 TO 199 FEET	33	9,812	18,473	32	12,209	21,454	65	22,021	39,931
200 TO 239 FEET	11	5,675	12,044	10	5,150	10,814	21	10,825	22,862
240 TO 279 FEET	130	189,403	276,120	134	196,675	286,553	264	386,078	562,673
280 TO 319 FEET	78	130,696	215,328	82	137,625	225,634	160	268,321	440,966
320 TO 359 FEET	151	330,579	511,709	153	328,760	511,754	304	659,339	1,023,463
360 TO 399 FEET	147	307,551	525,885	149	311,527	530,948	296	619,078	1,056,832
400 TO 439 FEET	141	389,414	644,429	139	384,708	652,715	280	774,122	1,317,144
440 TO 479 FEET	314	1,266,781	2,029,490	316	1,257,470	2,027,246	630	2,524,251	4,057,136
480 TO 519 FEET	254	1,253,369	2,178,840	261	1,293,951	2,245,720	515	2,547,320	4,424,560
520 TO 559 FEET	246	1,473,511	2,176,776	244	1,467,936	2,170,204	490	2,941,447	4,346,980
560 TO 599 FEET	193	1,324,328	2,016,415	191	1,310,167	1,994,588	384	2,634,495	4,011,003
600 TO 639 FEET	163	1,293,210	1,783,583	163	1,278,111	1,782,674	326	2,571,321	3,566,257
640 TO 679 FEET	109	1,032,390	1,425,429	110	1,037,923	1,435,736	219	2,070,313	2,861,165
680 TO 759 FEET	790	10,609,531	13,232,306	788	10,579,209	13,206,929	1,578	21,188,740	26,439,235
TOTALS	2,792	19,623,878	27,080,634	2,805	19,609,050	27,116,545	5,597	39,232,928	54,197,179
BARGE OR SCOW.									
UNDER 80 FEET	3	3	204	3	3	204	6	6	408
TOTALS	3	3	204	3	3	204	6	6	408
TANKER.									
UNDER 80 FEET				1	5,836	9,882	1	5,836	9,882
200 TO 239 FEET	1	2,442	3,367	2	4,884	6,734	3	7,326	10,101
240 TO 279 FEET	115	139,623	232,498	119	145,934	242,481	234	285,557	474,979
280 TO 319 FEET	43	59,564	85,278	43	59,560	85,282	86	119,124	170,560
320 TO 359 FEET	73	158,837	230,636	72	155,637	227,449	145	314,474	458,085
360 TO 399 FEET	45	128,706	194,863	46	131,805	200,311	91	260,011	395,174
400 TO 439 FEET	31	107,683	159,698	32	109,889	164,113	63	217,572	323,811
440 TO 479 FEET	7	23,337	40,753	7	23,337	40,753	14	46,674	81,506
480 TO 519 FEET	12	60,457	105,896	15	72,803	128,663	27	133,260	234,559
520 TO 559 FEET	18	121,555	197,865	18	121,311	197,648	36	242,866	395,513
560 TO 599 FEET	1	7,556	13,089	2	15,382	27,058	3	22,938	40,147
600 TO 639 FEET	5	56,480	78,440	5	56,480	78,440	10	112,960	156,880
TOTALS	351	865,740	1,342,383	362	902,858	1,408,814	713	1,768,598	2,751,197
TUG OR DREDGE.									
UNDER 80 FEET	35	123	2,774	32	32	2,297	67	155	5,071
80 TO 119 FEET	33	33	7,318	18	18	3,764	51	51	11,082
120 TO 159 FEET	7	7	2,604	4	430	1,371	11	437	3,975
200 TO 239 FEET				1	1	1,196	1	1	1,196
TOTALS	75	163	12,696	55	481	8,628	130	644	21,324
TUG AND SCOW.									
UNDER 80 FEET	5	279	433	6	649	940	11	928	1,373
80 TO 119 FEET	17	5,239	6,052	17	4,231	5,023	34	9,470	11,075
120 TO 159 FEET	8	5,395	5,395	10	7,931	7,931	18	13,326	13,326
160 TO 199 FEET	3	4,039	4,039	6	8,433	8,433	9	12,472	12,472
200 TO 239 FEET	100	135,283	135,283	107	146,454	146,454	207	281,737	281,737
240 TO 279 FEET	7	9,804	9,804	6	8,743	8,743	13	18,547	18,547
280 TO 319 FEET	9	20,917	22,716	8	20,916	20,916	17	41,833	43,632
320 TO 359 FEET				1	2,903	2,903	1	2,903	2,903
360 TO 399 FEET				1	4,453	4,453	1	4,453	4,453
400 TO 439 FEET	2	10,826	10,826	6	31,290	31,290	8	42,116	42,116
480 TO 519 FEET				1	6,336	6,336	1	6,336	6,336
520 TO 559 FEET				4	21,992	27,895	4	21,992	27,895
TOTALS	151	191,782	194,548	173	264,331	271,317	324	456,113	465,865

TABLE 6. NUMBER AND TONNAGE OF VESSELS THROUGH THE WELLDAND CANAL BY KIND AND LENGTH.

KIND AND LENGTH OF VESSEL	UPBOUND			DOWNBOUND			TOTAL		
	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS
OTHER VESSELS.									
UNDER 80 FEET	24	35	793	26	59	978	50	94	1,771
80 TO 119 FEET	7	7	1,042	12	12	1,868	19	19	2,911
120 TO 159 FEET	17	232	7,110	17	17	7,116	34	249	14,226
160 TO 199 FEET	5	664	3,920	12	12	7,170	17	676	11,090
200 TO 239 FEET	7	985	8,552	8	8	9,532	15	993	18,084
240 TO 279 FEET	1	5,200	5,200	2	2	7,050	3	5,202	12,250
280 TO 319 FEET	2	1,793	5,832	2	1,793	5,831	4	3,586	11,663
320 TO 479 FEET				1	1	7,252	1	1	7,252
TOTALS	63	8,916	32,450	80	1,904	46,797	143	10,820	79,247
GRAND TOTALS	3,435	20,690,482	28,662,915	3,478	20,778,627	28,852,305	6,913	41,469,109	57,515,220

TABLE 7. NUMBER AND TONNAGE OF VESSELS THROUGH THE WELLDAND CANAL BY KIND AND DRAFT.

KIND AND DRAFT OF VESSEL	UPBOUND			DOWNBOUND			TOTAL		
	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS
CARGO VESSEL.									
6 TO 7 FEET	2	767	1,584	5	1,209	2,116	7	1,976	3,700
8 TO 9 FEET	8	3,399	4,912	5	1,253	1,982	13	4,652	6,894
10 TO 11 FEET	30	24,584	36,570	16	6,650	11,556	46	31,234	48,126
12 TO 13 FEET	43	43,248	69,234	30	10,889	21,567	73	54,137	90,801
14 TO 15 FEET	51	133,963	210,989	36	56,792	94,287	87	190,755	305,276
16 TO 17 FEET	107	190,632	288,409	96	120,564	185,153	203	311,196	473,562
18 TO 19 FEET	186	545,897	780,309	189	434,690	638,778	375	980,587	1,419,087
20 TO 21 FEET	426	1,674,810	2,380,155	386	1,553,586	2,112,515	812	3,228,396	4,492,670
22 TO 23 FEET	237	1,089,326	1,588,136	261	1,189,685	1,718,486	498	2,279,011	3,306,622
24 TO 25 FEET	416	2,641,129	3,754,795	437	2,660,486	3,798,746	853	5,301,615	7,553,541
26 TO 27 FEET	1,236	12,760,798	17,225,627	1,302	13,101,193	17,895,201	2,538	25,861,991	35,120,828
28 TO 29 FEET	33	369,869	495,247	34	412,772	535,487	67	782,641	1,030,734
30 FEET AND OVER	17	145,456	244,667	8	59,281	100,671	25	204,737	345,338
TOTALS	2,792	19,623,878	27,080,634	2,805	19,609,050	27,116,545	5,597	39,232,928	54,197,179
BARGE OR SCOW.									
5 FEET AND UNDER	3	3	204	3	3	204	6	6	408
TOTALS	3	3	204	3	3	204	6	6	408
TANKER.									
14 TO 15 FEET	57	69,532	104,100	59	74,351	111,788	116	143,883	215,888
16 TO 17 FEET	86	150,738	235,543	91	156,953	246,734	177	307,691	482,277
18 TO 19 FEET	66	91,255	153,358	63	84,113	141,623	129	175,368	294,981
20 TO 21 FEET	28	76,382	114,823	26	77,259	117,594	54	153,341	232,417
22 TO 23 FEET	64	200,152	297,992	69	209,779	313,790	133	409,931	611,782
24 TO 25 FEET	17	55,358	81,946	19	64,743	96,625	36	120,101	178,571
26 TO 27 FEET	30	210,711	334,076	27	184,069	296,844	57	394,780	630,920
28 TO 29 FEET	3	11,912	20,545	6	28,999	52,440	9	40,911	72,985
30 FEET AND OVER				2	22,592	31,376	2	22,592	31,376
TOTALS	351	865,740	1,342,383	362	902,858	1,408,814	713	1,768,598	2,751,197
TUG OR DREDGE.									
5 FEET AND UNDER	1	1	15	5	5	82	6	6	97
6 TO 7 FEET	20	46	3,641	14	14	1,822	34	60	5,463
8 TO 9 FEET	9	9	830	10	10	892	19	19	1,722
10 TO 11 FEET	18	80	2,359	13	13	1,838	31	93	4,197
12 TO 13 FEET	14	14	3,370	4	217	2,213	18	231	5,583
14 TO 15 FEET	7	7	1,822	5	218	1,521	12	225	3,343
16 TO 17 FEET	4	4	487	4	4	260	8	8	747
18 TO 19 FEET	1	1	71				1	1	71
22 TO 23 FEET	1	1	101				1	1	101
TOTALS	75	163	12,696	55	481	8,628	130	644	21,324
TUG AND BARGE.									
5 FEET AND UNDER	6	2,927	2,927	10	9,078	9,078	16	12,005	12,005
6 TO 7 FEET	5	1,967	1,967	9	6,340	6,512	14	8,307	8,479
8 TO 9 FEET	13	4,526	5,300	12	2,739	3,359	25	7,265	8,659
10 TO 11 FEET	22	33,528	33,528	37	54,318	54,318	59	87,846	87,846
12 TO 13 FEET	92	136,231	136,231	84	134,232	134,232	176	270,463	270,463
14 TO 15 FEET	7	8,375	8,568	9	14,294	14,294	16	22,669	22,862
16 TO 17 FEET	5	3,550	5,349	5	6,983	7,274	10	10,533	12,623
18 TO 19 FEET	1	678	678	4	21,992	21,895	5	22,670	28,573
20 TO 21 FEET				1	4,742	4,742	1	4,742	4,742
28 TO 29 FEET				2	9,613	9,613	2	9,613	9,613
TOTALS	151	191,782	194,548	173	264,331	271,317	324	456,113	465,865

TABLE 7. NUMBER AND TONNAGE OF VESSELS THROUGH THE WELLAND CANAL BY KIND AND DRAFT.

KIND AND DRAFT OF VESSEL	UPBOUND			DOWNBOUND			TOTAL		
	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS
OTHER VESSELS.									
5 FEET AND UNDER	21	32	757	25	55	1,093	46	87	1,850
6 TO 7 FEET	9	9	1,175	5	5	834	14	14	2,009
8 TO 9 FEET	8	8	3,353	7	10	2,839	15	18	6,192
10 TO 11 FEET	1	1	239	5	5	2,059	6	6	2,298
12 TO 13 FEET	7	461	4,910	8	8	4,629	15	469	9,539
14 TO 15 FEET	7	2,672	6,040	5	5	5,568	12	2,677	11,608
16 TO 17 FEET	3	3	3,420	2	2	3,134	5	5	6,554
18 TO 19 FEET	3	527	3,678	4	1,795	6,709	7	2,322	10,387
20 TO 21 FEET	3	3	3,678	11	11	5,913	14	14	9,591
22 TO 23 FEET				4	4	7,984	4	4	7,984
24 TO 25 FEET	1	5,200	5,200	3	3	5,688	4	5,203	10,888
26 TO 27 FEET				1	1	347	1	1	347
TOTALS	63	8,916	32,450	80	1,904	46,797	143	10,820	79,247
GRAND TOTALS	3,435	20,690,482	28,662,915	3,478	20,778,627	28,852,305	6,913	41,469,109	57,515,220

TABLE 8A. CARGO TONNAGE UPBOUND THROUGH THE WELLAND CANAL BY ORIGIN AND DESTINATION.

PORTS OF LOADING	DESTINATION								
	CANADA			UNITED STATES			TOTAL		
	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL
PORTS ON LAKE ONTARIO AND THE WELLAND CANAL.									
CANADA	758,386		758,386	1,857,646	108,469	1,966,115	2,616,032	108,469	2,724,501
TOTAL	758,386		758,386	1,857,646	108,469	1,966,115	2,616,032	108,469	2,724,501
PORTS ON THE ST. LAWRENCE RIVER									
CANADA	903,539	7,147	910,686	10,193,656	82,243	10,275,899	11,097,195	89,390	11,186,585
TOTAL	903,539	7,147	910,686	10,193,656	82,243	10,275,899	11,097,195	89,390	11,186,585
PORTS OTHER THAN LAKE ONTARIO THE WELLAND AND THE ST. LAWRENCE									
CANADA ATLANTIC PORTS	6,952		6,952	41,839	93,170	135,009	48,791	93,170	141,961
U.S. ATLANTIC PORTS		560	560	156,172	2,364	158,536	156,172	2,924	159,096
U.S. HUDSON RIVER PORTS				132,411		132,411	132,411		132,411
UNITED KINGDOM		4,352	4,352	48,900	483,166	532,066	48,900	487,518	536,418
OTHER BRITISH COMMONWEALTH ..	121,040	480	121,520	71,966	121,212	193,178	193,006	121,692	314,698
BELGIUM	1,235	22,866	24,101	9,667	1,317,864	1,327,531	10,902	1,340,730	1,351,632
DENMARK				824	7,140	7,964	824	7,140	7,964
FINLAND				24,067	20,657	44,724	24,067	20,657	44,724
FRANCE		602	602	54,116	86,101	140,217	54,116	86,703	140,819
GERMANY		786	786	1,845	329,736	331,581	1,845	330,522	332,367
GREECE				3	1,685	1,688	3	1,685	1,688
ITALY	1,212	38,388	39,600	32,775	102,969	135,744	33,987	141,357	175,344
NETHERLANDS	10,090	99	10,189	163,467	371,753	535,220	173,557	371,852	545,409
NORWAY	1,535	5,485	7,020	12,213	13,599	25,812	13,748	19,084	32,832
POLAND					50,153	50,153		50,153	50,153
PORTUGAL		410	410	23	11,724	11,747	23	12,134	12,157
SWEDEN				4,197	17,303	21,500	4,197	17,303	21,500
SPAIN		4,188	4,188	72,475	24,309	96,784	72,475	28,497	100,972
YUGOSLAVIA		295	295		21,918	21,918		22,213	22,213
OTHER EUROPEAN COUNTRIES	5,591		5,591		17,202	17,202	5,591	17,202	22,793
CENTRAL AMERICAN & CARIBBEAN	12,455		12,455		6,586	6,586	12,455	6,586	19,041
SOUTH AMERICAN COUNTRIES	23,243		23,243	12,651	19,960	32,611	35,894	19,960	55,854
MIDDLE EAST COUNTRIES				5	1,403	1,408	5	1,403	1,408
JAPAN				11,491	1,162,989	1,174,480	11,491	1,162,989	1,174,480
ASIAN COUNTRIES					32,133	32,133		32,133	32,133
LIBERIA					1,354	1,354		1,354	1,354
OTHER AFRICAN COUNTRIES				7,955	11,073	19,028	7,955	11,073	19,028
TOTAL	183,353	78,511	261,864	859,062	4,329,523	5,188,585	1,042,415	4,408,034	5,450,449
GRAND TOTALS	1,845,278	85,658	1,930,936	12,910,364	4,520,235	17,430,599	14,755,642	4,605,893	19,361,535

TABLE 88. CARGO TONNAGE DOWNBOUND THROUGH THE WELLDAND CANAL BY DESTINATION AND ORIGIN.

PORTS OF UNLOADING	ORIGIN								
	CANADA			UNITED STATES			TOTAL		
	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL
PORTS ON LAKE ONTARIO AND THE WELLDAND CANAL									
CANADA	2,979,013		2,979,013	13,453,319	8,494	13,461,813	16,432,332	8,494	16,440,826
UNITED STATES				296,889		296,889	296,889		296,889
TOTAL	2,979,013		2,979,013	13,750,208	8,494	13,758,702	16,729,221	8,494	16,737,195
PORTS ON THE ST. LAWRENCE RIVER									
CANADA	4,667,421	2	4,667,423	4,729,180	2,250	4,731,430	9,396,601	2,252	9,398,853
UNITED STATES				44,670		44,670	44,670		44,670
TOTAL	4,667,421	2	4,667,423	4,773,850	2,250	4,776,100	9,441,271	2,252	9,443,523
PORTS OTHER THAN LAKE ONTARIO THE WELLDAND AND THE ST. LAWRENCE									
CANADA ATLANTIC PORTS	245,680		245,680	5,045		5,045	250,725		250,725
U.S. ATLANTIC PORTS		3,617	3,617	50,461	815	51,276	50,461	4,432	54,893
U.S. HUDSON RIVER PORTS				181,440		181,440	181,440		181,440
UNITED KINGDOM	215,699	25,811	241,510	854,674	146,286	1,000,960	1,070,373	172,097	1,242,470
OTHER BRITISH COMMONWEALTH ..	5,704	14,170	19,874	56,633	124,097	180,730	62,337	138,267	200,604
BELGIUM	33,532	1,977	35,509	333,792	184,156	517,948	367,324	186,133	553,457
DENMARK				37,151	3,747	40,898	37,151	3,747	40,898
FINLAND				18	1,225	1,243	18	1,225	1,243
FRANCE	1,108		1,108	67,168	74,453	141,621	68,276	74,453	142,729
GERMANY	48,991	6,352	55,343	392,202	72,098	464,300	441,193	78,450	519,643
GREECE				12,156	6,250	18,406	12,156	6,250	18,406
ITALY	9,094	62	9,156	204,783	147,595	352,378	213,877	147,657	361,534
NETHERLANDS	80,137	6,062	86,199	1,585,284	91,046	1,676,330	1,665,421	97,108	1,762,529
NORWAY				88,096	3,659	91,755	88,096	3,659	91,755
POLAND				41,601	4,384	45,985	41,601	4,384	45,985
PORTUGAL				5,431	19,358	24,789	5,431	19,358	24,789
SWEDEN				53,480	28,711	82,191	53,480	28,711	82,191
SPAIN	27,110		27,110	572,784	256,564	829,348	599,894	256,564	856,458
YUGOSLAVIA		1,630	1,630	1,273	7,585	8,858	1,273	9,215	10,488
OTHER EUROPEAN COUNTRIES	2,700	6,137	8,837	43,653	127,831	171,484	46,353	133,968	180,321
PANAMA				734	364	1,098	734	364	1,098
CENTRAL AMERICAN & CARIBBEAN	1,885		1,885	10,781	11,884	22,665	12,666	11,884	24,550
SOUTH AMERICAN COUNTRIES	4,319	1,383	5,702	135,605	63,083	202,688	143,924	64,466	208,390
MIDDLE EAST COUNTRIES	7,930	2,041	9,971	73,757	30,792	104,549	81,687	32,833	114,520
JAPAN	115,660	2,546	118,206	531,503	22,350	553,853	647,183	24,896	672,079
ASIAN COUNTRIES		73	73	125,041	33,565	158,606	125,041	33,638	158,679
LIBERIA	1,650	8	1,658	207	145	352	1,857	153	2,010
OTHER AFRICAN COUNTRIES	15,904	63	15,967	176,639	34,057	210,696	192,543	34,120	226,663
TOTAL	817,103	71,932	889,035	5,645,392	1,496,100	7,141,492	6,462,495	1,568,032	8,030,527
GRAND TOTALS	8,463,537	71,934	8,535,471	24,169,450	1,506,844	25,676,294	32,632,987	1,578,778	34,211,765

TABLE 9A. CARGO TONNAGE UPBOUND THROUGH THE WELLDAND CANAL BY ORIGIN AND REGISTRY OF VESSEL.

ORIGIN	COUNTRY OF REGISTRY	CARGO TONNAGE		
		BULK	GENERAL	TOTAL
PORTS ON LAKE ONTARIO AND THE WELLDAND	CANADA	1,731,930	108,469	1,840,399
	UNITED STATES	20,674		20,674
	OTHER BRITISH COMMONWEALTH ..	863,428		863,428
	TOTAL	2,616,032	108,469	2,724,501
PORTS ON THE ST. LAWRENCE RIVER	CANADA	10,885,939	89,234	10,975,173
	UNITED STATES	77,990		77,990
	OTHER BRITISH COMMONWEALTH ..	87,790		87,790
	GERMANY		138	138
	GREECE			
	NORWAY	14,992		14,992
	YUGOSLAVIA		1	1
	JAPAN		17	17
	LIBERIA	30,484		30,484
	TOTAL	11,097,195	89,390	11,186,585
PORTS OTHER THAN ON LAKE ONTARIO THE WELLDAND CANAL & THE ST. LAWRENCE RIVER	CANADA	56,319	30,237	86,556
	UNITED STATES	271,933	9,692	281,625
	UNITED KINGDOM	132,055	656,980	789,035
	OTHER BRITISH COMMONWEALTH ..	516	128,302	128,818
	BELGIUM		198,435	198,435
	DENMARK	19,043	226,786	245,829
	FINLAND	5	3,253	3,258
	FRANCE	11,383	400,737	412,120

TABLE 9A. CARGO TONNAGE UPBOUND THROUGH THE WELLAND CANAL BY ORIGIN AND REGISTRY OF VESSEL.

ORIGIN	COUNTRY OF REGISTRY	CARGO TONNAGE		
		BULK	GENERAL	TOTAL
PORTS OTHER THAN ON LAKE ONTARIO THE WELLAND CANAL & THE ST. LAWRENCE RIVER.....	GERMANY	52,499	333,733	386,232
	GREECE	62,737	377,049	439,786
	ITALY	11,925	188,128	200,053
	NETHERLANDS	12,323	49,794	62,117
	NORWAY	313,719	647,213	960,932
	SWEDEN	30,197	120,970	151,167
	SPAIN	6,048	14,333	20,381
	YUGOSLAVIA	12,930	136,949	149,879
	OTHER EUROPEAN COUNTRIES	20	14,785	14,805
	PANAMA	6,971	59,017	65,988
	SOUTH AMERICAN COUNTRIES	1,064	504	1,568
	MIDDLE EAST COUNTRIES	154	192,350	192,504
	JAPAN		77,669	77,669
	LIBERIA	40,574	540,159	580,733
	OTHER AFRICAN COUNTRIES		959	959
	TOTAL	1,042,415	4,408,034	5,450,449
	GRAND TOTALS	14,755,642	4,605,893	19,361,535

TABLE 9B. CARGO TONNAGE DOWNBOUND THROUGH THE WELLAND CANAL BY DESTINATION AND REGISTRY OF VESSEL.

