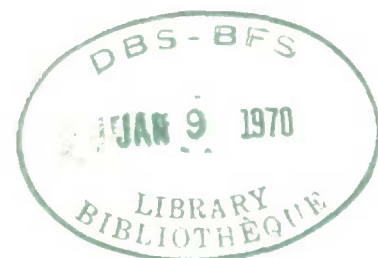


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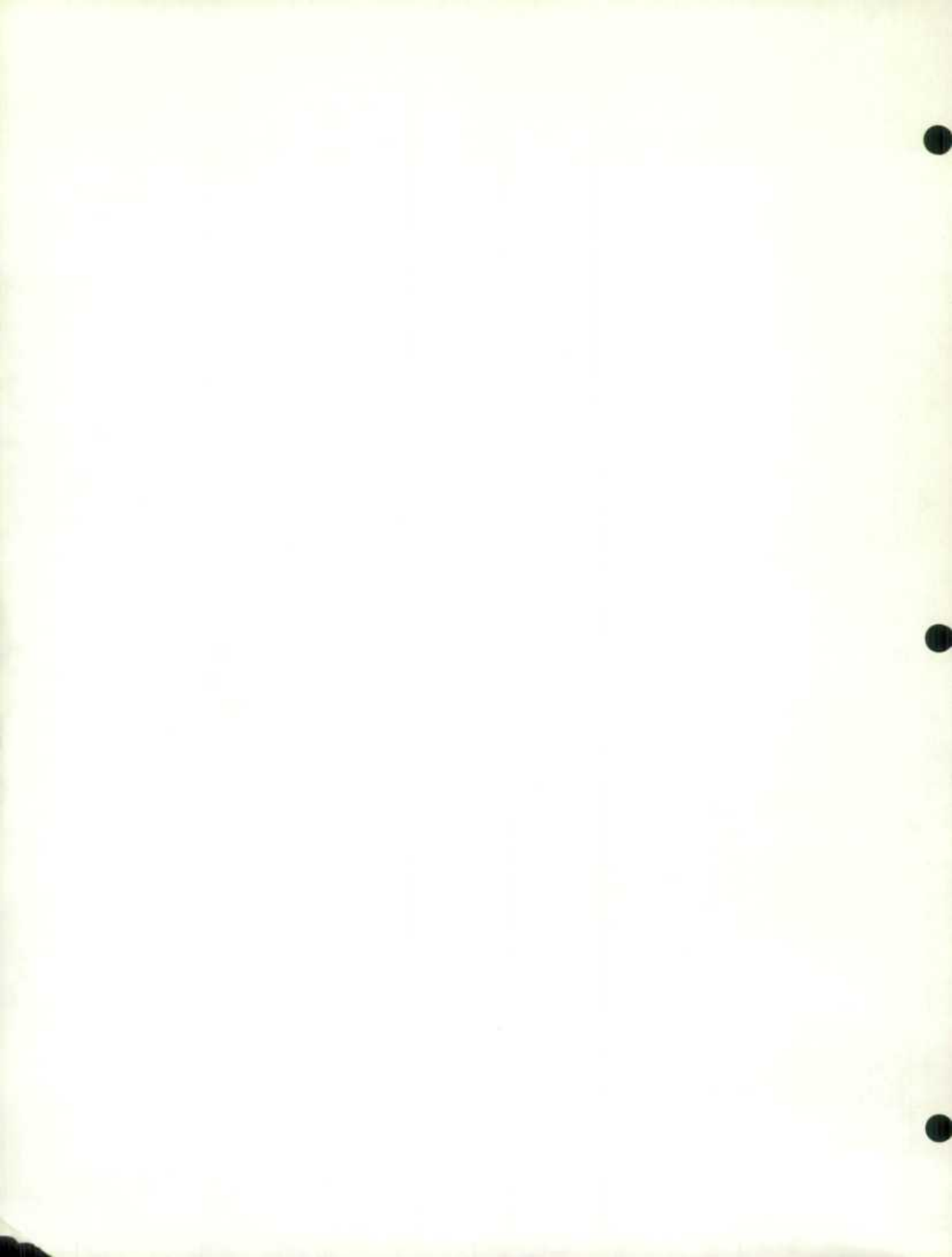
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CANAL STATISTICS

1968

DOMINION BUREAU OF STATISTICS



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Transportation and Public Utilities Division
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CANAL STATISTICS

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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: 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.**
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- 54-208 **Shipping Report: Part VI, Commodity Flow Charts for Selected Commodities.**
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- 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.
- * 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, Lachine, and Cornwall 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.

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

During 1968, Canadian canal networks accommodated 108,274,370 tons of cargo which represents an increase of 9.6 per cent over 1967, and the second best year in their history. The all-time Canadian cargo record was reached in 1966 when 110,702,534 tons were handled; Seaway volume excluding cargo through more than one canal was 67,648,954 tons in that year. By way of comparison 102,389,719 tons of cargo were shipped through the American locks at Sault Ste. Marie in 1966, 86,193,430 long tons through the Panama Canal, in the fiscal year ending June 30, 1967, and 274,250,000 tons through the Suez Canal.

Crude materials, notably iron ore and coal, constituted 58.5 million tons or 53.9 per cent of all cargoes, and agricultural products comprised a further 26.1 million tons or 24.1 per cent. In 1967 these shares were 53.3 per cent and 27.8 per cent respectively; a major factor in altering these proportions was the growth of steel traffic and a decline for farm produce. Moving this tonnage required 20,378 vessel passages, many of which sailed in ballast due to unsuitable or unavailable return cargoes; 21,046 vessels had been reported through 1967. However, vessel registered net tonnage rose to 79.4 million from 74.7 million in the previous year, indicating the employment of economic, larger capacity craft. Many of these vessels travelled through more than one canal with a particular cargo; freight counted once for the Seaway totalled 67,301,161 tons in 1968 and 61,826,193 tons in 1967.

The St. Lawrence Canals,

The tenth season of the Seaway featured an appreciable gain for the St. Lawrence Canals—those seven locks of the Seaway between Montreal and Lake Ontario. Some 47,945,901 tons of cargo moved through the system, 9.0 per cent above the 1967 volume of 44,001,518 tons. Both years witnessed strike action—that involving lake vessels in August and September 1967, and a Seaway stoppage during part of June and July 1968. Toll revenues in 1968 amounted to \$24,888,865 or 11.3 per cent over the \$22,349,788 collected through 1967. The most important aspects of the toll structure include the assessment of 40 cents per ton of bulk products, 90 cents per ton of general cargo and 4 cents per vessel gross registered ton.

The number of vessels utilizing the St. Lawrence Canals totalled 6,897, considerably lower than 1967 when 7,276 passages were recorded. However, vessel registered net tonnage climbed to 33,611,648 tons from 31,770,174 tons; the average per transit, then, advanced to 4,873 from 4,366 tons. The percentage of ballast trips dropped to 30.0 per cent from 32.5 per cent in 1967, and the average cargo per loaded vessel rose to 9,931 tons from 8,954 tons.

Passenger traffic through the St. Lawrence Canals slumped to 357 from 15,058 in 1967, a

total inflated by special cruises to Montreal's Expo. The vessel transporting these persons is no longer active on the lakes.

Iron ore is, quantitatively, the most important commodity through the St. Lawrence Canals. In 1968 some 18,021,724 tons were transported upbound through the network, a full 37.6 per cent of all cargoes; the toll on this cargo alone approximates \$7.2 million. This mine product made up 37.0 per cent of 1967 cargo and 31.1 per cent of 1966. The 1967 volume of 16,280,668 tons was surpassed due to 1.5 million tons more ore required by the U.S. steel industry. Among other crude materials, coal upbound to Ontario from the Maritimes was little changed at 789,382 tons while downbound traffic from the United States advanced one-seventh to 416,493 tons. Soyabeans through the lake ports added 50.0 per cent to the 1967 volume to increase to 1,326,618 tons, mostly from the United States; one third of that country's shipments was discharged at Canadian ports, a major portion for re-export aboard ocean vessels. Downbound salt advanced to 579,122 tons from 273,338 tons while scrap iron and steel declined.

Agricultural products comprised only 540,996 tons or 1.8 per cent of upbound traffic, and a full 12,187,557 tons or 69.5 per cent of the downbound activity. The first figure reflected an increase of approximately one-tenth above 1967 due to raw sugar entering Canada, while the latter was depressed by over a half million tons with losses for soyabean oil meal and cake, barley and wheat. Although more wheat was moved from the United States, Canadian traffic had fallen resulting in a decline to 6,548,996 tons from 6,811,601 tons in 1967. Corn movements advanced a remarkable 1.1 million tons to 3,153,692 tons due to significantly greater exports from the United States to Europe.

Upbound steel rods, bars, plate and structural shapes increased to 5,094,523 tons from only 3,130,422 tons during 1967. Most of this volume was the result of a greater American demand for steel; 4,918,511 tons were directed through the Seaway to the central United States in 1968 and 2,951,195 tons in the previous year. More fuel oil was carried through the system; a ten per cent increase brought the total to 2,152,832 tons. Total general cargo through these canals amounted to 7,992,345 tons (5,937,145 tons in 1967) and 39,953,556 tons (38,064,373 tons) were assessed at the bulk cargo rate.

Canadian vessels numbered 3,968 or 57.5 per cent of all transits through the St. Lawrence Canals. Their registered net tonnage totalled 20,954,885 or 62.3 per cent, and cargoes scaled at 30,456,741 tons or 63.5 per cent of the system's total. In 1967 Canadian vessels represented 54.7 per cent of transits, 61.2 per cent of registered net tons, and 64.2 per cent of cargo. American vessels handled 4.3 per cent of 1968 freight traffic, British vessels a further 5.0 per cent, and Nowegian vessels 6.7 per cent.

The Lachine and Cornwall Canals, both non-toll and not a part of the through channel, were used to a lesser extent than 1967. Only 344 vessels and 269,121 cargo tons were reported against 429 vessels and 437,369 tons in the previous year.

The Welland Canal

During the year, the Welland Canal was utilized by vessels carrying 58,104,794 tons of cargo — an increase of 9.9 per cent over 1967's 52,850,454 tons. General cargo, as in the case of the St. Lawrence Canals, reached a new record of 7,183,642 tons, even above 1966 when considerably more bulk produce was handled; bulk cargo amounted to 50,921,152 tons in 1968. Lockage charges were made on the basis of \$40. for each of the eight locks that can be used; \$320 was charged for a complete transit in 1968, and this cost to operators will rise each year until 1971 when the fee will be \$800 for a full passage. The Seaway Authority collected \$1,749,165 in such charges through the year compared to \$913,275 in 1967.

Overseas freight handled at Lake Ontario ports does not require the Welland Canal, which therefore fails to closely approach the general cargo recorded for the St. Lawrence Canals; the difference usually is in the region of a million tons. The Welland traditionally handles more bulk cargoes, accommodating more agricultural produce, more iron ore and much more coal due to eastbound traffic destined for Lake Ontario. Iron ore traffic totalled 18,351,343 tons, of which 2,873,971 tons consisted of downbound traffic primarily from the United States; ore in 1967 stood at 16,516,623 tons.

Upbound dolomite, all to the United States, rose to 1,372,173 tons from 1,116,964 tons, while downbound salt advanced to 1,060,778 tons from 832,914 tons, being largely traffic between Canadian ports. Bituminous coal imports through the canal to Canada moved up to 9,802,993 tons from 8,678,585 tons in 1967; coal comprised 16.9 per cent of Welland traffic, and together with iron ore accounted for 48.5 per cent. Of the agricultural products, wheat slipped to 6,809,318 tons from 7,290,538 tons, while improvements were reported for corn at 3,398,308 tons (2,266,207 tons in 1967) and soybeans at 1,694,979 tons (1,361,175 tons). The latter commodities were closer to 1966 levels when 3.59 million and 1.65 million tons respectively were transported.

Of the Welland traffic, 9,415,493 cargo tons or 16.2 per cent were moved between Canadian ports, 34,421,120 tons or 59.2 per cent between Canada and the United States, and 936,369 tons between Canada and overseas. The remaining 23.0 per cent consisted of American domestic and overseas trade.

As an indication of the importance of the canal system to operations at Canadian ports, 10,705,721 tons of Sept Iles-Pointe Noire's 26 million cargo tons moved through the Seaway. Of Port Cartier's 12.7 million tons, mainly ore, 8,713,421 tons

moved onto the Lakes: Canadian Great Lakes ports are even more dependent, notably Hamilton, Toronto and other cities on Lake Ontario which must use either the Welland or the St. Lawrence River. In the case of Port Arthur — Fort William 6,901,724 tons or better than half the 13.6 million ton total incurred Seaway transit, while most of the residue had to be locked through at Sault Ste. Marie, Michigan.

Passenger traffic, excluding pleasure craft, amounted to only 244 persons during 1968; this total is far removed from 1967's Expo traffic of 14,350 individuals. Canadian vessels were dominant in Welland traffic, making 4,174 or 57.4 per cent (55.8 per cent in 1967) of the 7,273 transits. These vessels accounted for 68.2 per cent of vessel registered net tonnage, and 39,498,888 tons or 68.0 per cent of cargo volume.

The Sault Ste. Marie Canals

Some 2,623 vessels passed through the Canadian lock at Sault Ste. Marie in 1968, carrying 138,011 passengers and 1,029,341 tons of cargo. Declines were recorded for two of these traffic indicators, the 1967 totals being 3,035 vessels, 165,111 passengers, mainly on cruise boats, and 972,334 cargo tons. About 17.0 per cent of the cargo was fuel oil, 12.0 per cent was pulp and 35.0 per cent consisted of domestic package freight. Some 667,192 tons or roughly 66.0 per cent of all traffic moved between Canadian ports.

The larger, modern American locks experience much heavier traffic, including the large lakers transporting huge quantities of ore, grains and coal. Upbound cargo traffic is usually only one eighth of the total, and consists primarily of bituminous coal, sand and gravel. Freight through the American locks dipped to 88,312,840 tons from 89,366,249 tons in 1967 due to lesser volumes of wheat and barley.

Other Canadian Canals

Cargo transported through the Canso Canal advanced to 1,170,542 tons from 916,843 tons in 1967 and 1,159,325 tons in 1966. The 1,221 (1,171 in 1967) vessels moving through this canal had reported appreciably more fuel oil, at 530,493 tons; this cargo plus gasoline, at 237,378 tons, made up 65.6 per cent of all cargo, and necessitated 305 tanker transits. Wheat traffic was relatively unchanged at 105,348 tons, barley and fluorspar advanced, while pulpwood and fishery products were down.

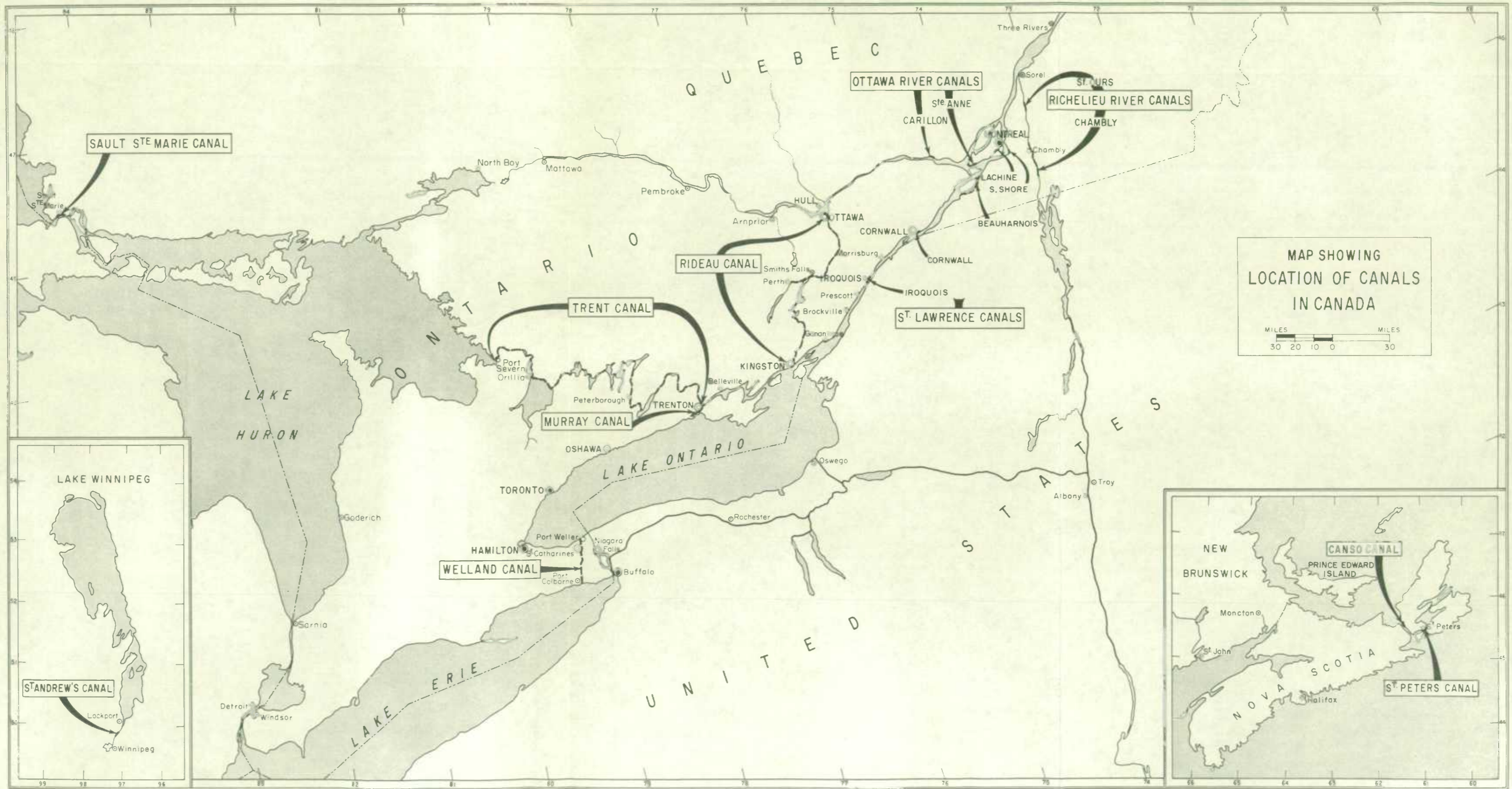
Of the seven remaining canal systems, the Richelieu River Canals are the most significant in terms of commercial cargo activity, being a route to the densely populated lower New York. This network reported less newsprint and more explosives for a total of 20,612 tons against 29,886 tons through 1967. All the canals play an important role in terms of recreation, tourism and water control. Some 2,076 transits were made commercially through the other six canals, involving 32,099 passengers and 3,180 cargo tons.

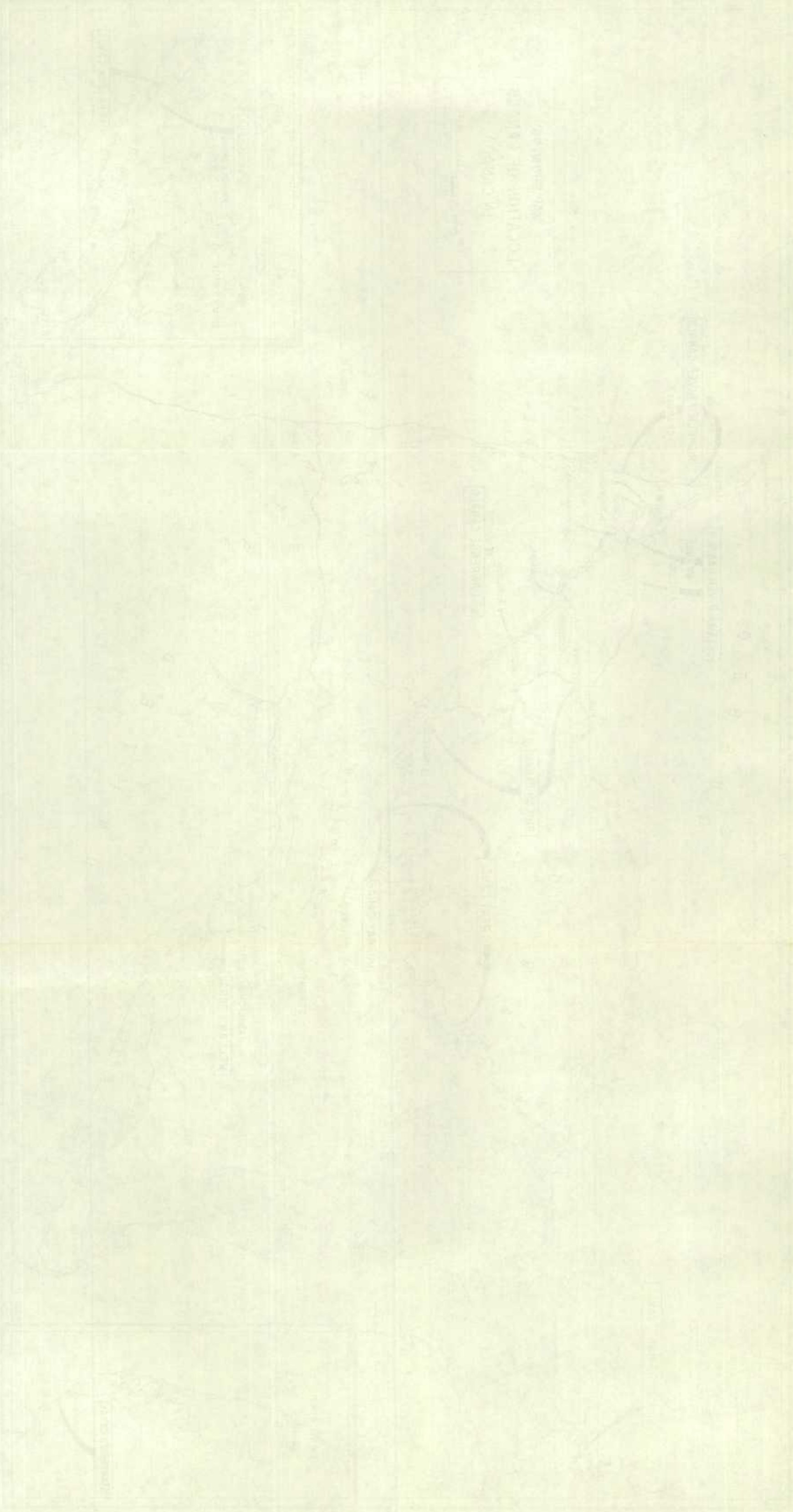
Location and Description of Canals

	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	Closuresdyke	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	-	-	- 3.5	
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	
Richelleu 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.)





PLANT

FOLIUM

PLANT

PLANT

PLANT

PLANT

TOTAL FREIGHT TRAFFIC THROUGH CANADIAN CANALS

MILLION TONS
140 —

1950-1968

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

FREIGHT TRAFFIC THROUGH
ST. LAWRENCE CANALS

TOTAL FREIGHT TRAFFIC
THROUGH
CANADIAN CANALS

1950

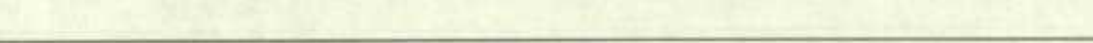
1955

1960

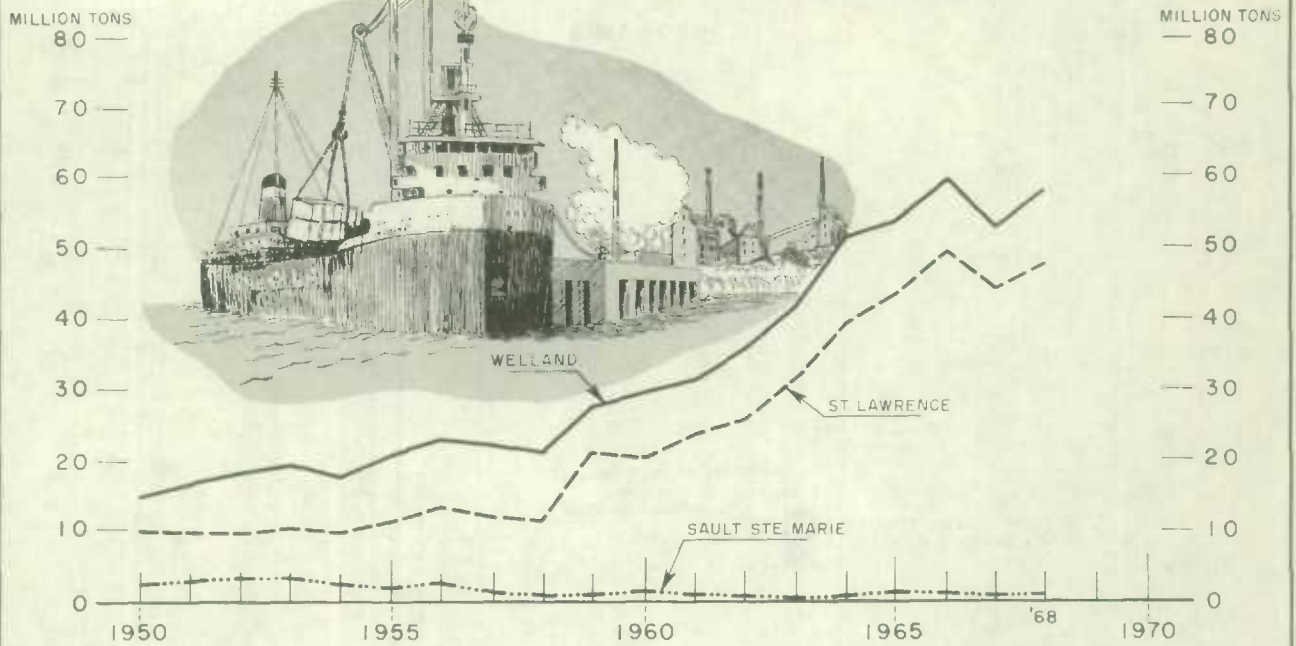
1965

'68

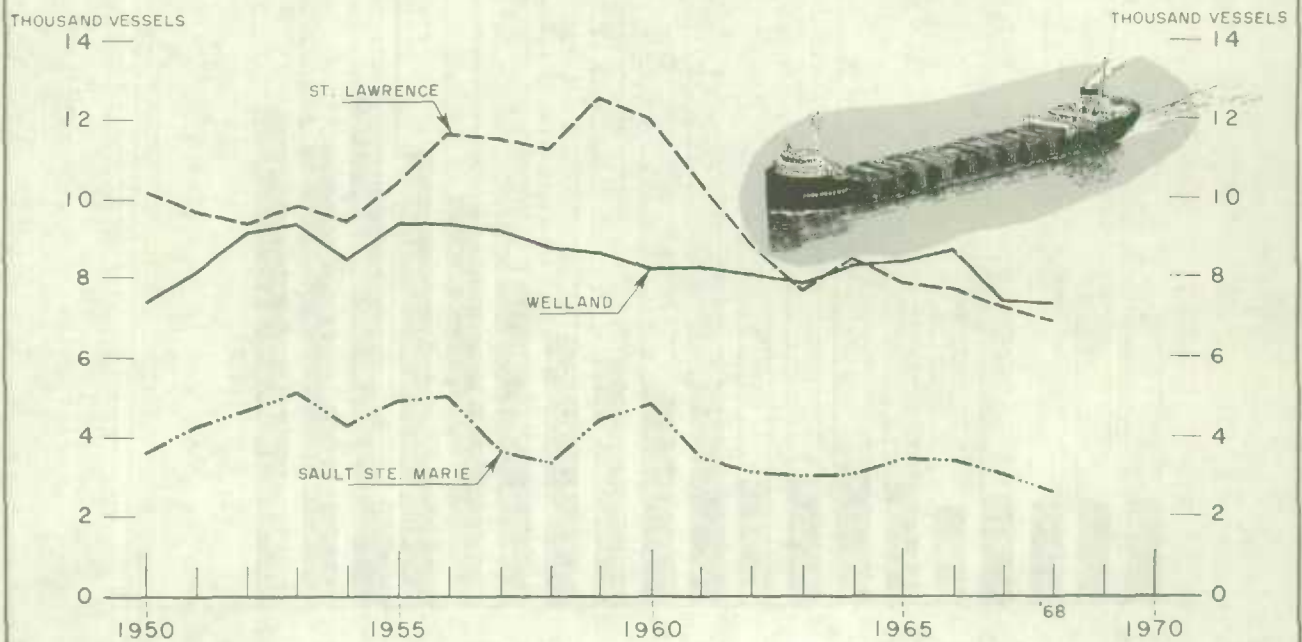
1970



FREIGHT TRAFFIC THROUGH WELLAND, ST. LAWRENCE AND SAULT STE. MARIE CANALS, 1950-1968



VESSEL TRAFFIC THROUGH WELLAND, ST. LAWRENCE AND SAULT STE. MARIE CANALS, 1950-1968



SECTION I
SUMMARY FOR ALL CANALS

SECTION 1

CHAPTER 101

TABLE 1. Number of Vessel Transits and Passengers Through Canadian Canals, by Registry of Vessel, and by Canal, 1968 and 1967

Country of registry	St. Lawrence ¹	Welland	Sault Ste. Marie	Canso	Other	Total	
						1968	1967
Canada	3,968	4,174	1,514	1,067	2,361	13,084	12,894
United States	454	714	1,091	44	2	2,305	2,902
United Kingdom ²	480	643	4	42	1	1,170	1,350
Other	1,995	1,742	14	68	-	3,819	3,900
Totals	6,897	7,273	2,623	1,221	2,364	20,378	21,046
Passengers.....	357	244	138,011	-	32,121	170,733	205,417

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, 1968 and 1967

Country of registry	St. Lawrence ¹	Welland	Sault Ste. Marie	Canso	Other	Total	
						1968	1967
Canada	20,954,885	29,057,406	1,778,762	877,128	158,080	52,826,261	49,093,644
United States	1,664,677	2,429,379	174,879	5,656	86	4,274,677	4,935,462
United Kingdom ²	1,918,136	2,993,587	10,398	40,698	172	4,962,991	5,506,251
Other	9,073,950	8,133,509	21,226	92,560	-	17,321,245	15,141,400
Totals	33,611,648	42,613,881	1,985,265	1,016,042	158,338	79,385,174	74,676,757

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, 1968 and 1967

Commodity sections	St. Lawrence ¹	Welland	Sault Ste. Marie	Canso	Other	Total	
						1968	1967
Live animals	-	-	-	-	-	-	-
Food, feed, beverages and tobacco	12,728,555	13,080,817	67,846	174,459	1,354	26,053,031	27,379,737
Crude materials, inedible.....	23,605,647	34,624,900	96,924	110,444	21,588	58,459,503	52,612,109
Fabricated materials, inedible	10,501,399	9,541,796	503,210	845,534	-	21,391,939	16,786,728
End products, inedible	441,087	350,098	4,153	69	262	795,669	860,050
Miscellaneous freight, n.e.s.....	188,952	80,424	-	40,036	588	310,000	198,351
Domestic package freight.....	480,261	426,759	357,208	-	-	1,264,228	936,599
Totals	47,945,901	58,104,794	1,029,341	1,170,542	23,792	108,274,370	98,773,574

¹ Includes traffic through the Lachine and Cornwall Canals.