DESTINATION	COUNTRY OF REGISTRY	CARGO TONNAGE		
		BULK	GENERAL	TOTAL
PORTS ON LAKE ONTARIO AND THE WELLAND.....	CANADA	15,860,515	1,094	15,861,609
	UNITED STATES	314,873	7,400	322,273
	OTHER BRITISH COMMONWEALTH	551,289		551,289
	NORWAY	1,660		1,660
	TOTAL	16,728,337	8,494	16,736,831
PORTS ON THE ST. LAWRENCE RIVER.....	CANADA	9,341,730	1,250	9,342,980
	UNITED STATES	44,670	1,000	45,670
	UNITED KINGDOM	12,396		12,396
	OTHER BRITISH COMMONWEALTH	33,548		33,548
	GERMANY			
	NORWAY		2	2
	YUGOSLAVIA			
	LIBERIA	8,927		8,927
TOTAL	9,441,271	2,252	9,443,523	
PORTS OTHER THAN ON LAKE ONTARIO THE WELLAND CANAL & THE ST. LAWRENCE RIVER.....	CANADA	262,461	5,119	267,580
	UNITED STATES	268,674	38,940	307,614
	UNITED KINGDOM	688,212	216,701	904,913
	OTHER BRITISH COMMONWEALTH	193,992	83,404	277,396
	BELGIUM	194,333	995	195,328
	DENMARK	319,702	55,244	374,946
	FINLAND	255	1,782	2,037
	FRANCE	486,171	13,077	499,248
	GERMANY	465,265	238,039	703,304
	GREECE	491,811	57,053	548,864
	ITALY	172,889	14,539	187,428
	NETHERLANDS	47,980	41,561	89,541
	NORWAY	1,373,467	470,595	1,844,062
	SWEDEN	79,592	69,556	149,148
	SPAIN	165,153	3,557	168,710
	YUGOSLAVIA	200,137	23,242	223,379
	OTHER EUROPEAN COUNTRIES	46,925	14,664	61,589
	PANAMA	96,062	14,261	110,323
	SOUTH AMERICAN COUNTRIES	1,010	747	1,757
	MIDDLE EAST COUNTRIES	201,039	19,350	220,389
	JAPAN	55,575	26,526	82,101
	LIBERIA	648,815	157,917	806,732
	OTHER AFRICAN COUNTRIES	3,859	1,163	5,022
	TOTAL	6,463,379	1,568,032	8,031,411
	GRAND TOTALS	32,632,987	1,578,778	34,211,765

TABLE 10. NUMBER OF VESSELS AND CARGO TONNAGE THROUGH THE WELAND CANAL BY KIND AND GROSS TONNAGE.

KIND AND GROSS TONNAGE OF VESSEL	UPBOUND							DOWNBOUND						
	NUMBER OF VESSELS			CARGO TONNAGE			AVERAGE	NUMBER OF VESSELS			CARGO TONNAGE			AVERAGE
	BAL.	CARGO	TOTAL	BULK	GENERAL	TOTAL		BAL.	CARGO	TOTAL	BULK	GENERAL	TOTAL	
CARGO.							...							...
UNDER 1,000	21	47	68	26,942	611	27,553	586.2	35	32	67	17,932	2,186	20,118	628.7
1,000 TO 1,999	13	33	46	32,225	11,249	43,474	1,317.4	9	36	45	31,411	33,349	64,760	1,798.9
2,000 TO 2,999	97	125	222	71,500	169,120	240,620	1,925.0	4	229	233	529,486	109,455	638,941	2,790.1
3,000 TO 3,999	50	166	216	279,224	331,904	611,128	3,681.5	43	176	219	722,841	74,654	797,495	4,531.2
4,000 TO 4,999	64	136	200	215,529	189,470	404,999	2,977.9	8	194	202	693,911	146,902	840,813	4,334.1
5,000 TO 5,999	21	138	159	179,009	124,951	303,960	2,202.6	9	153	162	417,284	71,134	488,418	3,192.3
6,000 TO 6,999	69	186	255	1,099,701	183,618	1,283,319	6,899.6	16	236	252	1,760,565	113,086	1,873,651	7,939.2
7,000 TO 7,999	41	121	162	1,099,961	107,324	1,207,285	9,977.6	47	111	158	951,147	56,658	1,007,805	9,079.3
8,000 TO 8,999	23	49	72	70,529	198,274	268,803	5,485.8	2	68	70	549,668	94,031	643,699	9,466.2
9,000 TO 9,999	49	116	165	724,545	398,887	1,123,432	9,684.8	2	166	168	1,613,530	108,852	1,722,382	10,375.8
10,000 TO 10,999	33	99	132	381,563	791,006	1,172,569	11,844.1	10	126	136	1,334,656	342,949	1,677,605	13,314.3
11,000 TO 11,999	24	53	77	479,919	324,279	804,198	15,173.5	2	75	77	1,054,702	52,220	1,106,922	14,759.0
12,000 TO 12,999	20	40	60	601,727	85,970	687,697	17,192.4	13	46	59	718,420	54,351	772,771	16,799.4
13,000 TO 13,999	34	62	96	556,657	233,162	789,819	12,739.0	8	87	95	1,425,039	73,066	1,498,105	17,219.6
14,000 TO 14,999	11	13	24	105,863	103,638	209,501	16,115.5	1	23	24	388,068	62,586	450,654	19,593.7
15,000 TO 15,999	82	183	265	3,817,368	426,958	4,244,326	23,193.0	47	216	263	5,190,588	31,170	5,221,758	24,174.8
16,000 TO 16,999	150	131	281	3,136,773	206,952	3,343,725	25,524.6	28	257	285	6,621,243		6,621,243	25,763.6
17,000 AND OVER	236	56	292	357,697	718,520	1,076,217	19,218.2	1	289	290	7,416,393	140,750	7,557,143	26,149.3
TOTAL	1,038	1,754	2,792	13,236,732	4,605,893	17,842,625	...	285	2,320	2,605	31,436,884	1,567,399	33,004,283	...
BARGE OR SCOW.														
UNDER 1,000	3		3							3		3		
TOTAL	3		3							3		3		
TANKER.														
1,000 TO 1,999	47	56	103	174,316		174,316	3,112.8	44	59	103	167,549		167,549	2,839.8
2,000 TO 2,999	28	63	91	243,966		243,966	3,872.5	35	61	96	235,124		235,124	3,854.5
3,000 TO 3,999	7	38	45	207,527		207,527	5,461.2	27	15	42	72,433		72,433	4,828.9
4,000 TO 4,999	12	39	51	263,374		263,374	6,753.2	31	23	54	134,487		134,487	5,847.3
5,000 TO 5,999	8	17	25	118,445		118,445	6,967.4	4	22	26	151,863		151,863	6,902.9
6,000 TO 6,999	4	7	11	31,475		31,475	4,496.4	4	16	20	99,649	9,564	109,213	6,825.8
7,000 TO 7,999	1		1					1	1	2	11,775		11,775	11,775.0
8,000 TO 8,999	2	12	14	141,348		141,348	11,779.0	10	3	13	29,298		29,298	9,766.0
9,000 TO 9,999		4	4	54,074		54,074	13,518.5	4		4				
10,000 TO 10,999		1	1	12,455		12,455	12,455.0	1	1	2	15,497		15,497	15,497.0
11,000 TO 11,999		5	5	73,806		73,806	14,761.2	5		5				
TOTAL	109	242	351	1,320,786		1,320,786	...	161	201	362	917,675	9,564	927,239	...
TUG AND SCOW.														
UNDER 1,000	30	1	31	700		700	700.0	31	1	32	250		250	250.0
1,000 TO 1,999	33	77	110	181,694		181,694	2,359.7	9	109	118	261,033	1,815	262,848	2,411.4
2,000 TO 2,999	3	5	8	15,730		15,730	3,146.0	6	5	11	17,145		17,145	3,429.0
3,000 TO 3,999														
4,000 TO 4,999	1		1											
5,000 TO 5,999	1		1											
6,000 TO 6,999														
7,000 TO 7,999														
TOTAL	68	83	151	198,124		198,124	...	58	115	173	278,428	1,815	280,243	...
OTHER.														
UNDER 1,000	128		128							122		122		
1,000 TO 1,999	7		7							9		9		
2,000 TO 2,999	1		1							1		1		
3,000 TO 3,999	1		1							1		1		
4,000 TO 4,999	1		1							1		1		
5,000 TO 5,999	1		1							1		1		
6,000 TO 6,999														
7,000 TO 7,999														
TOTAL	138		138				...	135		135				...
GRAND TOTALS	1,356	2,079	3,435	14,755,642	4,605,893	19,361,535	...	642	2,836	3,478	32,632,987	1,578,778	34,211,765	...

TABLE 11A. CARGO TONNAGE UPBOUND THROUGH THE WELLAND CANAL BY COMMODITY, ORIGIN AND DESTINATION.

NO.	COMMODITY	CANADA		UNITED STATES		UNITED KINGDOM	
		TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.
1	FOOD, FEED, BEVERAGES, TOBACCO						
2	MEAT, FRESH OR FROZEN	-	-	-	-	-	22
3	MEAT AND MEAT PREP. NES	-	-	-	-	-	-
4	FISH, FRESH OR FROZEN	-	-	-	-	-	20
5	FISH, SALTED OR CURED	-	-	-	-	-	15
6	FISH, CANNED	-	-	-	-	-	36
7	SHELL FISH, NES	-	-	-	-	-	-
8	CHEESE	-	-	-	-	-	-
9	DAIRY PROD. EGGS, HONEY	-	-	-	-	-	-
10	BARLEY	964	16,973	-	-	-	-
11	DATS	272	-	-	-	-	-
12	WHEAT	6,182	-	-	-	-	-
13	CORN MEAL AND FLOUR	-	-	-	-	-	-
14	MALT AND MALT FLOUR	-	-	-	-	-	15
15	CEREALS, MILLED, NES	-	-	-	-	-	-
16	BAKERY PROD. INCL. FROZEN	-	-	-	-	-	144
17	MACARONI, CEREAL PROD.	-	-	-	-	-	171
18	FROZEN FRUITS, BERRIES	-	-	-	-	-	173
19	DRIED FRUITS	-	-	-	-	-	-
20	FRUIT JUICES, CONC.	-	-	-	-	-	-
21	FRUITS, PRESERVED	-	-	-	-	-	12
22	FRUITS, PREPARATIONS	-	-	-	-	-	315
23	NUTS, EXC. OIL NUTS NES	-	-	-	-	-	-
24	VEGETABLES, FROZEN	-	-	-	-	-	-
25	VEGETABLES, DRIED	-	-	-	-	-	-
26	VEGETABLE PREP. NES	-	-	-	-	-	5
27	RAW SUGAR	-	-	-	26,416	-	-
28	SUGAR NES	-	-	-	18,809	-	-
29	MOLASSES, CRUDE	-	-	-	66,695	-	-
30	SYRUP	-	-	-	15,135	-	-
31	SUGAR PREPARATIONS	-	-	-	-	20	1,822
32	COCOA AND CHOCOLATE	-	-	-	-	-	713
33	COFFEE	-	-	-	-	-	-
34	SPICES	-	-	-	-	-	-
35	SAUSAGE CASINGS	-	-	-	-	-	53
36	MISC. FOOD PREP. NES	-	-	-	-	-	512
37	HAY, FORAGE, STRAW	-	-	-	-	-	-
38	GROUND CEREALS NES	-	-	-	-	-	-
39	SOYABEAN OIL MEAL, CAKE	-	-	-	-	-	40
40	FEEDS OF VEG. ORIGIN	-	-	-	-	-	-
41	FEEDS OF ANIMAL ORIGIN	-	-	-	-	-	-
42	CONC. COMPLETE FEEDS	-	-	-	-	-	34
43	NON-ALCOHOLIC BEVERAGE	-	-	-	-	-	41
44	ALE, BEER, STOUT, PORTER	-	-	-	-	95	737
45	WINES	-	-	-	-	208	839
46	FERM. ALCOHOLIC BEV.	-	-	-	-	8	2,379
47	DIST. ALCOHOLIC BEV.	-	-	-	-	811	31,550
48	TOBACCO NES	-	-	-	-	-	-
49	TOTAL	7,418	16,973	-	127,055	1,142	39,648
50	CRUDE MATERIALS, INEDIBLE.						
51	RAW HIDES AND SKINS	-	-	-	-	-	112
52	CRUDE ANIMAL PROD. NES	-	-	-	-	-	-
53	SEEDS FOR SOWING NES	-	-	-	-	-	-
54	FLAXSEED	-	-	-	-	-	18
55	OIL SEEDS, NUTS NES	-	-	-	-	-	-
56	NURSERY, GREENHSE. STOCK	-	-	-	-	-	-
57	RUBBER ALLIED GUMS NAT.	-	-	-	-	-	14
58	CRUDE VEG. PROD. NES	-	-	-	-	-	-
59	LDGS	-	560	-	-	-	-
60	PULPWOOD	108,204	35,633	-	-	-	-
61	CRUDE WOOD MTL. NES	-	-	-	-	-	-
62	WOOL AND ANIMAL HAIR	-	-	-	-	-	20
63	TEXTILE FIBRES NES	-	-	-	-	-	178
64	ALUMINA, BAUXITE ORES	-	8,910	-	-	-	-
65	IRON ORE AND CONC.	16,785	10,323,637	-	-	-	-
66	MANGANESE ORE	145,356	123,980	-	-	-	-
67	TITANIUM ORE	2,244	1,792	-	-	-	-
68	ZINC ORE AND CONC.	-	-	-	-	-	-
69	ORES AND CONC. NES	5,766	-	-	-	-	-
70	NON-FERROUS MET. SCRAP	-	611	-	-	-	19
71	SLAG, DROSS, BY-PRODUCTS	7,141	-	-	-	-	5
72	CRUDE PETROLEUM	-	-	-	15,529	-	-
73	NATURAL GAS	-	-	-	-	-	28
74	ASBESTOS	-	-	-	-	-	11
75	CHINA CLAY	-	-	-	-	-	40,607
76	DOLOMITE	-	1,167,653	-	-	-	-
77	CLAY MATERIALS NES	-	-	-	-	-	12
78	SAND AND GRAVEL	7,987	14,368	-	-	-	-
79	LIMESTONE	-	11,186	-	-	-	-
80	CRUSHED STONE	-	-	-	-	-	-
81	STONE, CRUDE, NES	13,619	19,037	-	-	-	-
82	FLUORSPAR	-	96,812	-	5,860	-	-
83	SALT	-	-	-	-	-	-
84	CRUDE NON-MET. MIN. NES	-	-	-	-	-	110
85	COTTON, TEXTILE WASTE	-	-	-	-	-	34
86	WASTE AND SCRAP NES	-	-	-	-	-	111
87	TOTAL	307,102	11,804,179	-	21,389	-	41,279

TABLE 11A. CARGO TONNAGE UPBOUND THROUGH THE WELAND CANAL BY COMMODITY, ORIGIN AND DESTINATION.

OTHER BRITISH COMMONWEALTH		OTHER EUROPE		OTHER COUNTRIES		TOTAL		GRAND TOTAL	NO.
TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.		
-	-	-	-	-	-	-	-	-	1
-	-	-	83	-	118	-	223	223	2
-	-	-	519	-	1,100	-	1,619	1,619	3
-	-	-	704	-	-	-	724	724	4
-	-	-	121	-	-	-	136	136	5
-	14	-	1,394	-	1,560	-	3,004	3,004	6
-	-	-	-	-	414	-	414	414	7
-	-	-	916	-	-	-	916	916	8
-	-	-	80	-	47	-	127	127	9
-	-	-	23,445	-	-	964	40,418	41,382	10
-	-	-	-	-	-	272	-	272	11
-	-	-	-	-	-	6,182	-	6,182	12
-	-	-	57	-	-	-	57	57	13
-	-	-	-	-	-	-	15	15	14
-	-	-	117	-	-	-	117	117	15
-	-	-	27	-	-	-	171	171	16
-	-	-	226	-	567	-	964	964	17
-	-	-	101	-	-	-	274	274	18
-	-	-	14	-	-	-	14	14	19
-	-	-	53	-	-	-	53	53	20
-	-	-	14,947	-	21	-	14,980	14,980	21
-	2,553	-	62	-	4,417	-	7,347	7,347	22
-	77	-	9	-	24	-	110	110	23
-	-	-	-	-	27	-	27	27	24
-	-	-	28	-	-	-	28	28	25
-	6	5,200	9,159	-	4,164	5,200	13,334	18,534	26
-	-	-	-	-	-	-	26,416	26,416	27
-	-	-	-	-	-	-	18,809	18,809	28
-	-	-	-	-	-	-	66,695	66,695	29
-	-	-	16	-	-	-	15,151	15,151	30
-	26	5	877	-	44	25	2,769	2,794	31
-	1,597	-	2,002	-	-	-	4,312	4,312	32
-	-	-	-	-	417	-	417	417	33
-	-	-	82	-	-	-	82	82	34
-	-	-	1,563	-	53	-	1,669	1,669	35
-	620	-	1,718	-	2,166	-	5,016	5,016	36
-	-	-	28	-	-	-	28	28	37
-	-	-	17	-	-	-	17	17	38
-	-	-	48	-	-	-	48	48	39
-	-	-	377	-	-	-	417	417	40
-	-	-	-	-	74	-	74	74	41
-	-	-	58	-	92	-	184	184	42
-	-	-	54	-	-	-	95	95	43
37	76	11	8,288	-	80	143	9,181	9,324	44
90	-	-	29,121	-	325	298	30,285	30,583	45
-	-	-	182	-	53	8	2,614	2,622	46
78	305	-	1,911	-	24	889	33,790	34,679	47
-	-	-	161	-	-	-	161	161	48
205	5,274	5,216	98,565	-	15,787	13,981	303,332	317,283	49
-	-	-	483	-	-	-	595	595	50
-	-	-	83	-	-	-	83	83	51
-	-	-	856	-	5	-	861	861	53
-	-	-	5	-	-	-	5	5	54
-	-	-	-	-	-	-	18	18	55
-	-	-	595	-	26	-	621	621	56
-	79,734	-	43	-	7,162	-	86,939	86,939	57
-	845	-	162	-	733	-	1,754	1,754	58
-	48	-	-	-	9	-	617	617	59
-	-	-	-	-	-	108,204	35,633	143,837	60
-	-	-	36	-	-	-	36	36	61
-	-	-	-	-	-	-	20	20	62
-	303	-	258	-	940	-	1,679	1,679	63
89,518	-	-	-	23,243	11,170	112,761	20,080	132,841	64
-	-	-	-	-	-	16,785	10,323,637	10,340,422	65
2,803	37,703	-	-	-	-	145,356	123,980	269,336	66
-	-	-	-	-	-	5,047	39,495	44,542	67
28,719	16,638	-	1,137	-	-	-	1,137	1,137	68
-	-	-	-	-	12	34,485	16,638	51,123	69
-	-	-	304	-	-	-	946	946	70
-	-	-	13	-	-	7,141	18	7,159	71
-	-	-	-	-	-	-	15,529	15,529	72
-	-	-	270	-	-	-	298	298	73
-	-	-	-	-	-	-	11	11	74
-	-	-	1	-	-	-	40,608	40,608	75
-	-	-	-	-	-	-	1,167,653	1,167,653	76
-	-	-	18	-	-	-	30	30	77
-	15,687	-	135	-	-	7,987	30,190	38,177	78
-	-	-	8	-	-	-	11,194	11,194	79
-	-	-	30	-	-	-	30	30	80
-	2,267	-	1,642	-	-	13,619	22,946	36,565	81
-	-	-	94,296	-	-	-	196,968	196,968	82
-	-	-	6	-	-	-	6	6	83
-	102	-	3,717	-	141	-	4,070	4,070	84
-	329	-	15	-	52	-	430	430	85
-	25	-	993	-	58	-	1,187	1,187	86
121,040	153,681	-	105,106	23,243	20,308	451,385	12,145,942	12,597,327	87

TABLE 11A. CARGO TONNAGE UPBOUND THROUGH THE WELLAND CANAL BY COMMODITY, ORIGIN AND DESTINATION.

NO.	COMMODITY	CANADA		UNITED STATES		UNITED KINGDOM	
		TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.
88	FABRICATED MATERIALS, INEDIBLE						
89	LEATHER	-	-	-	-	-	-
90	RUBBER FAB. MATERIALS	-	-	-	-	-	336
91	LUMBER AND TIMBER	-	-	-	-	-	-
92	SAWMILL PROD. NES	-	-	-	-	-	-
93	VENEER AND PLYWOOD	-	-	-	-	-	-
94	COOPERAGE STOCK ETC.	-	-	-	-	-	-
95	WOOD FABRICATED MTL.	-	-	-	-	-	6
96	PULP	416	3,434	-	-	-	-
97	NEWSPRINT PAPER	7,127	283,908	-	-	-	-
98	PAPER NES	-	1,762	-	-	-	192
99	PAPERBOARD	-	-	-	-	-	82
100	BLDG. PAPER AND BOARD	-	-	-	-	-	30
101	WET MACHINE BOARD	-	-	-	-	-	51
102	CORROGE, TWINE, ROPE	-	-	560	2,364	-	1,115
103	JUTE WOVEN FABRICS	-	-	-	-	-	-
104	TEXTILE FAB. MTL. NES	-	-	-	-	7	15
105	ANIMAL OILS, EXC. MARINE ...	-	-	-	-	-	-
106	FISH, MARINE ANIMAL OIL	-	-	-	-	-	40
107	SOYABEAN OIL	-	-	-	-	-	-
108	VEG. OILS, FATS, NES	-	-	-	-	-	-
109	OILS, FATS, WAXES, NES	-	-	-	9,046	-	15
110	METALLIC SALTS	-	-	-	-	-	1,697
111	INORGANIC CHEMICALS	-	-	-	-	-	455
112	ORGANIC CHEMICALS NES	1,894	-	-	10,060	24	2,051
113	FERT. & FERT. MAT. NES	-	38,784	-	-	-	-
114	AGRICULTURAL CHEMICALS	-	-	-	-	-	-
115	SYNTHETIC RUBBER	-	-	-	-	-	-
116	PLASTIC MATERIALS	-	-	-	-	-	330
117	DYESTUFF, PIGMENT, PAINTS ..	-	-	-	-	-	101
118	CHEM. SPECIALTIES NES	-	-	-	-	-	244
119	GASOLINE	185,949	-	-	-	-	-
120	FUEL OIL	647,773	42,857	-	60,192	-	-
121	LUBRICATING OIL, GREASE	118,620	-	-	20,150	-	18
122	COKE	-	19,085	-	-	-	-
123	COAL TAR, PITCH	2,989	5,372	-	27,919	-	-
124	PETROL, COAL PROD. NES	89,935	-	-	12,072	-	10
125	FERRO-ALLOYS	1,771	-	-	-	-	131
126	PIG IRON	-	132,689	-	-	-	-
127	PRIMARY IRON, STEEL NES	-	-	-	-	-	38,171
128	CASTINGS, FORGINGS	-	-	-	-	11	3,874
129	BAR AND RODS, STEEL	-	-	-	-	-	55,898
130	PLATE & SHEET STEEL	-	369	-	-	362	212,099
131	STRUCTURAL SHAPES	250	-	-	-	117	46,221
132	RAILS AND TRACK MTL.	-	-	-	-	-	-
133	PIPE, TUBE, IRON & STEEL ...	-	-	-	-	549	6,873
134	WIRE	-	-	-	-	25	11,123
135	ALUMINUM	-	-	-	-	-	494
136	COPPER AND ALLOYS	-	-	-	-	-	368
137	LEAD AND ALLOYS	-	-	-	-	-	555
138	NICKEL AND ALLOYS	-	-	-	-	-	-
139	ZINC AND ALLOYS	-	-	-	-	-	271
140	NON-FERROUS METAL NES	-	-	-	-	-	129
141	METAL FAB. BASIC PROD.	-	-	-	-	91	3,645
142	BRICKS, TILES, NES	-	-	-	-	-	1,442
143	GLASS BASIC PRODUCTS	-	-	-	-	39	10,570
144	ASBESTOS BASIC PROD.	-	-	-	-	31	157
145	CEMENT	56,692	22,750	-	-	-	6,971
146	CEMENT BASIC PROD.	-	-	-	-	-	126
147	NON-MET. MIN. BASIC PROD. ...	487	-	-	-	-	1,584
148	MISC. FABRICATED PROD.	-	17	-	-	61	1,062
149	TOTAL	1,113,903	551,027	560	141,803	1,317	408,500
150	END PRODUCTS, INEDIBLE.						
151	TRACTORS	-	-	-	-	942	10,296
152	MACHINERY NES	33	-	-	700	739	15,096
153	RAILWAY ROLLING STOCKS	-	-	-	-	-	11
154	PASS. AUTOS & CHASSIS	-	1	-	-	-	1,057
155	BUSES AND CHASSIS	-	-	-	-	-	-
156	TRUCKS AND CHASSIS	-	-	-	-	-	62
157	MILITARY MOTOR VEH. & TRA. ...	-	-	-	-	-	-
158	MOTOR VEHICLE ENGINES	-	-	-	-	-	2,672
159	ROAD MOTOR VEH. NES	-	-	-	-	-	41
160	SHIPS, AIRCRAFT, MIS. VEH. ...	-	-	-	-	-	1,702
161	RUBBER TIRES & TUBES	-	-	-	-	12	228
162	EQUIPMENT	-	-	-	-	-	699
163	TOTAL	33	1	-	700	1,693	31,864
164	MISCELLANEOUS FREIGHT N.E.S.						
165	PERSONAL, HOUSEHOLD GOODS ...	-	-	-	-	45	1,585
166	FIREARMS, AMMUNITION	-	-	-	-	-	49
167	CONTAINERS, CLOSURES	-	-	-	-	-	37
168	MISC. END PRODUCTS	20	4,738	-	-	155	9,104
169	TOTAL	20	4,738	-	-	200	10,775
170	DOMESTIC PACKAGE FREIGHT						
171	DOMESTIC PACKAGE FRT.	247,548	105	-	-	-	-
172	TOTAL	247,548	105	-	-	-	-
173	GRAND TOTALS	1,676,024	12,377,023	560	290,947	4,352	532,866

TABLE 11A. CARGO TONNAGE UPBOUND THROUGH THE WELAND CANAL BY COMMDITY, ORIGIN AND DESTINATION.