TABLE 4. Cargo Tonnage Through Canadian Canals, by Registry of Vessel, and by Canal, 1968 and 1967

Country of registry	St. Lawrence ¹	Welland	Sault Ste. Marie	Canso	Other	Total	
						1968	1967
Canada	30,456,741	39,498,888	958,252	1,044,391	23,539	71,981,811	66,442,971
United States	2,065,706	2,967,122	66,837	50	-	5,099,715	5,423,581
United Kingdom ²	2,389,405	4,047,114	652	49,355	253	6,486,779	6,511,097
Other	13,034,049	11,591,670	3,600	76,746	-	24,706,065	20,395,925
Totals	47,945,901	58,104,794	1,029,341	1,170,542	23,792	108,274,370	98,773,574

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	Total
	Lake Superior	Lake Michigan	Lake Huron	Lake Erie ²	Lake Ontario ³	St. Lawrence River		
Lake Superior	—	19,505,802 ³	1,378,434 ³	46,587,036 ⁴	3,821,113	5,488,313	2,106,265	78,886,963
Lake Michigan	712,448 ⁵	...	...	...	533,650	650,067	2,167,508	4,063,673
Lake Huron	2,496,741 ⁵	...	...	...	250,440	576,357	91,284	3,414,822
Lake Erie ²	6,632,751 ⁵	...	...	...	10,748,554	2,580,876	1,506,943	21,469,124
Lake Ontario ³	346,316	156,471	114,319	2,146,979	105,318	686,839	222,932	3,779,174
St. Lawrence River	7,474	5,249,317	37,398	10,726,060	5,195,789	...	—	21,216,038
Other than the Great Lakes and the St. Lawrence River ⁴	91,641	2,574,352	19,097	3,989,325	2,222,117	42,050	...	8,938,582
Totals	10,287,371	27,485,942	1,549,248	63,449,400	22,876,981	10,024,502	6,094,932	141,768,376

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	—	—	3,039,072	—	777,808	12,857	1,702,006	1,674,830	7,206,573	7,006,618
St. Lawrence and Welland	—	—	14,982,652	457	11,574	222,942	450,826	7,522,746	23,191,197	19,684,841
St. Lawrence, Welland and Sault Ste. Marie ²	—	—	—	—	—	—	—	8,333	8,333	14,490
Welland only	—	3,525	494,720	—	—	119,946	348,522	1,914,624	2,881,337	2,553,848
Welland and Sault Ste. Marie ²	—	—	—	—	—	—	3,602	139,604	143,206	118,997
Sault Ste. Marie only ²	—	—	—	—	—	—	164,653	174,434	339,087	296,397
Totals	—	3,525	18,516,444	457	789,382	355,745	2,669,609	11,434,571	33,769,733	29,675,187
Downbound:										
St. Lawrence only	14	318,885	—	550	10,675	20	41,884	844,331	1,216,359	1,197,440
St. Lawrence and Welland	3,153,678	6,230,111	200	422,702	405,818	11,823	17,365	6,067,356	16,309,053	16,077,250
St. Lawrence, Welland and Sault Ste. Marie ²	—	—	—	—	—	—	—	14,347	14,347	20,877
Welland only	—	—	—	—	—	—	—	—	—	—
Welland and Sault Ste. Marie ²	244,630	579,207	2,873,771	—	9,397,175	—	473,520	1,898,998	15,467,301	14,333,854
Sault Ste. Marie only ²	—	—	—	—	—	—	3,354	86,607	89,961	46,295
Sault Ste. Marie only ²	2,994	—	—	—	—	57,166	11,296	362,951	434,407	475,288
Totals	3,401,316	7,128,203	2,873,971	423,252	9,813,668	69,009	547,419	9,274,590	33,531,428	32,151,006
Grand Totals	3,401,316	7,131,728	21,390,415	423,709	10,603,050	424,754	3,217,028	20,709,161	67,301,161	61,826,193

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	—	26	—	—	92	66	92	—	92
Sault Ste. Marie section	—	27	—	—	—	64	—	—	91
Welland section	1,122	—	—	4,353	—	1	1,122	—	4,354
Totals	1,122	53	—	4,353	92	131	1,214	—	4,537
	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	1	—	34	53	—	85	54	—	112
Welland section	—	—	15	53	—	85	53	—	100
Sault Ste. Marie section	51,085	—	—	—	81,450	—	51,085	81,450	—
Totals	51,086	—	49	106	81,450	170	51,192	81,450	219

SECTION II

ST. LAWRENCE SEAWAY CANALS

TABLE 8. 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	181	2,405	2,585	15,322,673	21,816,078	27,547,994	184
SCOW, BARGE, ETC	1		1	99	99		
TANKER	18	498	516	1,395,319	2,170,717	2,847,122	
TUG OR DREDGE	79		79	5,335	14,344		
TUG AND SCOW	57	9	66	38,090	38,202	10,957	
NAVAL OR GOVERNMENT	164		164	10,465	22,050		
OTHER	24	1	25	4,067	6,159	30	
TOTAL	524	2,913	3,437	16,776,048	24,067,649	30,406,103	184
DOWNBOUND.							
CARGO	757	1,845	2,602	15,384,081	21,916,442	17,149,011	173
SCOW, BARGE, ETC	4		4	1,826	1,826		
TANKER	443	66	509	1,355,671	2,107,187	380,377	
TUG OR DREDGE	83		83	6,203	14,154		
TUG AND SCOW	57	4	61	63,110	63,143	9,810	
NAVAL OR GOVERNMENT	175		175	21,816	40,382		
OTHER	26		26	2,893	6,902		
TOTAL	1,545	1,915	3,460	16,835,600	24,150,036	17,539,798	173
GRAND TOTALS	2,069	4,828	6,897	33,611,648	48,217,685	47,945,901	357

TABLE 9. 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	373	1,611	1,984	10,467,984	13,528,742	20,394,228	
UNITED STATES	104	112	216	813,700	1,180,320	1,823,701	
UNITED KINGDOM	5	170	175	650,290	1,158,672	918,849	59
OTHER BRITISH COMMONWEALTH	7	61	68	318,842	543,022	359,135	
BELGIUM		19	19	218,012	304,435	340,998	
DENMARK	3	17	20	57,956	104,959	75,536	
FINLAND	3	7	10	16,668	30,936	26,594	
FRANCE	1	46	47	258,609	432,164	429,410	
GERMANY	6	228	234	600,269	1,018,755	921,702	56
GREECE	1	43	44	219,507	363,918	367,864	
ITALY		37	37	215,231	377,726	403,016	
NETHERLANDS	3	54	57	253,522	434,288	435,851	9
NORWAY	10	236	246	1,182,231	2,083,793	1,593,522	16
SWEDEN	1	37	38	139,672	256,150	197,102	3
SPAIN	1	3	4	10,634	16,939	19,006	
YUGOSLAVIA	1	30	31	166,250	276,220	264,163	41
OTHER EUROPEAN COUNTRIES		40	40	141,586	259,570	198,684	
PANAMA	1	8	9	55,007	89,047	87,564	
MIDDLE EAST COUNTRIES	1	24	25	151,255	256,738	241,107	
JAPAN		33	33	164,082	288,135	187,140	
ASIAN COUNTRIES		3	3	20,706	28,964	28,192	
LIBERIA	3	94	97	650,035	1,034,156	1,092,739	
TOTAL	524	2,913	3,437	16,776,048	24,067,649	30,406,103	184
DOWNBOUND							
CANADA	1,143	841	1,984	10,486,901	13,556,223	10,062,513	
UNITED STATES	203	35	238	850,977	1,231,049	242,005	
UNITED KINGDOM	35	142	177	656,811	1,170,246	766,487	27
OTHER BRITISH COMMONWEALTH	13	47	60	292,193	487,905	344,934	
BELGIUM		19	19	218,012	304,436	356,361	
DENMARK	2	18	20	57,956	104,959	84,486	2
FINLAND	2	8	10	16,668	30,936	11,346	
FRANCE	4	44	48	270,052	448,034	438,951	
GERMANY	26	204	230	574,082	977,892	827,446	32
GREECE	12	36	48	243,400	403,836	303,050	
ITALY	5	31	36	206,673	365,870	339,464	
NETHERLANDS	12	44	56	247,757	425,880	283,394	18
NORWAY	49	202	251	1,201,568	2,118,343	1,600,257	51
SWEDEN	1	36	37	145,857	268,064	191,762	1
SPAIN	1	3	4	10,639	16,939	18,322	
YUGOSLAVIA	5	27	32	173,192	284,475	242,432	42
OTHER EUROPEAN COUNTRIES		41	41	144,333	261,353	170,577	
PANAMA	2	8	10	56,149	91,182	90,549	
MIDDLE EAST COUNTRIES	1	24	25	151,255	256,738	229,886	

TABLE 9. 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				
DOWNBOUND							
JAPAN		35	35	176,520	302,379	162,221	
ASIAN COUNTRIES		3	3	20,708	28,964	27,272	
LIBERIA	29	67	96	633,947	1,014,383	746,083	
TOTAL	1,545	1,915	3,460	16,835,600	24,150,036	17,539,798	173
GRAND TOTALS	2,069	4,828	6,897	33,611,648	48,217,685	47,945,901	357

TABLE 10. 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	167	2	169	5,750	6,710	50	
80 TO 119 FEET	117	34	151	21,645	35,035	9,748	
120 TO 159 FEET	56	27	83	21,970	34,563	13,638	
160 TO 199 FEET	18	34	52	13,649	28,310	23,698	
200 TO 239 FEET	9	12	21	22,493	27,464	24,451	
240 TO 279 FEET	42	331	373	508,517	755,049	1,035,907	
280 TO 319 FEET	6	110	116	175,944	287,884	348,452	1
320 TO 359 FEET	14	231	245	525,920	815,198	1,018,665	8
360 TO 399 FEET	4	244	248	550,570	954,386	1,003,818	36
400 TO 439 FEET	13	235	248	799,412	1,285,072	861,008	22
440 TO 479 FEET	12	217	229	886,825	1,510,192	1,100,597	95
480 TO 519 FEET	11	266	277	1,426,257	2,408,186	2,107,856	21
520 TO 559 FEET	13	255	268	1,687,158	2,635,985	2,758,497	1
560 TO 599 FEET	13	111	124	939,829	1,436,879	1,487,620	
600 TO 639 FEET	12	153	165	1,284,435	1,745,900	2,412,467	
640 TO 679 FEET	4	144	148	1,284,118	1,796,090	2,932,515	
680 TO 759 FEET	13	507	520	6,621,556	8,244,746	13,267,116	
TOTAL	524	2,913	3,437	16,776,048	24,067,649	30,406,103	184
DOWNBOUND.							
UNDER 80 FEET	164	1	165	5,334	6,387	400	
80 TO 119 FEET	141	3	144	33,608	50,301	618	
120 TO 159 FEET	48	43	91	24,147	37,622	21,497	
160 TO 199 FEET	32	26	58	18,387	33,797	14,688	
200 TO 239 FEET	19	5	24	20,988	29,855	10,639	
240 TO 279 FEET	255	122	377	513,790	764,177	345,673	
280 TO 319 FEET	53	63	116	176,694	289,962	191,958	
320 TO 359 FEET	111	133	244	520,297	811,908	447,103	20
360 TO 399 FEET	79	166	245	547,328	935,110	493,521	33
400 TO 439 FEET	35	223	258	828,924	1,333,420	882,101	42
440 TO 479 FEET	18	212	230	903,526	1,523,791	1,132,328	75
480 TO 519 FEET	38	244	282	1,443,531	2,491,662	1,980,347	3
520 TO 559 FEET	77	194	271	1,709,267	2,659,564	2,359,380	
560 TO 599 FEET	36	87	123	931,168	1,431,748	1,219,498	
600 TO 639 FEET	58	113	171	1,323,213	1,804,926	1,682,336	
640 TO 679 FEET	95	51	146	1,275,868	1,777,199	960,855	
680 TO 759 FEET	286	229	515	6,559,530	8,168,607	5,796,856	
TOTAL	1,545	1,915	3,460	16,835,600	24,150,036	17,539,798	173
GRAND TOTALS	2,069	4,828	6,897	33,611,648	48,217,685	47,945,901	357

TABLE 11A. 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			
ST. LAWRENCE RIVER PORTS									
COUNTRY OF REGISTRY									
CANADA	1,064	3,394,590	4,571,609	850	6,603,907	8,304,864	1,914	9,998,497	12,876,473
UNITED STATES	3	3,245	3,245	180	665,947	954,375	183	669,192	957,620
UNITED KINGDOM	3	7,827	15,957				3	7,827	15,957
OTHER COMMONWEALTH COUNTRIES	2	14,400	25,216	2	12,457	17,430	4	26,857	42,646
ITALY	3	22,296	37,383				3	22,296	37,383
PANAMA				1	10,143	15,526	1	10,143	15,526
LIBERIA	4	26,610	44,697	2	11,498	19,487	6	38,108	64,184
TOTAL	1,079	3,468,968	4,698,107	1,035	7,303,952	9,311,682	2,114	10,772,920	14,009,789

TABLE 11A. 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	48	403,810	557,736	25	65,677	94,533	70	469,487	652,269
UNITED STATES	5	5,788	5,911	27	138,720	216,789	33	144,508	222,700
UNITED KINGDOM	43	145,871	262,742	129	496,592	477,973	172	642,463	1,142,715
OTHER COMMONWEALTH COUNTRIES	14	59,559	105,432	50	232,426	394,944	64	291,985	500,376
BELGIUM	1	8,127	11,515	18	209,885	292,920	19	218,012	304,435
DENMARK	4	8,617	15,421	16	49,339	89,538	20	57,956	104,359
FINLAND	1	7,186	11,966	9	9,482	18,970	10	16,668	30,336
FRANCE	1	3,008	5,993	46	255,601	426,171	47	258,609	432,164
GERMANY	41	76,818	133,110	191	523,451	885,645	234	600,269	1,018,755
GREECE	1	1,730	3,534	43	217,777	360,384	44	219,507	363,918
ITALY	3	9,712	16,869	31	183,223	323,474	34	192,935	340,343
NETHERLANDS	6	43,743	75,617	51	209,779	358,671	57	253,522	434,289
NORWAY	38	188,583	335,753	208	993,648	1,748,040	246	1,182,231	2,083,793
SWEDEN	10	42,563	82,344	28	97,107	173,802	38	139,672	256,150
SPAIN	1	863	1,568	3	9,771	15,371	4	10,634	16,339
YUGOSLAVIA	1	12,572	20,877	28	153,678	255,343	31	166,250	276,220
OTHER EUROPEAN COUNTRIES	26	59,128	117,547	14	82,458	142,023	40	141,586	259,570
PANAMA				8	44,864	73,521	8	44,864	73,521
MIDDLE EAST COUNTRIES	2	23,730	38,494	23	127,525	218,244	25	151,255	256,738
JAPAN	2	11,323	18,829	31	156,759	269,306	33	168,082	288,135
ASIAN COUNTRIES				3	20,706	28,964	3	20,706	28,964
LIBERIA	15	95,917	154,281	76	516,010	815,691	91	611,927	969,372
TOTAL	269	1,208,648	1,975,543	1,058	4,794,480	8,082,317	1,323	6,003,128	10,057,960
GRAND TOTALS	1,344	4,677,616	6,673,650	2,093	12,098,432	17,393,999	3,437	16,776,048	24,067,649

TABLE 11B. 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	1,253	5,244,546	6,896,873	660	4,764,432	5,390,219	1,913	10,008,978	12,887,092
UNITED STATES	6	30,299	35,746	182	673,034	963,794	188	703,333	999,540
UNITED KINGDOM	2	5,499	11,055	1	10,347	16,509	3	15,846	27,654
OTHER COMMONWEALTH COUNTRIES	4	26,935	44,436	1	8,268	10,818	5	35,203	55,254
GERMANY	1	1,026	2,204				1	1,026	2,204
GREECE	2	3,402	6,513	1	5,911	10,494	3	9,313	17,007
ITALY	2	14,864	24,922				2	14,864	24,922
NORWAY	1	6,306	11,177				1	6,306	11,177
SWEDEN	1	3,259	8,544				1	3,259	8,544
SPAIN				1	1,402	2,889	1	1,402	2,889
PANAMA				1	2,039	3,623	1	2,039	3,623
LIBERIA	4	29,501	47,541	6	55,650	84,559	10	85,151	132,100
TOTAL	1,276	5,365,637	7,089,011	853	5,521,083	7,082,995	2,129	10,886,720	14,172,006
OTHER THAN ST. LAWRENCE RIVER PORTS									
COUNTRY OF REGISTRY									
CANADA	65	456,075	636,069	6	21,848	33,062	71	477,923	669,131
UNITED STATES	4	8,063	12,332	46	139,581	219,117	50	147,644	231,504
UNITED KINGDOM	52	184,051	327,296	122	456,914	815,296	174	640,965	1,142,592
OTHER COMMONWEALTH COUNTRIES	13	50,815	89,760	42	206,175	342,891	55	256,990	432,651
BELGIUM	2	23,562	30,692	17	194,450	273,744	19	218,012	304,436
DENMARK	6	19,914	35,057	14	38,042	69,022	20	57,956	104,359
FINLAND	1	7,186	11,966	9	9,482	18,970	10	16,668	30,336
FRANCE	2	9,280	17,436	46	260,772	430,598	48	270,052	448,034
GERMANY	42	89,754	153,804	187	483,302	821,884	229	573,056	975,888
GREECE	1	1,001	2,039	44	233,085	384,790	45	234,087	386,829
ITALY	7	35,807	63,448	27	155,952	277,450	34	191,759	340,998
NETHERLANDS	12	77,542	133,279	44	170,215	292,601	56	247,757	425,880
NORWAY	44	220,232	392,468	206	975,030	1,714,698	250	1,195,262	2,107,166
SWEDEN	9	39,171	73,794	27	103,427	185,726	36	142,598	259,520
SPAIN	1	863	1,568	2	8,374	12,482	3	9,237	14,050
YUGOSLAVIA	3	12,383	20,877	29	160,809	263,598	32	173,192	284,475
OTHER EUROPEAN COUNTRIES	27	62,060	122,958	14	82,273	138,395	41	144,333	261,353
PANAMA				9	54,110	87,559	9	54,110	87,559
MIDDLE EAST COUNTRIES				25	151,255	256,738	25	151,255	256,738
JAPAN	2	11,323	18,829	33	165,197	283,550	35	176,520	302,379
ASIAN COUNTRIES				3	20,708	28,964	3	20,708	28,964
LIBERIA	15	95,063	164,117	71	453,733	718,166	86	548,796	882,183
TOTAL	308	1,404,145	2,307,849	1,023	4,544,735	7,670,181	1,331	5,948,880	9,978,330
GRAND TOTALS	1,584	6,769,782	9,396,860	1,876	10,065,818	14,753,176	3,460	16,835,600	24,150,336

TABLE 12. NUMBER AND TONNAGE OF VESSELS THROUGH THE ST. LAWRENCE CANALS 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	930	7,144,513	9,202,938	1,001	3,301,228	4,303,449	53	22,243	22,355	1,984	10,467,984	13,528,742
UNITED STATES ..	94	614,445	914,651	108	183,309	249,723	14	15,946	15,946	216	813,700	1,180,320
UNITED KINGDOM ..	37	100,675	185,397	138	549,615	973,275				175	650,290	1,158,672
OTHER BRITISH COMMONWEALTH ..	2	12,457	17,430	66	306,385	525,592				68	318,842	543,022
BELGIUM				19	218,012	304,435				19	218,012	304,435
DENMARK				20	57,956	104,959				20	57,956	104,959
FINLAND				10	16,668	30,936				10	16,668	30,936
FRANCE				47	258,609	432,164				47	258,609	432,164
GERMANY	2	3,909	7,241	237	596,360	1,011,514				234	600,269	1,011,755
GREECE	6	20,771	34,442	38	198,736	329,476				44	219,507	363,318
ITALY	1	7,432	12,461	36	207,799	365,265				37	215,231	377,726
NETHERLANDS ..				57	253,522	434,288				57	253,522	434,288
NORWAY	3	18,200	30,710	243	1,164,031	2,053,083				246	1,182,731	2,083,793
SWEDEN				38	139,672	256,150				38	139,672	256,150
SPAIN				4	10,634	16,939				4	10,634	16,939
YUGOSLAVIA ..				31	166,250	276,220				31	166,250	276,220
OTHER EUROPEAN ..	7	9,148	16,026	38	132,438	243,544				40	141,586	259,570
PANAMA				9	55,007	89,047				9	55,007	89,047
MIDDLE EAST				25	151,255	256,738				25	151,255	256,738
JAPAN				33	168,082	288,135				33	168,082	288,135
OTHER ASIAN	1	6,563	9,111	2	14,145	19,853				3	20,708	28,964
LIBERIA	17	87,965	134,499	85	562,070	899,657				97	650,035	1,034,156
TOTAL	1,090	8,026,078	10,564,906	2,280	8,711,781	13,464,442	67	38,189	38,301	3,437	16,776,048	24,067,649
DOWNBOUND.												
CANADA	938	7,149,786	9,215,996	995	3,295,644	4,298,723	51	41,471	41,504	1,984	10,486,901	13,556,223
UNITED STATES ..	101	646,055	959,286	123	181,457	248,298	14	23,465	23,465	238	850,977	1,231,049
UNITED KINGDOM ..	36	107,072	193,373	141	549,739	976,873				177	656,811	1,170,246
OTHER BRITISH COMMONWEALTH ..	4	25,216	39,754	56	266,977	448,151				60	292,193	487,905
BELGIUM				19	218,012	304,436				19	218,012	304,436
DENMARK	2	5,627	10,610	18	57,329	94,349				20	57,956	104,959
FINLAND				10	16,668	30,936				10	16,668	30,936
FRANCE	1	3,803	7,109	47	266,249	440,925				48	270,052	448,034
GERMANY	3	12,246	21,111	227	561,836	956,781				230	574,082	977,892
GREECE	6	16,945	29,785	42	226,455	374,051				48	243,400	403,836
ITALY	1	7,432	12,461	35	199,191	353,359				36	206,623	365,820
NETHERLANDS ..				56	247,757	425,880				56	247,757	425,880
NORWAY	5	21,526	37,027	246	1,180,042	2,081,246				251	1,201,568	2,118,343
SWEDEN				37	145,857	268,064				37	145,857	268,064
SPAIN				4	10,639	16,939				4	10,639	16,939
YUGOSLAVIA ..				37	173,142	284,475				32	173,192	284,475
OTHER EUROPEAN ..	2	7,878	16,295	39	136,455	245,058				41	144,333	261,353
PANAMA				10	56,149	91,182				10	56,149	91,182
MIDDLE EAST				25	151,255	256,738				25	151,255	256,738
JAPAN				35	176,520	302,379				35	176,520	302,379
OTHER ASIAN	1	6,563	9,111	2	14,145	19,853				3	20,708	28,964
LIBERIA	9	63,389	102,378	87	570,558	912,005				96	633,947	1,014,383
TOTAL	1,109	8,073,538	10,654,366	2,286	8,697,126	13,430,701	65	64,936	64,969	3,460	16,835,600	24,150,036
GRAND TOTALS ..	2,199	16,099,616	21,219,272	4,566	17,408,907	26,895,143	132	103,125	103,270	6,897	33,611,648	48,217,685

TABLE 13. 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									
80 TO 119 FEET	37	6,358	8,748	36	18,772	25,635	73	25,130	34,383
120 TO 159 FEET	53	11,728	20,709	51	11,157	19,990	104	22,885	40,699
160 TO 199 FEET	47	11,866	24,224	47	12,262	24,224	94	24,128	48,448
200 TO 239 FEET	7	3,631	6,390	7	3,631	6,390	14	7,262	12,780
240 TO 279 FEET	160	224,322	329,499	161	225,258	330,705	321	449,580	660,204
280 TO 319 FEET	85	129,646	213,792	86	131,169	217,633	171	260,815	431,425
320 TO 359 FEET	151	293,604	483,086	154	297,397	494,645	305	591,001	977,731
360 TO 399 FEET	186	382,126	694,684	181	369,480	665,580	367	751,606	1,360,264
400 TO 439 FEET	212	675,607	1,100,006	217	686,415	1,124,040	429	1,362,022	2,224,046
440 TO 479 FEET	223	866,145	1,473,223	226	889,504	1,498,588	449	1,755,649	2,971,811
480 TO 519 FEET	258	1,331,005	2,797,157	263	1,347,319	2,325,833	521	2,678,324	4,622,990
520 TO 559 FEET	235	1,469,691	2,268,695	238	1,486,657	2,289,723	473	2,956,348	4,558,418
560 TO 599 FEET	106	796,939	1,203,711	108	815,644	1,235,963	214	1,612,583	2,439,674

TABLE 13. 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	160	1,227,955	1,667,460	166	1,266,733	1,726,486	326	2,494,688	3,393,946
640 TO 679 FEET	148	1,284,118	1,796,090	146	1,275,868	1,777,199	294	2,559,986	3,573,289
680 TO 759 FEET	518	6,607,932	8,228,604	514	6,546,566	8,153,425	1,032	13,154,498	16,382,029
TOTALS	2,586	15,322,673	21,816,078	2,602	15,384,081	21,916,442	5,188	30,706,754	43,732,520
BARGE OR SCOW.									
UNDER 80 FEET	1	99	99	1	94	94	2	193	193
80 TO 119 FEET				1	311	311	1	311	311
160 TO 199 FEET				2	1,421	1,421	2	1,421	1,421
TOTALS	1	99	99	4	1,826	1,826	5	1,925	1,925
TANKER.									
120 TO 159 FEET	3	594	1,170	3	594	1,170	6	1,188	2,340
200 TO 239 FEET	1	2,442	3,367	1	2,442	3,367	2	4,884	6,734
240 TO 279 FEET	210	276,433	417,738	211	277,822	418,948	421	554,255	836,736
280 TO 319 FEET	28	45,552	69,434	28	45,520	69,525	56	91,072	138,959
320 TO 359 FEET	94	232,316	332,112	90	222,900	317,263	184	455,216	649,375
360 TO 399 FEET	62	168,444	259,702	63	172,729	264,411	125	341,173	524,113
400 TO 439 FEET	36	123,805	185,066	38	130,463	196,834	74	254,268	381,700
440 TO 479 FEET	6	20,680	36,969	4	14,022	25,203	10	34,702	62,172
480 TO 519 FEET	19	95,252	171,029	18	89,508	159,125	37	184,760	330,154
520 TO 559 FEET	33	217,467	367,290	32	214,703	361,934	65	432,170	729,224
560 TO 599 FEET	18	142,890	233,168	15	115,524	195,785	33	258,414	428,953
600 TO 639 FEET	5	56,480	78,440	5	56,480	78,440	10	112,960	156,880
680 TO 759 FEET	1	12,964	15,182	1	12,964	15,182	2	25,928	30,364
TOTALS	516	1,395,319	2,170,717	509	1,355,671	2,107,187	1,025	2,750,990	4,277,904
TUG OR DREDGE.									
UNDER 80 FEET	17	381	830	25	702	1,245	42	1,083	2,075
80 TO 119 FEET	62	4,954	13,514	58	5,501	12,909	120	10,455	26,423
TOTALS	79	5,335	14,344	83	6,203	14,154	162	11,538	28,498
TUG AND SCOW.									
UNDER 80 FEET	25	3,095	3,207	22	2,820	2,853	47	5,915	6,060
80 TO 119 FEET	18	7,410	7,410	12	5,132	5,132	30	12,542	12,542
120 TO 159 FEET	9	5,664	5,664	10	6,458	6,458	19	12,122	12,122
160 TO 199 FEET				1	1,089	1,089	1	1,089	1,089
200 TO 239 FEET	11	14,159	14,159	8	10,331	10,331	19	24,490	24,490
240 TO 279 FEET	1	7,762	7,762	3	7,804	7,804	6	15,566	15,566
360 TO 399 FEET				1	5,119	5,119	1	5,119	5,119
400 TO 439 FEET				2	9,746	9,746	2	9,746	9,746
480 TO 519 FEET				1	6,704	6,704	1	6,704	6,704
520 TO 559 FEET				1	7,907	7,907	1	7,907	7,907
TOTALS	66	38,090	38,202	61	63,110	63,143	127	101,200	101,345
OTHER VESSELS.									
UNDER 80 FEET	122	2,175	2,574	116	1,469	1,817	242	3,644	4,386
80 TO 119 FEET	34	2,923	5,363	37	3,892	6,314	71	6,815	11,677
120 TO 159 FEET	18	3,984	7,020	21	5,938	10,004	45	9,922	17,024
160 TO 199 FEET	5	1,783	4,086	8	3,615	7,063	13	5,398	11,149
200 TO 239 FEET	2	2,261	3,588	8	4,587	9,767	10	6,848	13,315
240 TO 279 FEET				2	2,906	6,720	2	2,906	6,720
280 TO 319 FEET	4	1,406	5,618	2	2	2,804	6	1,408	8,422
400 TO 639 FEET				1	2,300	2,800	1	2,300	2,800
TOTALS	189	14,532	28,209	201	24,709	47,284	390	39,241	75,493
GRAND TOTALS	3,437	16,776,048	24,067,649	3,460	16,835,600	24,150,036	6,897	33,611,648	48,217,685

TABLE 14. 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.									
6 TO 7 FEET	13	2,916	4,636	7	1,489	2,446	20	4,405	7,082
8 TO 9 FEET	17	13,844	21,996	15	4,969	7,330	32	18,813	29,326
10 TO 11 FEET	42	12,821	24,218	44	13,217	25,240	86	26,038	49,458
12 TO 13 FEET	70	27,638	46,241	71	23,786	40,951	141	51,424	87,192
14 TO 15 FEET	46	76,262	127,765	36	54,205	93,693	82	130,467	221,458
16 TO 17 FEET	185	449,135	693,825	198	456,237	706,654	383	905,372	1,400,479

TABLE 14. 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
18 TO 19 FEET	190	377,627	583,093	177	367,750	551,543	367	745,377	1,134,636
20 TO 21 FEET	288	1,046,395	1,513,247	294	1,117,895	1,573,027	582	2,164,290	3,086,274
22 TO 23 FEET	204	887,466	1,250,710	202	886,685	1,255,948	406	1,774,151	2,506,658
24 TO 25 FEET	369	2,445,735	3,443,863	417	2,695,642	3,811,219	786	5,141,377	7,255,082
26 TO 27 FEET	972	8,692,908	12,078,044	989	8,695,424	12,158,103	1,961	17,388,332	24,186,147
28 TO 29 FEET	85	473,926	773,980	70	421,057	664,965	155	894,983	1,438,945
30 FEET AND OVER	105	816,000	1,304,460	82	645,725	1,025,323	187	1,461,725	2,329,783
TOTALS	2,586	15,322,673	21,816,078	2,602	15,384,081	21,916,442	5,188	30,706,754	43,732,520
BARGE OR SCOW.									
5 FEET AND UNDER	1	99	99	1	311	311	2	410	410
6 TO 7 FEET				1	94	94	1	94	94
8 TO 9 FEET				1	591	591	1	591	591
10 TO 11 FEET				1	830	830	1	830	830
TOTALS	1	99	99	4	1,826	1,826	5	1,925	1,925
TANKER.									
10 TO 11 FEET	3	594	1,170	3	594	1,170	6	1,188	2,340
12 TO 13 FEET				1	1,409	1,757	1	1,409	1,757
14 TO 15 FEET	104	149,849	203,227	105	151,871	206,920	209	301,720	410,147
16 TO 17 FEET	87	173,135	273,237	86	172,873	270,782	173	346,008	544,019
18 TO 19 FEET	74	88,129	148,703	74	89,035	149,861	148	177,164	298,564
20 TO 21 FEET	27	69,509	105,963	27	67,017	101,455	54	136,526	207,418
22 TO 23 FEET	103	265,268	395,077	102	264,846	394,889	205	530,114	789,966
24 TO 25 FEET	39	120,309	172,898	37	111,827	159,170	76	232,136	332,068
26 TO 27 FEET	45	301,603	501,291	45	298,745	493,116	90	600,348	994,407
28 TO 29 FEET	16	78,043	136,702	12	64,281	110,741	28	142,324	247,443
30 FEET AND OVER	18	148,880	232,449	17	133,173	217,326	35	282,053	449,775
TOTALS	516	1,395,319	2,170,717	509	1,355,671	2,107,187	1,025	2,750,990	4,277,904
TUG OR OREGO.									
5 FEET AND UNDER	11	160	549	13	238	876	24	398	1,425
6 TO 7 FEET	7	274	764	11	650	1,769	18	924	2,533
8 TO 9 FEET	8	150	748	13	799	1,127	21	949	1,875
10 TO 11 FEET	4	408	703	5	282	895	9	690	1,598
12 TO 13 FEET	35	3,003	7,720	32	3,200	7,010	67	6,203	14,730
14 TO 15 FEET	14	1,340	3,860	9	1,034	2,477	23	2,374	6,337
TOTALS	79	5,335	14,344	83	6,203	14,154	162	11,538	28,498
TUG AND BARGE.									
5 FEET AND UNDER	29	6,732	6,807	27	6,861	6,861	56	13,593	13,663
6 TO 7 FEET	7	1,674	1,687	3	223	256	10	1,897	1,943
8 TO 9 FEET	7	2,545	2,574	7	4,161	4,161	14	6,706	6,735
10 TO 11 FEET	3	2,153	2,153	3	2,257	2,257	6	4,410	4,410
12 TO 13 FEET	14	14,933	14,933	14	22,795	22,795	28	37,728	37,728
14 TO 15 FEET	4	6,638	6,638	5	19,968	19,968	9	26,606	26,606
16 TO 17 FEET	2	3,415	3,415	2	6,845	6,845	4	10,260	10,260
TOTALS	66	38,090	38,202	61	63,110	63,143	127	101,200	101,345
OTHER VESSELS.									
5 FEET AND UNDER	112	1,403	1,653	110	1,192	1,934	222	2,595	3,587
6 TO 7 FEET	52	4,952	9,207	45	4,026	8,189	97	8,978	17,396
8 TO 9 FEET	6	754	1,117	9	1,829	2,445	15	2,583	3,562
10 TO 11 FEET	10	3,759	5,910	15	5,818	9,820	25	9,577	15,730
12 TO 13 FEET	3	974	5,151	13	3,794	9,623	16	4,768	14,774
14 TO 15 FEET	2	885	1,436	2	885	1,436	4	1,770	2,872
16 TO 17 FEET	3	826	2,295	3	980	2,877	6	1,806	5,172
18 TO 19 FEET	1	979	1,440	1	979	1,440	2	1,958	2,880
22 TO 23 FEET				1	2,300	2,800	1	2,300	2,800
24 TO 25 FEET				2	2,906	6,720	2	2,906	6,720
TOTALS	189	14,532	28,209	201	24,709	47,284	390	39,241	75,493
GRAND TOTALS	3,437	16,776,048	24,067,649	3,460	16,835,600	24,150,036	6,897	33,611,648	48,217,685

TABLE 15A. 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	5,683,220	11,712	5,694,932	15,587,939	187,207	15,775,146	21,271,159	198,919	21,470,078
TOTAL	5,683,220	11,712	5,694,932	15,587,939	187,207	15,775,146	21,271,159	198,919	21,470,078

TABLE 15A. 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
OTHER THAN ST. LAWRENCE R. PORTS									
CANADA ATLANTIC PORTS	706,266	2,143	708,409	27,869	121,265	149,134	734,135	123,408	857,543
U.S. ATLANTIC AND GULF PORTS	71,617	2,048	73,665	100,215	3,351	103,566	171,832	5,399	177,231
UNITED KINGDOM	25,196	162,295	187,491	40,280	780,851	821,131	65,476	943,146	1,008,622
OTHER BRITISH COMMONWEALTH ..	310,512	64,073	374,585	51,494	109,282	160,776	362,006	173,355	535,361
BELGIUM	902	123,881	124,783	43,282	1,938,040	1,981,322	44,184	2,061,921	2,106,105
DENMARK	65	3,321	3,386	2,010	7,954	9,964	2,075	11,275	13,350
FINLAND	7,104	1,949	9,053	67,465	11,440	78,905	74,569	13,389	87,958
FRANCE	284	8,958	9,242	53,249	175,276	228,525	53,533	184,234	237,767
GERMANY	1,058	75,976	77,034	1,313	399,821	401,134	2,371	475,797	478,168
GREECE		1,176	1,176		1,254	1,254		2,430	2,430
ITALY	17,846	34,796	52,642	26,242	189,555	215,797	44,088	224,351	268,437
NETHERLANDS	21,380	32,508	53,888	33,316	339,694	373,010	54,696	372,202	426,898
NORWAY		5,496	5,496	24,448	13,207	37,655	24,448	18,703	43,151
POLAND		24,339	24,339	3,309	52,679	55,988	3,309	77,018	80,327
PORTUGAL	5	15,778	15,783		18,327	18,327	5	34,105	34,110
SWEDEN	41	16,716	16,757	14,658	19,622	34,280	14,699	36,338	51,037
SPAIN	525	7,841	8,366	61,511	19,625	81,136	62,036	27,466	89,502
YUGOSLAVIA	563	4,072	4,635		17,878	17,878	563	21,950	22,513
OTHER EUROPEAN COUNTRIES	26,967	9,082	36,049		10,314	10,314	26,967	19,396	46,363
CENTRAL AMERICAN & CARIBBEAN	52,271	879	53,150	13,633	33	13,666	65,904	912	66,816
SOUTH AMERICAN COUNTRIES	361,896	16,845	378,741	28,596	256,178	284,774	390,492	273,023	663,515
MIDDLE EAST COUNTRIES	3	4,333	4,336		3,403	3,403	3	7,736	7,739
JAPAN	267	51,462	51,729		1,476,130	1,476,130	267	1,527,592	1,527,859
ASIAN COUNTRIES		16,044	16,044		31,690	31,690		47,734	47,734
LIBERIA		51	51		1,449	1,449		1,500	1,500
OTHER AFRICAN COUNTRIES	16,785	3,590	20,375	14,337	16,740	31,077	31,122	20,330	51,452
OTHER COUNTRIES	2,535		2,535				2,535		2,535
TOTAL	1,624,088	689,652	2,313,740	607,227	6,015,058	6,622,285	2,231,315	6,704,710	8,936,025
GRAND TOTALS	7,307,308	701,364	8,008,672	16,195,166	6,202,265	22,397,431	23,502,474	6,903,629	30,406,103

TABLE 15B. CARGO TONNAGE DOWNBOUND THROUGH THE ST. LAWRENCE CANALS BY DESTINATION AND ORIGIN.

PORTS OF UNLOADING	ORIGIN								
	CANADA			UNITED STATES			TOTAL		
	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL
ST. LAWRENCE RIVER PORTS.									
CANADA	6,178,506	5,989	6,184,495	3,802,599	1,084	3,803,683	9,981,105	7,073	9,988,178
UNITED STATES				62,562		62,562	62,562		62,562
TOTAL	6,178,506	5,989	6,184,495	3,865,161	1,084	3,866,245	10,043,667	7,073	10,050,740
OTHER THAN ST. LAWRENCE R. PORTS									
CANADA ATLANTIC PORTS	201,535		201,535		25	25	201,535	25	201,560
U.S. ATLANTIC AND GULF PORTS		7,223	7,223					7,223	7,223
UNITED KINGDOM	528,792	105,392	634,184	1,017,147	67,791	1,084,938	1,545,939	173,183	1,719,122
OTHER BRITISH COMMONWEALTH ..	32,480	42,017	74,497	102,353	155,599	257,952	134,833	197,616	332,449
BELGIUM	46,528	12,688	59,216	403,427	28,217	431,644	449,955	40,905	490,860
DENMARK	47	507	554	27,128	3,983	31,111	27,175	4,490	31,665
FINLAND		570	570	70	2,031	2,101	70	2,601	2,671
FRANCE	3,371	7,284	10,655	125,884	28,635	154,519	129,255	35,919	165,174
GERMANY	40,873	24,389	65,262	538,767	41,761	580,528	579,640	66,150	645,790
GREECE		744	744	611	702	1,313	611	1,446	2,057
ITALY	27,392	48,841	76,233	177,562	35,776	213,338	204,954	84,617	289,571
NETHERLANDS	73,139	15,773	88,912	1,452,184	84,813	1,536,997	1,525,323	100,586	1,625,909
NORWAY	32,814	1,115	33,929	42,843	4,459	47,302	75,657	5,574	81,231
POLAND		793	793	22,950	7,734	30,684	22,950	8,532	31,482
PORTUGAL		850	850	56,917	3,338	60,255	56,917	4,188	61,105
SWEDEN	11,008	3,258	14,266	26,978	18,015	44,993	37,986	21,273	59,259
SPAIN	13,658	5,361	19,019	213,013	64,853	277,866	226,671	70,214	296,885
YUGOSLAVIA		664	664	12,780	3,822	16,602	12,780	4,486	17,266
OTHER EUROPEAN COUNTRIES	21,426	11,527	32,953	20,619	5,711	26,330	42,045	17,238	59,283
PANAMA					1,530	1,530		1,530	1,530
CENTRAL AMERICAN & CARIBBEAN	9,148	7,696	16,844	15,590	12,266	27,856	24,738	19,962	44,700
SOUTH AMERICAN COUNTRIES	11,140	17,775	28,915	137,817	54,822	192,639	148,957	72,597	221,554
MIDDLE EAST COUNTRIES	13,929	3,984	17,913	63,991	25,815	89,806	77,920	29,799	107,719
JAPAN	2,547	11,754	14,301	572,239	41,027	613,266	574,786	52,781	627,567
ASIAN COUNTRIES		414	414	102,142	39,551	141,693	102,142	39,965	142,107
LIBERIA	4,532		4,532	241	729	970	4,773	729	5,502
OTHER AFRICAN COUNTRIES	734	6,992	7,726	199,069	11,022	210,091	199,803	18,014	217,817
TOTAL	1,075,093	337,611	1,412,704	5,332,322	744,032	6,076,354	6,407,415	1,081,643	7,489,058
GRAND TOTALS	7,253,599	343,600	7,597,199	9,197,483	745,116	9,942,599	16,451,082	1,088,716	17,539,798

TABLE 16A. 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	19,409,963	198,633	19,608,596
	UNITED STATES	1,678,015		1,678,015
	OTHER BRITISH COMMONWEALTH	48,510		48,510
	GERMANY		286	286
	ITALY	52,799		52,799
	NETHERLANDS			
	NORWAY	13,234		13,234
	LIBERIA	68,638		68,638
	TOTAL	21,271,159	198,919	21,470,078
	OTHER THAN ST. LAWRENCE RIVER PORTS	CANADA	733,444	52,188	785,632
UNITED STATES		94,521	51,165	145,686
UNITED KINGDOM		206,526	712,323	918,849
OTHER BRITISH COMMONWEALTH		77,702	232,923	310,625
BELGIUM			340,998	340,998
DENMARK		6,610	68,926	75,536
FINLAND		19,911	6,683	26,594
FRANCE		11,225	418,185	429,410
GERMANY		126,531	794,885	921,416
GREECE		42,615	325,249	367,864
ITALY		15,318	334,899	350,217
NETHERLANDS		97,707	338,144	435,851
NORWAY		473,096	1,107,192	1,580,288
SWEDEN		26,002	171,100	197,102
SPAIN		10,878	8,128	19,006
YUGOSLAVIA		28,500	235,663	264,163
OTHER EUROPEAN COUNTRIES		31,684	167,000	198,684
PANAMA		11,657	75,907	87,564
MIDDLE EAST COUNTRIES		644	240,463	241,107
JAPAN		436	186,704	187,140
ASIAN COUNTRIES			28,192	28,192
LIBERIA		216,308	807,793	1,024,101
TOTAL		2,231,315	6,704,710	8,936,025
GRAND TOTALS	23,502,474	6,903,629	30,406,103	

TABLE 16B. 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	9,887,274	7,064	9,894,338
	UNITED STATES	133,882		133,882
	UNITED KINGDOM		1	1
	OTHER BRITISH COMMONWEALTH	16,252		16,252
	DENMARK		1	1
	GERMANY			
	NETHERLANDS			
	NORWAY			
	YUGOSLAVIA			
	OTHER EUROPEAN COUNTRIES		7	7
LIBERIA	6,259		6,259	
TOTAL	10,043,667	7,073	10,050,740	
OTHER THAN ST. LAWRENCE RIVER PORTS	CANADA	160,952	7,223	168,175
	UNITED STATES	67,355	40,768	108,123
	UNITED KINGDOM	634,985	131,501	766,486
	OTHER BRITISH COMMONWEALTH	202,697	125,985	328,682
	BELGIUM	356,361		356,361
	DENMARK	58,353	26,133	84,486
	FINLAND	4,748	6,598	11,346
	FRANCE	425,893	13,058	438,951
	GERMANY	600,384	227,061	827,445
	GREECE	272,927	30,123	303,050
	ITALY	321,539	17,925	339,464
	NETHERLANDS	247,908	35,486	283,394
	NORWAY	1,435,875	164,382	1,600,257
	SWEDEN	153,317	38,445	191,762
	SPAIN	18,322		18,322
	YUGOSLAVIA	207,875	34,557	242,432
	OTHER EUROPEAN COUNTRIES	139,681	30,889	170,570
	PANAMA	89,556	993	90,549
	MIDDLE EAST COUNTRIES	203,376	26,510	229,886
	JAPAN	110,939	51,282	162,221

TABLE 18. NUMBER AND TONNAGE OF VESSELS, CARGO TONNAGE, AND PASSENGERS THROUGH THE WELLAND 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	756	2,237	2,993	20,137,580	27,795,328	24,748,072	91
SCOW, BARGE, ETC	6		6	768	802		
TANKER	112	225	337	853,826	1,318,930	1,244,393	
TUG OR DREDGE	63	2	65	6,875	11,448	4,734	
TUG AND SCOW	64	95	159	189,109	189,801	226,088	
NAVAL OR GOVERNMENT	35		35	14,757	27,193		
OTHER	19		19	3,917	7,938		
TOTAL	1,055	2,559	3,614	21,206,832	29,351,440	26,224,187	91
DOWNBOUND.							
CARGO	517	2,488	3,005	20,284,386	27,978,417	30,679,392	153
SCOW, BARGE, ETC	6	1	7	6,266	6,266	2,917	
TANKER	145	193	338	847,296	1,308,918	945,406	
TUG OR DREDGE	51	1	52	5,431	9,771	872	
TUG AND SCOW	78	108	186	237,348	238,239	252,020	
NAVAL OR GOVERNMENT	51		51	23,898	38,992		
OTHER	20		20	2,424	6,463		
TOTAL	868	2,791	3,659	21,407,049	29,587,066	31,880,607	153
GRAND TOTALS	1,923	5,350	7,273	42,613,881	58,938,506	58,104,794	244

TABLE 19. NUMBER AND TONNAGE OF VESSELS, CARGO TONNAGE, AND PASSENGERS THROUGH THE WELLAND 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	814	1,272	2,086	14,476,700	18,551,569	16,542,516	
UNITED STATES	122	219	341	1,182,983	1,643,607	2,119,020	
UNITED KINGDOM	6	128	134	513,544	911,549	651,885	8
OTHER BRITISH COMMONWEALTH	59	131	190	993,564	1,445,518	1,130,517	
BELGIUM		19	19	218,012	304,435	340,998	
DENMARK	4	12	16	49,414	89,543	58,355	
FINLAND	3	6	9	9,482	18,970	10,327	
FRANCE	2	44	46	256,391	427,954	412,882	
GERMANY	7	193	200	541,418	918,547	750,439	40
GREECE	2	41	43	217,777	360,384	331,242	
ITALY		35	35	212,951	373,318	380,292	
NETHERLANDS	4	48	52	215,752	363,713	309,727	9
NORWAY	17	199	216	1,035,101	1,819,341	1,276,720	9
SWEDEN	1	27	28	97,109	173,802	159,114	2
SPAIN	1	3	4	10,634	16,339	18,655	
YUGOSLAVIA	1	27	28	154,110	256,088	238,964	23
OTHER EUROPEAN COUNTRIES	2	17	19	94,970	166,741	153,142	
PANAMA	1	8	9	55,007	89,347	86,206	
MIDDLE EAST COUNTRIES	1	24	25	151,255	256,738	223,057	
JAPAN		31	31	156,759	269,306	152,625	
ASIAN COUNTRIES		3	3	20,706	28,964	24,201	
LIBERIA	8	72	80	543,193	859,867	853,303	
TOTAL	1,055	2,559	3,614	21,206,832	29,351,440	26,224,187	91
DOWNBOUND							
CANADA	541	1,547	2,088	14,580,706	18,659,736	22,956,372	
UNITED STATES	173	200	373	1,246,396	1,718,503	848,102	
UNITED KINGDOM	24	113	137	521,047	925,372	638,340	10
OTHER BRITISH COMMONWEALTH	15	166	182	965,432	1,386,667	1,626,372	
BELGIUM		19	19	218,012	304,436	356,361	
DENMARK	1	15	16	49,414	89,543	76,331	2
FINLAND	1	8	9	9,482	18,970	11,336	
FRANCE	6	42	48	270,052	448,334	427,790	
GERMANY	22	175	197	508,440	868,437	739,785	29
GREECE	11	35	46	239,998	397,323	294,192	
ITALY	5	29	34	204,343	361,412	314,719	
NETHERLANDS	7	44	51	209,997	360,305	276,920	18
NORWAY	38	191	229	1,085,269	1,915,371	1,529,897	51
SWEDEN		27	27	103,427	185,726	168,939	1
SPAIN	1	3	4	10,639	16,939	18,322	
YUGOSLAVIA	4	26	30	165,425	272,598	226,002	42
OTHER EUROPEAN COUNTRIES	2	18	18	91,926	157,616	151,221	
PANAMA		8	10	56,149	91,182	90,549	

TABLE 19. 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				
MIDDLE EAST COUNTRIES	1	24	25	151,255	256,738	215,136	
JAPAN		33	33	165,197	283,950	155,911	
ASIAN COUNTRIES		3	3	20,708	29,464	27,272	
LIBERIA	15	65	80	531,740	839,444	731,638	
TOTAL	869	2,791	3,659	21,407,047	29,587,366	31,880,607	153
GRAND TOTALS	1,923	5,350	7,273	47,613,881	58,938,506	58,104,794	244

TABLE 20. 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	52		52	2,559	3,968		
80 TO 119 FEET	60		60	9,049	13,112		
120 TO 159 FEET	26	19	45	10,577	17,479	10,795	
160 TO 199 FEET	21	39	60	21,773	37,625	30,311	
200 TO 239 FEET	26	92	118	155,923	160,715	218,411	
240 TO 279 FEET	100	167	267	359,569	538,200	522,826	
280 TO 319 FEET	40	98	138	219,794	330,178	323,189	
320 TO 359 FEET	27	182	209	457,905	691,635	741,118	1
360 TO 399 FEET	19	196	215	470,306	808,517	643,290	3
400 TO 439 FEET	40	127	167	494,937	807,024	557,673	27
440 TO 479 FEET	41	297	338	1,320,624	2,105,303	1,197,571	11
480 TO 519 FEET	30	257	287	1,433,539	2,408,087	1,879,890	64
520 TO 559 FEET	107	254	361	2,167,364	3,156,371	2,652,399	8
560 TO 599 FEET	29	146	175	1,213,730	1,830,863	1,897,819	4
600 TO 639 FEET	41	145	186	1,424,662	1,925,866	2,274,378	
640 TO 679 FEET	56	152	208	1,733,043	2,519,430	3,036,165	
680 TO 759 FEET	340	388	728	9,651,478	11,997,067	10,238,322	
TOTAL	1,355	2,559	3,614	21,706,832	29,351,440	26,724,187	91
DOWNBOUND.							
UNDER 80 FEET	53		53	4,675	6,048		
80 TO 119 FEET	56		56	10,842	13,838		
120 TO 159 FEET	38	10	48	12,108	18,750	5,520	
160 TO 199 FEET	48	12	60	24,371	39,715	6,896	
200 TO 239 FEET	38	96	134	169,654	176,645	217,530	
240 TO 279 FEET	77	192	269	360,945	537,836	601,185	
280 TO 319 FEET	36	105	141	225,230	339,086	355,846	
320 TO 359 FEET	75	134	209	454,508	693,283	527,083	20
360 TO 399 FEET	34	178	212	464,406	786,468	563,266	30
400 TO 439 FEET	24	149	173	513,208	841,909	733,263	42
440 TO 479 FEET	16	324	340	1,336,463	2,127,587	1,512,897	51
480 TO 519 FEET	35	259	294	1,457,373	2,452,842	2,079,023	
520 TO 559 FEET	52	313	365	2,193,484	3,189,185	3,456,483	
560 TO 599 FEET	20	152	172	1,701,892	1,809,965	2,013,171	
600 TO 639 FEET	39	150	189	1,642,593	1,947,774	2,213,125	
640 TO 679 FEET	92	117	209	1,301,116	2,529,737	2,139,548	
680 TO 759 FEET	135	600	735	9,734,331	12,077,398	15,455,771	
TOTAL	868	2,791	3,659	21,407,049	29,587,066	31,880,607	153
GRAND TOTALS	1,923	5,350	7,273	47,613,881	58,938,506	58,104,794	244

TABLE 21A. 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	456	1,449,461	2,001,190	511	4,944,150	6,283,755	967	6,393,611	8,284,943
UNITED STATES	3	3,122	5,414	106	237,916	330,296	109	241,038	335,740
UNITED KINGDOM	1	17	17				1	17	17
OTHER COMMONWEALTH COUNTRIES	4	22,500	34,884	129	707,075	967,263	133	729,575	1,002,147
NETHERLANDS				1	5,973	10,042	1	5,973	10,042

TABLE 21A. NUMBER AND TONNAGE OF VESSELS UPBOUND THROUGH THE WELLDAN 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			
NORWAY				1	575	1,199	1	575	1,199
LIBERIA				2	7,781	13,409	2	7,781	13,409
TOTAL	464	1,475,100	2,041,505	750	5,903,470	7,605,964	1,214	7,378,570	9,647,469
PORTS ON THE ST. LAWRENCE RIVER. COUNTRY OF REGISTRY									
CANADA	294	1,443,490	1,912,672	791	6,512,722	8,169,466	1,085	7,956,212	10,082,138
UNITED STATES	1	1,401	1,401	100	658,689	945,640	101	660,090	947,041
UNITED KINGDOM	2	4,656	9,804				2	4,656	9,804
OTHER COMMONWEALTH COUNTRIES ..				3	17,792	24,042	3	17,792	24,042
ITALY	3	22,296	37,383				3	22,296	37,383
PANAMA				1	10,143	15,526	1	10,143	15,526
LIBERIA				1	4,658	8,198	1	4,658	8,198
TOTAL	300	1,471,843	1,961,260	896	7,204,004	9,162,872	1,196	8,675,847	11,124,132
PORTS OTHER THAN ON LAKE ONTARIO, AND THE ST. LAWRENCE RIVER. COUNTRY OF REGISTRY									
CANADA	9	61,200	89,953	25	65,677	94,533	34	126,877	184,486
UNITED STATES	5	4,558	4,681	126	277,297	356,175	131	281,855	360,856
UNITED KINGDOM	5	17,404	31,365	126	491,467	870,363	131	508,871	901,728
OTHER COMMONWEALTH COUNTRIES ..	5	16,494	28,734	49	229,703	390,595	54	246,197	419,329
BELGIUM	1	8,127	11,515	18	209,885	292,920	19	218,012	304,435
DENMARK	1	2,417	4,267	15	46,997	85,276	16	49,414	89,543
FINLAND				9	9,482	18,970	9	9,482	18,970
FRANCE	1	3,008	5,993	45	253,383	421,961	46	256,391	427,954
GERMANY	10	20,859	37,862	190	520,559	880,685	200	541,418	918,547
GREECE				43	217,777	360,384	43	217,777	360,384
ITALY	1	7,432	12,461	31	183,223	323,474	32	190,655	335,935
NETHERLANDS				51	209,779	358,671	51	209,779	358,671
NORWAY	11	55,389	97,468	204	979,137	1,721,174	215	1,034,526	1,818,642
SWEDEN				28	97,109	173,802	28	97,109	173,802
SPAIN	1	863	1,568	3	9,771	15,371	4	10,634	16,939
YUGOSLAVIA	1	5,616	9,000	27	148,494	247,088	28	154,110	256,088
OTHER EUROPEAN COUNTRIES	5	12,512	24,718	14	82,458	142,023	19	94,970	166,741
PANAMA				8	44,864	73,521	8	44,864	73,521
MIDDLE EAST COUNTRIES	2	23,730	38,494	23	127,525	218,244	25	151,255	256,738
JAPAN				31	156,759	269,306	31	156,759	269,306
ASIAN COUNTRIES				3	20,706	28,964	3	20,706	28,964
LIBERIA	3	22,862	36,342	74	507,892	801,918	77	530,754	838,260
TOTAL	61	262,471	434,421	1,143	4,889,944	8,145,418	1,204	5,152,415	8,579,839
GRAND TOTALS	825	3,209,414	4,437,186	2,789	17,997,418	24,914,254	3,614	21,206,832	29,351,440

TABLE 21B. NUMBER AND TONNAGE OF VESSELS DOWNBOUND THROUGH THE WELLDAN 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	453	1,461,218	2,034,949	538	5,218,922	6,590,013	991	6,680,140	8,624,962
UNITED STATES	4	6,416	10,764	100	244,840	335,917	104	251,256	346,681
UNITED KINGDOM	1	11	17	1	2,072	3,821	2	2,083	3,838
OTHER COMMONWEALTH COUNTRIES ..	11	45,347	57,675	122	683,893	938,788	133	729,240	996,463
GERMANY				1	1,142	1,653	1	1,142	1,653
GREECE				1	1,001	2,039	1	1,001	2,039
TOTAL	469	1,512,992	2,103,405	763	6,151,870	7,872,231	1,232	7,664,862	9,975,636
PORTS ON THE ST. LAWRENCE RIVER. COUNTRY OF REGISTRY									
CANADA	471	3,107,522	4,002,242	594	4,666,050	5,844,767	1,065	7,773,572	9,847,009
UNITED STATES	3	17,853	23,300	100	664,904	953,631	103	682,757	976,931
UNITED KINGDOM				1	10,347	16,599	1	10,347	16,599
OTHER COMMONWEALTH COUNTRIES ..	1	5,335	6,612	1	8,268	10,818	2	13,603	17,430
GERMANY	1	1,026	2,204				1	1,026	2,204
GREECE				1	5,911	10,494	1	5,911	10,494
ITALY	2	14,864	24,922				2	14,864	24,922
SPAIN				1	1,402	2,889	1	1,402	2,889
PANAMA				1	2,039	3,623	1	2,039	3,623
LIBERIA	2	16,359	25,417	4	41,970	61,981	6	58,329	87,398
TOTAL	480	3,162,959	4,084,697	703	5,400,891	6,904,802	1,183	8,563,850	10,989,499
PORTS OTHER THAN ON LAKE ONTARIO, AND THE ST. LAWRENCE RIVER. COUNTRY OF REGISTRY									
CANADA	25	103,742	153,299	7	23,252	34,466	32	126,994	187,765

TABLE 21B. 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			
UNITED STATES	2	6,084	8,681	164	306,299	386,210	166	312,383	394,891
UNITED KINGDOM	15	57,898	100,821	119	450,719	803,814	134	508,617	904,635
OTHER COMMONWEALTH COUNTRIES ..	5	16,414	29,883	42	206,175	342,891	47	222,589	372,774
BELGIUM	2	23,562	30,692	17	194,450	273,744	19	218,012	304,436
DENMARK	2	11,372	19,641	14	38,042	69,902	16	49,414	89,543
FINLAND				9	9,482	18,970	9	9,482	18,970
FRANCE	2	9,280	17,436	46	260,772	430,598	48	270,052	448,034
GERMANY	11	41,109	70,491	184	465,163	794,089	195	506,272	864,580
GREECE				44	233,086	384,790	44	233,086	384,790
ITALY	5	33,527	59,040	27	155,952	277,450	32	189,479	336,490
NETHERLANDS	7	39,777	67,704	44	170,215	292,601	51	209,992	360,305
NORWAY	22	106,367	192,175	207	979,907	1,723,696	229	1,086,269	1,915,871
SWEDEN				27	103,427	185,726	27	103,427	185,726
SPAIN	1	863	1,568	2	8,374	12,482	3	9,237	14,050
YUGOSLAVIA	1	5,616	9,000	29	160,809	263,598	30	166,425	272,598
OTHER EUROPEAN COUNTRIES	4	9,653	19,221	14	82,273	138,395	18	91,926	157,616
PANAMA				9	54,110	87,559	9	54,110	87,559
MIDDLE EAST COUNTRIES				25	151,255	256,738	25	151,255	256,738
JAPAN				33	165,197	283,550	33	165,197	283,550
ASIAN COUNTRIES				3	20,708	28,964	3	20,708	28,964
LIBERIA	4	23,073	39,993	70	450,338	712,053	74	473,411	752,046
TOTAL	108	488,337	819,645	1,136	4,690,000	7,802,286	1,244	5,178,337	8,621,931
GRAND TOTALS	1,057	5,164,288	7,007,747	2,602	16,242,761	22,579,319	3,659	21,407,049	29,587,066

TABLE 22. NUMBER AND TONNAGE OF VESSELS THROUGH THE WELLAND 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	1,155	7,305,891	11,944,597	896	5,167,823	6,598,622	35	7,986	8,350	2,086	14,476,700	18,551,569
UNITED STATES	134	764,986	1,136,165	77	236,106	325,189	130	181,891	182,253	341	1,182,983	1,643,507
UNITED KINGDOM	33	88,793	163,772	101	424,751	747,777				134	513,544	911,549
OTHER BRITISH COMMONWEALTH	115	647,311	849,328	75	346,253	596,190				190	993,564	1,445,518
BELGIUM				19	218,012	304,435				19	218,012	304,435
DENMARK				16	49,414	89,543				16	49,414	89,543
FINLAND				9	9,482	18,970				9	9,482	18,970
FRANCE				46	256,391	427,954				46	256,391	427,954
GERMANY	2	3,909	7,241	198	537,509	911,306				200	541,418	918,547
GREECE	6	20,771	34,442	37	197,006	325,947				43	217,777	360,384
ITALY	1	7,432	12,461	34	205,519	360,857				35	212,951	373,318
NETHERLANDS				52	215,752	368,713				52	215,752	368,713
NORWAY	3	18,200	30,710	213	1,016,901	1,789,131				216	1,035,191	1,819,841
SWEDEN				28	97,109	173,802				28	97,109	173,802
SPAIN				4	10,634	16,939				4	10,634	16,939
YUGOSLAVIA				28	154,110	256,088				28	154,110	256,088
OTHER EUROPEAN	2	9,148	16,026	17	85,822	150,715				19	94,970	166,741
PANAMA				9	55,007	89,047				9	55,007	89,047
MIDDLE EAST				25	151,255	256,738				25	151,255	256,738
JAPAN				31	156,759	269,306				31	156,759	269,306
OTHER ASIAN	1	6,563	9,111	2	14,143	19,853				3	20,706	28,964
LIBERIA	7	44,562	70,428	73	498,631	789,439				80	543,193	859,867
TOTAL	1,459	10,917,566	14,274,281	1,990	10,099,389	14,886,556	165	189,877	190,603	3,614	21,206,832	29,351,440
DOWNBOUND.												
CANADA	1,161	9,357,411	11,998,729	880	5,195,756	6,633,092	47	27,539	27,915	2,088	14,580,706	18,659,736
UNITED STATES	142	799,623	1,185,549	85	230,698	316,364	146	216,075	216,590	373	1,246,396	1,718,503
UNITED KINGDOM	33	97,250	175,574	104	423,797	749,498				137	521,047	925,072
OTHER BRITISH COMMONWEALTH	119	668,848	885,941	63	296,584	500,726				182	965,432	1,386,667
BELGIUM				19	218,012	304,436				19	218,012	304,436
DENMARK	2	5,627	10,610	14	43,787	78,933				16	49,414	89,543
FINLAND				9	9,482	18,970				9	9,482	18,970
FRANCE	1	3,803	7,109	47	266,249	440,925				48	270,052	448,034
GERMANY	2	9,780	16,928	195	498,660	851,509				197	508,440	868,437
GREECE	5	15,273	26,806	41	224,725	370,517				46	239,998	397,323
ITALY	1	7,432	12,461	33	196,911	348,951				34	204,343	361,417
NETHERLANDS				51	209,992	360,305				51	209,992	360,305
NORWAY	4	18,171	30,548	225	1,068,098	1,885,323				229	1,086,269	1,915,871
SWEDEN				27	103,427	185,726				27	103,427	185,726
SPAIN				4	10,639	16,939				4	10,639	16,939
YUGOSLAVIA				30	166,425	272,598				30	166,425	272,598
OTHER EUROPEAN	2	7,878	16,295	16	84,048	141,321				18	91,926	157,616
PANAMA				10	56,149	91,182				10	56,149	91,182
MIDDLE EAST				25	151,255	256,738				25	151,255	256,738

TABLE 22. NUMBER AND TONNAGE OF VESSELS THROUGH THE WELLAND 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
JAPAN				33	165,197	283,550				33	165,197	283,550
OTHER ASIAN	1	6,563	9,111	2	14,145	19,853				3	20,708	28,964
LIBERIA	4	25,056	38,307	76	506,684	801,137				80	531,740	839,444
TOTAL	1,477	11,022,715	14,413,968	1,989	10,140,720	14,924,593	193	743,614	244,505	3,659	21,407,049	29,587,066
GRAND TOTALS	2,936	21,940,281	28,688,249	3,979	20,240,109	29,815,149	358	433,491	435,108	7,273	42,613,881	58,938,506

TABLE 23. NUMBER AND TONNAGE OF VESSELS THROUGH THE WELLAND 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	1	158	238	1	249	383	1	249	383
80 TO 119 FEET	25	5,826	10,015	21	4,830	8,502	46	10,656	18,517
120 TO 159 FEET	40	10,175	21,038	38	9,826	19,780	78	20,001	40,818
160 TO 199 FEET	5	2,361	4,206	5	2,361	4,206	10	4,722	8,412
200 TO 239 FEET	142	200,237	290,169	140	196,782	285,107	282	397,019	575,276
240 TO 279 FEET	64	104,273	166,947	66	106,666	172,527	130	210,899	339,474
280 TO 319 FEET	156	335,666	515,250	157	332,686	518,402	313	668,352	1,033,652
320 TO 359 FEET	193	413,866	717,556	188	399,925	687,466	381	813,791	1,405,022
360 TO 399 FEET	135	385,051	642,491	136	384,804	653,248	271	769,855	1,295,739
400 TO 439 FEET	329	1,290,459	2,054,992	331	1,306,298	2,077,274	660	2,596,757	4,132,266
440 TO 479 FEET	276	1,380,472	2,314,311	279	1,383,734	2,328,463	555	2,764,206	4,642,774
480 TO 519 FEET	341	2,034,724	2,941,252	346	2,063,608	2,979,542	687	4,098,332	5,920,794
520 TO 559 FEET	170	1,174,623	1,768,122	170	1,185,081	1,784,607	340	2,359,704	3,552,729
560 TO 599 FEET	181	1,368,182	1,847,426	188	1,411,834	1,910,010	369	2,780,016	3,757,436
600 TO 639 FEET	208	1,793,043	2,519,430	205	1,775,395	2,488,561	413	3,568,438	5,007,991
640 TO 679 FEET	727	9,638,514	11,981,885	733	9,720,149	12,060,101	1,460	19,358,663	24,041,986
TOTALS	2,993	20,137,580	27,795,328	3,005	20,284,386	27,978,417	5,998	40,421,966	55,773,745
BARGE OR SCOW.									
UNDER 80 FEET	5	427	427	4	524	524	9	951	951
160 TO 199 FEET	1	341	375	1	830	830	2	1,171	1,205
280 TO 319 FEET				2	4,912	4,912	2	4,912	4,912
TOTALS	6	768	802	7	6,266	6,266	13	7,034	7,068
TANKER.									
160 TO 199 FEET	1	649	884	1	649	884	2	1,298	1,768
200 TO 239 FEET	2	4,884	6,734				2	4,884	6,734
240 TO 279 FEET	113	141,034	225,845	113	141,769	226,406	226	282,803	452,251
280 TO 319 FEET	64	95,581	139,329	66	98,387	143,583	130	193,968	282,912
320 TO 359 FEET	52	120,929	175,075	51	118,827	171,776	103	239,756	346,851
360 TO 399 FEET	22	56,440	90,961	22	56,440	90,961	44	112,880	181,922
400 TO 439 FEET	32	109,886	164,533	34	116,544	176,301	66	226,430	340,834
440 TO 479 FEET	9	30,165	50,311	9	30,165	50,311	18	60,330	100,624
480 TO 519 FEET	11	53,067	93,776	14	67,166	117,956	25	120,233	211,732
520 TO 559 FEET	20	132,640	215,119	19	129,876	209,643	39	262,516	424,762
560 TO 599 FEET	5	39,107	62,741	2	16,811	25,358	7	55,918	88,099
600 TO 639 FEET	5	56,480	78,440	5	56,480	78,440	10	112,960	156,880
680 TO 759 FEET	1	12,964	15,182	2	14,182	17,297	3	27,146	32,479
TOTALS	337	853,826	1,318,930	338	847,296	1,308,918	675	1,701,122	2,627,848
TUG OR DREDGE.									
UNDER 80 FEET	29	1,280	2,476	26	1,241	2,191	55	2,521	4,667
80 TO 119 FEET	34	2,782	6,159	23	1,924	4,186	57	4,706	10,345
160 TO 199 FEET				1	382	769	1	382	769
200 TO 239 FEET	2	2,813	2,813	2	1,884	2,625	4	4,697	5,438
TOTALS	65	6,875	11,448	52	5,431	9,771	117	12,306	21,219
TUG AND SCOW.									
UNDER 80 FEET	7	621	691	11	2,369	2,490	18	2,990	3,181
80 TO 119 FEET	20	5,143	5,403	21	6,259	6,363	41	11,402	11,766
120 TO 159 FEET	3	939	939	5	2,142	2,142	8	3,081	3,081
160 TO 199 FEET	2	1,012	1,012	2	1,687	1,687	4	2,699	2,699
200 TO 239 FEET	108	145,410	145,766	121	163,086	163,595	229	308,496	309,361
240 TO 279 FEET	10	15,426	15,432	14	19,522	19,569	24	34,948	35,001
280 TO 319 FEET	8	19,248	19,248	6	15,264	15,264	14	34,512	34,512
320 TO 359 FEET	1	1,310	1,310	1	2,995	3,105	2	4,305	4,415
360 TO 399 FEET				2	8,041	8,041	2	8,041	8,041
400 TO 439 FEET				2	9,560	9,560	2	9,560	9,560
440 TO 519 FEET				1	6,423	6,423	1	6,423	6,423
TOTALS	159	189,109	189,801	186	237,348	238,239	345	426,457	428,040