OTHER BRITISH COMMONWEALTH		OTHER EUROPE		OTHER COUNTRIES		TOTAL		GRAND TOTAL	NO.
TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.		
-	-	-	33	-	59	-	92	92	88
-	12	-	21	-	31	-	400	400	89
-	454	-	229	-	1,851	-	2,534	2,534	90
-	-	-	58	-	-	-	58	58	91
-	8,577	15	14,352	-	27,908	15	50,837	50,852	92
-	-	-	7	-	-	-	7	7	93
-	-	-	192	-	590	-	788	788	94
-	-	-	23,545	-	-	416	26,979	27,395	95
-	-	-	364	-	-	7,127	284,272	291,399	96
-	17	-	3,861	-	106	-	5,938	5,938	97
-	-	-	174	-	8,715	-	8,971	8,971	98
-	-	14	4,835	-	34	14	4,899	4,913	99
-	-	-	720	-	73	-	844	844	100
-	9,216	304	19,786	-	9,084	864	41,565	42,429	101
-	2,116	-	-	-	-	-	2,116	2,116	102
-	65	6	166	-	66	13	312	325	103
-	-	-	5	-	-	-	5	5	104
-	-	-	4,749	-	-	-	4,789	4,789	105
-	-	-	12	-	-	-	12	12	106
-	-	-	4,980	-	9,019	-	13,999	13,999	107
-	27	41	1,031	-	1,884	41	12,003	12,044	108
-	-	-	4,459	-	59	-	6,215	6,215	109
-	-	-	3,435	-	1,291	-	5,181	5,181	110
-	-	8,159	91,061	-	3,286	10,077	106,458	116,535	111
-	-	-	26	-	397	-	39,207	39,207	112
-	-	-	133	-	15	-	148	148	113
-	2,545	59	771	-	529	59	3,845	3,904	114
-	122	-	1,092	-	2,548	-	4,092	4,092	115
-	25	-	955	-	55	-	1,136	1,136	116
-	-	-	10,468	-	12	-	10,724	10,724	117
-	-	-	-	12,455	-	198,404	-	198,404	118
-	-	-	43,281	-	-	647,773	146,330	794,103	119
-	-	-	105	-	40	118,620	20,313	138,933	120
-	-	-	-	-	-	-	19,085	19,085	121
-	-	-	68	-	-	2,989	33,291	36,280	122
-	-	-	40,744	-	2,172	89,935	12,150	102,085	123
-	51	10,090	40,980	-	-	1,771	43,047	44,818	124
-	-	-	9,798	-	-	10,090	173,720	183,810	125
-	236	-	2,518	-	2,376	-	50,345	50,345	126
-	2,565	1,679	116,743	-	8,992	11	15,620	15,631	127
47	168	3,281	1,097,757	-	222,853	1,679	398,011	399,690	128
-	748	8,317	660,762	-	662,689	3,690	1,973,078	1,976,768	129
-	-	-	632	-	54,338	8,684	762,069	770,753	130
-	791	41,151	19,909	-	936	-	1,568	1,568	131
-	188	626	43,728	-	19,955	41,700	47,528	89,228	132
-	14	-	17,650	-	60,782	651	115,821	116,472	133
-	-	-	1,834	-	1,020	-	19,178	19,178	134
-	-	-	16	-	658	-	2,860	2,860	135
-	-	-	6,377	-	5,804	-	6,375	6,375	136
-	-	-	268	-	-	6,377	268	6,645	137
-	-	-	5,278	-	17,257	-	22,806	22,806	138
-	2,559	185	2,414	-	1,874	185	6,976	7,161	139
-	528	-	32,372	-	53,238	91	89,783	89,874	140
-	-	-	6,340	-	226	-	8,008	8,008	141
-	162	879	44,179	-	2,059	918	56,970	57,888	142
-	-	-	459	-	13	-	629	660	143
-	-	-	237	-	-	31	29,958	86,650	144
51	-	-	184	-	-	51	310	361	145
-	15	441	11,459	-	15,190	928	28,248	29,176	146
-	133	912	1,141	-	3,853	973	6,206	7,179	147
98	31,334	82,536	2,392,376	12,455	1,203,937	1,210,869	4,728,977	5,939,846	148
127	725	248	23,028	-	195	1,317	34,244	35,561	149
14	308	4,588	31,720	-	4,474	5,374	52,298	57,672	150
-	-	-	116	-	2,230	-	2,357	2,357	151
-	-	8	69,588	-	5	8	70,651	70,659	152
-	-	-	33	-	-	-	33	33	153
-	-	-	1,344	-	31	-	1,437	1,437	154
-	-	-	542	-	-	-	542	542	155
-	59	56	6,192	-	7,236	56	16,159	16,215	156
-	-	-	1,611	-	139	-	1,791	1,791	157
-	117	-	1,744	-	168	-	3,731	3,731	158
-	19	21	6,742	-	601	33	7,590	7,623	159
-	38	7	5,530	-	1,699	7	7,966	7,973	160
141	1,266	4,928	148,190	-	16,778	6,795	198,799	205,594	161
12	751	-	4,500	-	3,502	57	10,338	10,395	162
-	8	-	155	-	-	-	212	212	163
-	-	-	581	-	1,127	-	1,745	1,745	164
24	864	102	20,312	-	6,161	301	41,179	41,480	165
36	1,623	102	25,548	-	10,790	358	53,474	53,832	166
-	-	-	-	-	-	247,548	105	247,653	167
-	-	-	-	-	-	247,548	105	247,653	168
121,520	193,178	92,782	2,769,785	35,698	1,267,600	1,930,936	17,430,599	19,361,535	173

TABLE 11B. CARGO TONNAGE DOWNBOUND THROUGH THE WELAND CANAL BY COMMODITY, ORIGIN AND DESTINATION

NO.	COMMODITY	CANADA TO						TOTAL
		CANADA	U.S.A.	UNITED KINGDOM	OTHER BRITISH COMMONWEALTH	OTHER EUROPE	OTHER COUNTRIES	
1	FOOD, FEED, BEVERAGES, TOBACCO							
2	MEAT, FRESH OR FROZEN	-	-	-	-	-	-	-
3	MEAT AND MEAT PREP. NES	-	-	-	-	-	-	-
4	FISH, FRESH OR FROZEN	-	-	-	-	-	-	-
5	SHELL FISH, NES	-	-	-	-	-	-	-
6	BUTTER	-	-	-	-	-	-	-
7	CHEESE	-	-	-	-	-	-	-
8	MILK POWDER	-	-	-	-	-	-	-
9	DAIRY PROD. EGGS, HONEY	-	-	-	-	-	-	-
10	BARLEY	818,397	-	46,605	-	-	-	865,002
11	CDRN	62,313	-	8,820	-	-	-	71,133
12	OATS	254,854	-	321	286	7,193	2,851	265,505
13	RYE	28,267	-	3,406	-	3,304	-	34,977
14	WHEAT	3,922,691	-	15,769	-	50,279	3,147	3,991,886
15	CEREAL, UNMILLED, NES	-	-	-	-	-	-	-
16	CORN MEAL AND FLOUR	-	-	-	-	-	-	-
17	CORN STARCH	-	-	-	-	-	-	-
18	MALT AND MALT FLOUR	67,165	-	-	2,048	-	1,878	71,091
19	WHEAT FLOUR	-	-	70	2,945	-	3,442	5,457
20	CEREALS, MILLED, NES	-	-	-	75	-	-	75
21	BAKERY PROD. INCL. FROZEN	-	-	-	-	-	-	-
22	MACARONI, CEREAL PROD.	-	-	-	-	-	-	-
23	FRESH FRUITS, BERRIES	-	-	-	-	-	-	-
24	FROZEN FRUITS, BERRIES	-	-	-	-	-	-	-
25	DRIED FRUITS	-	-	-	-	-	-	-
26	FRUIT JUICES, CONC.	-	-	-	-	-	-	-
27	FRUITS, PRESERVED	-	-	-	-	-	-	-
28	FRUITS, PREPARATIONS	-	-	-	-	-	-	-
29	VEGETABLES, FRESH	-	-	-	-	-	-	-
30	VEGETABLES, FROZEN	-	-	1,109	-	-	-	1,109
31	VEGETABLES, DRIED	419	-	6,121	350	543	-	7,433
32	VEGETABLE PREP. NES	-	-	1,866	-	-	-	1,866
33	SUGAR NES	-	-	-	-	-	-	-
34	MOLASSES, CRUDE	-	-	-	-	-	-	-
35	MOLASSES, REFINED	-	-	-	-	-	-	-
36	SYRUP	-	-	-	-	-	-	-
37	SUGAR PREPARATIONS	-	-	-	-	-	-	-
38	SPICES	-	-	-	-	-	-	-
39	VINEGAR	-	-	-	-	-	-	-
40	SHORTENING	-	-	-	-	-	-	-
41	LARD	-	-	-	-	-	-	-
42	SAUSAGE CASINGS	-	-	-	-	-	-	-
43	MISC. FOOD PREP. NES	-	-	44	-	17	-	61
44	HULLS, SCREENINGS, CHAFF	4,600	-	76,998	-	2,430	11,089	95,117
45	GROUND CEREALS NES	468	-	9,098	-	-	276	9,842
46	SOYABEAN OIL MEAL, CAKE	-	-	-	-	-	-	-
47	OIL SEED MEAL, CAKE, NES	-	-	-	-	2,747	-	2,747
48	BREWERS GRAINS	-	-	-	-	-	-	-
49	FEEDS OF VEG. ORIGIN	805	-	1,036	-	-	-	1,841
50	FEEDS OF ANIMAL ORIGIN	-	-	-	-	-	-	-
51	CONC. COMPLETE FEEDS	-	-	594	-	262	-	856
52	NON-ALCOHOLIC BEVERAGE	-	-	-	-	-	-	-
53	WINES	-	-	-	-	-	-	-
54	FERM. ALCOHOLIC BEV.	-	-	-	-	-	-	-
55	DIST. ALCOHOLIC BEV.	-	-	277	-	-	-	277
56	TOBACCO NES	-	-	14,898	-	61	-	14,959
57	TOTAL	5,159,979	-	187,032	5,704	66,836	22,683	5,442,234
58	CRUDE MATERIALS, INEDIBLE.							
59	RAW HIDES AND SKINS	-	-	-	-	-	-	-
60	CRUDE ANIMAL PROD. NES	-	-	-	-	-	-	-
61	SEEDS FOR SOWING NES	-	-	-	-	-	-	-
62	FLAXSEED	195,220	-	6,384	-	59,196	-	260,800
63	MUSTARD SEED	-	-	-	-	13,535	-	13,535
64	RAPESEED	22,259	-	951	-	10,777	14,112	48,099
65	SOYA BEANS	52,102	-	-	-	47	-	52,149
66	CRUDE VEG. PROD. NES	-	-	-	-	-	-	-
67	LOGS	-	-	-	-	-	-	-
68	TEXTILE FIBRES NES	-	-	-	-	-	-	-
69	COPPER ORE AND CONC.	-	-	-	-	6,516	2,375	8,891
70	IRON ORE AND CONC.	1,063,158	-	-	-	412	-	1,063,158
71	MANGANESE ORE	-	-	-	-	-	-	-
72	NICKEL-COPPER ORE	-	-	-	-	-	-	-
73	ORES AND CONC. NES	-	-	-	-	-	-	-
74	IRON AND STEEL SCRAP	-	-	-	-	8,041	40,477	48,518
75	NON-FERROUS MET. SCRAP	-	-	-	-	-	-	-
76	SLAG, DROSS, BY-PRODUCTS	-	-	-	-	-	-	-
77	COAL BITUMINOUS	1,745	-	-	-	-	-	1,745
78	COAL NES	340	-	-	-	-	-	340
79	NATURAL GAS	-	-	-	-	-	-	-
80	BENTONITE	-	-	-	-	-	-	-
81	CHINA CLAY	-	-	-	-	-	-	-
82	DOLOMITE	-	-	-	-	-	-	-
83	CLAY MATERIALS NES	-	-	-	-	-	-	-
84	SAND AND GRAVEL	4,207	-	-	-	-	-	4,207
85	STONE, CRUDE, NES	61,187	-	-	-	-	-	61,187
86	GYP SUM	-	-	-	-	-	-	-
87	SALT	607,088	-	-	-	-	-	607,088

TABLE 110. CARGO TONNAGE DOWNBOUND THROUGH THE WELLAND CANAL BY COMMODITY, ORIGIN AND DESTINATION.

CANADA	U. S. A.	UNITED STATES				TOTAL	GRAND TOTAL	NO.
		UNITED KINGDOM	OTHER BRITISH COMMONWEALTH	OTHER EUROPE	OTHER COUNTRIES			
-	-	12,737	18	33,419	303	46,477	46,477	1
-	-	1,497	-	500	-	1,997	1,997	2
-	-	14	-	59	-	73	73	3
-	-	3	-	2	-	5	5	4
2,948	-	-	-	-	93	3,041	3,041	5
-	-	23	-	124	-	147	147	6
-	-	7	10,201	4,612	56,050	70,870	70,870	7
-	-	187	1,375	274	5,194	7,030	7,030	8
67,772	21,966	-	-	19,148	22,540	131,426	996,428	9
1,873,461	-	562,640	31	1,026,198	1,723	3,464,053	3,535,186	10
-	-	-	-	2,419	-	2,419	267,924	11
11,366	-	-	-	15,396	-	26,762	61,739	12
882,287	9,840	5,886	17,533	244,028	183,128	1,342,702	5,334,588	13
-	-	1,554	-	688	111	2,353	2,353	14
-	-	44	61,793	2,205	58,541	122,583	122,583	15
-	-	549	142	208	-	899	899	16
-	-	-	-	1,930	2,001	3,931	75,022	17
-	-	283	1,244	7,423	126,814	135,764	142,221	18
-	-	263	25,359	346	17,109	43,077	43,152	19
-	-	16	-	-	-	16	16	20
-	-	99	98	855	101	1,153	1,153	21
-	-	24	-	25	-	49	49	22
-	-	20	-	733	-	753	753	23
-	-	-	-	297	-	297	297	24
-	-	-	-	59	-	59	59	25
-	-	-	-	644	-	644	644	26
-	-	102	10	5,562	-	5,674	5,674	27
-	-	-	-	450	-	450	450	28
-	-	-	-	50	-	50	1,159	29
92,627	-	27,106	3,155	26,888	5,782	155,598	162,991	30
-	-	473	1,381	2,294	4,582	8,730	10,596	31
-	-	363	-	2,047	1,132	3,542	3,542	32
-	2,120	-	-	-	-	2,120	2,120	33
-	4,603	-	-	-	-	4,603	4,603	34
-	2,451	-	-	-	-	2,451	2,451	35
-	-	60	-	50	-	110	110	36
-	-	8	-	8	-	16	16	37
-	-	-	-	6	-	6	6	38
-	-	-	13	82	-	95	95	39
-	-	67,766	22	1,772	-	69,560	69,560	40
-	-	493	125	1,120	-	1,738	1,738	41
-	-	440	171	879	160	1,650	1,711	42
-	-	-	-	5,173	-	5,173	100,290	43
-	-	1,644	-	10,873	-	12,517	22,359	44
840	-	-	62	123,505	-	124,407	124,407	45
-	-	-	-	84,116	-	84,116	86,863	46
-	-	-	-	3,250	50	3,300	3,300	47
-	-	151	-	500,203	2,576	502,930	504,771	48
-	-	-	-	54	-	54	54	49
-	-	-	9	7,280	385	7,674	8,530	50
-	-	-	-	18	82	100	100	51
-	-	-	-	61	50	111	111	52
-	-	-	-	45	54	99	99	53
-	-	52	-	685	44	781	1,058	54
-	-	-	36	26	-	62	15,021	55
2,931,301	40,980	684,504	122,778	2,138,089	488,605	6,406,257	11,848,491	56
-	-	1,246	692	75,433	7,267	84,638	84,638	57
-	-	92	-	265	-	357	357	58
83,326	-	662	-	2,411	93	3,166	3,166	59
-	-	-	-	100,395	-	183,721	444,521	60
-	-	-	-	560	-	560	14,095	61
1,374,218	-	24,356	18	378,821	161,606	1,939,019	1,991,168	62
-	-	77	-	41	-	118	118	63
-	-	-	-	28,406	963	29,369	29,369	64
-	-	93	198	986	58	1,335	1,335	65
2,149,952	-	-	-	430	-	430	9,321	66
-	-	-	-	-	-	2,149,952	3,213,110	67
-	-	-	-	85	-	85	85	68
-	-	-	-	246	404	650	650	69
5,651	-	124,869	-	690,206	471,887	1,292,613	1,341,131	70
-	-	245	24	33,576	840	34,685	34,685	71
10,772,459	-	918	-	928	-	1,846	1,846	72
-	-	-	-	205	-	10,772,664	10,774,409	73
-	-	-	-	-	-	-	340	74
-	-	1,835	-	1,107	-	2,942	2,942	75
101,980	-	32,620	100	11,634	337	146,671	146,671	76
-	-	20	-	-	-	20	20	77
-	-	-	43	-	-	43	43	78
14,846	-	98	-	46,615	-	61,559	61,559	79
216,846	-	600	-	307	20	217,773	221,980	80
-	-	-	-	-	-	-	61,187	81
-	-	-	-	713	12	725	725	82
174,242	30,500	-	-	-	-	204,742	811,830	83

TABLE 1.3. CARGO THROUGH DOWNSHORE THROUGH THE WELLAND CANAL BY COMMODITY, ORIGIN AND DESTINATION.

NO.	COMMODITY	CANADA TO						TOTAL
		CANADA	U.S.A.	UNITED KINGDOM	OTHER BRITISH COMMONWEALTH	OTHER EUROPE	OTHER COUNTRIES	
88	CRUDE NON-MET. MIN. NES	-	-	-	-	-	-	-
89	COTTON, TEXTILE WASTE	-	-	-	-	-	-	-
90	WASTE AND SCRAP NES	-	-	-	-	-	-	-
91	TOTAL	2,007,306	-	7,335	-	98,524	56,964	2,170,129
92	FABRICATED MATERIALS, INEDIBLE	-	-	-	-	-	-	-
93	LEATHER	-	-	-	-	-	-	-
94	RUBBER FAB. MATERIALS	-	-	-	-	-	-	-
95	LUMBER AND TIMBER	-	-	-	-	660	-	660
96	FLOORING	-	-	-	-	-	-	-
97	VENEER AND PLYWOOD	-	-	-	-	-	-	-
98	COOPERAGE STOCK ETC.	-	-	-	-	-	-	-
99	WOOD FABRICATED MTL.	-	-	-	-	-	-	-
100	PULP	-	-	-	-	6,816	-	6,816
101	NEWSPRINT PAPER	-	3,617	-	1,243	5,325	440	10,625
102	PAPER NES	-	-	-	-	-	-	-
103	PAPERBOARD	-	-	-	-	-	-	-
104	BLDG. PAPER AND BOARD	-	-	165	-	-	-	165
105	CORDAGE, TWINE, ROPE	-	-	-	-	-	-	-
106	TEXTILE FAB. MTL. NES	-	-	-	-	-	-	-
107	ANIMAL OILS, EXC. MARINE	-	-	-	-	-	-	-
108	SOYABEAN OIL	-	-	-	-	-	-	-
109	VEG. OILS, FATS, NES	-	-	-	-	-	-	-
110	OILS, FATS, WAXES, NES	-	-	-	-	62	-	62
111	SULPHURIC ACID	-	-	-	-	-	1,199	1,199
112	METALLIC SALTS	83,676	-	553	-	3,138	-	87,367
113	INORGANIC CHEMICALS	72,799	-	101	-	12	-	72,912
114	GLYCOL	8,361	-	2,400	-	2,561	-	13,322
115	ORGANIC CHEMICALS NES	-	-	32,238	-	13,456	-	45,694
116	FERTILIZERS	-	-	-	-	-	-	-
117	FERT. & FERT. MAT. NES	-	-	-	10,117	-	-	10,117
118	AGRICULTURAL CHEMICALS	-	-	-	-	-	-	-
119	SYNTHETIC RUBBER	-	-	9,636	882	22,953	3,252	36,723
120	PLASTIC MATERIALS	-	-	1,898	919	3,100	1,406	7,323
121	DYESTUFF, PIGMENT, PAINTS	-	-	-	-	-	-	-
122	CHEM. SPECIALTIES NES	-	-	-	-	-	-	-
123	GASOLINE	73,225	-	-	-	-	-	73,225
124	FUEL OIL	181,618	-	-	-	-	-	181,618
125	LUBRICATING OIL, GREASE	653	-	-	-	-	-	653
126	COKE	1,761	-	-	-	-	-	1,761
127	ASPHALTS, ROAD OILS	-	-	-	-	-	-	-
128	COAL TAR, PITCH	-	-	-	-	-	-	-
129	PETROL, COAL PRDD. NES	89,472	-	-	-	-	-	89,472
130	FERRO-ALLOYS	-	-	-	-	1,164	-	1,164
131	PIG IRON	-	-	-	-	-	66,502	66,502
132	PRIMARY IRON, STEEL NES	-	-	-	-	-	-	-
133	CASTINGS, FORGINGS	9,882	-	-	-	-	-	9,882
134	BAR AND RODS, STEEL	-	-	-	-	-	-	-
135	PLATE & SHEET STEEL	-	-	-	-	258	840	1,098
136	STRUCTURAL SHAPES	7,887	-	-	-	8	-	7,895
137	RAILS AND TRACK MTL.	331	-	-	-	-	-	331
138	PIPE, TUBE, IRON & STEEL	-	-	-	-	-	-	-
139	WIRE	-	-	-	-	-	-	-
140	ALUMINUM	-	-	-	-	-	-	-
141	COPPER AND ALLOYS	-	-	-	-	-	-	-
142	LEAD AND ALLOYS	-	-	-	-	-	-	-
143	NICKEL AND ALLOYS	-	-	-	-	-	-	-
144	ZINC AND ALLOYS	-	-	-	-	-	-	-
145	NON-FERROUS METAL NES	-	-	-	-	-	-	-
146	METAL FAB. BASIC PROD.	29	-	-	-	-	-	29
147	BUILDING BRICK, CLAY	-	-	-	-	-	-	-
148	BRICKS, TILES, NES	-	-	-	-	-	-	-
149	GLASS BASIC PRODUCTS	-	-	-	-	-	-	-
150	CEMENT	-	-	-	-	-	-	-
151	CEMENT BASIC PROD.	-	-	-	-	-	-	-
152	LIME	-	-	-	-	-	-	-
153	NON-MET. MIN. BASIC PROD.	4,193	-	-	-	-	-	4,193
154	MISC. FABRICATED PROD.	-	-	-	-	-	-	-
155	TOTAL	533,887	3,617	46,991	13,161	59,513	73,639	730,808
156	END PRODUCTS, INEDIBLE.	-	-	-	-	-	-	-
157	TRACTORS	-	-	-	-	-	43	43
158	MACHINERY NES	-	-	27	934	-	122	1,083
159	RAILWAY ROLLING STOCKS	-	-	-	-	-	-	-
160	PASS. AUTOS & CHASSIS	-	-	-	-	-	-	-
161	BUSES AND CHASSIS	-	-	-	-	-	-	-
162	TRUCKS AND CHASSIS	-	-	-	-	-	-	-
163	MILITARY MOTOR VEH. & TRA.	-	-	-	-	-	-	-
164	MOTOR VEHICLE ENGINES	-	-	-	-	-	-	-
165	ROAD MOTOR VEH. NES	-	-	-	-	-	-	-
166	SHIPS, AIRCRAFT, MIS. VEH.	-	-	-	-	-	-	-
167	RUBBER TIRES & TUBES	-	-	-	-	-	-	-
168	EQUIPMENT	37	-	-	-	9	-	46
169	TOTAL	37	-	27	934	9	165	1,172

TABLE 11B. CARGO TONNAGE DOWNBOUND THROUGH THE WELLAND CANAL BY COMMODITY, ORIGIN AND DESTINATION.