TABLE 23. NUMBER AND TONNAGE OF VESSELS THROUGH THE WELLAND 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	11	231	374	11	242	460	22	473	834
80 TO 119 FEET	5	966	1,312	11	2,501	3,051	16	3,467	4,363
120 TO 159 FEET	17	3,812	6,525	22	5,136	8,106	39	8,948	14,631
160 TO 199 FEET	16	9,596	14,316	17	10,947	15,265	33	20,543	29,581
200 TO 239 FEET	1	455	1,196	6	2,323	6,219	7	2,778	7,415
240 TO 279 FEET	2	2,872	6,754	2	2,872	6,754	4	5,744	13,508
280 TO 319 FEET	2	742	4,654	1	1	2,800	3	743	7,454
400 TO 439 FEET				1	2,300	2,800	1	2,300	2,800
TOTALS	54	18,674	35,131	71	26,322	45,455	125	44,996	80,586
GRAND TOTALS	3,614	21,206,832	29,351,440	3,659	21,407,049	29,587,066	7,273	42,613,881	58,938,506

TABLE 24. 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
CARGO VESSEL.									
6 TO 7 FEET	3	1,201	1,730	4	1,450	2,113	7	2,651	3,843
8 TO 9 FEET	14	14,962	24,089	8	3,260	4,845	22	18,222	28,934
10 TO 11 FEET	28	14,525	23,821	24	9,376	17,406	52	23,901	41,227
12 TO 13 FEET	33	31,483	52,010	24	11,754	21,492	57	43,237	73,502
14 TO 15 FEET	50	108,581	167,146	30	42,877	69,574	80	151,458	236,720
16 TO 17 FEET	75	129,892	200,495	81	109,707	172,912	156	239,599	373,407
18 TO 19 FEET	225	547,254	795,125	206	482,811	685,277	431	1,030,065	1,480,402
20 TO 21 FEET	430	1,771,244	2,385,114	445	1,875,834	2,497,049	875	3,647,078	4,882,163
22 TO 23 FEET	311	1,482,108	2,106,929	319	1,516,053	2,153,876	630	2,998,161	4,260,805
24 TO 25 FEET	499	3,255,432	4,587,437	539	3,465,097	4,914,668	1,038	6,720,529	9,502,105
26 TO 27 FEET	1,083	10,623,357	14,374,246	1,107	10,672,269	14,507,662	2,190	21,295,626	28,881,908
28 TO 29 FEET	149	1,435,824	1,957,488	145	1,543,226	2,043,707	294	2,979,050	4,001,194
30 FEET AND OVER	93	721,717	1,164,698	73	550,672	887,836	166	1,272,389	2,052,534
TOTALS	7,993	20,137,580	27,795,328	3,005	20,284,386	27,978,417	5,998	40,421,966	55,773,745
BARGE OR SCOW.									
5 FEET AND UNDER	6	768	802	4	524	524	10	1,292	1,326
6 TO 7 FEET				1	2,342	2,342	1	2,342	2,342
10 TO 11 FEET				2	3,400	3,400	2	3,400	3,400
TOTALS	6	768	802	7	6,266	6,266	13	7,034	7,068
TANKER.									
12 TO 13 FEET	1	649	884	1	649	884	2	1,298	1,768
14 TO 15 FEET	55	76,068	105,207	55	75,089	103,302	110	151,157	208,509
16 TO 17 FEET	67	115,730	181,243	69	119,194	185,737	136	234,914	366,980
18 TO 19 FEET	64	77,141	128,477	64	78,418	132,267	128	155,559	260,744
20 TO 21 FEET	36	95,942	150,787	35	92,737	146,570	71	188,679	297,357
22 TO 23 FEET	57	149,955	223,491	61	162,052	242,613	118	312,007	466,104
24 TO 25 FEET	13	42,131	61,346	12	35,870	50,966	25	78,001	112,312
26 TO 27 FEET	29	195,805	306,511	29	198,476	309,208	58	394,281	615,719
28 TO 29 FEET	9	41,815	74,707	7	37,527	66,782	16	79,342	141,489
30 FEET AND OVER	6	58,590	86,277	5	47,274	70,589	11	105,864	156,866
TOTALS	337	853,826	1,318,930	338	847,296	1,308,918	675	1,701,122	2,627,848
TUG OR DREDGE.									
5 FEET AND UNDER	4	110	188	5	1,544	1,902	9	1,654	2,090
6 TO 7 FEET	6	96	561	6	449	580	12	545	1,141
8 TO 9 FEET	9	398	825	11	446	988	20	844	1,813
10 TO 11 FEET	28	2,144	3,975	21	2,071	3,683	49	4,215	7,658
12 TO 13 FEET	9	3,449	4,126	8	920	2,399	17	4,369	6,525
14 TO 15 FEET	8	613	1,708	1	1	219	9	614	1,927
16 TO 17 FEET	1	65	65				1	65	65
TOTALS	65	6,875	11,448	52	5,431	9,771	117	12,306	21,219
TUG AND BARGE.									
5 FEET AND UNDER	6	2,077	2,147	13	10,658	10,658	19	12,735	12,805
6 TO 7 FEET	2	369	369	7	6,204	6,334	9	6,573	6,703
8 TO 9 FEET	21	7,659	7,919	21	8,545	8,649	42	16,204	16,568
10 TO 11 FEET	18	19,647	19,647	27	34,813	35,132	45	54,460	54,775
12 TO 13 FEET	100	140,587	140,943	95	133,128	133,350	195	273,715	274,293
14 TO 15 FEET	4	6,396	6,396	11	19,276	19,276	15	25,672	25,722
16 TO 17 FEET	8	12,374	12,380	9	13,688	13,694	17	26,062	26,374
24 TO 25 FEET				1	4,296	4,296	1	4,296	4,296
26 TO 27 FEET				2	6,740	6,850	2	6,740	6,850
TOTALS	159	189,109	189,801	186	237,348	238,239	345	426,457	428,040

TABLE 24. 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	10	143	273	10	171	417	20	314	690
6 TO 7 FEET	6	1,441	2,180	4	615	915	10	2,056	3,095
8 TO 9 FEET	6	991	2,250	10	2,174	3,812	16	3,165	6,062
10 TO 11 FEET				5	2,297	3,652	5	2,297	3,652
12 TO 13 FEET	10	6,566	17,635	25	9,565	16,401	41	16,131	29,038
14 TO 15 FEET	9	6,268	10,077	10	6,071	9,957	19	12,339	19,984
16 TO 17 FEET	6	2,093	4,512	5	1,957	4,245	11	4,050	8,757
22 TO 23 FEET				1	2,300	2,800	1	2,300	2,800
24 TO 25 FEET	1	1,172	3,254	1	1,172	3,254	2	2,344	6,508
TOTALS	54	18,674	35,131	71	26,322	45,455	125	44,996	80,586
GRAND TOTALS	3,614	21,206,832	29,351,440	3,659	21,407,049	29,587,066	7,273	42,613,881	58,938,506

TABLE 25. 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	762,478		762,478	1,915,490	119,946	2,035,436	2,677,968	119,946	2,797,914
TOTAL	762,478		762,478	1,915,490	119,946	2,035,436	2,677,968	119,946	2,797,914
PORTS ON THE ST. LAWRENCE RIVER									
CANADA	826,790	4,219	831,009	15,407,250	189,610	15,596,870	16,234,040	193,839	16,427,879
TOTAL	826,790	4,219	831,009	15,407,250	189,610	15,596,870	16,234,040	193,839	16,427,879
PORTS OTHER THAN LAKE ONTARIO THE WELLAND AND THE ST. LAWRENCE									
CANADA ATLANTIC PORTS				22,269	107,023	129,292	22,269	107,023	129,292
U.S. ATLANTIC PORTS	18,449	940	19,389	201,655	3,351	205,006	220,104	4,291	224,395
U.S. HUDSON RIVER PORTS	4,688		4,688	117,808	3	117,811	122,496	3	122,499
UNITED KINGDOM		9,933	9,933	40,280	775,066	815,346	40,280	784,999	825,279
OTHER BRITISH COMMONWEALTH	91,250	347	91,597	51,619	106,877	158,496	142,869	107,224	250,093
BELGIUM	724	22,764	23,488	43,282	1,938,040	1,981,322	44,006	1,980,804	2,004,810
DENMARK				1,994	7,758	9,752	1,994	7,758	9,752
FINLAND				67,465	11,440	78,905	67,465	11,440	78,905
FRANCE		569	569	53,249	175,088	228,337	53,249	175,657	228,906
GERMANY		922	922	1,313	399,967	401,280	1,313	400,889	402,202
GREECE					1,254	1,254		1,254	1,254
ITALY	827	21	848	26,242	189,039	215,281	27,069	189,060	216,129
NETHERLANDS	55	563	618	33,316	336,143	371,459	33,371	338,706	372,077
NORWAY		3,524	3,524	23,328	12,259	35,587	23,328	15,783	39,111
POLAND				3,309	52,597	55,906	3,309	52,597	55,906
PORTUGAL		3,156	3,156		12,156	12,156		15,312	15,312
SWEDEN		1,428	1,428	14,658	19,540	34,198	14,658	20,968	35,626
SPAIN		1,751	1,751	61,511	19,269	80,780	61,511	21,020	82,531
YUGOSLAVIA					17,878	17,878		17,878	17,878
OTHER EUROPEAN COUNTRIES	7,854	35	7,889		10,314	10,314	7,854	10,349	18,203
CENTRAL AMERICAN & CARIBBEAN					33	33		33	33
SOUTH AMERICAN COUNTRIES	37,220		37,220	28,596	52,331	80,927	65,816	52,331	118,147
MIDDLE EAST COUNTRIES					3,403	3,403		3,403	3,403
JAPAN					1,679,900	1,679,900		1,679,900	1,679,900
ASIAN COUNTRIES					31,690	31,690		31,690	31,690
LIBERIA					1,449	1,449		1,449	1,449
OTHER AFRICAN COUNTRIES				14,337	16,740	31,077	14,337	16,740	31,077
OTHER COUNTRIES	2,535		2,535				2,535		2,535
TOTAL	163,602	45,953	209,555	806,231	5,982,608	6,788,839	969,833	6,028,561	6,998,394
GRAND TOTALS	1,752,870	50,172	1,803,042	18,128,971	6,292,174	24,421,145	19,881,841	6,342,346	26,224,187

TABLE 25B. CARGO TONNAGE DOWNBOUND THROUGH THE WELLAND 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 WELLAND CANAL.									
CANADA	2,151,685	2,815	2,154,500	12,826,580		12,826,580	14,978,265	2,815	14,981,080
UNITED STATES	29,814		29,814	308,873		308,873	338,687		338,687
TOTAL	2,181,499	2,815	2,184,314	13,135,453		13,135,453	15,316,952	2,815	15,319,767
PORTS ON THE ST. LAWRENCE RIVER									
CANADA	5,463,995	4,570	5,468,565	3,768,631	255	3,768,886	9,232,626	4,825	9,237,451
UNITED STATES				65,010		65,010	65,010		65,010
TOTAL	5,463,995	4,570	5,468,565	3,833,641	255	3,833,896	9,297,636	4,825	9,302,461
PORTS OTHER THAN LAKE ONTARIO THE WELLAND AND THE ST. LAWRENCE									
CANADA ATLANTIC PORTS	198,841		198,841		25	25	198,841	25	198,866
U.S. ATLANTIC PORTS		7,223	7,223	81,044		81,044	81,044	7,223	88,267
U.S. HUDSON RIVER PORTS	2,917		2,917	144,791		144,791	147,708		147,708
UNITED KINGDOM	358,012	48,909	406,921	1,017,147	65,945	1,083,092	1,375,159	114,854	1,490,013
OTHER BRITISH COMMONWEALTH	23,520	15,416	38,936	102,353	155,599	257,952	125,873	171,015	296,888
BELGIUM	43,790	2,200	45,990	403,198	28,217	431,415	446,988	30,417	477,405
DENMARK				27,128	3,982	31,110	27,128	3,982	31,110
FINLAND				70	1,847	1,917	70	1,847	1,917
FRANCE	1,140	239	1,379	125,884	28,635	154,519	127,024	28,874	155,898
GERMANY	39,585	3,478	43,063	537,807	41,542	579,349	577,392	45,020	622,412
GREECE				611	702	1,313	611	702	1,313
ITALY	26,822	1,781	28,603	177,562	35,776	213,338	204,384	37,557	241,941
NETHERLANDS	67,961	980	68,941	1,451,715	84,546	1,536,261	1,519,676	85,526	1,605,202
NORWAY	29,419		29,419	42,843	4,454	47,297	4,454	76,716	76,716
POLAND				22,950	7,739	30,689	22,950	7,739	30,689
PORTUGAL				56,917	3,338	60,255	56,917	3,338	60,255
SWEDEN				26,978	17,984	44,962	26,978	17,984	44,962
SPAIN	13,865	21	13,886	213,013	64,853	277,866	276,578	64,874	291,452
YUGOSLAVIA				12,780	3,822	16,602	12,780	3,822	16,602
OTHER EUROPEAN COUNTRIES	20,221	8,100	28,321	20,619	5,711	26,330	40,840	13,811	54,651
PANAMA				623	1,530	2,153	623	1,530	2,153
CENTRAL AMERICAN & CARIBBEAN	9,002		9,002	15,590	12,266	27,856	24,592	12,266	36,858
SOUTH AMERICAN COUNTRIES	11,140	1,010	12,150	137,817	54,822	192,639	148,357	55,832	204,189
MIDDLE EAST COUNTRIES	13,929	299	14,228	63,991	25,721	89,712	77,920	26,020	103,940
JAPAN	2,471	2,614	5,085	572,239	41,027	613,266	574,710	43,641	618,351
ASIAN COUNTRIES				102,142	39,551	141,693	102,142	39,551	141,693
LIBERIA	4,532		4,532	241	729	970	4,773	729	5,502
OTHER AFRICAN COUNTRIES	734	1	735	199,069	11,022	210,091	199,803	11,023	210,826
TOTAL	867,601	92,271	959,872	5,557,122	741,385	6,298,507	6,424,723	833,656	7,258,379
GRAND TOTALS	8,513,095	99,656	8,612,751	22,526,216	741,640	23,267,856	31,039,311	841,296	31,880,607

TABLE 26A. CARGO TONNAGE UPBOUND THROUGH THE WELLAND CANAL BY ORIGIN AND REGISTRY OF VESSEL.

ORIGIN	COUNTRY OF REGISTRY	CARGO TONNAGE		
		BULK	GENERAL	TOTAL
PORTS ON LAKE ONTARIO AND THE WELLAND				
	CANADA	1,707,206	119,946	1,827,152
	UNITED STATES	97,202		97,202
	OTHER BRITISH COMMONWEALTH	873,560		873,560
	GERMANY			
	TOTAL	2,677,968	119,946	2,797,914
PORTS ON THE ST. LAWRENCE RIVER				
	CANADA	14,442,787	191,140	14,633,927
	UNITED STATES	1,678,015		1,678,015
	UNITED KINGDOM	5,600	2,413	8,013
	OTHER BRITISH COMMONWEALTH	26,160		26,160
	GERMANY		286	286
	ITALY	52,799		52,799
	NETHERLANDS			
	NORWAY	13,234		13,234
	LIBERIA	15,445		15,445
	TOTAL	16,234,040	193,839	16,427,879
PORTS OTHER THAN ON LAKE ONTARIO THE WELLAND CANAL & THE ST. LAWRENCE RIVER				
	CANADA	30,399	51,038	81,437
	UNITED STATES	308,189	35,614	343,803
	UNITED KINGDOM	64,091	579,781	643,872
	OTHER BRITISH COMMONWEALTH	19,973	210,824	230,797
	BELGIUM		340,998	340,998
	DENMARK	6,097	52,258	58,355
	FINLAND	6,044	4,283	10,327
	FRANCE	11,079	401,803	412,882

TABLE 26A. 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	96,005	654,148	750,153	
	GREECE	28,105	303,137	331,242	
	ITALY	7,992	314,601	322,593	
	NETHERLANDS	1,243	308,484	309,727	
	NORWAY	271,517	991,969	1,263,486	
	SWEDEN	3,856	155,258	159,114	
	SPAIN	10,845	7,810	18,655	
	YUGOSLAVIA	17,465	221,499	238,964	
	OTHER EUROPEAN COUNTRIES	21,271	131,871	153,142	
	PANAMA	11,657	74,549	86,206	
	MIDDLE EAST COUNTRIES	79	222,978	223,057	
	JAPAN		152,625	152,625	
	ASIAN COUNTRIES		24,201	24,201	
	LIBERIA	54,026	783,832	837,858	
	TOTAL		969,833	6,028,561	6,998,394
	GRAND TOTALS		19,881,841	6,342,346	26,224,187

TABLE 26B. 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	13,642,260	2,815	13,645,075
	UNITED STATES	376,529		376,529
	OTHER BRITISH COMMONWEALTH	1,295,038		1,295,038
	NORWAY	3,125		3,125
	TOTAL	15,316,952	2,815	15,319,767
PORTS ON THE ST. LAWRENCE RIVER	CANADA	9,138,679	4,823	9,143,502
	UNITED STATES	136,446		136,446
	UNITED KINGDOM		1	1
	OTHER BRITISH COMMONWEALTH	16,252		16,252
	DENMARK		1	1
	GERMANY			
	NETHERLANDS			
	NORWAY			
	YUGOSLAVIA			
	LIBERIA	6,259		6,259
TOTAL	9,297,636	4,825	9,302,461	
PORTS OTHER THAN ON LAKE ONTARIO THE WELLAND CANAL & THE ST. LAWRENCE RIVER.....	CANADA	160,572	7,223	167,795
	UNITED STATES	294,416	40,711	335,127
	UNITED KINGDOM	544,153	94,186	638,339
	OTHER BRITISH COMMONWEALTH	196,413	118,663	315,082
	BELGIUM	356,361		356,361
	DENMARK	53,964	22,367	76,331
	FINLAND	4,748	6,588	11,336
	FRANCE	417,064	10,726	427,790
	GERMANY	568,563	171,221	739,784
	GREECE	270,869	23,323	294,192
	ITALY	308,555	6,164	314,719
	NETHERLANDS	247,274	29,646	276,920
	NORWAY	1,405,044	121,728	1,526,772
	SWEDEN	142,489	26,450	168,939
	SPAIN	18,322		18,322
	YUGOSLAVIA	207,354	18,648	226,002
	OTHER EUROPEAN COUNTRIES	134,494	16,727	151,221
	PANAMA	89,556	993	90,549
	MIDDLE EAST COUNTRIES	203,371	11,765	215,136
	JAPAN	110,863	44,148	155,011
ASIAN COUNTRIES	26,780	492	27,272	
LIBERIA	663,498	61,881	725,379	
TOTAL	6,424,723	833,656	7,258,379	
GRAND TOTALS	31,039,311	841,296	31,880,607	

TABLE 27. NUMBER OF VESSELS AND CARGO TONNAGE THROUGH THE WELLAND CANAL BY KIND AND GROSS TONNAGE.

KIND AND GROSS TONNAGE OF VESSEL	UPRCUND							GENERAL						
	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	15	60	75	40,334	3,924	44,262	737.7	44	26	70	11,456	5,469	16,925	691.0
1,000 TC 1,999	11	36	47	25,635	46,502	72,137	2,003.8	17	31	48	40,243	15,957	55,800	1,800.0
2,000 TC 2,999	54	192	246	245,131	313,898	559,029	2,911.6	27	219	246	488,879	117,538	606,417	2,769.0
3,000 TC 3,999	16	194	210	274,088	450,937	725,025	3,737.2	53	154	207	590,239	76,827	667,066	4,331.6
4,000 TC 4,999	50	154	209	382,453	238,073	620,526	3,902.7	19	190	209	713,172	126,630	839,802	4,420.0
5,000 TC 5,999	20	175	195	316,185	234,611	550,796	3,147.4	7	187	194	682,154	62,229	744,383	3,980.7
6,000 TC 6,999	86	220	306	1,454,610	249,875	1,704,485	7,747.7	28	282	310	2,282,396	72,322	2,355,218	8,351.8
7,000 TC 7,999	38	111	149	793,227	229,958	1,023,185	9,217.9	16	135	151	1,262,829	64,319	1,327,148	9,930.7
8,000 TC 8,999	19	116	135	620,752	353,532	974,284	8,399.0	17	123	140	974,220	97,719	1,071,939	8,710.9
9,000 TC 9,999	27	141	168	1,120,189	538,239	1,658,428	11,761.9	13	155	168	1,577,794	119,964	1,697,758	10,921.0
10,000 TC 10,999	19	131	150	1,150,267	744,413	1,894,675	14,463.2	54	97	151	1,230,460	51,387	1,281,847	13,214.9
11,000 TC 11,999	25	137	162	1,250,305	874,842	2,125,147	15,512.0	42	121	163	1,749,977	11,600	1,761,577	14,558.5
12,000 TC 12,999	25	53	78	693,916	216,068	909,984	17,169.5	17	63	80	1,055,225	11,936	1,067,161	16,939.1
13,000 TC 13,999	25	75	100	980,473	210,564	1,190,987	15,879.8	26	78	104	1,401,363		1,401,363	17,966.2
14,000 TC 14,999	6	17	23	65,762	165,036	230,798	13,576.4	1	21	22	368,469	5,538	374,007	17,809.9
15,000 TC 15,999	47	218	265	4,954,926	457,072	5,411,998	24,825.7	75	188	263	4,665,555		4,665,555	24,815.8
16,000 TC 16,999	100	146	246	3,553,618	272,767	3,826,385	26,208.1	51	195	246	5,012,021		5,012,021	25,702.7
17,000 AND OVER	173	56	229	489,032	737,809	1,226,841	21,907.9	10	223	233	5,738,905		5,738,905	25,735.0
TOTAL	756	2,237	2,993	18,410,848	6,338,124	24,748,972	...	517	2,488	3,005	29,840,357	839,035	30,679,352	...
BARGE OR SCOW.														
UNDER 1,000	6		6					5		5				
2,000 TC 2,999								1	1	2	2,917		2,917	2,917.0
TOTAL	6		6				...	6	1	7	2,917		2,917	...
TANKER.														
UNDER 1,000		1	1	1,505		1,505	1,505.0	1		1				
1,000 TC 1,999	38	59	97	184,289		184,289	3,173.5	35	63	98	199,615		199,615	3,168.5
2,000 TC 2,999	29	68	97	271,733	4,219	275,952	4,058.1	43	55	98	207,714		207,714	3,776.6
3,000 TC 3,999	9	23	32	128,979		128,979	5,607.8	15	16	31	86,183		86,183	5,386.4
4,000 TC 4,999	11	29	40	194,677		194,677	6,713.0	24	15	39	85,806		85,806	5,723.4
5,000 TC 5,999	18	10	28	72,796		72,796	7,279.6	5	25	30	180,688		180,688	7,227.5
6,000 TC 6,999										1	11,379		11,379	11,379.0
8,000 TC 8,999	5	9	14	17,136		17,136	1,904.0	14	14	14	119,534	2,261	121,755	8,699.8
10,000 TC 10,999	1	14	15	184,025		184,025	13,144.6	14	1	15	13,171		13,171	13,171.0
12,000 TC 12,999	1	6	7	81,496		81,496	13,587.7	3	2	5	13,056		13,056	6,528.0
15,000 TC 15,999		6	6	103,533		103,533	17,256.3	5	1	6	25,999		25,999	25,999.0
TOTAL	112	225	337	1,240,174	4,219	1,244,393	...	145	193	338	943,145	2,261	945,406	...
TUG AND SCOW.														
UNDER 1,000	31	1	32			3	3.0	40		40				
1,000 TC 1,999	29	91	120	216,730		216,730	2,381.6	31	103	134	235,795		235,795	2,289.3
2,000 TC 2,999	4	3	7	9,355		9,355	3,118.3	1	5	6	16,225		16,225	3,245.0
3,000 TC 3,999								2		2				
4,000 TC 4,999								3		3				
6,000 TC 6,999								1		1				
TOTAL	64	95	159	226,085		226,088	...	78	108	186	252,020		252,020	...
OTHER.														
UNDER 1,000	112		112					111	1	112	872		872	972.0
1,000 TC 1,999	2	2	4	4,734		4,734	2,367.0	7		7				
2,000 TC 2,999	1		1					2		2				
3,000 TC 3,999	2		2					2		2				
TOTAL	117	2	119	4,734		4,734	...	122	1	123	872		872	...
GRAND TOTALS	1,055	2,559	3,614	19,881,841	6,342,346	26,224,187	...	868	2,791	3,659	31,039,311	841,296	31,880,607	...

TABLE 28. 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	198	125	323	839,113	1,278,678	277,815	1
TOURIST CRUISERS	75	1	76	10,891	15,940	200	5,475
SCOW, BARGE, ETC	2		2	42	42		
TANKER	14	62	76	117,508	184,102	212,379	
TUG OR DREDGE	67		67	2,743	5,900		
TUG AND SCOW	116	1	117	96,479	96,479	200	
NAVAL OR GOVERNMENT	24		24	5,541	8,693		
OTHER	24		24	165	165		
TOTAL	520	189	709	1,072,482	1,589,999	490,626	5,476
DOWNBOUND.							
CARGO	19	169	188	477,685	718,211	416,512	1
TOURIST CRUISERS	1,381	-	1,381	94,120	123,028		132,534
SCOW, BARGE, ETC	7		7	1,495	1,503		
TANKER	104	16	120	233,993	363,260	60,933	
TUG OR DREDGE	63		63	3,117	5,968		
TUG AND SCOW	36	79	115	94,846	94,846	61,270	
NAVAL OR GOVERNMENT	27		27	7,429	11,052		
OTHER	13		13	98	98		
TOTAL	1,650	264	1,914	912,783	1,317,969	538,715	132,535
GRAND TOTALS	2,170	453	2,623	1,985,265	2,907,968	1,029,341	138,011

TABLE 29. 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	445	181	626	1,001,285	1,483,054	465,101	1,080
UNITED STATES	63	6	69	45,477	62,173	23,499	4,395
UNITED KINGDOM	3		3	7,942	16,574		
GERMANY	7	1	8	14,930	23,474	941	
NETHERLANDS		1	1	883	1,082	1,085	1
NORWAY	1		1	687	1,158		
LIBERIA	1		1	1,278	2,484		
TOTAL	520	189	709	1,072,482	1,589,999	490,626	5,476
DOWNBOUND.							
CANADA	638	250	888	777,477	1,129,843	493,151	21,369
UNITED STATES	1,012	10	1,022	129,407	178,163	43,338	111,166
UNITED KINGDOM		1	1	2,456	3,043	652	
GERMANY		1	1	1,001	2,144	674	
GREECE		1	1	1,009	2,028	133	
NORWAY		1	1	1,438	2,748	767	
TOTAL	1,650	264	1,914	912,783	1,317,969	538,715	132,535
GRAND TOTALS	2,170	453	2,623	1,985,265	2,907,968	1,029,341	138,011

TABLE 30. 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	156		156	7,074	9,050		5,475
80 TO 119 FEET	44		44	3,333	5,345		
120 TO 159 FEET	51	1	52	31,322	32,646	200	
160 TO 199 FEET	1		1	391	849		
200 TO 239 FEET	54		54	68,516	70,611		
240 TO 279 FEET	57	50	107	132,765	219,333	161,471	
280 TO 319 FEET	32	7	39	62,429	94,594	23,544	1
320 TO 359 FEET	62	32	94	197,381	311,544	60,227	
360 TO 399 FEET	35	18	53	138,873	206,396	38,955	
400 TO 439 FEET	3		3	8,696	15,900		
440 TO 479 FEET	9	81	90	344,583	516,402	206,229	

TABLE 30. 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				
480 TO 519 FEET	4		4	15,976	21,228		
520 TO 559 FEET	8		8	41,251	58,292		
560 TO 599 FEET	3		3	13,806	20,100		
600 TO 639 FEET	1		1	6,136	7,709		
TOTAL	520	189	709	1,072,482	1,589,999	490,626	5,476
DOWNBOUND.							
UNDER 80 FEET	1,458		1,458	95,836	125,322		132,534
80 TO 119 FEET	44		44	3,104	5,279		
120 TO 159 FEET	19	31	50	29,834	31,015	14,670	
160 TO 199 FEET	2		2	1,221	1,679		
200 TO 239 FEET	8	48	56	71,414	73,563	46,600	
240 TO 279 FEET	54	61	115	142,172	236,487	178,963	
280 TO 319 FEET	5	23	28	44,703	68,109	47,689	
320 TO 359 FEET	23	23	46	113,563	159,657	97,798	
360 TO 399 FEET	3	23	26	73,573	106,533	44,117	
400 TO 439 FEET	18		18	54,794	86,953		
440 TO 479 FEET	5	55	60	228,931	348,671	108,878	1
520 TO 559 FEET	4		4	21,474	27,801		
560 TO 599 FEET	7		7	32,214	46,900		
TOTAL	1,650	264	1,914	912,783	1,317,969	538,715	132,535
GRAND TOTALS	2,170	453	2,623	1,985,265	2,907,968	1,029,341	138,011

TABLE 31A. NUMBER AND TONNAGE OF VESSELS UPBOUND THROUGH THE SAULT STE. MARIE 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			
PORTS BETWEEN SAULT STE. MARIE AND THE GULF OF ST. LAWRENCE.									
COUNTRY OF REGISTRY									
CANADA	622	995,910	1,474,767	4	5,375	8,287	626	1,001,285	1,483,054
UNITED STATES	2	455	477	67	45,022	61,696	69	45,477	62,173
UNITED KINGDOM	1	2,328	4,902	2	5,614	11,672	3	7,942	16,574
GERMANY	2	5,038	6,933	4	7,743	12,531	6	12,781	19,464
LIBERIA				1	1,278	2,484	1	1,278	2,484
TOTAL	627	1,003,731	1,487,079	78	65,032	96,670	705	1,068,763	1,583,749
PORTS OTHER THAN BETWEEN SAULT STE. MARIE AND THE GULF OF ST. LAWRENCE.									
COUNTRY OF REGISTRY									
GERMANY	2	2,149	4,010				2	2,149	4,010
NETHERLANDS				1	883	1,082	1	883	1,082
NORWAY				1	687	1,158	1	687	1,158
TOTAL	2	2,149	4,010	2	1,570	2,240	4	3,719	6,250
GRAND TOTALS	629	1,005,880	1,491,089	80	66,602	98,910	709	1,072,482	1,589,999

TABLE 31B. 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 BETWEEN SAULT STE. MARIE AND THE GULF OF ST. LAWRENCE.									
COUNTRY OF REGISTRY									
CANADA	875	774,192	1,125,567	13	3,285	4,276	888	777,477	1,129,843
UNITED STATES	206	15,124	24,648	815	110,915	148,072	1,021	126,039	172,720
TOTAL	1,081	789,316	1,150,215	828	114,200	152,348	1,909	903,516	1,302,563

TABLE 31. 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									
UNITED STATES				1	3,363	5,443	1	3,363	5,443
UNITED KINGDOM				1	2,456	3,043	1	2,456	3,043
GERMANY	1	1,001	2,144				1	1,001	2,144
GREECE				1	1,009	2,028	1	1,009	2,028
NORWAY				1	1,438	2,748	1	1,438	2,748
TOTAL	1	1,001	2,144	4	8,266	13,262	5	9,267	15,406
GRAND TOTALS	1,082	790,317	1,152,359	832	122,466	165,610	1,914	912,783	1,317,969