CANADA	U. S. A.	UNITED STATES				TOTAL	GRAND TOTAL	NO.
		UNITED KINGDOM	OTHER BRITISH COMMONWEALTH	OTHER EUROPE	OTHER COUNTRIES			
30	-	519	-	1,409	28	1,986	1,986	88
-	-	144	25	5,878	48	5,895	5,895	89
-	-	111	-	1,549	7	1,667	1,667	90
14,893,550	30,500	188,505	1,100	1,382,006	643,570	17,139,231	19,309,360	91
-	-	32	41	362	-	435	435	92
-	-	-	-	88	-	88	88	93
-	-	2,673	69	2,376	-	5,118	5,778	94
-	-	-	-	274	-	274	274	95
-	-	15	-	758	65	838	838	96
-	-	-	-	603	-	603	603	97
-	-	-	-	106	-	106	106	98
-	-	-	11	59	-	70	6,886	99
-	-	10	-	-	-	10	10,635	100
-	-	4,862	1,070	2,388	15	8,335	8,335	101
-	-	-	12	69	34	115	115	102
-	-	42	143	52	6	243	408	103
-	-	-	15	-	-	15	15	104
-	-	-	42	30	-	72	72	105
-	-	12,037	3,087	53,806	25,606	94,536	94,536	106
820	-	-	25	-	-	845	845	107
-	-	1,678	-	11,263	1,327	14,268	14,268	108
-	-	1,021	125	1,255	249	2,650	2,712	109
-	-	-	-	17	11	28	1,227	110
-	2,295	861	93	2,434	255	5,938	93,305	111
-	53,138	-	16	839	60	54,053	126,965	112
4,639	12,247	669	1,761	19,355	4,411	43,082	13,329	113
5,015	-	-	-	46	-	5,061	88,776	114
-	-	-	23	140	8	171	10,288	115
-	-	70	111	211	173	565	5,061	116
-	-	1,386	340	2,195	1,064	4,985	41,708	117
-	-	2,883	3,632	5,584	1,906	14,005	21,328	118
-	-	26	58	419	-	503	503	119
-	-	2,376	492	5,614	2,509	10,991	10,991	120
-	48,844	-	-	-	-	48,844	122,069	121
90,980	138,202	-	-	57	-	189,239	370,857	122
-	3,600	227	69	4,542	421	8,859	9,512	123
271,348	-	-	-	23,934	-	295,280	297,041	124
-	13,340	303	-	670	13	14,326	14,326	125
27,342	74,968	16	-	434	-	102,760	102,760	126
2,382	65,383	485	-	1,709	20	69,979	159,451	127
-	-	593	1,303	3,257	-	5,153	6,317	128
-	-	-	-	-	-	-	66,502	129
8,059	-	43,490	-	96,771	2,086	150,406	150,406	130
-	-	219	-	138	-	357	10,239	131
-	-	-	-	3,213	45	3,258	3,258	132
-	-	29,978	15,542	526,786	36,881	609,187	610,285	133
-	-	188	68	38,688	12,124	51,068	58,963	134
172	-	-	-	6,702	-	6,874	7,205	135
-	-	243	41	96	-	380	380	136
-	-	14	-	141	1,154	1,309	1,309	137
-	-	99	-	1,949	47	2,095	2,095	138
588	-	440	-	1,614	48	2,690	2,690	139
-	-	-	-	-	16	16	16	140
-	-	-	16	48	189	253	253	141
-	-	-	-	7	-	7	7	142
-	-	154	-	654	-	808	808	143
1,000	-	175	6	24,054	644	25,879	25,908	144
-	-	-	-	-	57	57	57	145
-	-	92	9	428	59	588	588	146
-	-	83	-	2,311	5	2,399	2,399	147
-	89,063	-	-	-	-	89,063	89,063	148
-	-	-	-	70	-	70	70	149
-	-	-	-	22	-	22	22	150
-	-	111	43	1,355	894	2,403	6,596	151
-	-	103	-	1,017	12	1,132	1,132	152
372,343	501,080	107,654	28,263	851,010	92,421	1,952,771	2,683,579	153
-	-	3,480	1,536	8,990	258	14,264	14,307	154
-	1,465	7,653	5,231	29,902	7,085	51,336	52,419	155
-	-	5	320	60	3,530	3,915	3,915	156
-	-	-	11,584	1,683	4,961	18,228	18,228	157
-	-	-	-	13	-	13	13	158
-	-	41	627	1,728	2,230	4,626	4,626	159
-	-	-	265	15,599	276	16,140	16,140	160
-	-	1,360	6,662	3,466	1,817	13,305	13,305	161
-	-	153	134	4,515	3,937	8,739	8,739	162
-	-	139	63	1,302	163	1,667	1,667	163
-	-	316	-	1,469	18	1,803	1,803	164
-	250	960	41	3,867	1,522	6,640	6,686	165
-	1,715	14,107	26,463	72,594	25,797	140,676	141,848	166

TABLE 11B. CARGO TONNAGE DOWNBOUND THROUGH THE WELAND CANAL BY COMMODITY, ORIGIN AND DESTINATION.

NO.	COMMODITY	CANADA TO					OTHER EUROPE	OTHER COUNTRIES	TOTAL
		CANADA	U.S.A.	UNITED KINGDOM	OTHER BRITISH COMMONWEALTH				
170	MISCELLANEOUS FREIGHT N.E.S.								
171	PERSONAL, HOUSEHOLD, GOODS ...	-	-	-	69	-	-	69	
172	FIREARMS, AMMUNITION	-	-	-	-	-	-	-	
173	CONTAINERS, CLOSURES	2	-	69	-	-	-	71	
174	MISC. END PRODUCTS	-	-	56	6	10	11	83	
175	TOTAL	2	-	125	75	10	11	223	
176	DOMESTIC PACKAGE FREIGHT								
177	DOMESTIC PACKAGE FRT.	190,905	-	-	-	-	-	190,905	
178	TOTAL	190,905	-	-	-	-	-	190,905	
179	GRAND TOTALS	7,892,116	3,617	241,510	19,874	224,892	153,462	8,535,471	

SECTION IV
NON-TOLL CANALS OF THE
ST. LAWRENCE SEAWAY

TABLE 1. NUMBER AND TONNAGE OF VESSELS, CARGO TONNAGE, AND PASSENGERS THROUGH THE SAULT STE. MARIE CANAL BY KIND OF VESSEL.

KIND OF VESSEL	NUMBER OF VESSELS			REGISTERED NET TONS	GROSS TONS	CARGO TONS	NUMBER OF PASSENGERS
	IN BALLAST	WITH CARGO	TOTAL				
UPBOUND.							
CARGO	252	144	396	1,072,369	1,605,923	376,068	
TOURIST CRUISERS	109	2	111	9,095	25,126	3,284	11,123
SCOW, BARGE, ETC	1		1	1,278	1,278		
TANKER	22	77	99	162,834	254,386	276,193	
TUG OR DREDGE	32		32	71	3,313		
TUG AND SCOW	151	5	156	156,834	156,993	4,211	
NAVAL OR GOVERNMENT	68		68	710	9,172		
OTHER	1		1	1	9		
TOTAL	636	228	864	1,403,192	2,056,200	659,756	11,123
DOWNBOUND.							
CARGO	12	225	237	621,619	936,667	566,531	494
TOURIST CRUISERS	1,738	1	1,739	7,051	158,899	976	181,274
TANKER	123	26	149	322,376	496,382	109,895	
TUG OR DREDGE	33		33	72	3,430		
TUG AND SCOW	24	130	154	154,127	154,294	90,683	
NAVAL OR GOVERNMENT	62		62	705	8,650		
OTHER	1		1	1	9		
TOTAL	1,993	382	2,375	1,105,951	1,758,331	768,085	181,768
GRAND TOTALS	2,629	610	3,239	2,509,143	3,814,531	1,427,841	192,891

TABLE 2. NUMBER AND TONNAGE OF VESSELS, CARGO TONNAGE, AND PASSENGERS THROUGH THE SAULT STE. MARIE CANAL BY REGISTRY OF VESSEL.

COUNTRY OF REGISTRY	NUMBER OF VESSELS			REGISTERED NET TONS	GROSS TONS	CARGO TONS	NUMBER OF PASSENGERS
	IN BALLAST	WITH CARGO	TOTAL				
UPBOUND							
CANADA	538	215	753	1,311,599	1,911,847	612,162	2,413
UNITED STATES	90	11	101	73,638	111,046	46,941	8,719
UNITED KINGDOM	2		2	4,916	9,804		
GERMANY	4		4	6,187	10,922		
GREECE	1		1	1,708	2,967		
NORWAY		1	1	1,162	1,999	358	
SWEDEN	1		1	2,623	4,688		
YUGOSLAVIA		1	1	1,359	2,927	295	
TOTAL	636	228	864	1,403,192	2,056,200	659,756	11,123
DOWNBOUND							
CANADA	676	361	1,037	956,846	1,432,770	686,907	26,772
UNITED STATES	1,315	17	1,332	139,417	307,361	78,715	154,996
GERMANY		3	3	5,411	10,024	2,023	
GREECE	1	1	2	2,918	5,249	440	
YUGOSLAVIA	1		1	1,359	2,927		
TOTAL	1,993	382	2,375	1,105,951	1,758,331	768,085	181,768
GRAND TOTALS	2,629	610	3,239	2,509,143	3,814,531	1,427,841	192,891

TABLE 3. NUMBER AND TONNAGE OF VESSELS, CARGO TONNAGE, AND PASSENGERS THROUGH THE SAULT STE. MARIE CANAL BY LENGTH OF VESSEL.

LENGTH OF VESSEL	NUMBER OF VESSELS			REGISTERED NET TONS	GROSS TONS	CARGO TONS	NUMBER OF PASSENGERS
	IN BALLAST	WITH CARGO	TOTAL				
UPBOUND.							
UNDER 80 FEET	181		181	350	11,232		11,123
80 TO 119 FEET	34		34	1,518	4,109		
120 TO 159 FEET	42	2	44	26,123	28,272	700	
200 TO 239 FEET	103	5	108	135,894	143,811	13,597	
240 TO 279 FEET	64	52	116	145,161	242,235	161,407	
280 TO 319 FEET	47	4	51	90,259	136,541	13,013	
320 TO 359 FEET	102	28	130	290,305	439,383	99,377	
360 TO 399 FEET	22	23	45	119,896	178,750	63,242	
400 TO 439 FEET	6	2	8	25,555	35,744	6,835	
440 TO 479 FEET	24	111	135	507,243	756,740	291,585	
520 TO 559 FEET	11	1	12	60,888	79,383	10,000	
TOTAL	636	228	864	1,403,192	2,056,200	659,756	11,123

TABLE 3. NUMBER AND TONNAGE OF VESSELS, CARGO TONNAGE, AND PASSENGERS THROUGH THE SAULT STE. MARIE CANAL BY LENGTH OF VESSEL.

LENGTH OF VESSEL	NUMBER OF VESSELS			REGISTERED NET TONS	GROSS TONS	CARGO TONS	NUMBER OF PASSENGERS
	IN BALLAST	WITH CARGO	TOTAL				
DOWNBOUND.							
UNDER 80 FEET	1,810		1,810	2,080	151,593		181,768
80 TO 119 FEET	34		34	1,609	3,826		
120 TO 159 FEET	10		42	24,725	26,874	12,800	
200 TO 239 FEET	9	32	107	135,776	144,617	77,883	
240 TO 279 FEET	50	65	115	144,262	240,639	190,055	
280 TO 319 FEET	3	33	36	59,028	87,881	73,830	
320 TO 359 FEET	21	31	52	116,482	166,685	115,391	
360 TO 399 FEET	16	30	46	122,896	181,131	74,512	
400 TO 439 FEET	30	2	32	103,566	159,492	5,973	
440 TO 479 FEET	9	90	99	384,367	580,968	207,672	
520 TO 559 FEET	1	1	2	11,160	14,625	9,969	
TOTAL	1,993	382	2,375	1,105,951	1,758,331	768,085	181,768
GRAND TOTALS	2,629	610	3,239	2,509,143	3,814,531	1,427,841	192,891

TABLE 4A. NUMBER AND TONNAGE OF VESSELS UPBOUND THROUGH THE SAULT STE. MARIE CANAL BY REGISTRY OF VESSEL, ORIGIN AND DESTINATION.

ORIGIN AND COUNTRY OF REGISTRY	CANADA			DESTINED TO UNITED STATES			TOTAL		
	VESSELS	REG. NET	GROSS TONS	VESSELS	REG. NET	GROSS TONS	VESSELS	REG. NET	GROSS TONS
PORTS BETWEEN SAULT STE. MARIE AND THE GULF OF ST. LAWRENCE.									
COUNTRY OF REGISTRY									
CANADA	752	1,311,598	1,911,757	1	1	90	753	1,311,599	1,911,847
UNITED STATES	3	1,650	2,417	98	71,988	108,629	101	73,638	111,046
UNITED KINGDOM	1	2,458	4,902				1	2,458	4,902
GERMANY	3	4,710	8,512	1	1,477	2,410	4	6,187	10,922
GREECE	1	1,708	2,967				1	1,708	2,967
TOTAL	760	1,322,124	1,930,555	100	73,466	111,129	860	1,395,590	2,041,684
PORTS OTHER THAN BETWEEN SAULT STE. MARIE AND THE GULF OF ST. LAWRENCE.									
COUNTRY OF REGISTRY									
UNITED KINGDOM	1	2,458	4,902				1	2,458	4,902
NORWAY				1	1,162	1,999	1	1,162	1,999
SWEDEN	1	2,623	4,688				1	2,623	4,688
YUGOSLAVIA	1	1,359	2,927				1	1,359	2,927
TOTAL	3	6,440	12,517	1	1,162	1,999	4	7,602	14,516
GRAND TOTALS	763	1,328,564	1,943,072	101	74,628	113,128	864	1,403,192	2,056,200

TABLE 4B. NUMBER AND TONNAGE OF VESSELS DOWNBOUND THROUGH THE SAULT STE. MARIE CANAL BY REGISTRY OF VESSEL, ORIGIN AND DESTINATION.

DESTINATION AND COUNTRY OF REGISTRY	CANADA			ORIGINATING IN UNITED STATES			TOTAL		
	VESSELS	REG. NET	GROSS TONS	VESSELS	REG. NET	GROSS TONS	VESSELS	REG. NET	GROSS TONS
PORTS BETWEEN SAULT STE. MARIE AND THE GULF OF ST. LAWRENCE.									
COUNTRY OF REGISTRY									
CANADA	1,029	941,488	1,412,893	3	4,235	5,117	1,032	945,723	1,418,010
UNITED STATES	7	16,481	24,943	1,325	122,936	282,418	1,332	139,417	307,361
YUGOSLAVIA	1	1,359	2,927				1	1,359	2,927
TOTAL	1,037	959,328	1,440,763	1,328	127,171	287,535	2,365	1,086,499	1,728,298

TABLE 4B. NUMBER AND TONNAGE OF VESSELS DOWNBOUND THROUGH THE SAULT STE. MARIE CANAL BY REGISTRY OF VESSEL, ORIGIN AND DESTINATION

DESTINATION AND COUNTRY OF REGISTRY	ORIGINATING IN						TOTAL		
	CANADA			UNITED STATES			VESSELS	REG. NET	GROSS TONS
	VESSELS	REG. NET	GROSS TONS	VESSELS	REG. NET	GROSS TONS			
PORTS OTHER THAN BETWEEN SAULT STE. MARIE AND THE GULF OF ST. LAWRENCE.									
COUNTRY OF REGISTRY									
CANADA	5	11,123	14,760				5	11,123	14,760
GERMANY	2	4,210	7,565	1	1,201	2,459	3	5,411	10,024
GREECE	1	1,708	2,967	1	1,210	2,282	2	2,918	5,249
TOTAL	8	17,041	25,292.	2	2,411	4,741	10	19,452	30,033
GRAND TOTALS	1,045	976,369	1,466,055	1,330	129,582	292,276	2,375	1,105,951	1,758,331

TABLE 5. NUMBER AND TONNAGE OF VESSELS THROUGH THE SAULT STE. MARIE BY REGISTRY OF VESSEL AND BY RIG.

COUNTRY OF REGISTRY	STEAM			MOTOR			OTHER			TOTAL		
	NO. OF VESSELS	REG. NET TONS	GROSS TONS	NO. OF VESSELS	REG. NET TONS	GROSS TONS	NO. OF VESSELS	REG. NET TONS	GROSS TONS	NO. OF VESSELS	REG. NET TONS	GROSS TONS
UPBOUND.												
CANADA	149	338,316	525,069	447	815,171	1,228,507	157	158,112	158,271	753	1,311,599	1,911,847
UNITED STATES ..	14	36,183	54,724	87	37,455	56,322				101	73,638	111,046
UNITED KINGDOM ..				2	4,916	9,804				2	4,916	9,804
GERMANY				4	6,187	10,922				4	6,187	10,922
GREECE				1	1,708	2,967				1	1,708	2,967
NORWAY				1	1,162	1,999				1	1,162	1,999
SWEDEN				1	2,623	4,688				1	2,623	4,688
YUGOSLAVIA				1	1,359	2,927				1	1,359	2,927
TOTAL	163	374,499	579,793	544	870,581	1,318,136	157	158,112	158,271	864	1,403,192	2,056,200
DOWNBOUND.												
CANADA	96	202,494	319,451	787	600,225	959,025	154	154,127	154,294	1,037	956,846	1,432,770
UNITED STATES ..	34	84,023	129,712	1,298	55,394	177,649				1,332	139,417	307,361
GERMANY				3	5,411	10,024				3	5,411	10,024
GREECE				2	2,918	5,249				2	2,918	5,249
YUGOSLAVIA				1	1,359	2,927				1	1,359	2,927
TOTAL	130	286,517	449,163	2,091	665,307	1,156,874	154	154,127	154,294	2,375	1,105,951	1,758,331
GRAND TOTALS ..	293	661,016	1,028,956	2,635	1,535,888	2,473,010	311	312,239	312,565	3,239	2,509,143	3,814,531

TABLE 6. NUMBER AND TONNAGE OF VESSELS THROUGH THE SAULT STE. MARIE BY KIND AND LENGTH.

KIND AND LENGTH OF VESSEL	UPBOUND			DOWNBOUND			TOTAL		
	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS
CARGO VESSEL.									
UNDER 80 FEET	107	107	9,925	1,740	1,959	150,426	1,847	2,066	160,351
240 TO 279 FEET	60	80,498	130,732	62	83,165	135,201	122	163,663	265,933
280 TO 319 FEET	48	84,719	129,349	33	53,488	80,689	81	138,207	210,038
320 TO 359 FEET	107	240,815	369,154	22	48,714	71,694	129	289,529	440,848
360 TO 399 FEET	33	92,065	135,841	25	71,011	102,322	58	163,076	238,163
400 TO 439 FEET	6	18,492	25,368	1	1,710	3,185	7	20,202	28,553
440 TO 479 FEET	134	503,880	751,297	91	357,463	537,424	225	861,343	1,288,721
520 TO 559 FEET	12	60,888	79,383	2	11,160	14,625	14	72,048	94,008
TOTALS	507	1,081,464	1,631,049	1,976	628,670	1,095,566	2,483	1,710,134	2,726,615
BARGE OR SCOW.									
200 TO 239 FEET	1	1,278	1,278				1	1,278	1,278
TOTALS	1	1,278	1,278				1	1,278	1,278

TABLE 6. NUMBER AND TONNAGE OF VESSELS THROUGH THE SAULT STE. MARIE BY KIND AND LENGTH.

KIND AND LENGTH OF VESSEL	UPBOUND			DOWNBOUND			TOTAL		
	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS
TANKER.									
200 TO 239 FEET	2	4,884	6,734	3	7,326	10,101	5	12,210	16,835
240 TO 279 FEET	56	64,663	111,503	53	61,097	105,438	109	125,760	216,941
280 TO 319 FEET	3	5,540	7,192	3	5,540	7,192	6	11,080	14,384
320 TO 359 FEET	23	49,490	70,229	30	67,768	94,991	53	117,258	165,220
360 TO 399 FEET	12	27,831	42,909	21	51,885	78,809	33	79,716	121,718
400 TO 439 FEET	2	7,063	10,376	31	101,856	156,307	33	108,919	166,683
440 TO 479 FEET	1	3,363	5,443	8	26,904	43,544	9	30,267	48,987
TOTALS	99	162,834	254,386	149	322,376	496,382	248	485,210	750,768
TUG OR DREDGE.									
UNDER 80 FEET	11	11	455	11	11	469	22	22	924
80 TO 119 FEET	19	58	2,082	20	59	2,185	39	117	4,267
120 TO 159 FEET	2	2	776	2	2	776	4	4	1,552
TOTALS	32	71	3,313	33	72	3,430	65	143	6,743
TUG AND SCOW.									
UNDER 80 FEET	4	156	224	4	38	114	8	194	338
80 TO 119 FEET	13	1,458	1,549	14	1,550	1,641	27	3,008	3,190
120 TO 159 FEET	38	26,117	26,117	36	24,719	24,719	74	50,836	50,836
200 TO 239 FEET	101	129,103	129,103	100	127,820	127,820	201	256,923	256,923
TOTALS	156	156,834	156,993	154	154,127	154,294	310	310,961	311,287
OTHER VESSELS.									
UNDER 80 FEET	59	76	628	55	72	584	114	148	1,212
80 TO 119 FEET	2	2	478				2	2	478
120 TO 159 FEET	4	4	1,379	4	4	1,379	8	8	2,758
200 TO 239 FEET	4	629	6,696	4	630	6,696	8	1,259	13,392
TOTALS	69	711	9,181	63	706	8,659	132	1,417	17,840
GRAND TOTALS	244	1,463,192	2,096,200	2,375	1,145,951	1,798,231	3,219	2,509,143	3,814,531

TABLE 7. NUMBER AND TONNAGE OF VESSELS THROUGH THE SAULT STE. MARIE BY KIND AND DRAFT.