TABLE 32. 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	119	257,041	398,279	389	648,130	988,661	118	96,114	96,114	626	1,001,285	1,483,054
UNITED STATES	8	19,309	28,804	60	75,761	32,962	1	407	407	69	45,477	62,173
UNITED KINGDOM				3	7,942	16,574				3	7,942	16,574
GERMANY				8	14,930	23,474				8	14,930	23,474
NETHERLANDS	1	883	1,082							1	883	1,082
NORWAY				1	687	1,158				1	687	1,158
LIBERIA				1	1,278	2,484				1	1,278	2,484
TOTAL	128	277,233	428,165	462	698,728	1,065,313	119	96,521	96,521	709	1,072,482	1,589,999
DOWNBOUND.												
CANADA	26	195,394	305,101	677	486,140	728,791	120	95,943	95,951	888	777,477	1,179,843
UNITED STATES	13	37,918	60,291	1,007	91,096	117,481	2	398	401	1,022	129,402	178,163
UNITED KINGDOM				1	2,456	3,043				1	2,456	3,043
GERMANY				1	1,001	2,144				1	1,001	2,144
GREECE				1	1,009	2,028				1	1,009	2,028
NORWAY				1	1,438	2,748				1	1,438	2,748
TOTAL	109	233,312	365,382	1,683	583,130	856,235	122	96,341	96,352	1,914	912,783	1,317,969
GRAND TOTALS	237	510,545	793,547	2,145	1,281,858	1,921,548	241	192,862	197,873	2,623	1,985,265	2,907,968

TABLE 33. 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	72	5,542	6,884	1,385	94,474	123,388	1,457	99,966	130,272
120 TO 159 FEET	1	124	338				1	124	338
240 TO 279 FEET	59	77,321	124,385	58	76,260	173,637	117	153,581	248,017
280 TO 319 FEET	33	52,713	79,586	22	34,987	53,101	55	87,700	132,687
320 TO 359 FEET	79	161,386	262,453	16	35,224	52,739	95	196,610	315,192
360 TO 399 FEET	46	122,470	181,341	21	61,793	86,779	67	184,263	268,120
400 TO 439 FEET	3	8,696	15,200				3	8,696	15,900
440 TO 479 FEET	90	344,583	516,402	56	215,479	326,899	146	560,062	843,301
480 TO 519 FEET	4	15,976	21,228				4	15,976	21,228
520 TO 559 FEET	8	41,251	58,292	4	21,474	27,801	12	62,675	86,093
560 TO 599 FEET	3	13,806	20,100	7	32,214	46,900	10	46,020	67,000
600 TO 639 FEET	1	6,136	7,709				1	6,136	7,709
TOTALS	399	850,004	1,294,618	1,569	571,805	841,239	1,968	1,421,809	2,135,857
BARGE OR SCOW.									
UNDER 80 FEET	2	42	42	5	85	93	7	127	135
120 TO 159 FEET				1	580	580	1	580	580
160 TO 199 FEET				1	830	830	1	830	830
TOTALS	2	42	42	7	1,495	1,503	9	1,537	1,545

TABLE 33. 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.									
240 TO 279 FEET	48	55,444	94,948	57	65,917	112,855	105	121,356	207,803
280 TO 319 FEET	6	9,716	15,009	6	9,716	15,009	12	19,432	30,016
320 TO 359 FEET	15	35,995	49,091	30	78,339	106,918	45	114,334	156,009
360 TO 399 FEET	7	16,353	25,055	5	11,780	19,754	12	28,133	44,809
400 TO 439 FEET				18	54,734	86,953	18	54,734	86,953
440 TO 479 FEET				4	13,452	21,772	4	13,452	21,772
TOTALS	76	117,508	184,102	120	233,993	363,260	196	351,501	547,362
TUG OR DREDGE.									
UNDER 80 FEET	29	507	1,133	26	470	973	55	977	2,106
80 TO 119 FEET	36	2,020	4,032	35	1,739	3,914	71	3,759	7,946
120 TO 159 FEET	2	216	735	2	908	1,081	4	1,124	1,816
TOTALS	67	2,743	5,900	63	3,117	5,968	130	5,860	11,868
TUG AND SCOW.									
UNDER 80 FEET	13	719	719	13	660	663	26	1,379	1,382
80 TO 119 FEET	8	1,313	1,313	9	1,365	1,365	17	2,678	2,678
120 TO 159 FEET	46	30,532	30,532	42	27,628	27,628	88	58,160	58,160
200 TO 239 FEET	50	63,915	63,915	51	65,193	65,193	101	129,108	129,108
TOTALS	117	76,479	76,479	115	94,846	94,849	232	191,325	191,328
OTHER VESSELS.									
UNDER 80 FEET	40	264	272	29	197	205	69	461	477
120 TO 159 FEET	3	450	1,041	5	718	1,726	8	1,168	2,767
160 TO 199 FEET	1	391	849	1	391	849	2	782	1,698
200 TO 239 FEET	4	4,601	6,696	5	6,221	8,370	9	10,822	15,066
TOTALS	48	5,706	8,858	40	7,527	11,150	88	13,233	20,008
GRAND TOTALS	309	1,072,582	1,589,999	1,914	917,783	1,317,969	2,223	1,985,255	2,907,968

TABLE 34. 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	21	1,554	2,205	376	27,824	39,660	397	29,378	41,865
6 TO 7 FEET	46	3,748	4,329	626	48,216	56,918	672	51,964	61,247
8 TO 9 FEET	5	240	350	383	18,384	26,810	388	18,624	27,160
10 TO 11 FEET	6	8,364	11,156				6	8,364	11,156
12 TO 13 FEET				6	9,888	17,983	6	9,888	17,983
14 TO 15 FEET	15	51,183	72,953	9	34,650	51,130	24	85,833	124,083
16 TO 17 FEET	71	112,400	180,110	51	66,656	111,086	122	179,056	291,196
18 TO 19 FEET	14	34,849	47,329	7	21,295	28,670	21	56,144	75,999
20 TO 21 FEET	125	309,541	478,849	43	107,076	157,493	168	416,617	636,342
22 TO 23 FEET	35	100,059	152,475	19	56,716	80,957	54	156,775	233,432
24 TO 25 FEET	60	225,715	341,264	49	181,100	275,532	109	406,815	616,796
28 TO 29 FEET	1	2,351	3,598				1	2,351	3,598
TOTALS	399	850,004	1,294,618	1,569	571,805	841,239	1,968	1,421,809	2,135,857
BARGE OR SCOW.									
5 FEET AND UNDER	2	42	42	6	665	673	8	707	715
12 TO 13 FEET				1	830	830	1	830	830
TOTALS	2	42	42	7	1,495	1,503	9	1,537	1,545
TANKER.									
14 TO 15 FEET	1	1,170	1,969	5	5,736	9,879	6	6,906	11,848
16 TO 17 FEET	35	58,377	88,286	35	57,863	87,904	70	116,240	176,190
18 TO 19 FEET	34	43,433	71,549	39	49,335	81,546	73	92,768	153,095
20 TO 21 FEET	5	11,567	18,289	14	40,998	65,558	19	52,565	83,847
22 TO 23 FEET	1	2,961	4,009	27	80,061	118,373	28	83,022	122,382
TOTALS	76	117,508	184,102	120	233,993	363,260	196	351,501	547,362
TUG OR DREDGE.									
5 FEET AND UNDER	12	133	433	10	77	312	22	210	745
6 TO 7 FEET	5	5	308	4	4	254	9	9	562
8 TO 9 FEET	14	438	634	14	437	633	28	875	1,267
10 TO 11 FEET	34	2,140	4,070	35	2,599	4,769	69	4,739	8,839
12 TO 13 FEET	2	27	455				2	27	455
TOTALS	67	2,743	5,900	63	3,117	5,968	130	5,860	11,868

TABLE 34. 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	19	6,836	6,836	16	3,076	3,079	35	9,912	9,915
6 TO 7 FEET	27	29,719	29,719	21	23,671	23,671	48	53,390	53,390
8 TO 9 FEET	13	7,335	7,335	16	7,740	7,740	29	15,075	15,075
10 TO 11 FEET	31	20,571	20,571	34	25,819	25,819	65	46,390	46,390
12 TO 13 FEET	27	32,018	32,018	28	34,540	34,540	55	66,558	66,558
TOTALS	117	96,479	96,479	115	94,846	94,849	232	191,325	191,328
OTHER VESSELS.									
5 FEET AND UNDER	40	264	272	29	197	205	69	461	477
10 TO 11 FEET				1	124	338	1	124	338
12 TO 13 FEET	3	450	1,041	3	450	1,041	6	900	2,082
14 TO 15 FEET				1	144	347	1	144	347
16 TO 17 FEET	4	4,366	5,871	5	6,040	7,545	9	10,406	13,416
18 TO 19 FEET	1	626	1,674	1	572	1,674	2	1,198	3,348
TOTALS	48	5,706	8,858	40	7,527	11,150	88	13,233	20,008
GRAND TOTALS	709	1,072,482	1,589,999	1,914	912,783	1,317,969	2,623	1,985,265	2,907,768

TABLE 35A. CARGO TONNAGE UPBOUND THROUGH THE SAULT STE. MARIE CANAL BY ORIGIN AND DESTINATION.

PORTS OF LOADING	CANADA			DESTINATION UNITED STATES			TOTAL		
	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL
PORTS BETWEEN SAULT STE. MARIE AND GULF OF ST. LAWRENCE.									
CANADA	441,358	3,359	444,717				441,358	3,359	444,717
UNITED STATES	15,013	6,312	21,325	23,499		23,499	38,512	6,312	44,824
TOTAL	456,371	9,671	466,042	23,499		23,499	479,870	9,671	489,541
PORTS OUTSIDE GULF OF ST. LAWRENCE.									
BELGIUM					1,085	1,085		1,085	1,085
TOTAL					1,085	1,085		1,085	1,085
GRAND TOTALS	456,371	9,671	466,042	23,499	1,085	24,584	479,870	10,756	490,626

TABLE 35B. CARGO TONNAGE DOWNBOUND THROUGH THE SAULT STE. MARIE CANAL BY DESTINATION AND ORIGIN.

PORTS OF UNLOADING	CANADA			ORIGIN UNITED STATES			TOTAL		
	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL	BULK	GENERAL	TOTAL
PORTS BETWEEN SAULT STE. MARIE AND GULF OF ST. LAWRENCE.									
CANADA	215,452	7,023	222,475	2,994		2,994	218,446	7,023	225,469
UNITED STATES	209,760	61,024	270,784	40,236		40,236	249,996	61,024	311,020
TOTAL	425,212	68,047	493,259	43,230		43,230	468,442	68,047	536,489
PORTS OUTSIDE GULF OF ST. LAWRENCE.									
UNITED KINGDOM				652		652	652		652
SOUTH AMERICAN COUNTRIES	674		674	133		133	807		807
OTHER AFRICAN COUNTRIES				767		767	767		767
TOTAL	674		674	1,552		1,552	2,226		2,226
GRAND TOTALS	425,886	68,047	493,933	44,782		44,782	470,668	68,047	538,715

TABLE 36A. 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	456,430	9,671	466,101
	UNITED STATES	24,440		24,440
	TOTAL	479,870	9,671	489,541

TABLE 36A. 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 OTHER THAN BETWEEN SAULT STE. MARIE AND THE GULF OF ST. LAWRENCE	NETHERLANDS		1,085	1,085
	TOTAL		1,085	1,085
	GRAND TOTALS	479,870	10,756	490,626

TABLE 36B. 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	425,104	68,047	493,151
	UNITED STATES	43,338		43,338
	TOTAL	468,442	68,047	536,489
PORTS OTHER THAN BETWEEN SAULT STE. MARIE AND THE GULF OF ST. LAWRENCE	UNITED KINGDOM	652		652
	GERMANY	674		674
	GREECE	133		133
	NORWAY	767		767
	TOTAL	2,226		2,226
GRAND TOTALS	470,668	68,047	538,715	

TABLE 37. NUMBER OF VESSELS AND CARGO TONNAGE THROUGH THE SAULT STE. MARIE CANAL BY KIND AND GROSS TONNAGE.

KIND AND GROSS TONNAGE OF VESSEL	NUMBER OF VESSELS		UPBOUND CARGO TONNAGE				DOWNBOUND CARGO TONNAGE							
	BAL.	TOTAL	BULK	GENERAL	TOTAL	AVERAGE	BAL.	CARGO	TOTAL	BULK	GENERAL	TOTAL	AVERAGE	
CARGO.														
UNDER 1,000	73	73					1,385	1,385						
1,000 TO 1,999	15	3	18	4,141	1,085	5,226	1,742.0	12	12	35,440		35,440	2,953.3	
2,000 TO 2,999	72	4	76	13,554		13,554	3,388.5	3	67	114,790	57,166	171,956	2,565.5	
3,000 TO 3,999	81	21	102	9,433	9,671	19,104	909.7	17	17	61,219	10,881	72,100	4,241.2	
4,000 TO 4,999	13	17	30	33,934		33,934	1,996.1	18	18	28,138		28,138	1,563.2	
5,000 TO 5,999	7	65	72	158,104		158,104	2,432.4	1	49	99,790		99,790	2,035.5	
6,000 TO 6,999	6	16	22	48,125		48,125	3,007.8	10	6	9,088		9,088	1,514.7	
7,000 TO 7,999	6		6					1						
TOTAL	273	126	399	267,291	10,756	278,047	...	1,400	169	1,569	348,465	68,047	416,512	...
BARGE OR SCOW.														
UNDER 1,000	2		2					7		7				
TOTAL	2		2				...	7		7			...	
TANKER.														
1,000 TO 1,999	3	39	42	124,988		124,988	3,204.8	44	6	50	17,084		17,084	2,847.3
2,000 TO 2,999	2	17	19	65,674		65,674	3,863.2	18	2	20	7,679		7,679	3,839.5
3,000 TO 3,999	7	5	12	20,220		20,220	4,044.0	4	8	12	36,170		36,170	4,521.3
4,000 TO 4,999	2	1	3	1,497		1,497	1,497.0	33		33				
5,000 TO 5,999								5		5				
TOTAL	14	62	76	212,379		212,379	...	104	16	120	60,933		60,933	...
TUG AND SCOW.														
UNDER 1,000	66	1	67	200		200	200.0	33	31	64	14,670		14,670	473.2
1,000 TO 1,999	50		50					3	48	51	46,600		46,600	970.8
TOTAL	116	1	117	200		200	...	36	79	115	61,270		61,270	...
OTHER.														
UNDER 1,000	111		111					98		98				
1,000 TO 1,999	4		4					5		5				
TOTAL	115		115				...	103		103			...	
GRAND TOTALS ..	520	189	709	479,870	10,756	490,626	...	1,650	264	1,914	470,668	68,047	538,715	...

TABLE 38. Number and Tonnage of Vessels, Cargo Tonnage, and Number of Passengers Through the Lachine and Cornwall Canals, 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				
Lachine														
Cargo:														
Canada	95	1	96	98,900	144,100	38	-	-	96	96	98,900	144,100	194,127	-
Totals	95	1	96	98,900	144,100	38	-	-	96	96	98,900	144,100	194,127	-
Scow or barge:														
Canada	-	-	-	-	-	-	-	-	1	1	1	100	-	-
Totals	-	-	-	-	-	-	-	-	1	1	1	100	-	-
Tug:														
Canada	9	-	9	9	584	-	-	-	15	15	15	552	-	-
Totals	9	-	9	9	584	-	-	-	15	15	15	552	-	-
Tug and dredge:														
Canada	6	9	15	4,433	4,433	859	-	-	6	2	8	2,749	2,749	35
Totals	6	9	15	4,433	4,433	859	-	-	6	2	8	2,749	2,749	35
Other:														
Canada	3	-	3	3	78	-	-	-	3	3	3	78	-	-
Totals	3	-	3	3	78	-	-	-	3	3	3	78	-	-
Lachine totals	113	10	123	103,345	149,195	897	-	-	25	98	123	101,668	147,579	194,162
Cornwall														
Cargo:														
Canada	-	2	2	3,482	4,778	5,900	-	-	2	2	3,482	4,778	-	-
Germany	-	4	4	3,128	6,208	7,497	-	-	4	4	3,128	6,208	-	-
Totals	-	6	6	6,610	10,986	13,397	-	-	6	6	6,610	10,986	-	-
Tanker:														
Canada	-	17	17	24,427	32,451	50,610	-	-	17	17	24,427	32,451	-	-
Totals	-	17	17	24,427	32,451	50,610	-	-	17	17	24,427	32,451	-	-
Tug:														
Canada	7	-	7	7	879	-	-	-	9	9	9	1,021	-	-
Totals	7	-	7	7	879	-	-	-	9	9	9	1,021	-	-
Tug and dredge:														
Canada	5	-	5	3,610	3,610	-	-	-	12	12	4,797	4,797	-	-
United States	-	4	4	5,497	5,497	10,055	-	-	4	4	5,497	5,497	-	-
Totals	5	4	9	9,107	9,107	10,055	-	-	16	16	10,294	10,294	-	-
Other:														
Canada	8	-	8	47	85	-	-	-	3	3	16	31	-	-
Totals	8	-	8	47	85	-	-	-	3	3	16	31	-	-
Cornwall totals	20	27	47	40,198	53,508	74,062	-	-	51	51	41,356	54,783	-	-
Grand totals	133	37	170	143,543	202,703	74,959	-	-	76	98	174	143,024	202,362	194,162

TABLE 39. Number and Tonnage of Vessels Through the Lachine and Cornwall Canals, by Origin and Destination, by Registry of Vessel, and by Rig

Origin and destination and country or 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
Lachine												
Upbound:												
Canada to Canada:												
Canada	4	5,279	8,644	83	60,902	87,104	14	4,016	4,016	101	70,197	99,764
Canada to United States:												
Canada	5	6,613	10,826	17	26,535	38,605	-	-	-	22	33,148	49,431
Totals	9	11,892	19,470	100	87,437	125,709	14	4,016	4,016	123	103,345	149,195
Downbound:												
Canada to Canada:												
Canada	-	-	-	57	8,200	12,503	8	2,749	2,749	65	10,949	15,252
United States to Canada:												
Canada	9	11,892	19,470	49	78,827	112,857	-	-	-	58	90,719	132,327
Totals	9	11,892	19,470	106	87,027	125,360	8	2,749	2,749	123	101,668	147,579
Lachine totals	18	23,784	38,940	206	174,464	251,069	22	6,765	6,765	246	205,013	296,774

TABLE 39. Number and Tonnage of Vessels Through the Lachine and Cornwall Canals, by Origin and Destination, by Registry of Vessel, and by Rig - Concluded

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
Cornwall												
Upbound:												
Canada to Canada:												
Canada	5	3,610	3,610	34	27,963	38,193	-	-	-	39	31,573	41,803
United States to Canada:												
United States	-	-	-	-	-	-	4	5,497	5,497	4	5,497	5,497
United Kingdom to Canada:												
Germany	-	-	-	4	3,128	6,208	-	-	-	4	3,128	6,208
Totals	5	3,610	3,610	38	31,091	44,401	4	5,497	5,497	47	40,198	53,508
Downbound:												
Canada to Canada:												
Canada	1	92	92	31	27,934	38,281	11	4,705	4,705	43	32,731	43,076
Canada to Canada:												
United States	2	2,676	2,676	-	-	-	-	-	-	2	2,676	2,676
Canada to United States:												
United States	2	2,821	2,821	-	-	-	-	-	-	2	2,821	2,821
Canada to United Kingdom:												
Germany	-	-	-	1	782	1,552	-	-	-	1	782	1,552
Canada to Other:												
Germany	-	-	-	3	2,346	4,656	-	-	-	3	2,346	4,656
Totals	5	5,589	5,589	35	31,062	44,489	11	4,705	4,705	51	41,356	54,788
Cornwall totals	10	9,199	9,199	73	62,153	88,890	15	10,202	10,202	98	81,554	108,221
Grand totals	28	32,983	48,139	279	236,617	339,959	37	16,967	16,967	344	286,567	405,006

TABLE 40. Cargo Tonnage Through the Lachine and Cornwall Canals, 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
Lachine								
Coal bituminous, sub-bituminous and lignite	-	-	-	184,029	-	-	-	184,029
Lumber	38	10,098	-	-	-	-	38	10,098
Structural steel	859	-	-	-	-	-	859	-
Machinery	-	35	-	-	-	-	-	35
Totals	897	10,133	-	184,029	-	-	897	194,162
Cornwall								
China clay	-	-	-	-	7,497	-	7,497	-
Salt	5,900	-	-	-	-	-	5,900	-
Organic chemicals	-	-	10,055	-	-	-	10,055	-
Fuel oil	50,610	-	-	-	-	-	50,610	-
Totals	56,510	-	10,055	-	7,497	-	74,062	-
Grand totals	57,407	10,133	10,055	184,029	7,497	-	74,959	194,162

TABLE 41. CARGO TONNAGE THROUGH THE ST. LAWRENCE AND / OR WELAND 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	6,504,897	15,718	6,520,615	350,164	30,945	381,109	6,855,061	46,663	6,901,724
OTHER CANADIAN LAKE SUPERIOR	75,951		75,951	4,198		4,198	80,149		80,149
GODERICH	381,574		381,574				381,574		381,574
OTHER CANADIAN LAKE HURON	53,055	11,668	64,723	64,701	559	65,260	117,756	12,227	129,983
OTHER GEORGIAN BAY	147,326		147,326	56,744	66	56,810	204,070	66	204,136
SARNIA	498,300	52,738	551,038	341,953	4,219	346,172	840,253	56,957	897,210
WINDSOR	531,467	18,948	550,415	92,143	8,971	101,114	623,610	27,815	651,429
CANADIAN ST. CLAIR LAKE AND RIVER AND DETROIT RIVER	115,408	678	116,086	5,100		5,100	120,508	678	121,186
PORT COLBORNE	1,512,199	3,813	1,516,012	176,554		176,554	1,688,753	3,813	1,692,566
CANADIAN LAKE ERIE	15,641		15,641	184,290		184,290	199,931		199,931
THOROLD	29,899	116,222	146,121	481,458	4,149	485,607	511,357	120,371	631,728
PORT WELLS				148,931	992	149,923	148,531	992	149,523
OTHER CANADIAN WELAND CAN.	13,231		13,231	382,917	337	383,254	396,148	337	396,485
HAMILTON	628,793	114,305	743,098	11,195,374	102,403	11,297,777	11,824,167	216,708	12,040,875
TORONTO	194,012	120,714	314,726	6,313,025	526,975	6,840,000	6,507,037	647,665	7,154,726
PICTON	509,182		509,182	19,346		19,346	528,528		528,528
KINGSTON	51,850		51,850	209,605		209,605	261,455		261,455
PRESCOTT	137,210		137,210	438,487	1,215	439,702	575,697	1,215	576,912
CORNWALL	5,652	3,626	9,278	88,057	712	88,769	93,709	4,338	98,047
OTHER LAKE ONTARIO & ST-LAWRENCE RIVER TO CARDINAL	639,257	7,019	646,276	2,433,697	9,895	2,443,592	3,072,954	16,914	3,089,868
ST-LAWRENCE CANAL	220,440	216	220,656	320,118	5,472	325,590	540,558	5,688	546,246
LACHINE	2,725	1,212	3,937	189,747	7,084	196,831	192,472	8,256	200,768
MONTREAL	2,315,296	48,340	2,363,636	3,233,983	8	3,233,991	5,549,275	48,348	5,597,627
CONTRECOEUR	507,710		507,710				507,710		507,710
SOREL	174,591		174,591	320,684		320,684	495,275		495,275
THREE RIVERS	1,428	20,160	21,588	790,687		790,687	792,115	20,160	812,275
QUEBEC	704	16,444	17,148	1,247,550	830	1,248,380	1,248,254	17,274	1,265,528
PORT ALFRED	6,173	30,927	37,100	344,640		344,640	350,813	30,927	381,740
BAIE COMEAU	177,684	64,654	242,338	1,834,871	1,196	1,836,067	2,012,555	65,850	2,078,405
PORT CARTIER	7,316,385		7,316,385	1,397,036		1,397,036	8,713,421		8,713,421
POINTE NOIRE	4,955,870		4,955,870	116,820	4,064	120,884	5,072,650	4,064	5,076,754
SEPT ILES	5,504,910		5,504,910	123,657	400	124,057	5,628,567	400	5,628,967
OTHER CANADIAN ST-LAWRENCE PORTS EAST OF MONTREAL	161,272	17,978	179,250	132,959	575	133,534	294,231	18,553	312,784
HALIFAX				179,526		179,526	179,526		179,526
SYDNEY	668,755		668,755				668,755		668,755
OTHER ATLANTIC COAST & GULF OF ST-LAWRENCE	65,380	123,408	188,788	22,009	25	22,034	87,389	123,433	210,822
OTAWA RIVER				20		20			20
TOTALS	34,124,227	788,688	34,912,915	33,241,051	711,092	33,952,143	67,365,278	1,499,780	68,865,058
IN UNITED STATES.									
ALTOUZ	360,827		360,827				360,827		360,827
DULUTH	2,022,598	90,249	2,112,847	1,392	56,853	58,245	2,023,590	147,102	2,171,092
SUPERIOR	813,260	4,205	817,465		1,879	1,879	813,260	6,084	819,344
TACONITE	1,818,917		1,818,917				1,818,917		1,818,917
OTHER U.S. LAKE SUPERIOR	104,471		104,471				104,471		104,471
CHICAGO	2,944,579	206,147	3,150,726	404,513	2,366,169	2,770,682	3,349,692	2,572,316	5,922,008
GARY		43,761	43,761	3,464,560	474	3,465,034	3,464,560	44,235	3,508,795
INDIANNA HARBOUR	8,936		8,936	1,309,936		1,309,936	1,318,872		1,318,872
MILWAUKEE	300,966	158,333	459,299	84,485	266,154	350,639	385,451	424,487	809,938
OTHER U.S. LAKE MICHIGAN	221,378	34,854	256,232	59,394	24,596	83,990	280,772	59,450	340,222
UNITED STATES LAKE HURON	296,060	34,980	331,040	37,718	13,612	51,330	333,778	48,592	382,370
DETROIT	464,899	77,230	542,129	774,978	2,147,164	2,922,142	1,239,877	2,224,394	3,464,271
OTHER U.S. ST. CLAIR LAKE AND RIVER AND DETROIT RIVER	170,643		170,643	102,885	2,715	105,600	273,528	2,715	276,243
ASHTABULA	1,023,070	242	1,023,312	1,411,571	44,324	1,455,895	2,434,841	44,566	2,479,407
BUFFALO	158,605	1,090	159,695	926,969	27,879	954,848	1,085,574	28,959	1,114,533
CLEVELAND	85,484	44,131	129,615	4,589,135	962,737	5,551,872	4,674,619	1,006,868	5,681,487
CONNEAULT	4,396,203	141	4,396,344	3,651,707		3,651,707	8,047,510	141	8,048,051
ERIE	52,669	14,194	66,863	23,056	4,981	28,037	75,275	19,175	94,400
LACKAWANA				205,894		205,894	205,894		205,894
LORAIN	10,721		10,721	132,491		132,491	143,212		143,212
SANDUSKY	3,647,861		3,647,861	75,940		75,940	3,723,801		3,723,801
TOLEDO	3,530,434	32,122	3,562,556	316,158	373,891	690,049	3,846,552	406,013	4,252,605
OTHER U.S. LAKE ERIE	96,689		96,689	560,237	1,151	561,388	656,926	1,151	658,077
OSWEGO	23,562	837	24,399	202,149	4,303	206,452	225,711	5,140	230,851
ROCHESTER	7,468	2,260	9,728	46,200	22,750	68,950	53,668	25,010	78,678
OTHER U.S. LAKE ONTARIO AND ST-LAWR. RIVER TO OGDENSBURG	1,658	295	1,953	154,970	881	155,851	156,628	1,176	157,804
U.S. ST. LAWRENCE CANAL				199,953		199,953	199,953		199,953
U.S. ATLANTIC & GULF MEXICO	265,823	5,399	271,222	81,044	7,223	88,267	346,867	12,622	359,489
U.S. HUDSON RIVER	132,551	3	132,554	147,708		147,708	280,259	3	280,262
ALL OTHER	1,328,038	6,576,017	7,904,055	6,206,503	1,074,340	7,280,843	7,534,541	7,650,357	15,184,898
TOTALS	24,288,370	7,326,480	31,614,850	25,171,546	7,404,076	32,575,622	49,459,916	14,730,556	64,190,472
GRAND TOTALS	58,412,597	8,115,168	66,527,765	58,412,597	8,115,168	66,527,765	116,825,194	16,230,336	133,055,530

TABLE 42. CARGO TONNAGE THROUGH THE CANADA IN 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 .	142,663	57,166	199,829	282,960		282,960	425,623	57,166	482,789
OTHER CANADIAN LAKE SUPERIOR	283,223	10,881	294,104	173,411	9,671	183,082	456,634	20,552	477,186
GODERICH	3,200		3,200	7,710		7,710	10,910		10,910
OTHER CANADIAN LAKE HURON ..	23,395		23,395	60,855		60,855	84,250		84,250
OTHER GEORGIAN BAY				5,751		5,751	5,751		5,751
SARNIA	180,497		180,497	11,448		11,448	191,945		191,945
WINOSCA	56,311	3,359	59,670	11,013	7,023	18,036	67,324	10,382	77,706
CANADIAN ST. CLAIR LAKE AND RIVER AND DETROIT RIVER	15,281		15,281	189		189	15,470		15,470
TOTALS	704,570	71,406	775,976	553,337	16,694	570,031	1,257,907	88,100	1,346,007
IN UNITED STATES.									
DULUTH	4,413		4,413		1,085	1,085	4,413	1,085	5,498
SUPERIOR	40,369		40,369				40,369		40,369
OTHER U.S. LAKE SUPERIOR ...				23,499		23,499	23,499		23,499
CHICAGO	23,499		23,499	7,907	23,589	31,496	31,406	23,589	54,995
MILWAUKEE				23,582	29,285	52,867	23,582	29,285	52,867
OTHER U.S. LAKE MICHIGAN ...				135,453	4,292	139,745	135,453	4,292	139,745
UNITED STATES LAKE HURON ...	12,875		12,875	23,858		23,858	36,733		36,733
DETROIT	1,133	6,312	7,445	36,748	3,858	40,606	37,881	10,170	48,051
CLEVELAND	47		47	7,412		7,412	7,459		7,459
TOLEDO	17		17	10,106		10,106	10,123		10,123
OTHER U.S. LAKE ERIE				4,930		4,930	4,930		4,930
ALL OTHER	163,615	1,085	164,700	123,706		123,706	287,321	1,085	288,406
TOTALS	245,968	7,397	253,365	397,201	62,109	459,310	643,169	69,506	712,675
GRAND TOTALS	950,538	78,803	1,029,341	950,538	78,803	1,029,341	1,901,076	157,606	2,058,682

TABLE 43. Vessel Transits, Number of Passengers, and Cargo Tonnage by Commodity, Through the Canadian and United States Sault Ste. Marie Canals¹

	Upbound			Downbound			Grand total 1968	Grand total 1967	
	Canadian Canal	United States Canal ²	Total	Canadian Canal	United States Canal ²	Total			
	Number								
Vessel transits	709	7,453	8,162	1,914	6,249	8,163	14,411	17,409	
Passengers	5,476	159,760	165,236	132,535	39,581	172,116	337,355	332,199	
	Cargo tonnage								
Paper and woodpulp	-	-	-	175,382	92,386	267,768	267,768	265,890	
Pulpwood, lumber and logs	-	-	-	10,948	44,216	55,164	55,164	78,629	
Wheat	-	10,546	10,546	-	8,420,414	8,420,414	8,430,960	9,283,731	
Barley	-	-	-	41,351	1,021,031	1,062,382	1,062,382	2,050,286	
Oats	-	-	-	1,966	467,490	469,456	469,456	873,337	
Corn	-	8,401	8,401	2,994	469,382	472,386	480,787	632,768	
Rye	-	-	-	8,336	117,625	125,961	125,961	196,796	
Flaxseed	-	-	-	-	382,047	382,047	382,047	472,986	
Soy beans	-	4,228	4,228	-	137,035	137,035	141,263	194,053	
Flour	-	-	-	765	26,562	27,327	27,327	15,124	
Mill products, screenings	-	4,480	4,480	4,642	288,073	292,715	297,195	434,160	
Iron ore	-	13,440	13,440	-	65,668,103	65,668,103	65,681,543	63,596,042	
Manufactured iron and steel	3,359	200,145	203,504	13,029	293,960	306,989	510,493	426,023	
Pig iron	-	16,243	16,243	4,794	114,556	119,350	135,593	90,017	
Scrap iron	-	-	-	-	107,381	107,381	107,381	59,522	
Sand, gravel and stone	200	1,523,474	1,523,674	60,070	13,940	74,010	1,597,684	1,637,188	
Fuel oil	168,255	337,027	505,282	14,650	59,094	73,744	579,026	624,333	
Other petroleum products	-	-	-	8,526	-	8,526	8,526	9,027	
Gasoline	44,124	188,810	232,934	28,940	56,944	85,884	318,818	284,242	
Cement	-	362,980	362,980	-	-	-	362,980	304,324	
Coal, bituminous	-	6,702,220	6,702,220	-	-	-	6,702,220	7,350,062	
Coal, anthracite	-	-	-	-	-	-	-	36,247	
Coke	-	2,081	2,081	-	-	-	2,081	7,238	
Salt	15,700	-	15,700	-	-	-	15,700	3,179	
Autos, trucks and parts.....	272	-	273	-	-	-	273	-	
Other	258,715	666,552	925,267	162,322	491,964	654,286	1,579,553	1,413,379	
Totals	490,626	10,040,627	10,531,253	538,715	78,272,213	78,810,928	89,342,181	90,338,583	

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.

TABLE 44A. 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.
1	FOOD, FEED, BEVERAGES, TOBACCO	-	-	-	-	-	-
2	MEAT, FRESH OR FROZEN	-	-	-	-	301	-
3	MEAT, CURED	-	-	-	-	-	-
4	MEAT AND MEAT PREP. NES	-	-	-	-	207	-
5	FISH, FRESH OR FROZEN	-	-	-	-	60	38
6	FISH, SALTED OR CURED	-	-	-	-	91	31
7	FISH, CANNED	-	-	-	-	256	26
8	SHELL FISH, NES	-	-	-	-	-	-
9	CHEESE	-	-	-	-	44	19
10	MILK POWDER	-	-	-	-	-	-
11	DAIRY PROD. EGGS, HONEY	-	-	-	-	294	-
12	BARLEY	-	8,790	-	-	-	-
13	CEREAL, UNMILLED, NES	-	-	-	-	2	10
14	CORN MEAL AND FLOUR	-	-	-	-	-	-
15	CORN STARCH	-	-	-	-	-	-
16	MALT AND MALT FLOUR	-	-	-	-	3	-
17	CEREALS, MILLED, NES	-	-	-	-	-	5
18	BAKERY PROD. INCL. FROZEN	-	-	-	-	1,435	149
19	MACARONI, CEREAL PROD.	-	-	-	-	53	6
20	FRESH FRUITS, BERRIES	-	-	-	-	-	-
21	FROZEN FRUITS, BERRIES	-	-	-	-	181	-
22	DRIED FRUITS	-	-	-	-	-	-
23	FRUIT JUICES, CONC.	-	-	-	-	423	-
24	FRUIT PULP, PUREE	-	-	-	-	43	-
25	FRUITS, PRESERVED	-	-	-	-	485	12
26	FRUITS, PREPARATIONS	-	-	667	-	956	106
27	PEANUTS	-	-	-	-	-	-
28	NUTS, EXC. OIL NUTS NES	-	-	-	-	50	-
29	VEGETABLES, FRESH	-	-	-	-	-	-
30	VEGETABLES, FROZEN	-	-	-	-	3	-
31	VEGETABLES, DRIED	-	-	-	-	51	-
32	VEGETABLE PREP. NES	-	-	-	-	448	52
33	RAW SUGAR	-	-	-	-	-	-
34	MOLASSES, CRUDE	-	-	15,197	13,690	-	-
35	MOLASSES, REFINED	-	-	-	-	-	-
36	SYRUP	-	-	-	-	18	2
37	SUGAR PREPARATIONS	-	-	-	-	4,576	1,723
38	COCOA AND CHOCOLATE	-	-	-	-	1,254	3,217
39	COFFEE	-	-	-	-	11	-
40	TEA	-	-	-	-	104	-
41	SPICES	-	-	-	-	14	21
42	VINEGAR	-	-	-	-	-	-
43	SAUSAGE CASINGS	-	-	-	-	-	34
44	MISC. FOOD PREP. NES	-	-	-	-	3,139	222
45	GROUND CEREALS NES	-	-	-	-	-	12
46	SOYABEAN OIL MEAL, CAKE	-	-	-	-	-	-
47	BREWERS GRAINS	-	-	-	-	-	-
48	FEEDS OF VEG. ORIGIN	-	-	-	-	-	23
49	FEEDS OF ANIMAL ORIGIN	-	-	-	-	50	-
50	CONC. COMPLETE FEEDS	-	-	-	-	13	-
51	NON-ALCOHOLIC BEVERAGE	-	-	-	-	94	107
52	ALE, BEER, STOUT, PORTER	-	-	2	-	784	831
53	WINES	-	-	-	-	2,467	1,222
54	FERM. ALCOHOLIC BEV.	-	-	-	-	23	-
55	DIST. ALCOHOLIC BEV.	-	-	12	-	8,470	38,287
56	TOBACCO NES	-	-	-	-	50	-
57	TOTAL	-	8,790	15,878	13,690	26,453	46,161
58	CRUDE MATERIALS, INEDIBLE.	-	-	-	-	-	-
59	RAW HIDES AND SKINS	-	-	-	-	15	85
60	CRUDE ANIMAL PROD. NES	-	-	-	-	-	-
61	SEEDS FOR SOWING NES	-	-	-	-	86	17
62	RAPESEED	-	-	-	-	3	-
63	OIL SEEDS, NUTS NES	-	-	-	-	14	-
64	NURSERY, GREENHOUSE STOCK	-	-	-	-	7	-
65	RUBBER ALLIED GUMS NAT.	-	-	-	-	49	123
66	CRUDE VEG. PROD. NES	-	-	-	-	22	105
67	LOGS	750	-	-	-	-	-
68	HOLTS, ROUND TIMBER	-	-	-	-	-	27
69	PULPWOOD	147,342	165,704	-	-	-	-
70	CRUDE WOOD MTL. NES	600	-	-	-	8	-
71	WOOL AND ANIMAL HAIR	-	-	-	-	1,296	28
72	TEXTILE FIBRES NES	-	-	-	-	634	170
73	ALUMINA, BAUXITE DRES	-	18,512	-	-	17	-
74	IRON ORE AND CONC.	3,050,410	14,969,352	-	-	-	-
75	MANGANESE ORE	66,493	65,963	-	-	-	-
76	NICKEL-COPPER ORE	-	-	-	-	-	-
77	TITANIUM ORE	7,596	1,609	1,500	-	-	-
78	ORES AND CONC. NES	1,594	-	-	-	5	-
79	IRON AND STEEL SCRAP	-	457	-	-	-	-
80	NON-FERROUS MET. SCRAP	-	-	-	-	-	-
81	SLAG, DROSS, BY-PRODUCTS	-	2,241	-	-	189	195
82	COAL BITUMINOUS	789,382	-	-	-	-	-
83	COAL NES	-	-	-	-	-	-
84	CRUDE PETROLEUM	-	-	-	52,661	-	-
85	NATURAL GAS	-	-	-	-	-	48
86	ASBESTOS	-	-	-	-	61	73
87	BENTONITE	-	-	-	-	-	-
88	CHINA CLAY	-	-	-	-	7,508	28,134
89	CLAY MATERIALS NES	-	-	-	-	79	12
90	STONE, CRUDE, NES	-	-	-	-	-	-
91	BARYTES, NATURAL	-	-	-	-	-	-

TABLE 44A. 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
279	-	76	203	99	142	755	345	1,100	2
-	-	-	83	-	-	-	83	83	3
86	-	928	886	592	1,350	1,813	2,236	4,049	4
19	-	305	186	7	152	391	376	767	5
-	-	353	436	-	-	444	467	911	6
40	11	982	1,862	766	2,759	2,044	4,658	6,702	7
-	-	-	-	98	177	98	177	275	8
-	-	2,444	2,827	24	2	2,512	2,848	5,360	9
-	-	10	28	-	-	10	28	38	10
164	-	51	31	153	212	662	743	905	11
-	-	-	9,926	-	-	-	18,716	18,716	12
-	-	181	35	-	-	183	45	228	13
-	-	30	-	-	-	30	-	30	14
-	-	123	63	-	-	123	63	186	15
-	-	-	-	-	-	3	-	3	16
-	-	24	121	-	-	24	126	150	17
-	-	197	58	-	-	1,632	207	1,839	18
14	68	177	225	-	-	244	1,483	1,727	19
-	200	3	15	-	1,184	3	215	218	20
-	-	325	-	94	-	600	-	600	21
579	-	168	91	-	-	747	91	838	22
-	-	324	182	1,467	146	2,214	328	2,542	23
-	-	4,849	3,276	-	-	4,892	3,276	8,168	24
9	-	5,652	10,549	16	82	6,162	10,643	16,805	25
11,338	1,799	1,072	299	1,723	6,247	15,756	8,451	24,207	26
133	-	-	-	406	-	539	-	539	27
11	12	664	30	534	158	1,259	200	1,459	28
-	-	130	8	-	-	130	8	138	29
-	-	-	-	-	-	3	193	196	30
29	-	153	14	3	-	436	14	450	31
46	82	19,496	14,500	1,163	2,750	21,153	17,384	38,537	32
134,693	-	-	-	26,285	-	160,978	-	160,978	33
32,632	-	-	-	-	-	47,829	13,690	61,519	34
41	-	-	-	-	-	41	41	41	35
-	-	-	6	-	-	18	8	26	36
198	-	1,760	883	60	-	6,594	2,606	9,200	37
5,597	7,971	3,781	6,327	-	961	10,632	18,476	29,108	38
740	84	97	2	520	1,101	1,368	1,187	2,555	39
102	4	190	6	41	-	437	16	453	40
373	16	247	177	4	-	659	164	822	41
-	-	61	22	-	-	61	22	83	42
-	15	1,459	-	-	41	-	1,549	1,549	43
1,331	214	3,057	1,540	1,347	2,512	8,874	4,488	13,362	44
-	-	-	-	6	-	6	12	18	45
-	-	-	24	-	-	-	24	24	46
-	-	8,685	-	-	-	-	8,685	8,685	47
-	-	380	-	6	45	6	448	454	48
-	-	-	-	-	185	50	185	235	49
-	-	13	27	463	147	489	174	663	50
-	-	91	90	-	-	185	197	382	51
-	-	3,779	7,830	43	225	4,608	8,886	13,494	52
1,108	9	10,653	29,991	140	220	14,368	31,442	45,810	53
-	-	-	-	8	30	31	30	61	54
404	1,160	1,455	3,105	-	36	10,341	42,588	52,929	55
-	-	590	141	-	-	640	141	781	56
189,986	11,645	64,691	106,579	36,068	21,057	333,076	207,922	540,998	57
-	-	-	-	-	-	-	-	-	58
-	-	405	473	2	82	422	640	1,062	59
106	-	69	204	-	-	175	204	379	60
10	-	655	693	-	-	751	710	1,461	61
-	-	-	-	-	-	3	-	3	62
1,695	17	141	-	6,134	-	7,984	17	8,001	63
-	-	772	939	-	16	779	955	1,734	64
16,738	76,373	70	24	50	17,277	16,907	93,797	110,704	65
235	302	117	118	55	291	429	816	1,245	66
897	-	-	16	-	-	1,647	16	1,663	67
-	-	-	97	-	-	-	124	124	68
-	-	52	-	-	-	147,342	165,704	313,046	69
98	-	55	-	-	-	660	-	660	70
763	1,825	137	-	141	-	1,590	28	1,618	71
68,275	-	-	-	3,278	365	4,812	2,360	7,172	72
-	-	-	-	6,067	21,230	74,359	39,742	114,101	73
1,122	-	1,962	-	-	-	3,052,372	14,969,352	18,021,724	74
-	-	-	2,128	-	-	67,615	68,091	135,706	75
-	-	-	-	2,535	-	2,535	-	2,535	76
1,737	43,542	-	171	-	-	10,833	45,322	56,155	77
21,293	-	36	23	3,929	-	26,857	23	26,880	78
-	-	-	-	-	-	-	457	457	79
-	-	95	108	-	15	284	318	602	80
-	-	-	19	-	-	-	2,260	2,260	81
-	-	-	-	-	-	789,382	-	789,382	82
11,320	-	6	-	78,517	-	6	6	6	83
-	-	44	-	-	-	89,941	52,661	142,602	84
-	-	-	95	-	-	-	135	135	85
7	805	9	368	30	788	107	2,034	2,141	86
-	-	2	-	-	-	-	2	2	87
-	-	-	-	-	-	7,508	28,139	35,647	88
-	-	-	-	-	-	79	12	91	89
139	959	2,506	2,126	-	-	2,645	3,085	5,730	90
-	-	37	7,495	-	7,840	37	15,335	15,372	91

TABLE 44A. 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.
92	FLUORSPAR	4,444	55,757	29,059	9,307	255	8,058
93	GYPSUM	30,458	-	-	-	-	-
94	CRUDE NON-MET. MIN. NES	-	-	-	-	10	148
95	COTTON, TEXTILE WASTE	-	-	-	-	331	185
96	WASTE AND SCRAP NES	-	-	-	-	40	-
97	TOTAL	4,099,069	15,279,595	30,559	61,968	10,629	37,405
98	FABRICATED MATERIALS, INEDIBLE	-	-	-	-	-	-
99	LEATHER	-	-	-	-	132	-
100	RUBBER FAB. MATERIALS	-	-	-	-	512	254
101	LUMBER AND TIMBER	10,066	-	-	-	-	-
102	FLOORING	-	-	-	-	45	-
103	SAWMILL PROD. NES	-	-	-	-	-	-
104	VENEER AND PLYWOOD	-	-	-	-	57	2
105	WOOD FABRICATED MIL.	-	-	-	-	136	6
106	PULP	-	7,953	-	-	-	-
107	NEWSPRINT PAPER	993	234,771	-	-	-	-
108	PAPER NES	-	8,908	-	-	324	340
109	PAPERBOARD	-	-	-	-	11	-
110	BLDG. PAPER AND BOARD	-	-	-	-	81	9
111	WET MACHINE BOARD	-	-	-	-	129	47
112	CORDAGE, TWINE, ROPE	-	-	1,361	3,351	13	559
113	JUTE WOVEN FABRICS	-	-	-	-	-	21
114	TEXTILE FAB. MTL. NES	-	-	-	-	2,449	65
115	ANIMAL OILS, EXC. MARINE	-	-	-	-	26	-
116	FISH, MARINE ANIMAL OIL	997	-	-	-	362	26
117	VEG. OILS, FATS, NES	-	-	-	-	7,437	21
118	OILS, FATS, WAXES, NES	-	-	-	-	649	91
119	SULPHURIC ACID	-	7,115	-	-	-	-
120	METALLIC SALTS	-	-	-	-	7,559	2,140
121	INORGANIC CHEMICALS	-	-	2,493	-	452	538
122	GLYCOL	-	-	-	-	-	-
123	ORGANIC CHEMICALS NES	-	1,478	7,449	-	6,732	4,649
124	EXPLOSIVES	-	-	-	-	-	-
125	FERTILIZERS	-	-	-	-	-	-
126	FERT. & FERT. MAT. NES	6,056	20,942	-	-	-	-
127	AGRICULTURAL CHEMICALS	-	6,119	-	-	324	13
128	SYNTHETIC RUBBER	-	-	-	-	577	7
129	PLASTIC MATERIALS	-	-	-	-	1,041	79
130	DYESTUFF, PIGMENT, PAINTS	-	-	-	-	998	364
131	CHEM. SPECIALTIES NES	8,146	-	-	-	479	199
132	GASOLINE	214,727	12,833	-	-	-	-
133	FUEL OIL	1,678,223	98,279	15,919	24,557	-	-
134	LUBRICATING OIL, GREASE	139,116	-	-	-	263	68
135	ASPHALTS, ROAD OILS	637	-	-	-	-	-
136	COAL TAR, PITCH	-	-	-	-	-	-
137	PETROL. COAL PROD. NES	18,015	-	-	-	134	-
138	FERRO-ALLOYS	-	-	-	-	69	82
139	PIG IRON	-	174,591	-	-	-	-
140	PRIMARY IRON, STEEL NES	-	-	-	-	1,642	20,897
141	CASTINGS, FORGINGS	-	-	-	-	5,319	3,373
142	BAR AND RODS, STEEL	-	-	-	-	7,308	73,339
143	PLATE & SHEET STEEL	-	57,117	-	-	7,411	470,190
144	STRUCTURAL SHAPES	995	-	-	-	16,378	68,249
145	RAILS AND TRACK MTL.	-	-	-	-	1,278	12
146	PIPE, TUBE, IRON & STEEL	-	-	-	-	3,719	5,417
147	WIRE	-	-	-	-	2,830	6,902
148	ALUMINUM	-	1,414	-	-	1,009	7,345
149	COPPER AND ALLOYS	-	-	-	-	352	347
150	LEAD AND ALLOYS	-	-	-	-	21	89
151	NICKEL AND ALLOYS	-	-	-	-	6	-
152	ZINC AND ALLOYS	-	-	-	-	88	273
153	NON-FERROUS METAL NES	-	-	-	-	72	231
154	METAL FAB. BASIC PROD.	-	-	-	-	2,252	6,409
155	BUILDING BRICK, CLAY	-	-	-	-	-	-
156	DRAIN TILES, PIPES	-	-	-	-	-	-
157	BRICKS, TILES, NES	-	-	-	-	7,077	651
158	GLASS BASIC PRODUCTS	-	-	-	-	2,312	11,763
159	ASBESTOS BASIC PROD.	-	-	-	-	166	177
160	CEMENT	28,867	-	-	-	-	-
161	CEMENT BASIC PROD.	-	-	-	-	233	37
162	NON-MET. MIN. BASIC PROD.	-	-	-	-	2,195	851
163	MISC. FABRICATED PROD.	-	-	-	-	1,921	788
164	TOTAL	2,106,838	631,470	27,222	27,908	94,530	686,924
165	END PRODUCTS, INEDIBLE	-	-	-	-	-	-
166	TRACTORS	-	-	-	-	4,240	13,718
167	MACHINERY NES	20	784	-	-	16,993	18,205
168	RAILWAY ROLLING STOCKS	-	-	-	-	-	20
169	PASS. AUTOS & CHASSIS	-	1	-	-	652	952
170	BUSES AND CHASSIS	-	-	-	-	21	18
171	TRUCKS AND CHASSIS	-	-	-	-	225	108
172	MILITARY MOTOR VEH. & TRA.	-	-	-	-	-	-
173	MOTOR VEHICLE ENGINES	-	-	-	-	1,266	2,217
174	ROAD MOTOR VEH. NES	-	-	-	-	145	14
175	SHIPS, AIRCRAFT, MIS. VEH.	30	-	-	-	1,009	1,714
176	RUBBER TIRES & TUBES	-	-	-	-	197	358
177	EQUIPMENT	76	-	-	-	2,904	1,122
178	TOTAL	126	285	-	-	27,652	38,481

TABLE 44A. 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.		
-	-	-	64,381	-	-	33,758	137,503	171,261	92
-	-	-	-	-	-	30,458	-	30,458	93
-	45	351	3,501	141	303	502	3,997	4,499	94
644	465	203	59	572	455	1,750	1,164	2,914	95
-	5	5	44	37	-	82	49	131	96
125,139	124,338	7,727	83,084	101,488	48,662	4,374,611	15,635,052	20,009,663	97
-	-	-	-	-	-	-	-	-	98
-	-	24	35	-	61	156	96	252	99
57	-	46	52	105	117	720	423	1,143	100
13,561	202	-	133	950	538	24,577	873	25,450	101
-	-	-	-	-	-	45	-	45	102
-	-	12	17	7	-	19	17	36	103
955	2,922	578	8,238	17,716	24,264	19,306	35,426	54,732	104
-	35	119	74	-	192	255	307	562	105
-	-	8	50,856	-	-	8	58,809	58,817	106
-	-	-	-	35	-	1,028	234,771	235,799	107
-	-	638	2,500	52	73	1,014	11,771	12,785	108
-	50	33	11	14	4,268	58	4,329	4,387	109
-	1,866	5,675	3,366	167	451	5,923	5,692	11,615	110
-	-	121	6	14	71	264	124	388	111
2,834	8,334	3,580	22,502	5,435	4,620	13,223	39,366	52,589	112
404	3,573	6	-	-	-	410	3,594	4,004	113
349	72	1,214	307	947	175	4,959	619	5,578	114
56	-	40	5	-	-	122	5	127	115
-	-	-	4,559	5	4	1,364	4,589	5,953	116
15,015	-	25,537	7,285	4,458	4,699	52,447	12,005	64,452	117
495	932	797	380	1,610	3,488	3,551	4,891	8,442	118
-	-	11	-	-	-	11	7,115	7,126	119
15	101	6,068	3,626	111	311	13,753	6,178	19,931	120
5	-	1,907	5,758	249	903	5,146	7,199	12,345	121
-	-	31	-	-	-	31	-	31	122
130	5	9,080	11,424	1,994	3,389	25,385	20,895	46,280	123
-	-	371	-	-	-	371	-	371	124
-	-	1,133	11	-	-	1,133	11	1,144	125
-	-	168	154	-	44	6,224	21,140	27,364	126
-	-	1,445	449	60	-	1,829	6,581	8,410	127
10	-	429	148	65	698	1,081	853	1,934	128
43	122	3,308	1,051	1,278	690	5,742	1,942	7,684	129
11	58	1,331	744	15	598	2,355	1,768	4,123	130
40	-	907	2,516	248	892	9,770	3,607	13,377	131
-	-	-	-	-	13,633	214,727	26,466	241,193	132
13,431	-	12,507	-	309,916	-	2,029,996	122,836	2,152,832	133
1,365	-	109	41	-	-	141,053	109	141,162	134
-	-	23	-	-	-	660	-	660	135
-	-	15	-	-	-	15	-	15	136
-	-	1,036	397	17	70	19,202	467	19,669	137
3,927	38	1,764	66,625	1,205	3,488	6,965	70,233	77,198	138
-	-	23,634	67,216	-	-	23,634	241,807	265,441	139
-	-	15	316	6	681	1,663	21,894	23,557	140
65	71	215	1,014	239	17,510	5,838	21,968	27,806	141
-	444	20,411	192,225	2,773	202,033	30,492	468,041	498,533	142
169	1,387	30,293	1,995,024	6,021	1,167,985	43,894	3,691,703	3,735,597	143
239	209	82,775	588,243	1,239	102,066	101,626	758,767	860,393	144
-	-	95	2,328	-	72	1,373	2,412	3,785	145
-	119	8,203	13,327	2,349	26,194	14,271	45,057	59,328	146
9	117	7,546	39,889	3,273	56,861	13,622	103,769	117,391	147
449	32	1,564	15,314	158	1,424	3,180	25,529	28,709	148
40	-	732	1,977	54	240	1,178	2,604	3,782	149
-	-	-	1,575	-	2,009	21	3,673	3,694	150
-	-	4,121	67	-	32	4,127	99	4,226	151
-	-	39	44	-	34,481	127	34,798	34,925	152
1,346	1,522	133	1,102	121	2,974	1,677	5,829	7,501	153
163	389	7,391	28,838	4,544	47,675	14,350	83,311	97,661	154
-	-	-	29	-	-	-	29	29	155
-	-	36	-	-	-	36	-	36	156
-	-	404	11,966	1,125	1,086	8,606	13,703	22,309	157
63	-	21,019	41,933	23	4,892	23,417	58,588	82,005	158
-	-	20	352	-	-	186	529	715	159
-	-	1,467	-	-	-	30,334	-	30,334	160
-	-	52	-	-	-	285	37	322	161
17	-	2,126	5,719	4,044	11,824	8,382	18,394	26,776	162
15	188	266	828	1,090	3,056	3,292	4,860	8,152	163
55,550	22,788	292,628	3,202,596	373,736	1,750,822	2,950,504	6,322,508	9,273,012	164
-	-	-	-	-	-	-	-	-	165
-	15	3,714	19,002	543	159	8,497	32,894	41,391	166
169	186	20,654	30,756	1,734	5,629	39,570	55,060	94,630	167
-	-	-	-	16	877	16	897	913	168
-	-	15,365	63,613	-	9	16,017	64,575	80,592	169
-	-	-	1	-	-	21	19	40	170
-	-	143	913	50	2	418	1,073	1,441	171
-	-	-	-	-	9	-	9	9	172
50	17	1,862	6,986	142	1,724	3,320	10,944	14,264	173
-	-	20	63	-	22	165	99	264	174
53	12	1,143	3,059	318	144	2,553	4,929	7,482	175
-	-	518	5,220	132	847	5,731	5,731	6,578	176
323	187	2,281	2,781	1,787	1,045	7,371	5,179	12,550	177
993	417	45,700	132,394	4,722	9,772	78,795	181,354	260,154	178

TABLE 44A. 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.
179	MISCELLANEOUS FREIGHT N.E.S.	-	-	-	-	-	-
180	PERSONAL, HSEHOLD. GOODS	-	1	6	-	9,367	2,222
181	FIREARMS, AMMUNITION	-	-	-	-	24	-
182	CONTAINERS, CLDSURES	-	-	-	-	136	734
183	MISC. END PRODUCTS	21,721	4,139	-	-	18,885	10,040
184	TOTAL	21,721	4,140	6	-	28,412	12,496
185	DOMESTIC PACKAGE FREIGHT	-	-	-	-	-	-
186	DOMESTIC PACKAGE FRT.	175,587	-	-	-	-	-
187	TOTAL	175,587	-	-	-	-	-
188	GRAND TOTALS	6,403,341	15,924,280	73,665	103,566	187,676	821,477

TABLE 44B. 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	-	-	1,613	137	326	9	2,085
3	MEAT, CURED	-	-	-	618	-	-	618
4	MEAT AND MEAT PREP. NES	-	-	-	513	7	-	520
5	FISH, FRESH OR FROZEN	-	-	3	-	-	-	3
6	FISH, SALTED OR CURED	-	-	-	227	-	-	227
7	FISH, CANNED	-	-	-	-	4	-	4
8	SHELL FISH, NES	-	-	-	-	26	-	26
9	BUTTER	-	-	-	-	-	-	-
10	CHEESE	-	-	-	-	-	-	-
11	MILK POWDER	-	-	-	-	7,786	212	7,998
12	DAIRY PROD. EGGS, HONEY	-	-	437	-	201	-	638
13	BARLEY	423,505	-	25,153	-	-	14	448,672
14	CORN	9,711	-	-	72	-	-	9,783
15	ONIONS	204,753	-	1,142	649	6,420	3,442	216,406
16	RYE	18,380	-	9,458	-	29,873	-	57,711
17	WHEAT	4,558,914	-	206,885	-	89,756	18,426	4,873,981
18	CEREAL, UNMILLED, NES	-	-	-	-	-	-	-
19	CORN MEAL AND FLOUR	-	-	-	18	-	-	18
20	CORN STARCH	-	-	-	-	-	-	-
21	MALT AND MALT FLOUR	52,368	-	2,408	1,941	-	4,759	61,476
22	WHEAT FLOUR	-	-	43	20,866	-	5,233	26,142
23	CEREALS, MILLED, NES	-	-	-	-	-	-	-
24	BAKERY PROD. INCL. FROZEN	-	-	4	-	-	-	4
25	MACARONI, CEREAL PROD.	-	-	9	-	-	-	9
26	FROZEN FRUITS, BERRIES	-	-	444	-	-	-	444
27	DRIED FRUITS	-	-	118	24	-	-	142
28	FRUIT JUICES, CONC.	-	-	-	-	3	-	3
29	FRUIT PULP, PUREE	-	-	-	3	-	-	3
30	FRUITS, PRESERVED	-	-	-	-	-	-	-
31	FRUITS, PREPARATIONS	-	-	497	71	139	-	707
32	PEANUTS	-	-	17	-	-	-	17
33	NUTS, EXC. OIL NUTS NES	-	-	251	52	-	-	303
34	VEGETABLES, FRESH	-	-	1,921	159	-	146	2,226
35	VEGETABLES, FROZEN	-	-	700	-	-	-	700
36	VEGETABLES, DRIED	-	-	14,237	568	2,347	-	17,152
37	VEGETABLE PREP. NES	-	-	10,117	1,016	368	88	11,589
38	SUGAR NES	-	-	-	-	-	-	-
39	MOLASSES, CRUDE	-	-	-	-	-	-	-
40	SYRUP	-	-	-	-	-	-	-
41	SUGAR PREPARATIONS	-	-	71	15	20	51	157
42	COCOA AND CHOCOLATE	-	-	100	-	11	-	111
43	COFFEE	-	-	57	13	-	-	70
44	SPICES	-	-	10	8	-	-	18
45	SHORTENING	-	-	-	-	-	-	-
46	LARD	-	-	-	-	-	-	-
47	SAUSAGE CASTINGS	-	-	-	-	58	-	58
48	MISC. FOOD PREP. NES	-	-	2,804	646	301	63	3,814
49	HULLS, SCREENINGS, CHAFF	3,216	-	74,658	-	-	-	77,874
50	BRAN, SHORTS, MIDDINGS	1,198	-	-	-	-	-	1,198
51	GROUND CEREALS NES	-	-	8,436	13	-	300	8,749
52	SOYABEAN OIL MEAL, CAKE	-	-	89,700	1,904	-	-	91,604
53	OIL SEED MEAL, CAKE, NES	-	-	1,075	-	812	-	1,887
54	BREWERS GRAINS	1,034	-	-	56	-	366	1,456
55	FEEDS OF VEG. ORIGIN	-	-	226	15	-	-	241
56	FEEDS OF ANIMAL ORIGIN	-	-	547	-	266	222	1,035
57	CONC. COMPLETE FEEDS	-	-	1,904	203	22	13	2,142
58	NON-ALCOHOLIC BEVERAGE	-	-	-	-	2	-	2
59	ALE, BEER, STOUT, PORTER	-	-	-	-	-	-	-
60	WINES	-	-	25	-	8	-	33
61	DIST. ALCOHOLIC BEV.	-	-	176	9	14	-	199
62	CIGARETTES	-	-	-	-	80	-	80
63	TOBACCO NES	-	-	12,326	-	351	15	12,692
64	TOTAL	5,273,079	-	467,572	29,761	139,201	33,359	5,942,872

TABLE 44A. CARGO TONNAGE UPBOUND THROUGH THE ST. LAWRENCE CANALS BY COMMODITY, ORIGIN AND DESTINATION.

OTHER BRITISH COMMONWEALTH		OTHER EUROPE		OTHER COUNTRIES		TOTAL		GRAND TOTAL	VO.
TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.	TO CANADA	TO U.S.A.		
-	-	-	-	-	-	-	-	-	179
1,735	504	8,530	5,419	5,953	5,619	25,591	13,765	39,356	180
6	-	1,596	162	-	-	1,626	162	1,788	181
80	48	781	620	19	-	1,016	902	1,918	182
1,494	669	20,738	14,629	4,975	6,257	67,813	35,734	103,547	183
3,315	1,221	31,645	20,830	10,947	11,876	96,046	50,563	146,609	184
-	-	-	-	-	-	-	-	-	185
-	-	53	27	-	-	175,640	27	175,667	186
-	-	53	27	-	-	175,640	27	175,667	187
374,585	160,409	442,444	3,545,510	526,961	1,842,189	8,008,672	22,397,431	30,406,103	188

TABLE 44B. CARGO TONNAGE DOWNBOUND THROUGH THE ST. LAWRENCE CANALS BY COMMODITY, ORIGIN AND DESTINATION.