KIND AND DRAFT OF VESSEL	UPBOUND			DOWNBOUND			TOTAL		
	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS
CARGO VESSEL.									
5 FEET AND UNDER	37	37	3,885	457	676	47,985	494	713	51,870
6 TO 7 FEET	70	70	6,040	1,283	1,283	102,441	1,353	1,353	108,481
8 TO 9 FEET	7	11,536	15,148				7	11,536	15,148
10 TO 11 FEET	8	13,184	17,312				8	13,184	17,312
12 TO 13 FEET	1	2,160	3,308	14	23,072	30,296	15	25,232	33,604
14 TO 15 FEET	7	16,067	23,255	5	7,123	10,558	12	23,190	33,813
16 TO 17 FEET	49	69,561	117,740	44	54,661	97,658	93	124,222	215,398
18 TO 19 FEET	43	115,656	150,968	14	34,268	46,111	57	149,924	197,079
20 TO 21 FEET	127	342,722	513,351	68	176,206	267,866	195	518,928	781,217
22 TO 23 FEET	68	170,298	267,557	20	60,253	84,218	88	230,551	351,775
24 TO 25 FEET	90	340,173	512,485	71	271,128	408,433	161	611,301	920,918
TOTALS	507	1,081,464	1,631,049	1,976	628,670	1,095,566	2,483	1,710,134	2,726,615
BARGE OR SCOW.									
10 TO 11 FEET	1	1,278	1,278				1	1,278	1,278
TOTALS	1	1,278	1,278				1	1,278	1,278
TANKER.									
12 TO 13 FEET				1	2,393	3,833	1	2,393	3,833
14 TO 15 FEET	7	8,701	14,450	3	3,514	5,913	10	12,215	20,363
16 TO 17 FEET	47	76,618	117,941	46	73,519	112,991	93	150,137	230,932
18 TO 19 FEET	36	54,056	85,237	35	50,891	80,943	71	104,947	166,180
20 TO 21 FEET	6	14,613	24,595	30	82,494	129,121	36	97,107	153,716
22 TO 23 FEET	3	8,846	12,163	34	109,565	163,581	37	118,411	175,744
TOTALS	99	162,834	254,386	149	322,376	496,382	248	485,210	750,768
TUG OR DREDGE.									
5 FEET AND UNDER	1	1	52				1	1	52
6 TO 7 FEET	2	2	160	2	2	160	4	4	320
8 TO 9 FEET	9	9	351	10	10	417	19	19	768
10 TO 11 FEET	20	59	2,750	21	60	2,853	41	119	5,603
TOTALS	32	71	3,313	33	72	3,430	65	143	6,743

TABLE 7. NUMBER AND TONNAGE OF VESSELS THROUGH THE SAULT STE. MARIE BY KIND AND DRAFT.

KIND AND DRAFT OF VESSEL	UPBOUND			DOWNBOUND			TOTAL		
	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS	NO. OF VESSELS	REGISTERED NET TONS	GROSS TONS
TUG AND BARGE.									
5 FEET AND UNDER	50	37,128	37,287	14	3,271	3,438	64	40,399	40,725
6 TO 7 FEET	33	33,064	33,064	9	2,367	2,367	42	35,431	35,431
8 TO 9 FEET	8	5,544	5,544	31	21,483	21,483	39	27,027	27,027
10 TO 11 FEET	60	75,276	75,276	94	119,328	119,328	154	194,604	194,604
12 TO 13 FEET	4	4,544	4,544	6	7,678	7,678	10	12,222	12,222
16 TO 17 FEET	1	1,278	1,278				1	1,278	1,278
TOTALS	156	156,834	156,993	154	154,127	154,294	310	310,961	311,287
OTHER VESSELS.									
5 FEET AND UNDER	56	73	596	53	70	566	109	143	1,162
6 TO 7 FEET	1	1	14				1	1	14
10 TO 11 FEET	1	1	338	1	1	338	2	2	676
12 TO 13 FEET	7	7	1,537	6	6	2,733	13	13	4,270
16 TO 17 FEET	3	628	5,022	2	2	3,348	5	630	8,370
18 TO 19 FEET	1	1	1,674	1	627	1,674	2	628	3,348
TOTALS	69	711	9,181	63	706	8,659	132	1,417	17,840
GRAND TOTALS	864	1,403,192	2,056,200	2,375	1,105,951	1,758,331	3,239	2,509,143	3,814,531

TABLE 8A. CARGO TONNAGE UPBOUND THROUGH THE SAULT STE. MARIE CANAL BY ORIGIN AND DESTINATION.

PORTS OF LOADING	DESTINATION								
	CANADA			UNITED STATES			TOTAL		
	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL
PORTS BETWEEN SAULT STE. MARIE AND GULF OF ST. LAWRENCE.									
CANADA	567,242	26	567,268				567,242	26	567,268
UNITED STATES	44,182	712	44,894	46,941		46,941	91,123	712	91,835
TOTAL	611,424	738	612,162	46,941		46,941	658,365	738	659,103
PORTS OUTSIDE GULF OF ST. LAWRENCE.									
NORWAY				358		358	358		358
YUGOSLAVIA		295	295					295	295
TOTAL		295	295	358		358	358	295	653
GRAND TOTALS	611,424	1,033	612,457	47,299		47,299	658,723	1,033	659,756

TABLE 8B. CARGO TONNAGE DOWNBOUND THROUGH THE SAULT STE. MARIE CANAL BY DESTINATION AND ORIGIN.

PORTS OF UNLOADING	ORIGIN								
	CANADA			UNITED STATES			TOTAL		
	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL
PORTS BETWEEN SAULT STE. MARIE AND GULF OF ST. LAWRENCE.									
CANADA	302,459		302,459				302,459		302,459
UNITED STATES	169,875	192,267	362,142	73,461	9,706	83,167	243,336	201,973	445,309
TOTAL	472,334	192,267	664,601	73,461	9,706	83,167	545,795	201,973	747,768
PORTS OUTSIDE GULF OF ST. LAWRENCE.									
CANADIAN ATLANTIC PORTS	17,854		17,854				17,854		17,854
OTHER BRITISH COMMONWEALTH ..	990		990				990		990
CENTRAL AMERICAN & CARIBBEAN ..	240		240	222		222	462		462
SOUTH AMERICAN COUNTRIES	868		868	143		143	1,011		1,011
TOTAL	19,952		19,952	365		365	20,317		20,317
GRAND TOTALS	492,286	192,267	684,553	73,826	9,706	83,532	566,112	201,973	768,085

TABLE 9A. CARGO TONNAGE UPBOUND THROUGH THE SAULT STE. MARIE CANAL BY ORIGIN AND REGISTRY OF VESSEL.

ORIGIN	COUNTRY OF REGISTRY	CARGO TONNAGE		
		BULK	GENERAL	TOTAL
PORTS BETWEEN SAULT STE. MARIE AND THE GULF OF ST. LAWRENCE	CANADA	611,424		
	UNITED STATES	46,941	738	612,162
	TOTAL	658,365	738	659,103
PORTS OTHER THAN BETWEEN SAULT STE. MARIE AND THE GULF OF ST. LAWRENCE	NORWAY	358		358
	YUGOSLAVIA		295	295
	TOTAL	358	295	653
GRAND TOTALS		658,723	1,033	659,756

TABLE 9B. CARGO TONNAGE DOWNBOUND THROUGH THE SAULT STE. MARIE CANAL BY DESTINATION AND REGISTRY OF VESSEL.

DESTINATION	COUNTRY OF REGISTRY	CARGO TONNAGE		
		BULK	GENERAL	TOTAL
PORTS BETWEEN SAULT STE. MARIE AND THE GULF OF ST. LAWRENCE	CANADA	476,786	192,267	669,053
	UNITED STATES	69,009	9,706	78,715
	TOTAL	545,795	201,973	747,768
PORTS OTHER THAN BETWEEN SAULT STE. MARIE AND THE GULF OF ST. LAWRENCE	CANADA	17,854		17,854
	GERMANY	2,023		2,023
	GREECE	440		440
	TOTAL	20,317		20,317
GRAND TOTALS		566,112	201,973	768,085

TABLE 10. NUMBER OF VESSELS AND CARGO TONNAGE THROUGH THE SAULT STE. MARIE CANAL BY KIND AND GROSS TONNAGE.

KIND AND GROSS TONNAGE OF VESSEL	UPBOUND					DOWNBOUND								
	NUMBER OF VESSELS		CARGO TONNAGE			AVERAGE	NUMBER OF VESSELS		CARGO TONNAGE			AVERAGE		
BAL.	CARGO TOTAL	BULK	GENERAL	TOTAL	BAL.		CARGO TOTAL	BULK	GENERAL	TOTAL				
CARGO.					...						...
UNDER 1,000	107	107				1,740	1,740							
1,000 TO 1,999	1	1	358		358.0	1	1	3,392		3,392	3,392.0			
2,000 TO 2,999	93	2	2,490	295	2,785	1,392.5	4	92	144,489	98,292	242,781	2,638.9		
3,000 TO 3,999	113	15	35,821	494	36,315	2,421.0	3	22	55,518	15,526	71,044	3,229.3		
4,000 TO 4,999	34	18	43,942		43,942	2,441.2	20	20	20,238	12,411	32,649	1,632.5		
5,000 TO 5,999	2	86	222,118	177	222,295	2,584.8	1	71	111,276	42,164	153,440	2,161.1		
6,000 TO 6,999	11	24	73,590	67	73,657	3,069.0	20	20	41,560	22,641	64,201	3,210.1		
7,000 TO 7,999							1	1						
TOTAL	361	146	507	378,319	1,033	379,352	...	1,750	226	1,976	376,473	191,034	567,507	...
BARGE OR SCOW.														
1,000 TO 1,999	1	1												
TOTAL	1	1					...							
TANKER.														
1,000 TO 1,999	5	42	47	128,098		128,098	3,050.0	39	6	45	18,607		18,607	3,101.2
2,000 TO 2,999	5	22	27	85,926		85,926	3,905.7	20	6	26	24,972		24,972	4,162.0
3,000 TO 3,999	9	10	19	52,122		52,122	5,212.2	16	13	29	50,913	9,706	60,619	4,663.0
4,000 TO 4,999	3	1	4	3,100		3,100	3,100.0	30	1	31	5,697		5,697	5,697.0
5,000 TO 5,999		2	2	6,947		6,947	3,473.5	18		18				
TOTAL	22	77	99	276,193		276,193	...	123	26	149	100,189	9,706	109,895	...
TUG AND SCOW.														
UNDER 1,000	53	2	55	700		700	350.0	22	32	54	12,800		12,800	400.0
1,000 TO 1,999	98	3	101	3,511		3,511	1,170.3	2	98	100	76,650	1,233	77,883	794.7
TOTAL	151	5	156	4,211		4,211	...	24	130	154	89,450	1,233	90,683	...
OTHER.														
UNDER 1,000	97		97											
1,000 TO 1,999	4		4											
TOTAL	101		101				...	96		96				...
GRAND TOTALS ..	636	228	864	658,723	1,033	659,756	...	1,993	382	2,375	566,112	201,973	768,085	...

TABLE 11A. CARGO TONNAGE UPBOUND THROUGH THE SAULT STE. MARIE CANAL BY COMMODITY, ORIGIN AND DESTINATION.

NO.	COMMODITY	CANADA		UNITED STATES		UNITED KINGDOM	
		TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.
1	CRUDE MATERIALS, INEDIBLE.						
2	IRON ORE AND CONC.	2,240	-	-	-	-	-
3	COAL BITUMINOUS	-	-	17,000	-	-	-
4	SAND AND GRAVEL	700	-	-	-	-	-
5	LIMESTONE	-	-	3,511	-	-	-
6	STONE, CRUDE, NES	-	-	-	-	-	-
7	SALT	24,500	-	1,900	-	-	-
8	TOTAL	27,440	-	22,411	-	-	-
9	FABRICATED MATERIALS, INEDIBLE						
10	METALLIC SALTS	21,516	-	-	-	-	-
11	GASOLINE	42,228	-	-	19,562	-	-
12	FUEL OIL	142,249	-	13,264	20,432	-	-
13	LUBRICATING OIL, GREASE	1,505	-	-	-	-	-
14	COAL TAR, PITCH	-	-	2,675	-	-	-
15	PETROL. COAL PROD. NES	-	-	5,815	6,947	-	-
16	PRIMARY IRON, STEEL NES	10	-	-	-	-	-
17	PLATE & SHEET STEEL	-	-	420	-	-	-
18	STRUCTURAL SHAPES	251	-	-	-	-	-
19	TOTAL	207,759	-	22,174	46,941	-	-
20	END PRODUCTS, INEDIBLE.						
21	MACHINERY NES	3	-	-	-	-	-
22	RAILWAY ROLLING STOCKS	-	-	48	-	-	-
23	SHIPS, AIRCRAFT, MIS. VEH. .	12	-	-	-	-	-
24	TOTAL	15	-	48	-	-	-
25	MISCELLANEOUS FREIGHT N.E.S.						
26	MISC. END PRODUCTS	1,684	-	244	-	-	-
27	TOTAL	1,684	-	244	-	-	-
28	DOMESTIC PACKAGE FREIGHT						
29	DOMESTIC PACKAGE FRT.	330,370	-	17	-	-	-
30	TOTAL	330,370	-	17	-	-	-
31	GRAND TOTALS	567,268	-	44,894	46,941	-	-

TABLE 11B. CARGO TONNAGE DOWNBOUND THROUGH THE SAULT STE. MARIE CANAL BY COMMODITY, ORIGIN AND DESTINATION.

NO.	COMMODITY	CANADA TO						TOTAL
		CANADA	U.S.A.	UNITED KINGDOM	OTHER BRITISH COMMONWEALTH	OTHER EUROPE	OTHER COUNTRIES	
1	FOOD, FEED, BEVERAGES, TOBACCO							
2	BARLEY	43,864	9,969	-	-	-	-	53,833
3	OATS	2,955	-	-	80	-	428	3,463
4	RYE	76	-	-	-	-	-	76
5	WHEAT	17,642	-	-	-	-	-	17,642
6	CORN MEAL AND FLOUR	-	-	-	-	-	-	-
7	MALT AND MALT FLOUR	8,406	-	-	910	-	680	9,996
8	CEREALS, MILLED, NES	-	-	-	-	-	-	-
9	FEEDS OF BEG. ORIGIN	805	-	-	-	-	-	805
10	CONC. COMPLETE FEEDS	-	-	-	-	-	-	-
11	TOTAL	73,748	9,969	-	990	-	1,108	85,815
12	CRUDE MATERIALS, INEDIBLE.							
13	LOGS	-	1,300	-	-	-	-	1,300
14	PULPWOOD	-	14,283	-	-	-	-	14,283
15	SAND AND GRAVEL	88,150	-	-	-	-	-	88,150
16	TOTAL	88,150	15,583	-	-	-	-	103,733
17	FABRICATED MATERIALS, INEDIBLE							
18	PULP	-	132,157	-	-	-	-	132,157
19	NEWSPRINT PAPER	-	96,423	-	-	-	-	96,423
20	METALLIC SALTS	5,626	-	-	-	-	-	5,626
21	ORGANIC CHEMICALS NES	3,095	-	-	-	-	-	3,095
22	GASOLINE	-	-	-	-	-	-	-
23	FUEL OIL	-	-	-	-	-	-	-
24	PETROL. COAL PROD. NES	21,399	-	-	-	-	-	21,399

TABLE 11A. CARGO TONNAGE UPBOUND THROUGH THE SAULT STE. MARIE CANAL BY COMMODITY, ORIGIN AND DESTINATION.

OTHER BRITISH COMMONWEALTH		OTHER EUROPE		OTHER COUNTRIES		TOTAL		GRAND TOTAL	NO.
TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.		
-	-	-	-	-	-	2,240	-	2,240	1
-	-	-	-	-	-	17,000	-	17,000	2
-	-	-	-	-	-	700	-	700	3
-	-	-	358	-	-	3,511	-	3,511	4
-	-	-	-	-	-	-	358	358	5
-	-	-	-	-	-	26,400	-	26,400	6
-	-	-	358	-	-	49,851	358	50,209	7
-	-	-	-	-	-	21,516	-	21,516	8
-	-	-	-	-	-	42,228	19,562	61,790	9
-	-	-	-	-	-	155,513	20,432	175,945	10
-	-	-	-	-	-	1,505	-	1,505	11
-	-	-	-	-	-	2,675	-	2,675	12
-	-	-	-	-	-	5,815	6,947	12,762	13
-	-	295	-	-	-	10	-	10	14
-	-	-	-	-	-	715	-	715	15
-	-	-	-	-	-	251	-	251	16
-	-	295	-	-	-	230,228	46,941	277,169	17
-	-	-	-	-	-	3	-	3	18
-	-	-	-	-	-	48	-	48	19
-	-	-	-	-	-	12	-	12	20
-	-	-	-	-	-	63	-	63	21
-	-	-	-	-	-	1,928	-	1,928	22
-	-	-	-	-	-	1,928	-	1,928	23
-	-	-	-	-	-	330,387	-	330,387	24
-	-	-	-	-	-	330,387	-	330,387	25
-	-	295	358	-	-	612,457	47,299	659,756	26

TABLE 11B. CARGO TONNAGE DOWNBOUND THROUGH THE SAULT STE. MARIE CANAL BY COMMODITY, ORIGIN AND DESTINATION.

CANADA	U.S.A.	UNITED KINGDOM	UNITED STATES			TOTAL	GRAND TOTAL	NO.
			OTHER BRITISH COMMONWEALTH	OTHER EUROPE	OTHER COUNTRIES			
-	-	-	-	-	-	-	53,833	1
-	-	-	-	-	-	-	3,463	2
-	-	-	-	-	-	-	76	3
-	-	-	-	-	-	-	17,642	4
-	-	-	-	-	101	101	101	5
-	-	-	-	-	-	-	9,996	6
-	-	-	-	-	121	121	121	7
-	-	-	-	-	-	-	805	8
-	-	-	-	-	143	143	143	9
-	-	-	-	-	365	365	86,180	10
-	-	-	-	-	-	-	1,300	11
-	-	-	-	-	-	-	14,283	12
-	-	-	-	-	-	-	88,150	13
-	-	-	-	-	-	-	103,733	14
-	-	-	-	-	-	-	132,157	15
-	-	-	-	-	-	-	96,423	16
-	-	-	-	-	-	-	5,626	17
-	-	-	-	-	-	-	3,095	18
-	54,459	-	-	-	-	54,459	54,459	19
-	23,011	-	-	-	-	23,011	23,011	20
-	5,697	-	-	-	-	5,697	27,096	21

TABLE 11B. CARGO TONNAGE DOWNBOUND THROUGH THE SAULT STE. MARIE CANAL BY COMMODITY, ORIGIN AND DESTINATION.

NO.	COMMODITY	CANADA TO						TOTAL
		CANADA	U.S.A.	UNITED KINGDOM	OTHER BRITISH COMMONWEALTH	OTHER EUROPE	OTHER COUNTRIES	
25	PIG IRON	-	1,650	-	-	-	-	1,650
26	PRIMARY IRON, STEEL NES	3,160	4,937	-	-	-	-	8,097
27	CASTINGS, FORGINGS	6,766	472	-	-	-	-	7,238
28	BARs AND RODS, STEEL	155	2,427	-	-	-	-	2,582
29	PLATE & SHEET STEEL	6,922	7,808	-	-	-	-	14,730
30	STRUCTURAL SHAPES	5,058	309	-	-	-	-	5,367
31	RAILS AND TRACK MTL.	70	34	-	-	-	-	104
32	TOTAL	52,251	246,217	-	-	-	-	298,468
33	MISCELLANEOUS FREIGHT N.E.S.							
34	MISC. END PRODUCTS	-	77,216	-	-	-	-	77,216
35	TOTAL	-	77,216	-	-	-	-	77,216
36	DOMESTIC PACKAGE FREIGHT							
37	DOMESTIC PACKAGE FRT.	106,164	13,157	-	-	-	-	119,321
38	TOTAL	106,164	13,157	-	-	-	-	119,321
39	GRAND TOTALS	320,313	362,142	-	990	-	1,108	684,553

TABLE 118. CARGO TONNAGE DOWNBOUND THROUGH THE SAULT STE. MARIE CANAL BY COMMODITY, ORIGIN AND DESTINATION.