CANADA	U.S.A.	UNITED STATES				TOTAL	GRAND TOTAL	VO.
		UNITED KINGDOM	OTHER BRITISH COMMONWEALTH	OTHER EUROPE	OTHER COUNTRIES			
-	-	-	-	-	-	-	-	1
-	-	10,633	65	27,408	550	38,656	40,741	2
-	-	-	460	15	201	676	1,294	3
-	-	10	70	32	124	236	756	4
-	-	-	-	-	-	-	3	5
-	-	-	126	-	41	167	389	6
-	-	-	-	-	-	-	4	7
-	-	-	-	-	-	-	26	8
-	-	-	78	1,514	2,733	4,325	4,325	9
-	-	-	2	1,177	771	1,950	1,950	10
-	-	-	17,171	3,856	69,362	90,389	98,387	11
-	-	241	235	798	7,876	9,150	9,788	12
14,819	-	-	14,734	39,785	28,426	97,764	546,436	13
1,291,497	-	863,392	14,313	941,378	33,379	3,143,959	3,153,692	14
-	-	-	-	45,574	-	45,574	261,980	15
8,551	-	-	-	34,284	2,526	45,361	103,072	16
986,678	-	16,537	13,323	460,641	197,836	1,675,015	6,548,996	17
-	-	-	-	757	22	774	774	18
-	-	-	88,267	752	63,968	152,987	153,005	19
-	-	3,434	143	21	16	3,614	3,614	20
-	-	37	228	11	12,267	12,543	74,019	21
-	-	-	2,729	6,804	87,259	96,792	122,934	22
-	-	219	34,674	543	14,987	50,423	50,423	23
-	-	-	-	-	-	-	4	24
-	-	185	567	3,313	-	4,065	4,074	25
-	-	30	-	-	-	30	474	26
-	-	-	-	-	-	-	142	27
-	-	-	-	13	-	13	16	28
-	-	-	-	-	-	-	3	29
-	-	-	-	7	-	7	7	30
-	-	147	-	76	-	223	930	31
-	-	-	-	-	-	-	17	32
-	-	44	-	-	-	44	347	33
-	-	-	-	20	-	20	2,246	34
-	-	-	-	-	-	-	700	35
12,386	-	45,409	1,092	15,226	5,379	79,492	96,644	36
-	-	215	-	1,759	407	2,381	13,970	37
-	-	4,336	-	2,689	1,122	8,147	8,147	38
-	-	-	-	2,750	-	2,750	2,750	39
-	4,757	-	-	-	-	4,757	4,757	40
-	-	9	-	46	57	112	269	41
-	-	-	-	47	-	47	158	42
-	-	-	-	-	-	-	70	43
-	-	10	-	39	-	49	67	44
-	-	-	-	76	-	76	76	45
-	-	48,425	-	7,175	-	55,600	55,600	46
-	-	379	35	1,153	3	1,570	1,628	47
25	-	385	117	739	164	1,430	5,244	48
-	-	-	-	527	-	527	78,401	49
-	-	-	-	-	-	-	1,198	50
-	-	1,420	-	9,158	22	10,600	19,349	51
-	-	20	-	106,131	624	106,775	198,379	52
-	-	-	-	67,590	-	67,590	69,477	53
-	-	-	-	2,508	30	2,538	3,994	54
-	-	103	-	414,623	4,314	419,040	419,281	55
-	-	-	-	19	-	577	1,612	56
-	-	931	-	3,595	435	4,961	7,103	57
-	-	-	-	16	-	16	18	58
-	-	-	-	44	-	44	44	59
-	-	-	-	17	36	53	86	60
-	-	52	1	609	-	662	861	61
-	-	-	-	-	-	-	80	62
-	-	-	-	34	-	34	12,726	63
7,311,954	4,757	996,603	188,430	2,205,344	535,495	6,244,585	12,187,557	64

TABLE 44B. 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	
65	CRUDE MATERIALS, INEDIBLE.	-	-	-	-	-	-	-
66	RAW HIDES AND SKINS	-	-	654	264	12,715	1,659	15,292
67	CRUDE ANIMAL PROD. NES	-	-	185	-	9	-	194
68	SEEDS FOR SOWING NES	-	-	535	-	621	86	1,242
69	FLAXSEED	49,931	-	19,883	-	67,310	-	137,124
70	MUSTARD SEED	-	-	-	-	18,555	-	18,555
71	RAPSEED	14,262	-	-	-	2,259	-	16,521
72	SOYA BEANS	54,631	-	9,992	-	586	-	65,209
73	OIL SEEDS, NUTS NES	-	-	2	2	4	67	75
74	RUBBER ALLIED GUMS NAT.	-	-	-	-	-	-	-
75	CRUDE VEG. PROD. NES	-	-	-	-	197	-	197
76	LOGS	-	-	820	27	1,314	-	2,161
77	BOLTS, ROUND TIMBER	-	-	44	-	-	-	44
78	CRUDE WOOD MTL. NES	-	-	-	-	-	-	-
79	WOOL AND ANIMAL HAIR	-	-	15	-	-	-	15
80	TEXTILE FIBRES NES	-	-	51	651	257	11	970
81	ALUMINA, BAUXITE ORES	-	-	-	25	608	-	633
82	COPPER ORE AND CONC.	-	-	-	-	-	910	910
83	IRON ORE AND CONC.	200	-	-	-	-	-	200
84	MANGANESE ORE	-	-	-	-	-	-	-
85	NICKEL-COPPER ORE	-	-	-	-	-	-	-
86	ORES AND CONC. NES	-	-	28	-	10,990	1,561	12,579
87	IRON AND STEEL SCRAP	550	-	-	-	-	-	550
88	NON-FERROUS MET. SCRAP	-	-	755	23	20,555	1,615	22,948
89	SLAG, DROSS, BY-PRODUCTS	9,841	-	300	-	1,054	-	11,195
90	COAL BITUMINOUS	-	-	-	-	153	-	153
91	COAL NES	315	-	-	-	-	-	315
92	NATURAL GAS	-	-	7	-	-	-	7
93	BENTONITE	-	-	-	-	-	-	-
94	DOLOMITE	-	-	-	-	-	-	-
95	CLAY MATERIALS NES	-	-	-	-	-	-	-
96	SAND AND GRAVEL	-	-	-	-	-	-	-
97	LIMESTONE	-	-	-	-	27	-	27
98	STONE, CRUDE, NES	43,415	-	-	-	-	-	43,415
99	FLUORSPAR	-	-	-	-	-	-	-
100	GYPHUM	-	-	-	-	-	-	-
101	SALT	468,278	-	81	-	-	-	468,359
102	CRUDE NON-MET. MIN. NES	-	-	24	29	-	-	53
103	COTTON, TEXTILE WASTE	-	-	25	427	1,276	143	1,865
104	WASTE AND SCRAP NES	-	-	29	18	437	13	497
105	TOTAL	641,423	-	33,430	1,661	138,927	6,065	821,306
106	FABRICATED MATERIALS, INEDIBLE	-	-	-	-	-	-	-
107	LEATHER	-	-	218	117	71	-	406
108	RUBBER FAB. MATERIALS	-	-	14	-	-	-	14
109	LUMBER AND TIMBER	475	-	1,262	20	2,019	1,380	5,156
110	FLOORING	-	-	73	-	99	-	172
111	SHINGLES AND SHAKES	-	-	-	-	-	-	-
112	SAWMILL PROD. NES	-	-	274	16	-	-	290
113	VENEER AND PLYWOOD	-	-	104	231	63	-	398
114	COOPERAGE STOCK ETC.	-	-	-	-	6	-	6
115	WOOD FABRICATED MTL.	-	-	18	-	-	-	18
116	PULP	-	-	3,388	-	3,943	-	7,331
117	NEWSPRINT PAPER	-	7,223	-	4,019	20	581	11,843
118	PAPER NES	-	-	1,143	1,222	180	129	2,674
119	PAPERBOARD	-	-	-	-	-	-	-
120	BLDG. PAPER AND BOARD	-	-	23	-	397	26	441
121	WET MACHINE BOARD	-	-	-	299	-	-	299
122	CORDAGE, TWINE, ROPE	-	-	-	-	-	-	-
123	TEXTILE FAB. MTL. NES	-	-	3	260	11	-	274
124	ANIMAL OILS, EXC. MARINE	-	-	4,320	835	5,001	20	10,176
125	FISH, MARINE ANIMAL OIL	-	-	-	-	-	-	-
126	SOYABEAN OIL	-	-	12,728	-	-	-	12,728
127	VEG. OILS, FATS, NES	-	-	910	-	-	-	910
128	OILS, FATS, WAXES, NES	-	-	1,905	267	421	-	2,593
129	METALLIC SALTS	15,108	-	2,475	377	1,685	36	19,681
130	INORGANIC CHEMICALS	6,259	-	218	16	490	7,333	14,316
131	GLYCOL	2,584	-	1,221	-	-	-	3,805
132	ORGANIC CHEMICALS NES	-	-	44,061	2,199	7,137	798	54,195
133	FERT. & FERT. MAT. NES	-	-	33	11,215	20	6,271	17,539
134	AGRICULTURAL CHEMICALS	-	-	708	42	-	-	750
135	SYNTHETIC RUBBER	-	-	22,049	1,935	22,015	2,587	48,586
136	PLASTIC MATERIALS	-	-	2,425	4,146	3,223	1,192	10,986
137	DYESTUFF, PIGMENT, PAINTS	-	-	1,215	188	249	6	1,658
138	CHEM. SPECIALTIES NES	-	-	1,090	119	10,942	223	12,374
139	GASOLINE	-	-	-	-	-	143	143
140	FUEL OIL	56,726	-	-	-	-	-	56,726
141	LUBRICATING OIL, GREASE	1,539	-	69	75	-	1,087	2,770
142	COKE	2,146	-	-	-	-	-	2,146
143	ASPHALTS, ROAD OILS	-	-	512	-	-	-	512
144	COAL TAR, PITCH	-	-	-	-	-	-	-
145	PETROL, COAL PROD. NES	23,543	-	-	24	372	-	23,939
146	FERRO-ALLOYS	-	-	-	-	5	-	5
147	PIG IRON	527	-	-	-	-	-	527
148	PRIMARY IRON, STEEL NES	-	-	-	-	-	15	15
149	CASTINGS, FORGINGS	26,553	-	15	2	-	9	26,579
150	BAR AND RODS, STEEL	-	-	1,028	595	5,385	73	7,081
151	PLATE & SHEET STEEL	1,452	-	11,745	5,035	48,879	17,743	84,854
152	STRUCTURAL SHAPES	1,836	-	1,459	1,307	242	39	4,883
153	RAILS AND TRACK MTL.	65	-	-	11	-	-	76
154	PIPE, TUBE, IRON & STEEL	-	-	47	2,344	171	6	2,568
155	WIRE	-	-	120	257	198	20	595

TABLE 448. 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			
-	-	-	-	-	-	-	-	65
-	-	3,128	375	56,495	5,129	65,127	80,419	66
-	-	71	-	299	34	404	598	67
-	-	199	-	1,714	340	2,253	3,495	68
27,063	-	-	-	212,242	-	234,305	371,429	69
-	-	-	-	37	-	37	18,592	70
-	-	-	-	-	-	-	16,521	71
483,066	-	4,352	-	415,116	358,875	1,261,409	1,326,618	72
-	-	-	-	1,682	-	1,682	1,757	73
-	-	28	-	34	-	62	62	74
-	-	-	-	153	-	153	350	75
-	-	30	-	76,999	110	27,139	29,300	76
-	-	-	-	-	-	-	44	77
-	-	20	-	-	-	20	20	78
-	-	-	-	127	-	127	142	79
-	-	84	-	914	62	1,060	2,030	80
-	-	-	-	23	-	23	656	81
-	-	-	-	292	-	292	1,202	82
-	-	-	-	-	-	-	200	83
-	-	-	105	28	-	133	133	84
-	-	-	-	104	-	104	104	85
-	-	-	-	109	-	109	12,688	86
-	-	724	68	129,356	293,346	422,702	423,252	87
-	-	500	-	9,866	475	11,133	34,081	88
416,340	-	-	-	633	-	1,133	12,328	89
-	-	-	-	-	-	416,340	416,493	90
-	-	1,205	-	934	-	-	315	91
133,679	-	12,525	-	40,792	167	2,139	2,146	92
-	-	-	21	71	-	187,163	187,163	93
5,455	-	508	-	1,883	56	7,902	7,902	94
-	-	91	-	54	-	145	145	95
-	-	-	-	-	-	-	27	96
-	-	-	-	5,975	-	5,975	5,975	97
-	-	-	-	521	-	521	5,975	98
110,462	-	-	-	301	-	110,763	579,122	99
-	-	2,176	-	712	1	2,889	2,942	100
-	-	872	169	6,020	243	7,304	9,170	101
-	-	677	145	3,048	168	4,038	4,535	102
1,171,065	-	27,190	883	916,534	659,006	2,774,678	3,595,984	103
-	-	-	-	-	-	-	-	104
-	-	71	99	56	-	226	632	105
-	-	-	-	15	-	15	29	106
-	-	1,734	6	7,988	37	4,765	9,921	107
-	-	59	-	185	-	244	416	108
-	-	-	-	17	-	17	111	109
-	-	-	-	28	-	28	318	110
-	-	-	-	529	8	537	935	111
-	-	60	-	68	5	133	139	112
-	-	5	5	7	-	17	35	113
-	-	-	-	222	-	222	7,553	114
-	-	-	-	-	-	-	11,843	115
-	-	285	1,854	502	130	2,771	5,445	116
-	-	31	12	-	71	114	114	117
-	-	28	64	484	44	620	1,061	118
-	-	26	-	134	20	180	479	119
-	-	-	-	100	-	100	100	120
-	-	-	80	26	-	106	380	121
-	-	5,735	10,085	96,873	25,602	138,295	148,471	122
-	-	-	-	1,059	-	1,059	1,059	123
-	-	-	-	-	-	-	12,728	124
-	-	5,265	-	16,296	1,553	23,114	24,024	125
-	-	1,138	-	1,118	474	2,730	5,323	126
19,599	-	217	134	3,689	455	24,094	43,775	127
-	-	189	7	1,028	314	1,538	15,854	128
2,606	-	-	-	12	16	28	3,833	129
-	-	2,046	3,595	17,140	5,582	30,969	85,164	130
-	-	42	-	2,815	146	3,003	20,542	131
-	-	265	502	733	538	2,038	7,788	132
-	-	182	1,292	955	423	2,852	51,438	133
-	-	3,185	6,072	11,249	3,348	23,854	36,840	134
-	-	20	3	881	97	1,001	2,659	135
-	-	4,881	919	6,004	981	12,785	25,159	136
-	-	-	-	-	-	-	143	137
-	2,447	-	70	6	-	2,523	59,249	138
-	-	3,039	51	4,635	325	8,050	10,820	139
267,155	-	-	-	-	-	267,155	269,301	140
22,465	-	1,609	-	1,039	-	2,648	3,160	141
-	55,358	-	-	883	-	23,348	23,348	142
-	-	272	28	4,131	-	59,789	83,728	143
-	-	184	-	-	-	184	189	144
-	-	8	-	-	-	8	535	145
-	-	-	-	18,755	-	18,755	18,770	146
-	-	27	33	243	8	306	26,885	147
-	-	41	-	1,169	431	1,641	8,722	148
-	-	2,780	1,179	46,938	1,435	52,332	137,186	149
-	-	53	85	682	129	949	5,832	150
-	-	-	-	-	-	-	76	151
-	-	52	186	13	-	677	3,496	152
-	-	18	-	258	13	289	884	153

TABLE 44B. 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	
156	ALUMINUM	-	-	95	-	224	-	319
157	COPPER AND ALLOYS	-	-	3,149	126	1,235	2,379	6,889
158	LEAD AND ALLOYS	-	-	-	40	200	121	361
159	NICKEL AND ALLOYS	-	-	1,962	25	46	3	2,036
160	ZINC AND ALLOYS	-	-	85	-	682	-	767
161	NON-FERROUS METAL NES	316	-	21	998	404	-	1,739
162	METAL FAB. BASIC PROD.	-	-	851	457	530	78	1,916
163	BUILDING BRICK, CLAY	-	-	-	21	-	-	21
164	BRICKS, TILES, NES	-	-	-	70	-	-	70
165	GLASS BASIC PRODUCTS	-	-	9	15	389	24	437
166	ASBESTOS BASIC PROD.	-	-	-	-	-	-	-
167	CEMENT	20,987	-	54	-	-	-	21,041
168	CEMENT BASIC PROD.	552	-	66	-	-	-	618
169	LIME	-	-	-	-	-	-	-
170	NON-MET. MIN. BASIC PROD.	2,028	-	220	48	389	-	2,685
171	MISC. FABRICATED PROD.	-	-	44	16	6	-	66
172	TOTAL	162,696	7,223	123,429	38,989	117,344	42,322	492,003
173	END PRODUCTS, INEDIBLE.	-	-	-	-	-	-	-
174	TRACTORS	-	-	105	16	874	431	1,426
175	MACHINERY NES	4,730	-	1,426	1,037	1,483	358	9,034
176	RAILWAY ROLLING STOCKS	-	-	-	-	-	1,385	1,385
177	PASS. AUTOS & CHASSIS	6	-	-	171	98	5,544	5,819
178	BUSES AND CHASSIS	-	-	-	-	-	-	-
179	TRUCKS AND CHASSIS	-	-	30	137	3	-	170
180	MILITARY MOTOR VEH. & TRA.	-	-	-	-	16	-	16
181	MOTOR VEHICLE ENGINES	-	-	495	135	1,815	45	2,490
182	ROAD MOTOR VEH. NES	-	-	-	73	4	-	77
183	SHIPS, AIRCRAFT, MIS. VEH.	-	-	197	-	8	-	205
184	RUBBER TIRES & TUBES	-	-	9	7	29	-	45
185	EQUIPMENT	-	-	1,889	236	684	284	3,093
186	TOTAL	4,736	-	4,151	1,812	5,014	8,047	23,760
187	MISCELLANEOUS FREIGHT N.E.S.	-	-	-	-	-	-	-
188	PERSONAL, HSPHOLO. GOODS	-	-	1,184	467	668	104	2,423
189	FIREARMS, AMMUNITION	-	-	-	-	-	-	-
190	CONTAINERS, CLOSURES	7	-	1,637	234	993	109	2,980
191	MISC. END PRODUCTS	-	-	2,781	1,773	2,473	639	7,666
192	TOTAL	7	-	5,602	2,474	4,134	852	13,069
193	DOMESTIC PACKAGE FREIGHT	-	-	-	-	-	-	-
194	DOMESTIC PACKAGE FRT.	304,089	-	-	-	-	-	304,089
195	TOTAL	304,089	-	-	-	-	-	304,089
196	GRAND TOTALS	6,386,030	7,223	634,184	74,497	404,620	90,645	7,597,199

TABLE 44B. 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			
-	-	126	-	447	-	573	852	156
-	-	418	-	3,193	128	3,739	10,628	157
-	-	-	-	-	-	-	361	158
-	-	6	114	252	23	395	2,431	159
-	-	-	-	-	-	-	767	160
-	-	72	-	306	-	378	2,117	161
-	-	416	136	1,056	669	2,277	4,193	162
5,526	-	-	-	-	-	-	21	163
-	-	113	1,571	276	200	7,686	7,756	164
-	-	117	-	40	-	157	594	165
-	-	-	-	-	16	16	16	166
-	-	-	-	-	-	-	21,041	167
-	-	-	-	-	-	-	618	168
-	-	-	-	21	-	21	21	169
-	-	2,370	231	1,486	135	4,222	6,907	170
-	-	213	-	313	34	560	626	171
317,351	57,805	37,393	28,413	251,355	44,067	736,384	1,228,387	172
-	-	-	-	-	-	-	-	173
-	-	4,561	2,163	6,279	3,957	16,960	18,386	174
829	-	9,265	6,859	30,262	15,525	62,740	71,774	175
-	-	-	640	810	99	1,549	2,934	176
1	-	20	17,538	10,994	4,420	32,973	38,792	177
-	-	-	-	15	-	15	15	178
-	-	378	95	1,185	3,811	5,469	5,639	179
-	-	19	206	7,822	327	8,374	8,390	180
-	-	2,274	10,216	4,408	2,832	19,730	22,220	181
-	-	5	109	1,185	289	1,588	1,665	182
-	-	57	57	1,062	21	1,197	1,402	183
-	-	265	7	676	7	975	1,020	184
-	-	668	311	3,482	1,142	5,603	8,656	185
830	-	17,512	38,201	68,200	32,430	157,173	180,933	186
-	-	-	-	-	-	-	-	187
-	-	667	445	1,709	2,526	5,347	7,770	188
-	-	50	-	2,080	82	2,212	2,212	189
-	-	1,060	92	1,685	614	3,451	6,431	190
1	-	4,463	1,488	8,681	3,631	18,264	25,930	191
-	-	6,240	2,025	14,155	6,853	29,274	42,343	192
-	-	-	-	-	-	-	-	193
505	-	-	-	-	-	505	304,594	194
505	-	-	-	-	-	505	304,594	195
3,803,708	62,562	1,784,938	257,952	3,455,588	1,277,851	9,942,599	17,539,798	196

TABLE 45A. CARGO TONNAGE UPBOUND THROUGH THE WELAND 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	-	-	-	-	-	-
3	MEAT, CURED	-	-	-	-	-	-
4	MEAT AND MEAT PREP. NES	-	-	-	-	-	-
5	FISH, FRESH OR FROZEN	-	-	-	-	-	38
6	FISH, SALTED OR CURED	-	-	-	-	23	31
7	FISH, CANNED	-	-	-	-	53	26
8	SHELL FISH, NES	-	-	-	-	-	-
9	CHEESE	-	-	-	-	-	19
10	MILK POWDER	-	-	-	-	-	-
11	DAIRY PROD. EGGS, HONEY	-	-	-	-	-	-
12	BARLEY	-	8,790	-	-	-	-
13	WHEAT	3,525	-	-	-	-	-
14	CEREAL, UNMILLED, NES	-	-	-	-	-	10
15	CORN STARCH	-	-	-	-	-	-
16	CEREALS, MILLED, NES	-	-	-	-	-	5
17	BAKERY PROD. INCL. FROZEN	-	-	-	-	-	149
18	MACARONI, CEREAL PROD.	-	-	-	-	-	6
19	FRESH FRUITS, BERRIES	-	-	-	-	-	-
20	DRIED FRUITS	-	-	-	-	-	-
21	FRUIT JUICES, CONC.	-	-	-	-	-	-
22	FRUIT PULP, PUREE	-	-	-	-	-	-
23	FRUITS, PRESERVED	-	-	-	-	-	12
24	FRUITS, PREPARATIONS	-	-	-	-	-	106
25	NUTS, EXC. OIL NUTS NES	-	-	-	-	-	-
26	VEGETABLES, FRESH	-	-	-	-	-	-
27	VEGETABLES, FROZEN	-	-	-	-	-	-
28	VEGETABLES, DRIED	-	-	-	-	-	-
29	VEGETABLE PREP. NES	-	-	-	-	-	36
30	RAW SUGAR	-	-	-	36,738	-	-
31	SUGAR NES	-	-	-	17,853	-	-
32	MOLASSES, CRUDE	-	-	-	60,744	-	-
33	SYRUP	-	-	-	11,619	-	2
34	SUGAR PREPARATIONS	-	-	-	-	302	1,723
35	COCOA AND CHOCOLATE	-	-	-	-	-	1,409
36	COFFEE	-	-	-	-	-	-
37	TEA	-	-	-	-	-	6
38	SPICES	-	-	-	-	-	21
39	VINEGAR	-	-	-	-	-	-
40	SAUSAGE CASINGS	-	-	-	-	-	34
41	MISC. FOOD PREP. NES	-	-	-	-	88	222
42	GROUND CEREALS NES	-	-	-	-	-	12
43	SOYABEAN OIL MEAL, CAKE	-	-	-	-	-	-
44	BREWERS GRAINS	-	-	-	-	-	-
45	FEEDS OF VEG. ORIGIN	-	-	-	-	-	23
46	FEEDS OF ANIMAL ORIGIN	-	-	-	-	-	-
47	CONC. COMPLETE FEEDS	-	-	-	-	-	-
48	NON-ALCOHOLIC BEVERAGE	-	-	-	-	-	107
49	ALE, BEER, STOUT, PORTER	-	-	-	-	32	783
50	WINES	-	-	-	-	249	1,207
51	FERM. ALCOHOLIC BEV.	-	-	-	-	-	-
52	DIST. ALCOHOLIC BEV.	-	-	-	-	1,754	37,378
53	TOBACCO NES	-	-	-	-	-	-
54	TOTAL	3,525	8,790	-	126,954	2,501	43,365
55	CRUDE MATERIALS, INEDIBLE.	-	-	-	-	-	-
56	RAW HIDES AND SKINS	-	-	-	-	-	85
57	CRUDE ANIMAL PROD. NES	-	-	-	-	-	-
58	SEEDS FOR SOWING NES	-	-	-	-	-	17
59	OIL SEEDS, NUTS NES	-	-	-	-	-	-
60	NURSERY, GREENHOUSE, STOCK	-	-	-	-	-	-
61	RUBBER ALLIED GUMS NAT.	-	-	-	-	-	123
62	CRUDE VEG. PROD. NES	-	-	-	-	-	105
63	LOGS	-	-	-	-	-	-
64	BOLTS, ROUND TIMBER	-	-	-	-	-	27
65	PULPWOOD	147,342	91,733	-	-	-	-
66	WOOL AND ANIMAL HAIR	-	-	-	-	-	28
67	TEXTILE FIBRES NES	-	-	-	-	-	170
68	ALUMINA, BAUXITE ORES	-	18,512	-	-	-	-
69	IRON ORE AND CONC.	13,300	15,464,072	-	-	-	-
70	MANGANESE ORE	66,493	65,963	-	-	-	-
71	NICKEL-COPPER ORE	-	-	-	-	-	-
72	TITANIUM ORE	7,596	1,609	-	-	-	-
73	ORES AND CONC. NES	1,594	-	-	-	-	-
74	IRON AND STEEL SCRAP	-	457	-	-	-	-
75	NON-FERROUS MET. SCRAP	-	-	-	-	-	195
76	SLAG, DROSS, BY-PRODUCTS	-	2,241	-	-	-	-
77	COAL BITUMINOUS	11,574	-	-	-	-	-
78	CRUDE PETROLEUM	-	-	-	52,661	-	-
79	NATURAL GAS	-	-	-	-	-	40
80	ASBESTOS	-	-	-	-	-	73
81	BENTONITE	-	-	-	-	-	-
82	CHINA CLAY	-	-	-	-	-	28,139
83	DOLOMITE	-	1,372,173	-	-	-	-
84	CLAY MATERIALS NES	-	-	-	-	-	12
85	SAND AND GRAVEL	8,849	-	-	-	-	-
86	STONE, CRUDE, NES	-	-	-	-	-	-
87	BAKYTES, NATURAL	-	-	-	-	-	-
88	FLUORSPAR	-	61,421	2,530	9,307	-	4,058
89	CRUDE NON-MET. MIN. NES	-	-	-	-	-	148

TABLE 45A. 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
-	-	-	203	-	142	-	345	345	2
-	-	-	83	-	-	-	83	83	3
-	-	-	886	-	1,350	-	2,236	2,236	4
-	-	65	186	-	152	65	376	441	5
-	-	-	436	-	-	23	467	490	6
-	11	-	1,862	-	2,759	53	4,658	4,711	7
-	-	-	-	-	177	-	177	177	8
-	-	-	2,827	-	2	-	2,848	2,848	9
-	-	-	28	-	-	-	28	28	10
-	-	-	31	-	212	-	243	243	11
-	-	-	9,926	-	-	-	18,716	18,716	12
-	-	-	-	-	-	3,525	-	3,525	13
-	-	-	35	-	-	-	45	45	14
-	-	-	63	-	-	-	63	63	15
-	-	-	121	-	-	-	126	126	16
-	-	-	58	-	-	-	207	207	17
-	68	-	275	-	1,184	-	1,483	1,483	18
-	200	-	15	-	-	-	215	215	19
-	-	-	91	-	-	-	91	91	20
-	-	-	182	-	146	-	328	328	21
-	-	987	3,255	-	-	987	3,255	4,242	22
-	-	-	10,549	-	82	-	10,643	10,643	23
-	1,799	-	299	-	6,247	-	8,451	8,451	24
-	12	-	30	-	158	-	200	200	25
-	-	-	8	-	-	-	8	8	26
-	-	-	-	-	193	-	193	193	27
-	-	-	14	-	-	-	14	14	28
-	82	4,378	8,874	-	2,639	4,378	11,631	16,009	29
-	-	-	-	-	-	-	36,738	36,738	30
-	2,690	-	-	-	-	-	20,543	20,543	31
-	-	-	-	-	-	-	60,744	60,744	32
-	-	-	6	-	-	-	11,627	11,627	33
-	-	37	883	-	-	339	2,606	2,945	34
-	5,773	15	6,327	-	961	15	14,470	14,485	35
-	84	-	2	-	1,101	-	1,187	1,187	36
-	4	-	6	-	-	-	16	16	37
-	16	-	127	-	-	-	164	164	38
-	-	-	22	-	-	-	22	22	39
-	15	-	1,459	-	41	-	1,549	1,549	40
-	214	-	1,540	-	2,512	88	4,488	4,576	41
-	-	-	-	-	-	-	12	12	42
-	-	-	24	-	-	-	24	24	43
-	-	-	8,685	-	-	-	8,685	8,685	44
-	-	-	380	-	45	-	448	448	45
-	-	-	-	-	185	-	185	185	46
-	-	-	27	-	147	-	174	174	47
-	-	-	90	-	-	-	197	197	48
-	-	317	7,634	-	213	349	8,630	8,979	49
-	9	221	29,352	-	220	470	30,788	31,258	50
-	-	-	-	-	30	-	30	30	51
-	1,160	60	3,070	-	36	1,814	41,644	43,458	52
-	-	-	141	-	-	-	141	141	53
-	12,137	6,080	100,062	-	20,934	12,106	312,242	324,348	54
-	-	-	-	-	-	-	-	-	55
-	-	-	473	-	82	-	640	640	56
-	-	-	204	-	-	-	204	204	57
-	-	55	677	-	-	55	694	749	58
-	17	-	-	-	-	-	17	17	59
-	-	-	939	-	16	-	955	955	60
-	74,075	-	24	-	17,277	-	91,499	91,499	61
-	302	-	118	-	291	-	816	816	62
-	-	-	16	-	-	-	16	16	63
-	-	-	97	-	-	-	124	124	64
-	-	-	-	-	-	147,342	91,733	239,075	65
-	-	-	-	-	-	-	28	28	66
68,275	1,825	-	-	6,067	365	-	2,360	2,360	67
-	-	-	-	-	21,230	74,342	39,742	114,084	68
-	-	-	-	-	-	13,300	15,464,072	15,477,372	69
-	-	-	2,128	-	-	66,493	68,091	134,584	70
-	-	-	-	2,535	-	-	2,535	2,535	71
1,682	43,542	-	171	-	-	9,278	45,322	54,600	72
21,293	-	-	23	3,929	-	-	23	26,839	73
-	-	-	-	-	-	-	457	457	74
-	-	-	108	-	15	-	318	318	75
-	-	-	19	-	-	-	2,260	2,260	76
-	-	-	-	-	-	11,574	-	11,574	77
-	-	-	95	-	-	-	52,661	52,661	78
-	-	-	368	-	-	-	135	135	79
-	805	-	2	-	788	-	2,034	2,034	80
-	-	-	-	-	-	-	2	2	81
-	-	-	-	-	-	-	28,139	28,139	82
-	-	-	-	-	-	-	1,372,173	1,372,173	83
-	-	-	-	-	-	-	12	12	84
-	-	-	-	-	-	8,839	-	8,839	85
-	959	-	2,126	-	-	-	3,085	3,085	86
-	-	-	7,495	-	7,840	-	15,335	15,335	87
-	-	-	64,381	-	-	2,530	143,167	145,697	88
-	45	-	3,501	-	303	-	3,997	3,997	89

TABLE 45A. 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.
90	COTTON, TEXTILE WASTE	-	-	-	-	-	185
91	WASTE AND SCRAP NES	-	-	-	-	-	-
92	TOTAL	256,738	17,078,181	2,530	61,968	-	37,405
93	FABRICATED MATERIALS, INEDIBLE	-	-	-	-	-	-
94	LEATHER	-	-	-	-	48	-
95	RUBBER FAB. MATERIALS	-	-	-	-	114	254
96	LUMBER AND TIMBER	-	-	-	-	-	-
97	SAWMILL PROD. NES	-	-	-	-	-	-
98	VENEER AND PLYWOOD	-	-	-	-	39	2
99	WOOD FABRICATED MTL.	-	-	-	-	33	6
100	PULP	-	2,752	-	-	-	-
101	NEWSPRINT PAPER	-	342,888	-	-	-	-
102	PAPER NES	-	8,908	-	-	-	340
103	PAPERBOARD	-	-	-	-	-	-
104	BLDG. PAPER AND BOARD	-	-	-	-	-	9
105	WET MACHINE BOARD	-	-	-	-	-	47
106	CORDAGE, TWINE, ROPE	-	-	940	3,351	-	559
107	JUTE WOVEN FABRICS	-	-	-	-	-	21
108	TEXTILE FAB. MTL. NES	-	-	-	-	11	65
109	ANIMAL OILS, EXC. MARINE	-	-	-	-	-	-
110	FISH, MARINE ANIMAL OIL	-	2,475	-	-	-	26
111	VEG. OILS, FATS, NES	-	-	-	-	-	21
112	OILS, FATS, WAXES, NES	-	-	-	-	-	91
113	SULPHURIC ACID	-	7,115	-	-	-	-
114	METALLIC SALTS	-	-	-	-	24	2,140
115	INORGANIC CHEMICALS	-	-	-	-	69	538
116	ORGANIC CHEMICALS NES	-	1,428	-	3,582	67	4,649
117	FERTILIZERS	-	-	-	-	-	-
118	FERT. & FERT. MAT. NES	-	20,942	-	-	-	-
119	AGRICULTURAL CHEMICALS	-	6,119	-	-	-	13
120	SYNTHETIC RUBBER	-	-	-	-	-	7
121	PLASTIC MATERIALS	-	-	-	-	-	79
122	DYESTUFF, PIGMENT, PAINTS	-	-	-	-	-	368
123	CHEM. SPECIALTIES NES	-	-	-	-	-	199
124	GASOLINE	217,435	-	-	2,215	-	-
125	FUEL OIL	675,094	3,995	20,607	76,030	-	-
126	LUBRICATING OIL, GREASE	125,265	-	-	5,904	-	-
127	COKE	-	36,575	-	-	-	-
128	COAL TAR, PITCH	2,395	3,933	-	37,938	-	-
129	PETROL, COAL PROD. NES	36,605	-	-	4,872	-	-
130	FERRO-ALLOYS	-	-	-	-	-	82
131	PIG IRON	-	174,591	-	-	-	-
132	PRIMARY IRON, STEEL NES	-	-	-	-	1,334	20,897
133	CASTINGS, FORGINGS	-	-	-	-	-	3,373
134	BAR AND RODS, STEEL	-	-	-	-	626	72,195
135	PLATE & SHEET STEEL	-	57,117	-	-	143	469,603
136	STRUCTURAL SHAPES	-	-	-	-	681	67,070
137	RAILS AND TRACK MTL.	-	-	-	-	-	12
138	PIPE, TUBE, IRON & STEEL	-	-	-	-	242	5,417
139	WIRE	-	-	-	-	84	7,024
140	ALUMINUM	-	1,414	-	-	-	7,345
141	COPPER AND ALLOYS	-	-	-	-	-	347
142	LEAD AND ALLOYS	-	-	-	-	-	89
143	NICKEL AND ALLOYS	-	-	-	-	-	-
144	ZINC AND ALLOYS	-	-	-	-	-	273
145	NON-FERROUS METAL NES	-	-	-	-	-	231
146	METAL FAB. BASIC PROD.	-	-	-	-	578	6,249
147	BUILDING BRICK, CLAY	-	-	-	-	-	-
148	BRICKS, TILES, NES	-	-	-	-	630	651
149	GLASS BASIC PRODUCTS	-	-	-	-	85	11,763
150	ASBESTOS BASIC PROD.	-	-	-	-	-	177
151	CEMENT	41,749	-	-	-	-	-
152	CEMENT BASIC PROD.	-	-	-	-	-	37
153	NON-MET. MIN. BASIC PROD. ..	-	-	-	-	20	851
154	MISC. FABRICATED PROD.	-	-	-	-	90	788
155	TOTAL	1,098,543	670,202	21,547	133,892	4,918	683,976
156	END PRODUCTS, INEDIBLE.	-	-	-	-	-	-
157	TRACTORS	-	-	-	-	725	13,718
158	MACHINERY NES	-	284	-	3	1,043	18,181
159	RAILWAY ROLLING STOCKS	-	-	-	-	-	20
160	PASS. AUTOS & CHASSIS	-	1	-	-	-	952
161	BUSES AND CHASSIS	-	-	-	-	-	18
162	TRUCKS AND CHASSIS	-	-	-	-	-	108
163	MILITARY MOTOR VEH. & TRA. .	-	-	-	-	-	-
164	MOTOR VEHICLE ENGINES	-	-	-	-	118	2,217
165	ROAD MOTOR VEH. NES	-	-	-	-	-	14
166	SHIPS, AIRCRAFT, MIS. VEH. .	-	-	-	-	7	1,714
167	RUBBER TIRES & TUBES	-	-	-	-	13	359
168	EQUIPMENT	-	-	-	-	32	1,166
169	TOTAL	-	285	-	3	1,938	38,467
170	MISCELLANEOUS FREIGHT N.E.S.	-	-	-	-	-	-
171	PERSONAL, HOUSEHOLD. GOODS ...	-	1	-	-	219	2,223
172	FIREARMS, AMMUNITION	-	-	-	-	-	-
173	CONTAINERS, CLOSURES	-	-	-	-	-	234
174	MISC. END PRODUCTS	231	4,139	-	-	357	9,277
175	TOTAL	231	4,140	-	-	576	12,133