CANADA	U. S. A.	UNITED KINGDOM	UNITED STATES			TOTAL	GRAND TOTAL	NO.
			OTHER BRITISH COMMONWEALTH	OTHER EUROPE	OTHER COUNTRIES			
-	-	-	-	-	-	-	1,650	25
-	-	-	-	-	-	-	8,097	26
-	-	-	-	-	-	-	7,238	27
-	-	-	-	-	-	-	2,582	28
-	-	-	-	-	-	-	14,730	29
-	-	-	-	-	-	-	5,367	30
-	-	-	-	-	-	-	104	31
-	83,167	-	-	-	-	83,167	381,635	32
-	-	-	-	-	-	-	77,216	33
-	-	-	-	-	-	-	77,216	34
-	-	-	-	-	-	-	77,216	35
-	-	-	-	-	-	-	119,321	36
-	-	-	-	-	-	-	119,321	37
-	-	-	-	-	-	-	119,321	38
-	83,167	-	-	-	365	83,532	768,085	39

TABLE 12. Number and Tonnage of Vessels, Cargo Tonnage, and Number of Passengers Through the Lachine Canal, by Kind, and by Registry of Vessel

Kind and country of registry	Upbound							Downbound						
	Number of vessels			Net registered tonnage	Gross registered tonnage	Cargo tonnage	Number of passengers	Number of vessels			Net registered tonnage	Gross registered tonnage	Cargo tonnage	Number of passengers
	In ballast	With cargo	Total					In ballast	With cargo	Total				
Cargo:														
Canada	93	—	93	121,060	174,049	—	—	—	93	93	121,061	174,049	243,863	—
Totals.....	93	—	93	121,060	174,049	—	—	—	93	93	121,061	174,049	243,863	—
Scow or barge:														
Canada	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tug:														
Canada	10	—	10	10	883	—	—	9	—	9	9	637	—	—
Totals.....	10	—	10	10	883	—	—	9	—	9	9	637	—	—
Tug and dredge:														
Canada	6	3	9	2,845	2,845	556	—	11	1	12	3,560	3,560	251	—
Totals.....	6	3	9	2,845	2,845	556	—	11	1	12	3,560	3,560	251	—
Other:														
Canada	16	—	16	16	287	—	—	13	—	13	13	170	—	—
Totals.....	16	—	16	16	287	—	—	13	—	13	13	170	—	—
Lachine totals.....	125	3	128	123,932	178,064	556	—	33	94	127	124,643	178,416	244,114	—

TABLE 13. Number and Tonnage of Vessels Through the Lachine Canal, by Origin and Destination, by Registry of Vessel, and by Rig

Origin and destination and country of registry	Steam			Motor			Other			Total		
	Number of vessels	Net registered tonnage	Gross registered tonnage	Number of vessels	Net registered tonnage	Gross registered tonnage	Number of vessels	Net registered tonnage	Gross registered tonnage	Number of vessels	Net registered tonnage	Gross registered tonnage
Upbound:												
Canada to Canada:												
Canada	—	—	—	61	29,017	42,335	9	2,845	2,845	70	31,862	45,180
Canada to United States:												
Canada	—	—	—	58	92,070	132,884	—	—	—	58	92,070	132,884
Totals.....	—	—	—	119	121,087	175,219	9	2,845	2,845	128	123,932	178,064
Downbound:												
Canada to Canada:												
Canada	—	—	—	41	3,437	5,212	12	3,560	3,560	53	6,997	8,772
United States to Canada:												
Canada	—	—	—	74	117,646	169,644	—	—	—	74	117,646	169,644
Totals.....	—	—	—	115	121,083	174,856	12	3,560	3,560	127	124,643	178,416
Lachine totals.....	—	—	—	234	242,170	350,075	21	6,405	6,405	255	248,575	356,480

TABLE 14. Cargo Tonnage Through the Lachine Canal, by Commodity, and by Origin and Destination

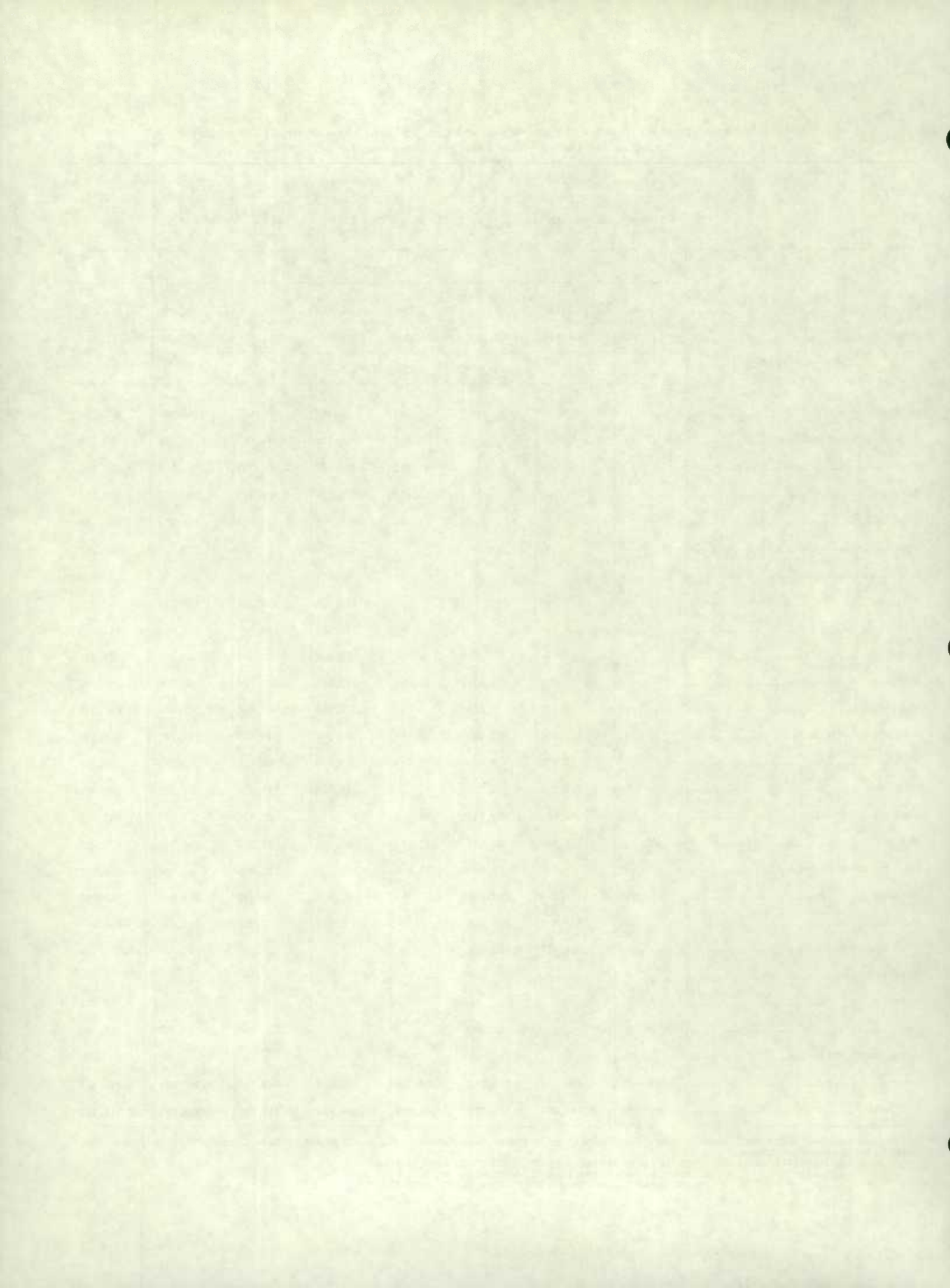
Commodity	Canada to Canada		United States to Canada		Other to Canada		Total	
	Upbound	Downbound	Upbound	Downbound	Upbound	Downbound	Upbound	Downbound
Coal bituminous, sub-bituminous and lignite	—	—	—	238,438	—	—	—	238,438
Lumber	—	5,425	—	—	—	—	—	5,425
Structural steel	—	—	—	—	—	—	—	—
Machinery	556	251	—	—	—	—	556	251
Totals.....	556	5,676	—	238,438	—	—	556	244,114

TABLE 15. Vessel Transits, Number of Passengers, and Cargo Tonnage by Commodity, Through the Canadian and United States Sault Ste. Marie Canals¹

	Upbound			Downbound			Grand total 1969	Grand total 1968
	Canadian Canal	United States Canal ²	Total	Canadian Canal	United States Canal ²	Total		
	Number							
Vessel transits	864	7,495	8,359	2,375	5,999	8,374	16,733	14,411
Passengers	11,123	176,044	187,167	181,768	15,655	197,423	384,590	337,355
	Cargo tonnage							
Paper and woodpulp	-	-	-	228,580	55,412	283,992	283,992	267,768
Pulpwood, lumber and logs	-	-	-	15,583	106	15,689	15,689	55,164
Wheat	-	-	-	17,642	7,943,157	7,960,799	7,960,799	8,430,960
Barley	-	-	-	53,833	1,515,034	1,568,867	1,568,867	1,062,382
Oats	-	-	-	3,463	420,711	424,174	424,174	469,456
Corn	-	-	-	-	622,229	622,229	622,229	480,787
Rye	-	-	-	76	90,874	90,950	90,950	125,961
Flaxseed	-	-	-	-	453,374	453,374	453,374	382,047
Soya beans	-	-	-	-	158,591	158,591	158,591	141,263
Flour	-	-	-	-	23,515	23,515	23,515	27,327
Mill products, screenings	-	12,024	12,024	11,065	442,661	453,726	465,750	297,195
Iron ore	2,240	2,000	4,240	-	74,579,648	74,579,648	74,583,888	65,681,543
Manufactured iron and steel	976	156,450	157,426	38,118	105,563	143,681	301,107	510,493
Pig iron	-	3,676	3,676	1,650	60,973	62,623	66,299	135,593
Scrap iron	-	10,708	10,708	-	217,038	217,038	227,746	107,381
Sand, gravel and stone	1,058	1,398,654	1,399,712	88,150	-	88,150	1,487,862	1,597,684
Fuel oil	175,945	427,819	603,764	23,011	61,584	84,595	688,359	579,026
Other petroleum products	16,942	-	16,942	27,096	-	27,096	44,038	8,526
Gasoline	61,790	192,284	254,074	54,459	52,981	107,440	361,514	318,818
Cement	-	359,046	359,046	-	6,050	6,050	365,096	362,980
Coal, bituminous	17,000	6,554,324	6,571,324	-	-	-	6,571,324	6,702,220
Coal, anthracite	-	-	-	-	-	-	-	-
Coke	-	-	-	-	-	-	-	2,081
Salt	26,400	-	26,400	-	-	-	26,400	15,700
Autos, trucks and parts	-	-	-	-	-	-	-	273
Other	357,405	617,309	974,714	205,359	535,351	740,710	1,715,424	1,579,553
Totals	659,756	9,734,294	10,394,050	768,085	87,344,852	88,112,937	98,506,987	89,342,181

¹ Data on United States traffic obtained from United States Corps of Engineers' preliminary "Statistical Report of Lake Commerce" for Sault Ste. Marie Canal for the season of navigation.

² Sault Ste. Marie, U.S. locks are: (1) Davis Locks - Length 1,350 ft., width 80 ft., depth 23.1 ft.
 (2) Sabin Locks - Length 1,350 ft., width 80 ft., depth 23.1 ft.
 (3) Mac Arthur Locks - Length 800 ft., width 80 ft., depth 31.0 ft.



SECTION V

CANSO AND OTHER CANADIAN CANALS

TABLE 1. Number and Tonnage of Vessels, Cargo Tonnage, and Number of Passengers Through the Canso Canal, by Kind, and by Registry of Vessel

Kind of vessel	Country of registry	Upbound						Downbound							
		Number of vessels			Net registered tonnage	Gross registered tonnage	Cargo tonnage	Number of passengers	Number of vessels			Net registered tonnage	Gross registered tonnage	Cargo tonnage	Number of passengers
		In ballast	With cargo	Total					In ballast	With cargo	Total				
Cargo	Canada	34	49	83	56,274	89,012	45,241	-	21	76	97	125,554	195,911	229,243	-
	United Kingdom	4	7	11	23,698	45,708	22,522	-	4	14	18	30,210	59,202	50,055	-
	Other	46	7	53	59,182	104,951	18,898	-	5	31	36	39,164	69,945	47,465	-
	Totals	84	63	147	139,154	239,671	86,661	-	30	121	151	194,928	325,058	326,763	-
Tanker	Canada	4	117	121	326,685	548,782	742,033	-	128	9	137	375,858	628,836	42,942	-
	United Kingdom	3	4	7	2,289	4,340	3,401	-	4	4	8	2,616	4,960	3,058	-
	Other	-	1	1	6,897	11,379	6,400	-	-	-	-	-	-	-	-
	Totals	7	122	129	335,871	564,501	751,834	-	132	13	145	378,474	633,796	46,000	-
Other	Canada	390	13	403	71,943	144,836	36,965	-	344	110	454	80,869	160,762	16,469	-
	United States	14	-	14	880	5,645	-	-	27	6	33	5,507	13,144	725	-
	United Kingdom	3	-	3	135	3,057	-	-	1	1	2	528	953	621	-
	Other	4	-	4	81	9,309	-	-	1	1	2	929	1,378	100	-
	Totals	411	13	424	73,039	162,847	36,965	-	373	118	491	87,833	176,237	17,915	-
	Grand totals	502	198	700	548,064	967,019	875,460	-	535	252	787	661,235	1,135,091	390,678	-

TABLE 2. Number and Tonnage of Vessels Through the Canso Canal, by Origin and Destination, by Registry of Vessel, and by Rig

Origin and destination	Country of registry	Steam			Motor			Other			Total		
		Number of vessels	Net registered tonnage	Gross registered tonnage	Number of vessels	Net registered tonnage	Gross registered tonnage	Number of vessels	Net registered tonnage	Gross registered tonnage	Number of vessels	Net registered tonnage	Gross registered tonnage
Upbound:													
Canada to Canada	Canada	7	6,774	13,626	564	406,783	714,297	21	21,891	22,676	592	435,418	750,596
	United States	-	-	-	5	231	698	-	-	-	5	231	698
	United Kingdom	-	-	-	11	7,339	14,605	-	-	-	11	7,339	14,605
	Other	-	-	-	16	14,911	28,827	-	-	-	16	14,911	28,827
Canada to United States	Canada	-	-	-	1	2,160	3,358	-	-	-	1	2,160	3,358
	United Kingdom	-	-	-	1	2,706	5,675	-	-	-	1	2,706	5,675
Canada to United Kingdom	Other	-	-	-	1	816	1,144	-	-	-	1	816	1,144
United States to Canada	Canada	-	-	-	8	7,711	13,131	-	-	-	8	7,711	13,131
	United States	-	-	-	4	188	4,057	-	-	-	4	188	4,057
	United Kingdom	1	4,223	7,969	4	625	12,232	-	-	-	5	8,848	20,201
	Other	-	-	-	33	33,025	64,786	-	-	-	33	33,025	64,786
United States to United States	United States	-	-	-	5	461	890	-	-	-	5	461	890
	Other	-	-	-	1	870	1,499	-	-	-	1	870	1,499
United States to other	United Kingdom	-	-	-	1	2,482	4,980	-	-	-	1	2,482	4,980
United Kingdom to Canada	Canada	-	-	-	2	708	1,354	-	-	-	2	708	1,354
	United Kingdom	-	-	-	2	2,134	3,256	-	-	-	2	2,134	3,256
Other to Canada	Canada	-	-	-	3	6,637	10,578	-	-	-	3	6,637	10,578
	United Kingdom	-	-	-	1	2,613	4,388	-	-	-	1	2,613	4,388
	Other	1	6,897	11,379	6	9,641	18,004	-	-	-	7	16,538	29,383
Other to United States	Canada	-	-	-	1	2,238	3,610	-	-	-	1	2,238	3,610
	Totals	9	17,894	32,974	670	508,279	911,369	21	21,891	22,676	700	548,064	967,019
Downbound:													
Canada to Canada	Canada	12	17,628	30,428	630	517,250	892,357	24	26,330	27,418	666	561,208	950,203
	United States	-	-	-	7	272	1,133	-	-	-	7	272	1,133
	United Kingdom	-	-	-	20	21,386	42,521	-	-	-	20	21,386	42,521
	Other	-	-	-	11	12,632	22,513	-	-	-	11	12,632	22,513
Canada to United States	Canada	-	-	-	11	11,947	19,653	-	-	-	11	11,947	19,653
	United States	-	-	-	9	1,456	2,145	3	3,021	3,021	12	4,477	5,166
	United Kingdom	-	-	-	2	1,427	2,662	-	-	-	2	1,427	2,662
	Other	-	-	-	8	10,178	17,593	-	-	-	8	10,178	17,593
Canada to United Kingdom	Canada	-	-	-	3	2,003	3,249	-	-	-	3	2,003	3,249
	United Kingdom	-	-	-	2	3,965	7,785	-	-	-	2	3,965	7,785
	Other	-	-	-	4	2,156	3,550	-	-	-	4	2,156	3,550
Canada to other	Canada	-	-	-	8	7,123	12,404	-	-	-	8	7,123	12,404
	United Kingdom	-	-	-	4	6,576	12,147	-	-	-	4	6,576	12,147
	Other	1	1,064	1,953	14	14,063	25,714	-	-	-	15	15,127	27,487
United States to United States	United States	-	-	-	14	758	6,845	-	-	-	14	758	6,845
	Totals	13	18,692	32,381	747	613,192	1,072,271	27	29,351	30,439	787	661,235	1,135,091
	Grand totals	22	36,586	65,355	1,417	1,121,471	1,983,640	48	51,242	53,115	1,487	1,209,299	2,102,110

TABLE 3. Cargo Tonnage Through the Canso Canal, by Commodity and by Origin and Destination

Commodity	Canada to Canada		Canada to United States		Canada to other Countries		United States to Canada		Other countries to United States		Other countries to Canada		Total	
	Up-bound	Down-bound	Up-bound	Down-bound	Up-bound	Down-bound	Up-bound	Down-bound	Up-bound	Down-bound	Up-bound	Down-bound	Up-bound	Down-bound
	tons													
Fish, fresh, chilled or frozen	1,265	12,438	-	3,826	-	-	-	-	-	-	-	-	1,265	16,264
Lobster	23	-	-	-	-	-	-	-	-	-	-	-	23	-
Barley	-	24,610	-	-	-	-	-	-	-	-	-	-	-	24,610
Oats	-	3,535	-	-	-	-	-	-	-	-	-	-	-	3,535
Wheat	-	175,816	-	-	-	-	-	-	-	-	-	-	-	175,816
Malt and malt flour	-	2,984	-	-	-	-	-	-	-	-	-	-	-	2,984
Potatoes	-	2,467	-	3,400	-	23,223	-	-	-	-	-	-	-	29,090
Vegetables, fresh or chilled, n.e.s.....	-	150	-	-	-	-	-	-	-	-	-	-	-	150
Raw sugar	-	-	-	-	-	-	-	-	-	-	3,352	-	3,352	-
Miscellaneous foods, food materials and food preparations, n.e.s.	-	-	-	-	150	670	-	-	-	-	-	-	150	670
Ground cereals and by-products, n.e.s.	-	125	-	-	-	-	-	-	-	-	-	-	-	125
Raw hides and skins and undressed fur skins	-	10	-	-	-	-	-	-	-	-	-	-	-	10
Pulpwood	-	1,426	-	-	-	1,790	-	-	-	-	-	-	-	3,216
Slags, drosses and other by-products	-	-	-	-	-	27,078	-	-	-	-	-	-	-	27,078
Asbestos, unmanufactured, crude and fibre	-	-	-	-	-	5,775	-	-	-	-	-	-	-	5,775
Sand and gravel	-	-	-	-	-	-	-	-	-	2,695	-	-	2,695	-
Fluorspar	-	-	-	-	-	-	10,993	-	-	16,077	-	-	27,070	-
Gypsum	12,622	-	-	-	-	-	-	-	-	-	-	-	12,622	-
Phosphate rock	-	-	-	-	-	-	5,636	-	-	-	-	-	5,636	-
Sulphur in ores, crude and refined	-	-	-	-	-	-	4,088	-	-	-	-	-	4,088	-
Lumber and timber	5	-	-	-	-	-	-	-	-	-	-	-	5	-
Pulp	-	1,375	3,055	-	-	-	-	-	-	-	-	-	3,055	1,375
Newsprint paper	-	-	-	17,745	555	4,007	-	-	-	-	-	-	555	21,752
Paper, nes	-	-	-	-	-	-	520	-	-	-	-	-	520	-
Paperboard	-	-	-	-	-	-	843	-	-	-	-	-	843	-
Metallic salts and peroxysalts, of inorganic acids	-	-	-	-	-	-	1,232	-	-	-	-	-	1,232	-
Fertilizers and fertilizer materials, n.e.s.	-	1,155	-	-	-	-	-	-	7,665	-	-	-	7,665	1,155
Gasoline	264,144	23,879	2,897	-	-	-	-	-	-	-	-	-	267,041	23,879
Fuel oil	494,502	18,095	-	-	-	-	-	-	-	6,400	-	-	500,902	18,095
Coal tar and coal pitch	-	-	-	3,500	-	-	-	-	-	-	-	-	-	3,500
Petroleum and coal products, n.e.s.	19,591	1,806	-	-	-	-	-	-	-	-	-	-	19,591	1,806
Structural shapes and sheet piling	-	-	-	2,000	-	-	-	-	-	-	-	-	-	2,000
Pipes and tubes, iron and steel	-	200	-	-	-	-	-	-	-	-	-	-	-	200
Metal fabricated basic products	-	1,500	-	62	-	-	-	-	-	-	-	-	-	1,562
Cement	-	85	-	-	-	-	-	-	-	-	-	-	-	85
Machinery, n.e.s.	-	285	-	-	-	-	-	-	-	-	235	-	235	285
Containers and closures	-	23	-	-	-	-	-	-	-	-	-	-	-	23
Miscellaneous end products, inedible, n.e.s.	3,540	1,798	6,944	-	-	23,840	-	-	-	-	6,431	-	16,915	25,638
Totals	795,692	273,762	12,896	30,533	705	86,383	23,312	-	7,665	-	35,190	-	875,460	390,678

TABLE 4. Number and Tonnage of Vessels, Cargo Tonnage, and Number of Passengers Through Other Canals, by Kind, and by Registry of Vessel

Kind of vessel by canal	Country of registry	Upbound						Downbound							
		Number of vessels			Net registered tonnage	Gross registered tonnage	Cargo tonnage	Number of passenger	Number of vessels			Net registered tonnage	Gross registered tonnage	Cargo tonnage	Number of passenger
		In ballast	With cargo	Total					In ballast	With cargo	Total				
Murray:															
Passenger - Cargo	Canada	1	-	1	74	109	-	-	-	-	-	-	-	-	-
Other	Canada	47	-	47	564	902	-	-	48	1	49	627	1,045	30	-
Totals		48	-	48	638	1,011	-	-	48	1	49	627	1,045	30	-
Ottawa River:															
Passenger - Cargo	Canada	5	-	5	240	375	-	179	5	-	5	240	375	-	179
Other	Canada	32	2	34	4,403	7,132	671	-	28	2	30	3,051	5,086	25	-
Totals		37	2	39	4,643	7,507	671	179	33	2	35	3,291	5,461	25	179
Richelieu:															
Cargo	Canada	26	78	104	19,508	26,198	15,560	-	75	28	103	19,357	25,703	3,222	-
Other	Canada	22	-	22	1,010	1,146	-	-	22	-	22	1,014	1,149	-	-
Cargo	United States	1	-	1	71	98	-	38	-	-	-	-	-	-	-
Totals		49	78	127	20,589	27,442	15,560	38	97	28	125	20,371	26,852	3,222	-
Rideau:															
Other	Canada	4	-	4	224	430	-	-	4	-	4	188	345	-	-
St-Andrew's:															
Passenger - Cargo	Canada	46	30	76	18,279	21,921	592	5,924	46	33	79	18,936	22,722	1,473	5,510
Other	Canada	62	-	62	2,103	2,566	-	287	59	-	59	1,436	1,748	-	279
Totals		108	30	138	20,382	24,487	592	6,211	105	33	138	20,372	24,470	1,473	5,789
St Peter's:															
Cargo	Canada	1	3	4	374	593	430	-	2	5	7	390	647	460	-
Other	Canada	145	1	146	3,417	6,423	50	-	125	4	129	3,740	7,187	14	-
Other	United States	4	-	4	133	169	-	-	3	-	3	126	161	-	-
Other	United Kingdom	1	-	1	28	40	-	-	1	-	1	28	40	-	-
Totals		151	4	155	3,952	7,225	480	-	131	9	140	4,284	8,035	474	-
Trent:															
Passenger - Cargo	Canada	179	-	179	179	3,580	-	5,997	179	-	179	179	3,580	-	5,997
Other	Canada	-	12	12	14,076	20,676	22	-	-	15	15	17,595	25,845	40	-
Totals		179	12	191	14,255	24,256	22	5,997	179	15	194	17,774	29,425	40	5,997
Grand totals		576	126	702	64,683	92,358	17,325	12,425	597	88	685	66,907	95,633	5,264	11,965

TABLE 5. Number and Tonnage of Vessels Through Other Canals, by Origin and Destination, by Registry of Vessel and by Rig

Origin and destination by canal and direction	Country of registry	Steam			Motor			Other			Total			
		Number of vessels	Net registered tonnage	Gross registered tonnage	Number of vessels	Net registered tonnage	Gross registered tonnage	Number of vessels	Net registered tonnage	Gross registered tonnage	Number of vessels	Net registered tonnage	Gross registered tonnage	
Upbound														
Murray:														
Canada to Canada	Canada	-	-	-	48	638	1,011	-	-	-	48	638	1,011	-
Ottawa River:														
Canada to Canada	Canada	-	-	-	33	3,077	5,941	6	1,566	1,566	39	4,643	7,507	-
Richelieu River:														
Canada to Canada	Canada	-	-	-	49	5,334	8,527	-	-	-	49	5,334	8,527	-
Canada to United States	Canada	-	-	-	77	15,184	18,817	-	-	-	77	15,184	18,817	-
Canada to United States	United States	-	-	-	1	71	98	-	-	-	1	71	98	-
Totals		-	-	-	127	20,589	27,442	-	-	-	127	20,589	27,442	-
Rideau:														
Canada to Canada	Canada	-	-	-	4	224	430	-	-	-	4	224	430	-
St. Andrew's:														
Canada to Canada	Canada	-	-	-	137	20,082	24,187	1	300	300	138	20,382	24,487	-
St. Peter's:														
Canada to Canada	Canada	-	-	-	142	3,448	6,673	8	343	343	150	3,791	7,016	-
Canada to Canada	United States	-	-	-	3	113	129	-	-	-	3	113	129	-
Canada to Canada	United Kingdom	-	-	-	1	28	40	-	-	-	1	28	40	-
United States to Canada	United States	-	-	-	1	20	40	-	-	-	1	20	40	-
Totals		-	-	-	147	3,609	6,882	8	343	343	155	3,952	7,225	-
Trent:														
Canada to Canada	Canada	-	-	-	191	14,255	24,256	-	-	-	191	14,255	24,256	-
Totals		-	-	-	687	62,474	90,149	15	2,209	2,209	702	64,683	92,358	-

TABLE 5. Number and Tonnage of Vessels Through Other Canals, by Origin and Destination, by Registry of Vessel and by Rig - Concluded

Origin and destination by canal and direction	Country of registry	Steam			Motor			Other			Total		
		Number of vessels	Net registered tonnage	Gross registered tonnage	Number of vessels	Net registered tonnage	Gross registered tonnage	Number of vessels	Net registered tonnage	Gross registered tonnage	Number of vessels	Net registered tonnage	Gross registered tonnage
Downbound													
Murray:													
Canada to Canada	Canada	-	-	-	49	627	1,045	-	-	-	49	627	1,045
Ottawa River:													
Canada to Canada	Canada	-	-	-	31	2,496	4,666	4	795	795	35	3,291	5,461
Richelieu River:													
Canada to Canada	Canada	-	-	-	49	5,338	8,329	-	-	-	49	5,338	8,329
United States to Canada	Canada	-	-	-	76	15,033	18,523	-	-	-	76	15,033	18,523
Totals		-	-	-	125	20,371	26,852	-	-	-	125	20,371	26,852
Rideau:													
Canada to Canada	Canada	-	-	-	4	188	345	-	-	-	4	188	345
St. Andrew's:													
Canada to Canada	Canada	-	-	-	137	20,072	24,170	1	300	300	138	20,372	24,470
St. Pete's:													
Canada to Canada	Canada	1	25	82	126	3,559	7,203	8	533	533	135	4,117	7,818
Canada to Canada	United States	-	-	-	2	106	121	-	-	-	2	106	121
Canada to Canada	United Kingdom	-	-	-	1	28	40	-	-	-	1	28	40
Canada to United States	Canada	-	-	-	1	13	16	-	-	-	1	13	16
Canada to United States	United States	-	-	-	1	20	40	-	-	-	1	20	40
Totals		1	25	82	131	3,726	7,420	8	533	533	140	4,284	8,035
Trent:													
Canada to Canada	Canada	-	-	-	194	17,774	29,425	-	-	-	194	17,774	29,425
Totals		1	25	82	671	65,254	93,923	13	1,628	1,628	685	66,907	95,633
Grand totals		1	25	82	1,358	127,728	184,072	28	3,837	3,837	1,387	131,590	187,991

TABLE 6. Cargo Tonnage Through Other Canals, Upbound and Downbound, by Commodity

Commodity	Murray		Ottawa River		Richelieu River		Rideau		St. Andrew's		St. Peter's		Trent		Total	
	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down	Up	Down
Fish, fresh, chilled or frozen	-	-	-	-	-	-	-	-	456	-	-	224	-	-	456	224
Fish, smoked, salted, dried or pickled	-	-	-	-	-	-	-	-	-	-	240	-	-	-	-	240
Milk powder	-	-	-	-	-	-	-	-	5	-	-	-	-	-	5	-
Wheat flour	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-	25
Potatoes	-	-	-	-	-	-	-	-	-	-	270	-	-	-	270	-
Vegetables, fresh or chilled, n.e.s.	-	-	-	-	-	-	-	-	-	-	20	-	-	-	20	-
Vegetables and vegetable preparations, n.e.s.	-	-	-	-	-	-	-	-	-	-	140	-	-	-	140	-
Miscellaneous foods, food materials and food preparations, n.e.s.	-	-	-	-	-	-	-	-	5	549	-	-	-	-	5	549
Hay, forage and straw	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	3
Newsprint paper	-	-	-	-	15,527 ¹	-	-	-	-	-	-	-	-	-	15,527	-
Paperboard	-	-	-	-	-	7 ²	-	-	-	-	-	-	-	-	-	7
Explosives, fuses and caps	-	-	-	-	33	3,215	-	-	-	-	-	-	-	-	33	3,215
Gasoline	-	-	-	-	-	-	-	-	-	789	-	-	12	21	12	810
Fuel oil	-	-	-	-	-	-	-	-	-	65	-	-	10	19	10	84
Structural shapes and sheet piling	-	-	671	-	-	-	-	-	-	-	-	-	-	-	671	-
Machinery, n.e.s.	-	30	-	-	-	-	-	-	-	-	-	-	-	-	-	30
Equipment	-	-	-	25	-	-	-	-	-	-	-	10	-	-	-	35
Containers and closures	-	-	-	-	-	-	-	-	126	42	-	-	-	-	126	42
Miscellaneous end products, inedible, n.e.s.	-	-	-	-	-	-	-	-	-	-	50	-	-	-	50	-
Totals	-	30	671	25	15,560	3,222	-	-	592	1,473	480	474	22	40	17,325	5,264
Passengers	-	-	179	179	38	-	-	-	6,211	5,789	-	-	5,997	5,997	12,425	11,965

¹ Tonnage loaded for U.S. ports.

² Tonnage unloaded from U.S. ports.

APPENDIX A
HISTORICAL SUMMARY, 1960-69
St. Lawrence Seaway Canals

Canal direction and registry of vessel	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
St. Lawrence Canals¹										
Vessel transits:										
Upbound:										
Canada	4, 158	3, 441	2, 584	2, 436	2, 433	2, 019	2, 532	1, 998	1, 984	1, 842
United States	631	366	356	248	335	353	201	310	216	248
United Kingdom ²	333	424	462	343	386	452	316	306	243	278
Other foreign	891	875	886	821	981	1, 059	1, 101	1, 025	994	979
Totals	6, 013	5, 106	4, 288	3, 848	4, 135	3, 883	4, 150	3, 639	3, 437	3, 347
Downbound:										
Canada	4, 178	3, 442	2, 827	2, 425	2, 543	2, 052	2, 506	1, 978	1, 984	1, 823
United States	629	387	359	262	348	382	222	335	238	270
United Kingdom ²	332	432	462	344	296	464	310	294	237	273
Other foreign	888	890	895	831	1, 056	1, 087	1, 096	1, 030	1, 001	971
Totals	6, 027	5, 151	4, 543	3, 862	4, 243	3, 985	4, 134	3, 637	3, 460	3, 337
Grand totals	12, 040	10, 257	8, 831	7, 710	8, 378	7, 868	8, 284	7, 276	6, 897	6, 684
Registered net tons:										
Upbound:										
Canada	4, 614, 030	5, 589, 350	5, 555, 742	6, 847, 459	7, 362, 725	7, 864, 293	10, 358, 083	9, 752, 621	10, 467, 984	8, 762, 387
United States	520, 540	269, 380	494, 527	684, 956	1, 068, 076	701, 834	706, 659	894, 583	813, 700	202, 661
United Kingdom ²	987, 579	1, 316, 171	1, 366, 560	1, 371, 721	1, 589, 815	1, 935, 090	1, 207, 785	1, 175, 924	969, 132	1, 086, 766
Other foreign	2, 583, 006	2, 593, 124	2, 814, 194	2, 652, 383	3, 402, 425	3, 900, 083	4, 416, 565	4, 056, 572	4, 525, 232	4, 584, 568
Totals	8, 705, 155	9, 768, 025	10, 231, 023	11, 556, 519	13, 423, 041	14, 401, 300	16, 689, 092	15, 879, 700	16, 776, 048	14, 636, 380
Downbound:										
Canada	4, 532, 602	5, 508, 151	5, 637, 593	6, 803, 604	7, 378, 564	7, 853, 932	10, 327, 101	9, 706, 596	10, 486, 901	8, 701, 943
United States	527, 828	296, 551	504, 350	689, 388	1, 061, 269	683, 814	718, 615	928, 132	850, 977	233, 656
United Kingdom ²	971, 340	1, 330, 289	1, 363, 849	1, 372, 759	1, 601, 211	1, 975, 924	1, 177, 971	1, 144, 873	949, 004	1, 071, 518
Other foreign	2, 596, 680	2, 630, 189	2, 851, 098	2, 716, 127	3, 372, 502	3, 977, 753	4, 418, 308	4, 110, 873	4, 548, 718	4, 554, 648
Totals	8, 628, 450	9, 765, 180	10, 356, 890	11, 581, 878	13, 413, 546	14, 491, 423	16, 641, 995	15, 890, 474	16, 835, 600	14, 651, 765
Grand totals	17, 333, 605	19, 533, 205	20, 587, 913	23, 138, 397	26, 836, 587	28, 892, 723	33, 331, 087	31, 770, 174	33, 611, 648	29, 288, 145
Cargo tons:										
Upbound:										
Canada	5, 610, 185	5, 585, 557	7, 006, 988	8, 398, 216	12, 097, 966	13, 439, 212	18, 110, 438	18, 567, 081	20, 394, 228	15, 398, 243
United States	308, 849	189, 285	441, 045	1, 304, 277	2, 261, 505	1, 316, 474	1, 415, 585	1, 810, 482	1, 823, 701	174, 338
United Kingdom ²	1, 034, 710	1, 139, 442	1, 459, 496	1, 582, 221	1, 620, 333	2, 655, 758	1, 246, 647	1, 282, 241	1, 277, 984	1, 478, 371
Other foreign	1, 910, 581	1, 333, 953	2, 041, 140	2, 374, 369	2, 636, 322	4, 763, 283	4, 925, 371	5, 046, 145	6, 910, 190	5, 413, 957
Totals	8, 864, 325	8, 248, 237	10, 948, 669	13, 659, 083	18, 616, 126	22, 174, 727	25, 698, 041	26, 705, 949	30, 406, 103	22, 464, 909
Downbound:										
Canada	5, 855, 170	8, 801, 205	7, 690, 684	10, 697, 139	11, 637, 726	11, 365, 651	15, 195, 168	9, 672, 687	10, 062, 513	10, 455, 272
United States	244, 272	337, 203	518, 187	649, 302	1, 082, 419	663, 229	378, 016	206, 321	242, 005	121, 812
United Kingdom ²	1, 654, 228	1, 935, 888	2, 036, 230	1, 998, 712	2, 688, 569	3, 162, 276	1, 597, 412	1, 405, 990	1, 111, 421	1, 349, 470
Other foreign	4, 134, 166	4, 350, 292	4, 554, 051	4, 160, 096	5, 415, 333	6, 012, 780	6, 711, 408	6, 010, 571	6, 123, 859	6, 675, 903
Totals	11, 887, 836	15, 424, 588	14, 799, 152	17, 505, 249	20, 824, 047	21, 203, 936	23, 882, 004	17, 295, 569	17, 539, 798	18, 602, 457
Grand totals	20, 752, 161	23, 672, 825	25, 747, 821	31, 164, 332	39, 440, 173	43, 378, 663	49, 580, 045	44, 001, 518	47, 945, 901	41, 067, 366
Season of navigation:										
First vessel passage	April 18	April 11	April 23	April 15	April 8	April 8	April 1	April 1	April 8	April 7
Last vessel passage	Dec. 3	Nov. 30	Dec. 7	Dec. 13	Dec. 7	Dec. 17	Dec. 15	Dec. 15	Dec. 14	Dec. 10

See footnotes on page 90.

Historical Summary, 1960-69 - Continued
St. Lawrence Seaway Canals - Continued

Canal direction and registry of vessel	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Welland Canal										
Vessel transits:										
Upbound:										
Canada	2,446	2,356	2,114	2,192	2,156	2,156	2,608	2,082	2,086	2,098
United States	664	508	639	574	443	356	338	414	341	233
United Kingdom ²	261	440	477	454	635	702	399	342	324	285
Other foreign	765	800	805	735	893	923	968	857	863	819
Totals	4,136	4,104	4,035	3,955	4,127	4,137	4,313	3,695	3,614	3,435
Downbound:										
Canada	2,362	2,296	2,048	2,180	2,170	2,154	2,616	2,080	2,088	2,101
United States	631	543	651	539	426	384	386	465	373	264
United Kingdom ²	269	443	473	440	659	708	402	332	319	288
Other foreign	771	819	829	756	895	969	977	883	879	825
Totals	4,033	4,101	4,001	3,915	4,150	4,215	4,381	3,760	3,659	3,478
Grand totals	8,169	8,205	8,036	7,870	8,277	8,352	8,694	7,455	7,273	6,913
Registered net tons:										
Upbound:										
Canada	7,985,140	9,016,598	8,869,606	10,793,493	10,869,281	11,441,013	14,420,038	13,262,975	14,476,700	14,937,773
United States	1,081,348	773,615	1,302,764	1,160,545	1,517,840	1,063,005	1,074,961	1,355,213	1,182,983	505,557
United Kingdom ²	916,379	1,763,584	1,961,284	2,082,066	3,021,952	3,331,018	1,891,424	1,542,691	1,507,108	1,293,573
Other foreign	2,014,373	2,287,643	2,540,868	2,311,179	3,074,160	3,332,924	3,873,761	3,353,288	4,040,041	3,953,579
Totals	11,997,240	13,841,440	14,674,522	16,347,283	18,483,233	19,167,960	21,260,184	19,514,167	21,206,832	20,690,482
Downbound:										
Canada	7,853,010	8,818,938	8,701,833	10,703,814	10,947,524	11,453,418	14,505,049	13,283,237	14,580,706	14,941,616
United States	1,078,993	821,354	1,271,856	1,147,719	1,501,444	1,056,849	1,137,791	1,448,104	1,246,396	557,607
United Kingdom ²	926,891	1,702,171	1,920,027	1,994,464	3,104,124	3,357,667	1,910,368	1,516,913	1,486,479	1,302,082
Other foreign	2,051,355	2,375,972	2,614,527	2,431,798	3,104,733	3,511,691	3,945,402	3,481,882	4,093,468	3,977,322
Totals	11,910,249	13,718,435	14,508,243	16,277,795	18,657,825	19,379,535	21,498,610	19,730,136	21,407,049	20,778,627
Grand totals	23,907,489	27,559,875	29,182,765	32,625,078	37,141,058	38,547,495	42,758,794	39,244,303	42,613,881	41,469,109
Cargo tons:										
Upbound:										
Canada	5,776,293	5,098,397	7,075,866	8,292,042	11,959,424	12,178,658	15,866,025	15,102,150	16,542,516	12,902,128
United States	855,226	539,217	1,079,748	1,640,628	2,533,381	1,560,205	1,633,996	2,238,660	2,119,020	380,289
United Kingdom ²	791,772	1,126,378	1,437,571	1,628,626	2,266,853	2,913,717	1,322,503	1,432,427	1,782,402	1,869,071
Other foreign	976,432	880,660	1,323,185	1,617,205	1,795,342	3,321,546	3,622,298	3,598,939	5,780,249	4,210,047
Totals	8,399,723	7,644,652	10,916,370	13,178,501	18,555,000	19,974,126	22,444,822	22,372,176	26,224,187	19,361,535
Downbound:										
Canada	14,191,374	15,936,884	15,511,826	19,634,956	20,415,231	20,427,764	26,069,096	21,427,390	22,956,372	25,473,053
United States	1,338,914	1,261,462	1,767,181	1,462,156	1,974,622	1,442,889	1,118,890	1,101,226	848,102	675,557
United Kingdom ²	1,610,708	2,579,610	3,099,075	3,338,079	5,434,501	5,840,045	3,027,255	2,288,185	2,264,712	1,778,658
Other foreign	3,740,018	3,981,762	4,216,157	3,711,837	5,037,028	5,751,772	6,477,252	5,661,477	5,811,421	6,284,497
Totals	20,881,014	23,759,718	24,594,239	28,147,028	32,861,382	33,462,470	36,692,493	30,478,278	31,880,607	34,211,765
Grand totals	29,280,737	31,404,370	35,510,609	41,325,529	51,416,382	53,436,596	59,137,315	52,850,454	58,104,794	53,573,300
Season of navigation:										
First vessel passage	April 1	April 1	April 1	April 7	March 30	April 1	April 4	April 1	April 1	April 1
Last vessel passage	Dec. 15	Dec. 15	Dec. 15	Dec. 18	Dec. 15	Dec. 16	Dec. 15	Dec. 16	Dec. 22	Dec. 22

See footnote on page 90.

Historical Summary, 1960 - 69 - Continued
St. Lawrence Seaway Canals - Concluded

Canal direction and registry of vessel	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Sault Ste. Marie Canal										
Vessel transits:										
Upbound:										
Canada	1,331	1,150	899	877	938	1,140	916	693	626	753
United States	113	121	137	111	88	134	117	95	69	101
United Kingdom ²	40	50	8	6	9	42	4	6	3	2
Other foreign	46	31	31	5	6	22	13	17	11	8
Totals	1,530	1,352	1,075	999	1,041	1,338	1,050	811	709	864
Downbound:										
Canada	1,055	882	782	844	769	972	1,113	1,003	888	1,037
United States	2,232	1,215	1,272	1,206	1,242	1,162	1,256	1,219	1,022	1,332
United Kingdom ²	21	18	11	1	7	4	-	-	1	-
Other foreign	17	6	10	-	3	8	1	2	3	6
Totals	3,325	2,121	2,075	2,051	2,021	2,146	2,370	2,224	1,914	2,375
Grand totals	4,855	3,473	3,150	3,050	3,062	3,484	3,420	3,035	2,623	3,239
Registered net tons:										
Upbound:										
Canada	1,815,064	1,733,304	1,169,023	992,176	1,455,474	1,777,410	1,811,176	1,351,594	1,001,285	1,311,599
United States	116,627	156,698	177,555	96,768	72,521	226,218	125,593	84,337	45,477	73,638
United Kingdom ²	90,719	140,819	23,182	20,357	47,397	183,778	11,559	15,097	7,942	4,918
Other foreign	111,846	87,769	69,455	12,370	8,897	56,248	29,120	26,284	17,778	13,039
Totals	2,134,256	2,118,590	1,439,219	1,121,671	1,584,289	2,243,654	1,977,448	1,477,312	1,072,482	1,403,192
Downbound:										
Canada	1,035,640	890,089	884,201	878,812	915,561	1,290,188	1,237,690	948,314	777,477	956,846
United States	314,074	184,050	271,052	200,712	230,046	223,411	202,873	211,216	129,402	139,417
United Kingdom ²	21,222	17,125	10,517	4,584	37,853	16,456	-	-	2,456	-
Other foreign	20,059	10,363	14,556	-	3,098	11,213	1,465	3,246	3,448	9,688
Totals	1,390,995	1,101,627	1,180,326	1,084,108	1,186,558	1,541,268	1,442,028	1,162,776	912,783	1,105,951
Grand totals	3,525,251	3,220,217	2,619,545	2,205,779	2,770,847	3,784,922	3,419,476	2,640,088	1,985,265	2,509,143
Cargo tons:										
Upbound:										
Canada	600,864	429,458	320,135	182,517	344,038	481,192	490,574	377,795	465,101	612,162
United States	114,753	25,774	28,355	18,068	44,517	44,262	40,981	51,542	23,499	46,941
United Kingdom ²	6,794	9,981	3,858	129	-	5,409	-	-	-	-
Other foreign	5,245	2,561	4,884	-	2,019	12,409	4,115	543	2,026	653
Totals	727,656	467,774	357,232	200,714	390,574	543,272	535,670	429,880	490,626	659,756
Downbound:										
Canada	963,511	655,884	722,488	589,883	530,951	840,059	714,523	527,674	493,151	686,907
United States	8,533	4,810	15,155	19,408	42,711	4,518	28,674	14,780	43,338	78,715
United Kingdom ²	14,389	9,495	-	-	-	2,923	-	-	652	-
Other foreign	6,533	2,987	12,254	-	2,401	16,137	849	-	1,574	2,463
Totals	992,966	673,176	749,897	609,291	576,063	863,637	744,046	542,454	538,715	768,085
Grand totals	1,720,622	1,140,950	1,107,129	810,005	966,637	1,406,909	1,279,716	972,334	1,029,341	1,427,841
Season of navigation:										
First vessel passage	April 4	April 11	April 3	April 4	April 13	April 1	April 1	April 8	April 6	April 12
Last vessel passage	Dec. 12	Dec. 12	Dec. 12	Nov. 30	Dec. 12	Dec. 12	Dec. 15	Dec. 12	Dec. 15	Dec. 15

See footnotes on page 90.

Historical summary, 1960-69 - Continued
Other Canadian Canals

Canal direction and registry of vessel	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Canso Canal										
Vessel transit:										
Up.....	609	589	574	518	672	629	639	557	585	700
Down.....	619	591	565	562	695	829	703	614	636	787
Totals.....	1,228	1,180	1,139	1,080	1,367	1,458	1,342	1,171	1,221	1,487
Registered net tons:										
Up.....	374,478	346,282	488,870	543,376	580,851	461,800	485,143	435,474	457,004	548,064
Down.....	389,968	352,542	485,477	557,696	657,035	627,246	588,582	470,829	559,038	661,235
Totals.....	764,446	698,824	974,347	1,101,072	1,237,886	1,089,046	1,073,725	906,303	1,016,042	1,209,299
Cargo tons:										
Up.....	606,339	495,540	747,530	744,342	865,158	708,352	793,653	656,954	814,488	875,460
Down.....	197,037	206,857	363,112	460,194	480,124	374,053	365,672	259,889	355,054	390,678
Totals.....	803,376	702,397	1,110,642	1,204,536	1,345,282	1,082,405	1,159,325	916,843	1,169,542	1,266,138
Season of navigation:										
First vessel passage.....	April 17	May 12	April 16	April 17	April 13	April 20	April 1	May 5	April 7	April 1
Last vessel passage.....	Jan. 16/61	Dec. 31	Feb.9/63	Dec. 27	Dec. 30	Dec. 31	Dec. 31	Dec. 12	Dec. 31	Dec. 31
Murray Canal										
Vessel transits:										
Up.....	113	98	96	60	34	40	41	136	65	48
Down.....	81	107	85	68	33	42	41	141	63	49
Totals.....	194	205	181	128	67	82	82	277	128	97
Registered net tons:										
Up.....	17,171	8,407	7,031	2,169	978	1,277	1,174	1,538	1,121	638
Down.....	2,012	4,452	5,464	2,134	651	1,818	738	1,574	1,431	627
Totals.....	19,183	12,859	12,495	4,303	1,629	3,095	1,912	3,112	2,552	1,265
Cargo tons:										
Up.....	130	500	350	-	-	-	-	-	-	-
Down.....	-	322	-	-	-	-	-	-	-	-
Totals.....	130	822	350	-	-	-	-	-	-	-
Season of navigation:										
First vessel passage.....	April 19	May 1	April 12	April 18	May 13	April 20	May 1	April 4	May 18	April 29
Last vessel passage.....	Dec. 1	Nov. 29	Nov. 24	Nov. 30	Nov. 27	Nov. 12	Nov. 26	Oct. 21	Nov. 23	Oct. 13
Ottawa River Canals										
Vessel transits:										
Up.....	667	489	18	197	170	34	40	31	32	39
Down.....	683	486	18	186	171	46	39	35	32	35
Totals.....	1,350	975	36	383	341	80	79	66	64	74
Registered net tons:										
Up.....	161,979	120,679	2,576	15,720	10,642	1,906	2,313	2,189	2,662	4,643
Down.....	166,089	119,644	2,637	13,054	12,368	3,404	2,237	2,156	2,768	3,291
Totals.....	328,068	240,323	5,213	28,774	23,010	5,310	4,550	4,345	5,430	7,934
Cargo tons:										
Up.....	100	777	150	7,055	11,016	239	483	73	12	671
Down.....	278,100	196,200	150	976	1,665	510	6	-	-	25
Totals.....	278,200	196,977	300	8,031	12,681	749	489	73	12	696
Season of navigation:										
First vessel passage.....	May 3	April 24	April 15	April 24	April 30	May 3	May 12	April 21	April 22	April 22
Last vessel passage.....	Nov. 19	Nov. 10	Nov. 16	Dec. 1	Nov. 17	Oct. 12	Oct. 26	Oct. 24	Nov. 21	Nov. 22
Richelieu River Canals										
Vessel transits:										
Up.....	395	370	359	387	325	313	156	163	143	127
Down.....	401	361	353	369	329	314	158	163	145	125
Totals.....	796	731	712	756	654	627	314	326	288	252
Registered net tons:										
Up.....	62,036	56,038	52,684	51,181	60,069	58,006	28,590	28,119	22,947	20,589
Down.....	61,991	53,867	51,964	49,865	60,370	58,310	28,978	29,365	23,018	20,371
Totals.....	124,027	109,905	104,648	101,046	120,439	116,316	57,568	57,484	45,965	40,960
Cargo tons:										
Up.....	81,364	80,822	80,925	62,212	85,746	82,951	24,476	25,653	16,879	15,560
Down.....	25,335	13,707	7,222	6,332	6,392	4,790	4,173	4,233	3,733	3,222
Totals.....	106,699	94,529	88,147	68,544	92,138	87,741	28,649	29,886	20,612	18,782
Season of navigation:										
First vessel passage.....	April 4	April 20	April 20	April 20	April 14	April 20	April 19	May 15	April 22	April 22
Last vessel passage.....	Nov. 27	Dec. 2	Nov. 29	Dec. 1	Nov. 29	Nov. 29	Nov. 10	Nov. 21	Nov. 29	Nov. 30

Historical Summary, 1960 - 69 - Concluded
Other Canadian Canals - Concluded

Canal direction and registry of vessel	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Rideau River Canals										
Vessel transits:										
Up.....	39	35	38	38	10	13	16	3	14	4
Down.....	55	72	27	31	9	15	17	16	5	4
Totals.....	94	107	65	69	19	28	33	19	19	8
Registered net tons:										
Up.....	1,497	1,136	1,335	1,170	257	373	1,132	59	373	224
Down.....	1,629	1,740	973	1,528	343	355	1,158	163	139	188
Totals.....	3,126	2,876	2,308	2,698	600	728	2,290	222	512	412
Cargo Tons:										
Up.....	72	-	-	-	-	-	434	-	-	-
Down.....	-	-	-	-	-	-	-	-	-	-
Totals.....	72	-	-	-	-	-	434	-	-	-
Season of navigation:										
First vessel passage.....	May 18	May 11	May 7	May 13	May 28	May 15	May 22	May 15	May 17	May 21
Last vessel passage.....	Nov. 1	Nov. 4	Oct. 31	Oct. 18	Sept. 6	Oct. 6	Oct. 15	Aug. 8	Oct. 17	Oct. 17
St. Andrew's Canal										
Vessel transits:										
Up.....	151	158	101	190	169	133	138	123	162	138
Down.....	150	167	101	191	164	129	138	122	164	138
Totals.....	301	325	202	381	333	262	276	245	326	276
Registered net tons:										
Up.....	8,296	10,581	5,525	8,681	7,392	4,962	4,627	6,315	13,778	20,382
Down.....	8,171	11,188	5,564	8,716	7,289	4,949	4,639	6,293	13,816	20,372
Totals.....	16,467	21,769	11,089	17,397	14,681	9,911	9,266	12,608	27,594	40,754
Cargo tons:										
Up.....	1,449	6,783	797	1,429	1,113	571	626	688	742	592
Down.....	2,650	1,503	1,494	2,385	1,894	1,053	1,005	992	2,273	1,472
Totals.....	4,099	8,286	2,291	3,814	3,007	1,624	1,631	1,680	3,015	2,064
Season of navigation:										
First vessel passage.....	June 4	May 21	July 11	May 20	May 29	June 24	June 24	May 12	May 1	May 16
Last vessel passage.....	Nov. 1	Oct. 27	Nov. 3	Nov. 3	Nov. 2	Oct. 31	Oct. 31	Nov. 1	Nov. 3	Nov. 3
St. Peter's Canal										
Vessel transit:										
Up.....	275	273	238	185	188	163	153	135	125	155
Down.....	280	274	217	168	198	166	150	115	101	140
Totals.....	555	547	455	353	386	329	303	250	226	295
Registered net tons:										
Up.....	8,138	4,938	5,208	7,474	5,012	3,033	5,755	3,110	3,099	3,952
Down.....	7,693	5,745	4,949	4,423	3,926	3,115	3,352	4,015	2,964	4,284
Totals.....	15,831	10,683	10,157	11,897	8,938	6,148	9,107	7,125	6,063	8,236
Cargo tons:										
Up.....	142	861	271	214	142	344	325	280	34	480
Down.....	581	605	660	360	339	207	277	459	24	474
Totals.....	723	1,466	931	574	481	551	602	739	58	954
Season of navigation:										
First vessel passage.....	April 4	April 27	April 4	May 1	April 25	April 30	April 1	April 4	April 10	April 3
Last vessel passage.....	Dec. 22	Dec. 16	Dec. 5	Dec. 12	Dec. 16	Dec. 21	Dec. 23	Dec. 16	Sept. 24	Dec. 20
Trent Canal										
Vessel transits:										
Up.....	24	15	13	14	133	122	587	463	649	191
Down.....	23	22	16	17	138	131	610	463	664	194
Totals.....	47	37	29	31	271	253	1,197	926	1,313	385
Registered net tons:										
Up.....	318	178	143	163	1,744	477	2,689	14,405	24,209	14,255
Down.....	333	258	177	259	577	507	2,826	16,588	26,589	17,774
Totals.....	651	436	320	422	2,321	984	5,515	30,993	50,798	32,029
Cargo tons:										
Up.....	17	19	13	13	26	10	19	16	32	22
Down.....	47	55	58	49	38	4	87	31	63	40
Totals.....	64	74	71	62	64	14	106	47	95	62
Season of navigation:										
First vessel passage.....	June 10	May 17	May 15	May 18	May 19	May 30	May 25	May 19	April 8	June 3
Last vessel passage.....	Nov. 23	Oct. 9	Oct. 11	Oct. 7	Sept. 18	Oct. 15	Oct. 15	Oct. 13	Oct. 31	Oct. 13

¹ Includes traffic through the Lachine and Cornwall Canals.

² Includes other British Commonwealth.

APPENDIX B

Freight Charges on the Great Lakes for Wheat, 1969 and 1968

	1969			1968		
	Average charge per bushel ¹ cents	Average charge per ton \$	Average charge per ton-mile cents	Average charge per bushel ¹ cents	Average charge per ton \$	Average charge per ton-mile cents
Fort William - Port Arthur to:						
Montreal:						
April	8.00	2.66	0.217	9.00	3.00	0.244
May	8.00	2.66	0.217	9.00	3.00	0.244
June	8.00	2.66	0.217	8.51	2.83	0.230
July	8.01	2.67	0.217	—	—	—
August	8.01	2.67	0.217	—	—	—
September	8.00	2.66	0.217	8.00	2.66	0.217
October	8.00	2.66	0.217	8.00	2.66	0.217
November	8.00	2.66	0.217	8.10	2.70	0.220
December	8.00	2.66	0.217	8.12	2.70	0.220
Averages	8.00	2.66	0.217	8.35	2.78	0.226
Winter storage	12.13	4.04	0.329	12.25	4.08	0.332
Goderich and Georgian Bay ports:						
April	4.54	1.51	0.281	4.50	1.50	0.279
May	4.55	1.52	0.283	4.50	1.50	0.279
June	4.57	1.52	0.283	4.50	1.50	0.279
July	4.53	1.51	0.281	4.50	1.50	0.279
August	4.56	1.52	0.283	—	—	—
September	4.78	1.59	0.296	4.53	1.51	0.281
October	4.77	1.59	0.296	4.51	1.50	0.279
November	4.64	1.55	0.288	4.59	1.53	0.284
December	5.51	1.83	0.340	4.80	1.60	0.297
Averages	4.66	1.55	0.288	4.55	1.52	0.283
Winter storage	8.73	2.91	0.540	8.47	2.82	0.524
Port Colborne:						
April	5.50	1.83	0.216	5.75	1.91	0.225
May	5.63	1.87	0.221	5.75	1.91	0.225
June	5.62	1.87	0.221	5.75	1.91	0.225
July	5.58	1.86	0.219	—	—	—
August	5.50	1.83	0.216	—	—	—
September	5.67	1.89	0.223	5.75	1.91	0.225
October	5.50	1.83	0.216	5.92	1.97	0.232
November	6.14	2.04	0.240	5.55	1.85	0.218
December	6.51	2.17	0.256	6.38	2.12	0.250
Averages	5.76	1.92	0.226	5.85	1.95	0.230
Winter storage	9.98	3.32	0.392	10.15	3.38	0.399
Buffalo:						
April	—	—	—	—	—	—
May	—	—	—	—	—	—
June	—	—	—	—	—	—
July	—	—	—	—	—	—
August	—	—	—	—	—	—
September	—	—	—	—	—	—
October	8.50	2.83	0.328	—	—	—
November	—	—	—	—	—	—
December	—	—	—	—	—	—
Averages	8.50	2.83	0.328	—	—	—
Winter storage	—	—	—	—	—	—
Port Colborne to:						
Montreal:						
April	—	—	—	—	—	—
May	—	—	—	—	—	—
June	—	—	—	—	—	—
July	—	—	—	—	—	—
August	—	—	—	—	—	—
September	—	—	—	—	—	—
October	—	—	—	—	—	—
November	—	—	—	—	—	—
December	—	—	—	—	—	—
Averages	—	—	—	—	—	—

¹ Freight charges from Fort William - Port Arthur provided by Board of Grain Commissioners for Canada.

Freight Charges on the Great Lakes for Barley and Oats, 1969

	Barley			Oats		
	Average charge per bushel ¹	Average charge per ton	Average charge per ton-mile	Average charge per bushel ¹	Average charge per ton	Average charge per ton-mile
	cents	\$	cents	cents	\$	cents
Fort William - Port Arthur to:						
Montreal:						
April	6.52	2.71	0.221	5.11	3.00	0.244
May	6.50	2.71	0.221	5.23	3.08	0.251
June	6.76	2.81	0.229	5.50	3.23	0.263
July	6.47	2.70	0.220	5.38	3.16	0.257
August	6.30	2.63	0.214	4.89	2.88	0.234
September	6.12	2.55	0.208	5.08	2.99	0.243
October	6.31	2.63	0.214	4.96	2.92	0.238
November	6.38	2.66	0.217	5.31	3.12	0.254
December	-	-	-	-	-	-
Averages	6.39	2.66	0.217	5.20	3.06	0.249
Goderich and Georgian Bay ports:						
April	5.04	2.10	0.390	5.03	2.96	0.550
May	5.07	2.11	0.392	5.00	2.94	0.546
June	4.92	2.05	0.381	4.25	2.50	0.465
July	4.94	2.06	0.383	4.68	2.75	0.511
August	4.94	2.06	0.383	4.68	2.75	0.511
September	4.89	2.04	0.379	4.56	2.68	0.498
October	5.04	2.10	0.390	4.75	2.79	0.519
November	4.70	1.96	0.364	4.62	2.72	0.506
December	5.27	2.20	0.409	5.25	3.09	0.574
Averages	4.95	2.06	0.383	4.72	2.78	0.517
Port Colborne:						
April	6.50	2.71	0.320	6.25	3.68	0.434
May	-	-	-	-	-	-
June	6.50	2.71	0.320	-	-	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	-	-	-
October	6.75	2.81	0.331	6.50	3.82	0.450
November	6.75	2.81	0.331	-	-	-
December	6.75	2.81	0.331	6.50	3.82	0.450
Averages	6.68	2.79	0.329	6.47	3.80	0.448
Buffalo:						
April	8.50	3.54	0.411	-	-	-
May	-	-	-	-	-	-
June	-	-	-	-	-	-
July	-	-	-	-	-	-
August	9.50	3.96	0.459	-	-	-
September	-	-	-	-	-	-
October	-	-	-	-	-	-
November	8.50	3.54	0.411	-	-	-
December	-	-	-	-	-	-
Averages	8.67	3.62	0.420	-	-	-
Port Colborne to:						
Montreal:						
April	-	-	-	-	-	-
May	-	-	-	-	-	-
June	-	-	-	-	-	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	-	-	-
October	-	-	-	-	-	-
November	-	-	-	-	-	-
December	-	-	-	-	-	-
Averages	-	-	-	-	-	-

¹ Freight charges from Fort William - Port Arthur provided by Board of Grain Commissioners for Canada.

Freight Charges on the Great Lakes for Flax and Rye, 1969

	Flax			Rye		
	Average charge per bushel ¹	Average charge per ton	Average charge per ton-mile	Average charge per bushel ¹	Average charge per ton	Average charge per ton-mile
	cents	\$	cents	cents	\$	cents
Fort William - Port Arthur to:						
Montreal:						
April	-	-	-	-	-	-
May	8.57	3.06	0.249	-	-	-
June	-	-	-	8.00	2.86	0.233
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	8.00	2.86	0.233
October	8.00	2.86	0.233	8.00	2.86	0.233
November	8.00	2.86	0.233	-	-	-
December	-	-	-	-	-	-
Averages	8.25	2.95	0.240	8.00	2.86	0.233
Goderich and Georgian Bay ports:						
April	-	-	-	5.22	1.86	0.346
May	-	-	-	-	-	-
June	-	-	-	-	-	-
July	-	-	-	5.50	1.96	0.364
August	-	-	-	6.25	2.23	0.414
September	-	-	-	-	-	-
October	-	-	-	5.50	1.96	0.364
November	-	-	-	-	-	-
December	-	-	-	-	-	-
Averages	-	-	-	5.44	1.94	0.360
Port Colborne:						
April	-	-	-	-	-	-
May	-	-	-	-	-	-
June	-	-	-	-	-	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	-	-	-
October	-	-	-	-	-	-
November	-	-	-	-	-	-
December	-	-	-	-	-	-
Averages	-	-	-	-	-	-
Buffalo:						
April	-	-	-	-	-	-
May	-	-	-	-	-	-
June	-	-	-	-	-	-
July	-	-	-	9.00	3.21	0.372
August	-	-	-	-	-	-
September	-	-	-	-	-	-
October	-	-	-	-	-	-
November	-	-	-	-	-	-
December	-	-	-	-	-	-
Averages	-	-	-	9.00	3.21	0.372
Port Colborne to:						
Montreal:						
April	-	-	-	-	-	-
May	-	-	-	-	-	-
June	-	-	-	-	-	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	-	-	-
October	-	-	-	-	-	-
November	-	-	-	-	-	-
December	-	-	-	-	-	-
Averages	-	-	-	-	-	-

¹ Freight charges from Fort William-Port Arthur provided by Board of Grain Commissioners for Canada.

APPENDIX C

List of Commodities

SECTION I. LIVE ANIMALS

Cattle
Live animals, n.e.s.

SECTION II. FOOD, FEED, BEVERAGES AND TOBACCO

Meat and Meat Preparations

Meat, fresh, chilled or frozen
Meat, cured
Meat and meat preparations, n.e.s.

Fish and Marine Animals

Fish, fresh, chilled or frozen
Fish, smoked, salted, dried, or pickled
Fish, canned
Lobster
Shell fish, n.e.s.; meat of marine animals; and other fishery foods and feeds

Dairy Produce, Eggs and Honey

Butter
Cheese
Milk powder
Dairy produce, n.e.s.; eggs and honey

Grain, Flour, Meal and Cereal Preparations

Barley
Corn
Oats
Rye
Wheat
Cereals, unmilled, n.e.s.
Corn meal and flour
Corn starch
Malt and malt flour
Wheat flour
Cereals milled n.e.s.
Bakery products, incl. those frozen
Macaroni and cereal products, and farinaceous substances and flour for use as food

Fruits and Fruit Preparations

Apples (incl. crab-apples)
Bananas and plantains
Fresh or chilled fruits and berries, n.e.s.
Frozen fruits and berries
Dried and dehydrated fruits
Fruit juices, unfermented, not concentrated, and fruit juice concentrates
Fruit pulp and purée (not canned)
Fruits, preserved, not canned, n.e.s.
Fruits and preparations, canned (exc. infant foods)

Nuts, Except Oil Nuts

Peanuts, roasted or otherwise prepared
Nuts, except oil nuts, n.e.s.

Vegetables and Vegetable Preparations

Potatoes
Vegetables, fresh or chilled, n.e.s.
Vegetables, frozen
Vegetables, dried
Vegetables and vegetable preparations, n.e.s.

Sugar and Sugar Preparations

Raw sugar
Sugar, n.e.s.
Molasses, crude
Molasses, refined
Syrup
Sugar preparations (incl. confectionery)

Cocoa, Coffee, Tea and Spices

Cocoa and chocolate
Coffee
Tea
Spices
Vinegar

Margarine, Shortening and Lard

Margarine and similar products
Shortening
Lard

Miscellaneous Foods, Food Materials and Food Preparations

Sausage skins or casings
Miscellaneous foods, food materials and food preparations, n.e.s.

Fodder and Feed, Except Unmilled Cereals

Hay, forage and straw
Hulls, screenings, chaff and scourings
Wheat bran, shorts and middlings
Ground cereals and by-products, n.e.s.
Cottonseed oil meal and cake
Soyabean oil meal and cake
Oil seed meals and cake, n.e.s.
Brewers' and distillers' grains and solubles
Feeds of vegetable origin, n.e.s.
Feeds of animal origin
Concentrated and complete feeds

Beverages

Non-alcoholic beverages
Ale, beer, stout and porter
Wines
Fermented alcoholic beverages, n.e.s.
Distilled alcoholic beverages

Tobacco

Cigarettes
Tobacco, n.e.s.

List of Commodities - Continued

SECTION III. CRUDE MATERIALS, INEDIBLE

Crude Animal Products, Inedible (Except Fibres)

Raw hides and skins and undressed fur skins
Crude animal products, inedible (except fibres),
n.e.s.

Crude Vegetable Products, Inedible (Except Tobacco, Fibres and Wood)

Seeds for sowing, n.e.s.
Flaxseed
Mustard seed
Rapeseed
Soya beans
Oil seeds, oil nuts and oil kernels, n.e.s.
Nursery and greenhouse stock and related materials
Rubber and allied gums, natural, and natural gums and resins
Crude vegetable products, inedible (except tobacco, fibres and wood), n.e.s.

Crude Wood Materials

Logs
Bolts and round timber
Pulpwood
Crude wood materials, n.e.s.

Textile and Related Fibres (Including Waste)

Wool and fine animal hair suitable for spinning
Textile and related fibres (including waste),
n.e.s.

Metallic Ores, Concentrates, Scrap Metals and By-Products (Alternative Classification)

Alumina and bauxite ore
Copper ore and concentrates and matte and precipitates
Iron ore, crude, and concentrates, calcined, roasted or treated
Lead ore and concentrates
Manganese ore
Nickel-copper ore, nickel-copper matte or speiss, and nickel concentrates
Titanium ore
Zinc ore and concentrates
Ores, concentrates and precipitates, n.e.s.
Iron and steel scrap
Non-ferrous and precious metal scrap
Slags, drosses and other by-products

Coal, Crude Petroleum and Related Crude Products

Coal, bituminous, sub-bituminous, and lignite
Coal, n.e.s.
Crude petroleum, petroleum tops and natural gasoline
Crude petroleum, Canadian
Natural gas and other crude bituminous substances

Crude Non-metallic Minerals (Except Coal and Petroleum)

Asbestos, unmanufactured, crude and fibre
Bentonite
China clay
Dolomite
Clay and other crude re-factory materials, n.e.s.
Sand and gravel
Limestone
Crushed stone, incl. stone refuse (exc. limestone flux and crushed limestone)
Stone, crude, n.e.s.
Water and ice
Barytes, natural
Fluorspar
Gypsum
Phosphate rock
Salt
Sulphur in ores, crude and refined (exc. pharmaceutical grade)
Crude non-metallic minerals (except coal and petroleum), n.e.s.

Waste and Scrap Materials, n.e.s.

Cotton and textile rags and waste
Hogged fuel (wood)
Waste and scrap materials, n.e.s.

SECTION IV. FABRICATED MATERIALS, INEDIBLE

Leather
Furs, dressed
Rubber fabricated materials

Wood Fabricated Materials

Lumber and timber
Flooring
Railway ties
Shingles and shakes
Lath of wood
Other sawmill products, n.e.s.
Veneer, plywood and wood building boards
Cooperage stock and box, crate and package shooK
Wood fabricated materials, n.e.s.

Pulp

Pulp

Paper and Paperboard

Newsprint paper
Paper, n.e.s.
Paperboard
Building paper and building board (exc. wood, plastic and gypsum board)
Wet machine board and converted paper

Textile Fabricated Materials

Cordage, twine and rope (exc. braided cords and threads)
Jute broad woven fabrics
Textile fabricated materials, n.e.s.

List of Commodities -- Concluded

**Oils, Fats, Waxes, Extracts and Derivatives,
Animal and Vegetable**

Animal oils and fats (exc. marine)
Fish and marine animal oils
Soyabean oil
Vegetable oils and fats, exc. essential oils,
n.e.s.
Oils, fats, waxes, extracts and derivatives,
animal and vegetable, n.e.s.

Chemicals and Related Products

Sulphuric acid (incl. oleum)
Metallic salts and peroxysalts, of inorganic
acids
Inorganic chemicals, n.e.s.
Glycol
Organic chemicals, n.e.s.
Explosives, fuses and caps
Muriate of potash
Fertilizers and fertilizer materials, n.e.s.
Agricultural chemicals, formulated (crop and
seed treatments and herbicides); other insecti-
cides and rodenticides; and adhesives
Synthetic rubber (incl. rubber compounds and
reclaimed rubber)
Plastic materials, not shaped, and plastics
basic shapes and forms
Dyestuffs (exc. dyeing extracts); pigments,
lakes and toners (exc. those in chemicals);
and paints and related products
Chemical specialties, industrial, n.e.s.

Petroleum and Coal Products

Gasoline
Fuel oil
Lubricating oils and greases
Coke of petroleum and coal
Asphalts and road oils
Coal tar and coal pitch
Petroleum and coal products, n.e.s.

Iron and Steel and Alloys

Ferro-alloys
Pig iron
Primary iron and steel, n.e.s.
Castings and forgings (exc. pipes and fittings)
Bars and rods, steel
Plate, sheet and strip, steel
Structural shapes and sheet piling
Rails and railway track material
Pipes and tubes, iron and steel (exc. fittings
and finished electrical conduit and tubing)
Wire (incl. wire rope)

Non-Ferrous Metals

Aluminum (incl. alloys)
Copper and alloys
Lead and alloys

Non-Ferrous Metals -- Concluded

Nickel and alloys
Zinc and alloys
Non-ferrous metals, n.e.s.

Metal Fabricated Basic Products

Metal fabricated basic products

Non-metallic Mineral Basic Products

Building brick, clay
Drain tiles, sewer pipes and fittings
Bricks, tiles (clay) and refractories, n.e.s.
Glass basic products
Asbestos and asbestos cement basic products
Cement
Cement and concrete basic products, n.e.s.
Lime
Non-metallic mineral basic products, n.e.s.

Miscellaneous Fabricated Materials

Miscellaneous fabricated materials

SECTION V. END PRODUCTS, INEDIBLE

Machinery

Tractors
Machinery, n.e.s.

Transportation and Communication Equipment

Railway rolling stock
Passenger automobiles and chassis
Buses and chassis
Trucks, truck chassis and truck tractors, com-
mercial
Military motor vehicles and trailers (exc. tanks)
Motor vehicle engines, accessories, parts and
assemblies
Road motor vehicles, n.e.s.
Ships and boats; aircraft; and miscellaneous
vehicles (incl. parts and accessories)
Rubber tires and tubes

Equipment

Equipment

Personal and Household Goods

Personal and household goods

Miscellaneous

Firearms, weapons and ammunition
Containers and closures
Miscellaneous end products, inedible, n.e.s.
Domestic package freight

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