TABLE 45A. CARGO TONNAGE UPBOUND THROUGH THE WELLAND 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.		
-	421	-	59	-	455	-	1,120	1,120	90
-	5	-	44	-	-	-	49	49	91
91,250	121,996	55	83,068	12,531	48,662	363,104	17,431,280	17,794,384	92
-	-	-	-	-	-	-	-	-	93
-	-	-	35	-	61	48	96	144	94
-	-	-	52	-	117	114	423	537	95
-	132	-	133	-	588	-	810	810	96
-	-	-	17	-	-	-	17	17	97
-	2,922	-	8,238	-	24,264	39	35,426	35,465	98
-	35	-	74	-	132	33	307	340	99
-	-	-	49,736	-	-	-	52,488	52,488	100
-	-	-	-	-	-	-	342,888	342,888	101
-	-	-	2,500	-	23	-	11,771	11,771	102
-	50	-	11	-	4,268	-	4,329	4,329	103
-	1,866	-	3,366	-	451	-	5,692	5,692	104
-	-	-	6	-	71	-	124	124	105
337	8,334	276	21,141	-	4,620	1,553	38,005	39,558	106
-	3,573	-	-	-	-	-	3,594	3,594	107
-	72	9	307	-	175	21	619	640	108
-	-	-	5	-	-	-	5	5	109
-	-	-	4,559	-	4	-	7,064	7,064	110
-	-	-	7,285	-	4,699	-	12,005	12,005	111
-	932	-	380	-	3,488	-	4,891	4,891	112
-	-	-	-	-	-	-	7,115	7,115	113
-	101	-	3,626	-	311	24	6,178	6,202	114
-	-	-	5,758	-	903	69	7,199	7,268	115
-	5	56	11,155	-	3,399	123	24,208	24,331	116
-	-	-	11	-	-	-	11	11	117
-	-	-	154	-	44	-	21,140	21,140	118
-	-	-	449	-	-	-	6,581	6,581	119
-	-	-	148	-	698	-	853	853	120
-	172	-	1,051	-	690	-	1,942	1,942	121
-	58	-	744	-	598	-	1,768	1,768	122
-	-	40	2,516	-	892	-	3,607	3,647	123
-	-	-	-	-	-	40	217,435	217,690	124
-	-	-	-	27,224	-	-	727,925	802,025	125
-	-	-	41	-	-	-	125,265	6,013	126
-	-	-	-	-	-	-	36,525	36,525	127
-	-	827	397	-	70	2,395	41,871	44,266	128
-	38	-	66,625	-	3,488	37,432	5,339	42,771	129
-	-	7,854	67,216	-	-	-	70,233	70,233	130
-	-	-	316	-	681	-	241,807	249,661	131
-	71	-	1,014	-	17,510	1,334	21,894	23,228	132
-	444	594	192,225	-	202,043	1,220	466,897	668,117	134
-	1,387	2,782	1,994,623	-	1,167,985	2,925	3,690,715	3,693,640	135
-	209	9,353	588,103	-	102,066	10,034	757,448	767,482	136
-	-	-	2,328	-	72	-	2,412	2,412	137
-	119	882	13,327	-	26,194	1,124	45,057	46,181	138
-	117	860	39,778	-	56,907	944	103,826	104,770	139
-	32	-	14,366	-	1,424	-	24,581	24,581	140
-	-	395	1,977	-	280	395	2,604	2,999	141
-	-	-	1,575	-	2,009	-	3,673	3,673	142
-	-	4,067	67	-	32	4,067	99	4,166	143
-	-	-	44	-	34,481	-	34,798	34,798	144
-	1,522	112	1,102	-	2,974	112	5,829	5,941	145
-	389	198	28,838	-	47,675	776	83,151	83,927	146
-	-	-	29	-	-	-	29	29	147
-	-	52	11,966	-	1,086	682	13,703	14,185	148
-	-	1,942	41,933	-	4,892	2,027	58,588	60,615	149
-	-	-	352	-	-	-	529	529	150
-	-	724	-	-	-	42,473	-	42,473	151
-	-	-	-	-	-	-	37	37	152
-	-	21	5,719	-	11,824	41	18,394	18,435	153
-	188	-	824	-	3,056	90	4,856	4,946	154
338	22,725	31,044	3,198,242	27,224	1,737,235	1,183,614	6,446,272	7,629,886	155
-	-	-	-	-	-	-	-	-	156
-	15	1,677	19,002	-	159	2,397	32,894	35,291	157
-	186	5,128	30,675	-	5,629	6,171	54,958	61,129	158
-	-	-	-	-	877	-	897	897	159
-	-	-	63,613	-	9	-	64,575	64,575	160
-	-	-	1	-	-	-	19	19	161
-	-	-	913	-	2	-	1,023	1,023	162
-	-	-	-	-	9	-	9	9	163
-	17	37	6,986	-	1,724	155	10,944	11,099	164
-	-	-	63	-	22	-	99	99	165
-	12	13	3,059	-	144	20	4,929	4,949	166
-	-	9	5,220	-	152	22	5,731	5,753	167
9	187	7	2,781	-	1,045	48	5,179	5,227	168
-	-	-	-	-	-	-	-	-	169
-	417	6,866	132,313	-	9,772	8,813	181,257	190,070	169
-	-	-	-	-	-	-	-	-	170
-	504	61	5,336	-	5,619	280	13,682	13,962	171
-	-	-	162	-	-	-	162	162	172
-	48	28	620	-	-	28	902	930	173
-	669	59	14,579	-	6,257	647	35,321	35,968	174
-	-	-	-	-	-	-	-	-	175
-	1,221	148	20,697	-	11,876	955	50,067	51,022	175

TABLE 45A. 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.
176	DOMESTIC PACKAGE FREIGHT	-	-	-	-	-	-
177	DOMESTIC PACKAGE FRT.	234,450	-	-	-	-	-
178	TOTAL	234,450	-	-	-	-	-
179	GRAND TOTALS	1,593,487	17,761,598	24,077	322,817	9,933	815,346

TABLE 45B. CARGO TONNAGE DOWNBOUND 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	
1	FOOD, FEED, BEVERAGES, TOBACCO	-	-	-	-	-	-	-
2	MEAT, FRESH OR FROZEN	-	-	40	-	-	-	40
3	MEAT, CURED	-	-	-	-	-	-	-
4	MEAT AND MEAT PREP. NES	-	-	-	-	-	-	-
5	FISH, SALTED OR CURED	-	-	-	-	-	-	-
6	BUTTER	-	-	-	-	-	-	-
7	CHEESE	-	-	-	-	-	-	-
8	MILK POWDER	-	-	-	-	-	-	-
9	DAIRY PROD. EGGS, HONEY	-	-	-	-	-	-	-
10	BARLEY	512,289	-	25,153	-	-	14	537,456
11	CORN	52,699	-	-	8	-	-	52,707
12	OATS	247,228	-	1,142	649	6,420	3,442	258,881
13	RYE	20,667	-	9,458	-	29,873	-	59,998
14	WHEAT	4,854,011	-	167,070	-	89,756	18,426	5,129,263
15	CEREAL, UNMILLED, NES	-	-	-	-	-	-	-
16	CORN MEAL AND FLOUR	-	-	-	-	-	-	-
17	CORN STARCH	-	-	-	-	-	-	-
18	MALT AND MALT FLOUR	74,788	-	2,408	1,941	-	4,759	83,896
19	WHEAT FLOUR	-	-	-	20,866	-	5,233	26,100
20	CEREALS, MILLED, NES	-	-	-	-	-	-	-
21	MACARONI, CEREAL PROD.	-	-	-	-	-	-	-
22	FROZEN FRUITS, BERRIES	-	-	-	-	-	-	-
23	FRUIT JUICES, CONC.	-	-	-	-	-	-	-
24	FRUITS, PRESERVED	-	-	-	-	-	-	-
25	FRUITS, PREPARATIONS	-	-	21	-	-	-	21
26	NUTS, EXC. OIL NUTS NES	-	-	-	-	-	-	-
27	VEGETABLES, FRESH	-	-	-	-	-	-	-
28	VEGETABLES, FROZEN	-	-	427	-	-	-	427
29	VEGETABLES, DRIED	3,022	-	1,497	-	2,247	-	6,766
30	VEGETABLE PREP. NES	-	-	6,864	-	-	-	6,864
31	SUGAR NES	-	-	-	-	-	-	-
32	MOLASSES, CRUDE	-	-	-	-	-	-	-
33	MOLASSES, REFINED	-	-	-	-	-	-	-
34	SYRUP	-	-	-	-	-	-	-
35	SUGAR PREPARATIONS	-	-	-	-	-	-	-
36	COCOA AND CHOCOLATE	-	-	-	-	-	-	-
37	SPICES	-	-	-	-	-	-	-
38	SHORTENING	-	-	-	-	-	-	-
39	LARD	-	-	-	-	-	-	-
40	SAUSAGE CASINGS	-	-	-	-	-	-	-
41	MISC. FOOD PREP. NES	-	-	1,287	-	36	-	1,323
42	HULLS, SCREENINGS, CHAFF	3,216	-	74,658	-	-	-	77,874
43	BRAN, SHORTS, MIDDINGS	1,198	-	-	-	-	-	1,198
44	GROUND CEREALS NES	695	-	7,596	-	-	300	8,591
45	SOYABEAN OIL MEAL, CAKE	-	-	-	-	-	-	-
46	OIL SEED MEAL, CAKE, NES	-	-	-	-	-	-	-
47	BREWERS GRAINS	1,034	-	-	56	-	366	1,456
48	FEEDS OF VEG. ORIGIN	-	-	226	-	-	-	226
49	FEEDS OF ANIMAL ORIGIN	-	-	-	-	-	-	-
50	CONC. COMPLETE FEEDS	-	-	-	-	-	-	-
51	NON-ALCOHOLIC BEVERAGE	-	-	-	-	-	-	-
52	ALE, BEER, STOUT, PORTER	-	-	-	-	-	-	-
53	WINES	-	-	-	-	-	-	-
54	DIST. ALCOHOLIC BEV.	-	-	123	-	-	-	123
55	TOBACCO NES	-	-	12,320	-	-	-	12,320
56	TOTAL	5,770,847	-	310,290	23,520	128,332	32,540	6,265,529
57	CRUDE MATERIALS, INEDIBLE	-	-	-	-	-	-	-
58	RAW HIDES AND SKINS	-	-	-	-	-	-	-
59	CRUDE ANIMAL PROD. NES	-	-	-	-	-	-	-
60	SEEDS FOR SOWING NES	-	-	7	-	-	-	7
61	FLAXSEED	66,877	-	19,883	-	67,300	-	154,060
62	MUSTARD SEED	-	-	-	-	18,555	-	18,555
63	RAPESEED	14,262	-	-	-	2,259	-	16,521
64	SOYA BEANS	53,247	-	8,984	-	530	-	62,761
65	OIL SEEDS, NUTS NES	-	-	2	-	-	-	2
66	RUBBER ALLIED GUMS NAT.	-	-	-	-	-	-	-
67	CRUDE VEG. PROD. NES	-	-	-	-	-	-	-
68	LOGS	-	-	-	-	6	-	6
69	CRUDE WOOD MIL. NES	-	-	-	-	-	-	-
70	WOOL AND ANIMAL HAIR	-	-	-	-	-	-	-

TABLE 45A. CARGO TONNAGE UPBOUND THROUGH THE WELLDAN 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.		
-	-	-	-	-	-	-	-	-	176
-	-	-	27	-	-	234,450	27	234,477	177
-	-	-	77	-	-	234,450	77	234,477	178
91,597	158,496	44,193	3,534,409	39,755	1,828,479	1,803,042	24,421,145	26,274,187	179

TABLE 45B. CARGO TONNAGE DOWNBOUND THROUGH THE WELLDAN 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			
-	-	-	-	-	-	-	-	1
-	-	10,633	65	77,408	550	38,656	38,696	2
-	-	-	460	15	201	676	676	3
-	-	10	70	32	124	236	236	4
-	-	-	126	-	41	167	167	5
-	-	-	78	1,514	2,733	4,325	4,325	6
-	-	-	2	1,177	771	1,950	1,950	7
-	-	-	17,171	3,856	69,268	90,295	90,295	8
-	-	241	235	798	7,876	9,150	9,150	9
14,814	25,992	-	14,734	39,785	28,426	123,756	661,212	10
1,493,139	-	863,392	14,313	941,378	33,379	3,345,601	3,398,308	11
-	-	-	-	45,574	-	45,574	304,455	12
8,551	-	-	-	34,284	2,526	45,361	105,359	13
386,678	5,040	16,537	13,323	460,641	197,836	1,680,055	6,809,318	14
-	-	-	-	752	22	774	774	15
-	-	-	88,267	752	63,968	152,987	152,987	16
-	-	3,434	143	21	16	3,614	3,614	17
-	-	37	228	11	12,267	12,543	96,439	18
-	-	-	2,729	6,804	87,259	96,792	122,891	19
-	-	219	34,674	543	14,987	50,423	50,423	20
-	-	185	567	3,313	-	4,065	4,065	21
-	-	30	-	-	-	30	30	22
-	-	-	-	13	-	13	13	23
-	-	-	-	7	-	7	7	24
-	-	147	-	76	-	223	244	25
-	-	44	-	-	-	44	44	26
-	-	-	-	20	-	20	20	27
-	-	-	-	-	-	-	427	28
17,386	-	45,409	1,092	15,226	5,379	79,492	86,258	29
-	-	215	-	1,540	407	2,162	9,026	30
-	-	4,336	-	2,689	1,122	8,147	8,147	31
-	2,433	-	-	2,750	-	5,183	5,183	32
-	11,561	-	-	-	-	11,561	11,561	33
-	4,757	-	-	-	-	4,757	4,757	34
-	-	9	-	46	57	112	112	35
-	-	-	-	47	-	47	47	36
-	-	10	-	39	-	49	49	37
-	-	-	-	76	-	76	76	38
-	-	48,425	-	7,175	-	55,600	55,600	39
-	-	379	35	1,153	3	1,570	1,570	40
25	-	385	117	739	164	1,430	2,753	41
-	-	-	-	527	-	527	78,401	42
-	-	-	-	-	-	-	1,198	43
-	-	1,420	-	9,158	22	10,600	19,191	44
-	-	20	-	106,131	624	106,775	106,775	45
-	-	-	-	67,590	-	67,590	67,590	46
-	-	-	-	7,508	30	2,538	3,994	47
-	-	103	-	414,623	4,314	419,040	419,266	48
-	-	-	-	19	558	577	577	49
-	-	931	-	3,595	435	4,961	4,961	50
-	-	-	-	16	-	16	16	51
-	-	-	-	44	-	44	44	52
-	-	-	-	17	36	53	53	53
-	-	52	1	609	-	662	785	54
-	-	-	-	34	-	34	12,354	55
2,515,598	49,783	996,603	188,430	2,205,125	535,401	6,490,940	12,756,469	56
-	-	-	-	-	-	-	-	57
-	-	3,128	375	56,495	5,129	65,127	65,127	58
-	-	71	-	299	34	404	404	59
-	-	199	-	1,714	340	2,253	2,260	60
33,153	-	-	-	212,242	-	245,395	399,455	61
-	-	-	-	17	-	17	18,572	62
-	-	-	-	-	-	-	16,521	63
853,875	-	4,352	-	415,116	358,875	1,632,218	1,694,979	64
-	-	-	-	1,682	-	1,682	1,684	65
-	-	28	-	34	-	62	62	66
-	-	-	-	153	-	153	153	67
-	-	30	-	25,595	110	25,735	25,741	68
-	-	20	-	-	-	20	20	69
-	-	-	-	177	-	177	127	70

TABLE 45B. CARGO TONNAGE DOWNBOUND THROUGH THE WELLAND CANAL BY COMMODITY, ORIGIN AND DESTINATION.

NO.	COMMODITY	CANADA TO					OTHER COUNTRIES	TOTAL
		CANADA	U.S.A.	UNITED KINGDOM	OTHER BRITISH COMMONWEALTH	OTHER EUROPE		
71	TEXTILE FIBRES NES	-	-	-	-	-	-	
72	ALUMINA, KAUXITE ORES	-	-	-	-	-	-	
73	COPPER ORE AND CONC.	-	-	-	-	910	910	
74	IRON ORE AND CONC.	503,468	-	-	-	-	503,468	
75	MANGANESE ORE	-	-	-	-	-	-	
76	NICKEL-COPPER ORE	-	-	-	-	-	-	
77	ORES AND CONC. NES	-	-	-	-	1,561	1,561	
78	IRON AND STEEL SCRAP	-	-	-	-	-	-	
79	NON-FERROUS MET. SCRAP	-	-	-	-	-	-	
80	SLAG, DROSS, BY-PRODUCTS	-	-	-	-	-	-	
81	COAL BITUMINOUS	-	-	-	-	-	-	
82	COAL NES	315	-	-	-	-	315	
83	NATURAL GAS	-	-	-	-	-	-	
84	BENTONITE	-	-	-	-	-	-	
85	CHINA CLAY	-	-	-	-	-	-	
86	DOLOMITE	15,442	-	-	-	-	15,442	
87	CLAY MATERIALS NES	-	-	-	-	-	-	
88	SAND AND GRAVEL	5,512	-	-	-	-	5,512	
89	CRUSHED STONE	-	-	-	-	-	-	
90	FLUORSPAR	-	-	-	-	-	-	
91	GYPSUM	-	-	-	-	-	-	
92	SALT	835,206	-	-	-	-	835,206	
93	CRUDE NON-MET. MIN. NES	-	-	-	-	-	-	
94	COTTON, TEXTILE WASTE	-	-	-	-	-	-	
95	WASTE AND SCRAP NES	-	-	-	-	-	-	
96	TOTAL	1,494,329	-	28,876	-	88,650	2,471	1,614,326
97	FABRICATED MATERIALS, INEDIBLE	-	-	-	-	-	-	
98	LEATHER	-	-	-	-	-	-	
99	RUBBER FAB. MATERIALS	-	-	-	-	-	-	
100	LUMBER AND TIMBER	-	-	34	-	318	-	352
101	FLOORING	-	-	-	-	-	-	-
102	SHINGLES AND SHAKES	-	-	-	-	-	-	-
103	SAWMILL PROD. NES	-	-	-	-	-	-	-
104	VENEER AND PLYWOOD	-	-	-	-	-	-	-
105	COOPERAGE STOCK ETC.	-	-	-	-	-	-	-
106	WOOD FABRICATED MTL.	-	-	-	-	-	-	-
107	PULP	-	-	-	-	610	-	610
108	NEWSPRINT PAPER	-	7,223	-	4,019	-	581	11,823
109	PAPER NES	-	-	-	838	-	-	838
110	PAPERBOARD	-	-	-	-	-	-	-
111	BLOG. PAPER AND BOARD	-	-	-	-	-	-	-
112	WET MACHINE BOARD	-	-	-	-	-	-	-
113	CORDAGE, TWINE, ROPE	-	-	-	-	-	-	-
114	TEXTILE FAB. MTL. NES	-	-	-	-	-	-	-
115	ANIMAL OILS, EXC. MARINE	-	-	-	-	-	-	-
116	FISH, MARINE ANIMAL OIL	-	-	-	-	-	-	-
117	SOYABEAN OIL	-	-	-	-	-	-	-
118	VEG. OILS, FATS, NES	-	-	-	-	-	-	-
119	OILS, FATS, WAXES, NES	-	-	-	-	-	-	-
120	METALLIC SALTS	50,679	-	50	-	671	-	51,400
121	INORGANIC CHEMICALS	18,340	2,917	-	-	-	6,797	28,054
122	GLYCOL	13,824	-	1,221	-	-	-	15,045
123	ORGANIC CHEMICALS NES	2,737	-	41,776	1,115	6,273	604	52,505
124	FERTILIZERS	-	29,814	-	-	-	-	29,814
125	FERT. & FERT. MAT. NES	-	-	-	5,604	-	-	5,604
126	AGRICULTURAL CHEMICALS	-	-	-	-	-	-	-
127	SYNTHETIC RUBBER	-	-	21,651	1,291	20,907	1,945	45,794
128	PLASTIC MATERIALS	-	-	2,074	2,518	2,707	364	7,663
129	DYESTUFF, PIGMENT, PAINTS	-	-	10	-	-	-	10
130	CHEM. SPECIALTIES NES	-	-	276	-	10,789	-	11,065
131	GASOLINE	20,246	-	-	-	-	-	20,246
132	FUEL OIL	193,028	-	-	-	-	-	193,028
133	LUBRICATING OIL, GREASE	1,539	-	-	-	-	-	1,539
134	COKE	2,146	-	-	-	-	-	2,146
135	ASPHALTS, ROAD OILS	-	-	-	-	-	-	-
136	COAL TAR, PITCH	-	-	-	-	-	-	-
137	PETROL, COAL PROD. NES	29,422	-	-	-	-	-	29,422
138	FERRO-ALLOYS	-	-	-	-	-	-	-
139	PIG IRON	150	-	-	-	-	-	150
140	PRIMARY IRON, STEEL NES	-	-	-	-	-	-	-
141	CASTINGS, FORGINGS	26,046	-	-	-	-	-	26,046
142	BAR AND RODS, STEEL	-	-	-	-	-	-	-
143	PLATE & SHEET STEEL	80	-	-	-	-	429	509
144	STRUCTURAL SHAPES	371	-	-	-	-	-	371
145	RAILS AND TRACK MTL.	65	-	-	-	-	-	65
146	PIPE, TUBE, IRON & STEEL	-	-	-	-	-	-	-
147	WIRE	-	-	-	-	10	-	10
148	ALUMINUM	-	-	-	-	-	-	-
149	COPPER AND ALLOYS	-	-	-	-	-	-	-
150	NICKEL AND ALLOYS	-	-	-	-	-	-	-
151	NON-FERROUS METAL NES	316	-	-	-	-	-	316
152	METAL FAB. BASIC PROD.	-	-	-	18	-	-	18
153	BRICKS, TILES, NES	-	-	-	-	-	-	-
154	GLASS BASIC PRODUCTS	-	-	-	-	-	-	-
155	ASBESTOS BASIC PROD.	-	-	-	-	-	-	-
156	CEMENT	-	-	-	-	-	-	-
157	LIME	-	-	-	-	-	-	-
158	NON-MET. MIN. BASIC PROD.	2,028	-	-	-	-	-	2,028
159	MISC. FABRICATED PROD.	-	-	-	-	-	-	-
160	TOTAL	361,017	39,954	67,092	15,403	42,285	10,720	536,471

TABLE 458. 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				
-	-	84	-	914	62	1,060	1,060	71	
-	-	-	-	23	-	23	23	72	
2,370,503	-	-	-	292	-	292	1,202	73	
-	-	-	105	28	-	2,370,503	2,873,971	74	
-	-	-	-	104	-	133	133	75	
-	-	-	-	109	-	104	104	76	
-	-	-	-	129,356	293,346	109	1,670	77	
-	-	724	68	9,866	475	422,702	422,702	78	
-	-	500	-	633	-	11,133	11,133	79	
9,802,993	-	-	-	-	-	1,133	1,133	80	
-	-	-	-	-	-	9,802,993	9,802,993	81	
-	2,563	1,205	-	944	-	315	315	82	
133,679	-	12,525	-	40,792	167	4,702	4,702	83	
6,000	-	-	-	71	-	187,163	187,163	84	
17,005	-	508	-	1,883	56	6,000	6,000	85	
153,218	-	91	-	54	-	92	15,534	86	
15,970	-	-	-	5,975	-	19,452	19,452	87	
-	-	-	-	521	-	153,363	158,875	88	
179,071	46,200	-	-	301	-	15,970	15,970	89	
-	-	2,176	-	483	1	5,975	5,975	90	
-	-	872	169	6,020	243	521	225,572	1,060,778	92
-	-	677	145	3,048	168	2,660	2,660	93	
13,565,467	44,763	27,190	883	914,881	659,006	7,304	7,304	94	
-	-	-	-	-	-	4,038	4,038	95	
-	-	71	99	56	-	-	-	97	
-	-	-	-	15	-	226	226	98	
-	-	1,734	6	2,988	37	15	15	99	
-	-	59	-	185	-	4,765	5,117	100	
-	-	-	-	17	-	244	244	101	
-	-	-	-	28	-	17	17	102	
-	-	-	-	529	8	28	28	103	
-	-	60	-	68	5	537	537	104	
-	-	5	5	7	-	133	133	105	
-	-	-	-	222	-	17	17	106	
-	-	-	-	-	-	222	832	107	
-	-	285	1,854	502	130	-	11,823	108	
-	-	31	12	-	71	2,771	3,609	109	
-	-	28	64	484	44	114	114	110	
-	-	26	-	134	20	620	620	111	
-	-	-	-	100	-	180	180	112	
-	-	-	-	26	-	100	100	113	
-	-	5,735	10,085	96,873	25,602	106	106	114	
-	-	-	-	1,059	-	138,295	138,295	115	
3,125	-	-	-	-	-	1,059	1,059	116	
-	-	5,265	-	16,296	1,553	3,125	3,125	117	
-	-	1,129	-	1,070	-	23,114	23,114	118	
5,158	5,985	217	134	3,664	455	474	2,673	119	
-	76,694	189	7	1,028	314	15,613	67,013	120	
-	-	-	-	12	16	78,232	106,286	121	
-	2,003	2,046	3,595	17,103	5,582	28	15,073	122	
-	-	-	-	-	-	82,834	82,834	123	
-	-	42	-	2,815	146	-	29,814	124	
-	-	265	502	733	538	3,003	8,607	125	
-	-	142	1,292	955	423	2,038	2,038	126	
-	-	1,789	6,072	11,237	3,348	2,852	48,646	127	
-	-	20	3	881	97	22,446	30,109	128	
-	-	4,735	919	5,981	981	1,001	1,011	129	
-	29,481	-	-	-	623	12,616	23,681	130	
166,262	134,873	-	70	6	-	30,104	50,350	131	
-	-	3,039	51	4,635	325	301,211	494,239	132	
290,126	-	-	-	-	-	8,050	9,589	133	
2,722	7,940	1,609	-	1,039	-	290,126	292,272	134	
24,951	45,724	-	-	883	-	13,310	13,310	135	
15,949	127,672	272	28	4,131	-	71,558	71,558	136	
605	-	184	-	-	-	143,052	172,474	137	
-	-	8	-	-	-	789	789	138	
-	-	-	-	18,755	-	8	158	139	
-	-	22	33	243	8	18,755	18,755	140	
-	-	41	-	1,169	431	306	26,352	141	
-	-	2,780	1,179	46,938	1,435	1,641	1,641	142	
-	-	53	85	682	129	52,332	52,841	143	
-	-	-	-	-	-	949	1,320	144	
-	-	52	186	13	677	928	928	146	
-	-	18	-	258	13	289	299	147	
-	-	126	-	152	-	278	278	148	
-	-	418	-	3,193	128	3,739	3,739	149	
-	-	6	114	252	23	395	395	150	
-	-	72	-	294	-	366	682	151	
5,526	-	416	136	1,056	669	2,277	2,295	152	
-	-	113	1,571	276	200	7,686	7,686	153	
-	-	117	-	40	-	157	157	154	
-	75,800	-	-	-	16	16	16	155	
-	-	-	-	21	-	75,800	75,800	156	
-	-	2,370	231	1,486	145	21	21	157	
-	-	213	-	308	34	4,222	6,250	158	
516,324	501,172	35,842	28,413	250,898	44,690	555	555	159	
-	-	-	-	-	-	1,375,439	1,911,910	160	

TABLE 45B. CARGO TONNAGE DOWNBOUND 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
161	END PRODUCTS, INEDIBLE.	-	-	-	-	-	-
162	TRACTORS	-	-	-	-	-	-
163	MACHINERY NES	3,425	-	39	-	22	3,486
164	RAILWAY ROLLING STOCKS	-	-	-	-	-	-
165	PASS. AUTOS & CHASSIS	6	-	-	-	-	6
166	BUSES AND CHASSIS	-	-	-	-	-	-
167	TRUCKS AND CHASSIS	-	-	-	-	-	-
168	MILITARY MOTOR VEH. & TRA.	-	-	-	-	-	-
169	MOTOR VEHICLE ENGINES	-	-	176	-	-	176
170	ROAD MOTOR VEH. NES	-	-	-	-	-	-
171	SHIPS, AIRCRAFT, MIS. VEH.	-	-	5	-	-	5
172	RUBBER TIRES & TUBES	-	-	-	-	-	-
173	EQUIPMENT	-	-	-	-	-	-
174	TOTAL	3,431	-	220	-	22	3,673
175	MISCELLANEOUS FREIGHT N.E.S.	-	-	-	-	-	-
176	PERSONAL, HSEHOLD. GOODS ...	-	-	-	13	1	14
177	FIREARMS, AMMUNITION	-	-	-	-	-	-
178	CONTAINERS, CLOSURES	-	-	432	-	4	436
179	MISC. END PRODUCTS	-	-	11	-	8	20
180	TOTAL	-	-	443	13	13	470
181	DOMESTIC PACKAGE FREIGHT	-	-	-	-	-	-
182	DOMESTIC PACKAGE FRT.	192,282	-	-	-	-	192,282
183	TOTAL	192,282	-	-	-	-	192,282
184	GRAND TOTALS	7,821,906	39,954	406,921	38,936	259,302	8,612,751

TABLE 45B. 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			
-	-	-	-	-	-	-	-	161
-	-	4,561	2,163	6,779	3,957	16,960	16,960	162
-	-	9,304	6,859	30,262	15,525	61,950	65,436	163
-	-	-	640	810	99	1,549	1,549	164
1	-	20	17,538	10,994	4,470	32,973	32,979	165
-	-	-	-	15	-	15	15	166
-	-	378	95	1,185	3,811	5,469	5,469	167
-	-	19	206	7,822	327	8,374	8,374	168
-	-	2,274	10,216	4,408	2,832	19,730	19,906	169
-	-	5	109	1,185	289	1,588	1,588	170
-	-	57	57	1,062	21	1,197	1,202	171
-	-	265	7	696	7	975	975	172
-	-	668	311	3,454	1,142	5,575	5,575	173
1	-	17,551	38,201	68,172	32,430	156,355	160,028	174
-	-	-	-	-	-	-	-	175
-	-	667	445	1,705	2,526	5,343	5,357	176
-	-	5	-	2,080	82	2,167	2,167	177
-	-	1,060	92	1,685	614	3,451	3,887	178
1	-	4,174	1,488	8,677	3,631	17,971	17,991	179
1	-	5,906	2,025	14,147	6,853	28,932	29,402	180
-	-	-	-	-	-	-	-	181
-	-	-	-	-	-	-	192,282	182
-	-	-	-	-	-	-	192,282	183
16,595,491	599,718	1,083,092	257,952	3,453,223	1,278,380	23,267,856	31,880,607	184

TABLE 46A. 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	SAND AND GRAVEL	200	-	-	-	-	-
3	LIMESTONE	-	-	9,354	-	-	-
4	SALT	15,700	-	-	-	-	-
5	TOTAL	15,900	-	9,354	-	-	-
6	FABRICATED MATERIALS, INEDIBLE	-	-	-	-	-	-
7	CORDAGE, TWINE, ROPE	-	-	941	-	-	-
8	GASOLINE	36,743	-	-	7,381	-	-
9	FUEL OIL	148,651	-	3,486	16,118	-	-
10	PLATE & SHEET STEEL	136	-	-	-	-	-
11	STRUCTURAL SHAPES	3,223	-	-	-	-	-
12	BRICKS, TILES, NES	-	-	3,272	-	-	-
13	TOTAL	188,753	-	7,719	23,499	-	-
14	END PRODUCTS, INEDIBLE.	-	-	-	-	-	-
15	RAILWAY ROLLING STOCKS	-	-	3,880	-	-	-
16	PASS. AUTOS & CHASSIS	-	-	273	-	-	-
17	TOTAL	-	-	4,153	-	-	-
18	DOMESTIC PACKAGE FREIGHT	-	-	-	-	-	-
19	DOMESTIC PACKAGE FRT.	240,064	-	99	-	-	-
20	TOTAL	240,064	-	99	-	-	-
21	GRAND TOTALS	444,717	-	21,325	23,499	-	-

TABLE 46B. CARGO TONNAGE DOWNBOUND THROUGH THE SAULT STE. MARIE CANAL BY COMMODITY, ORIGIN AND DESTINATION.

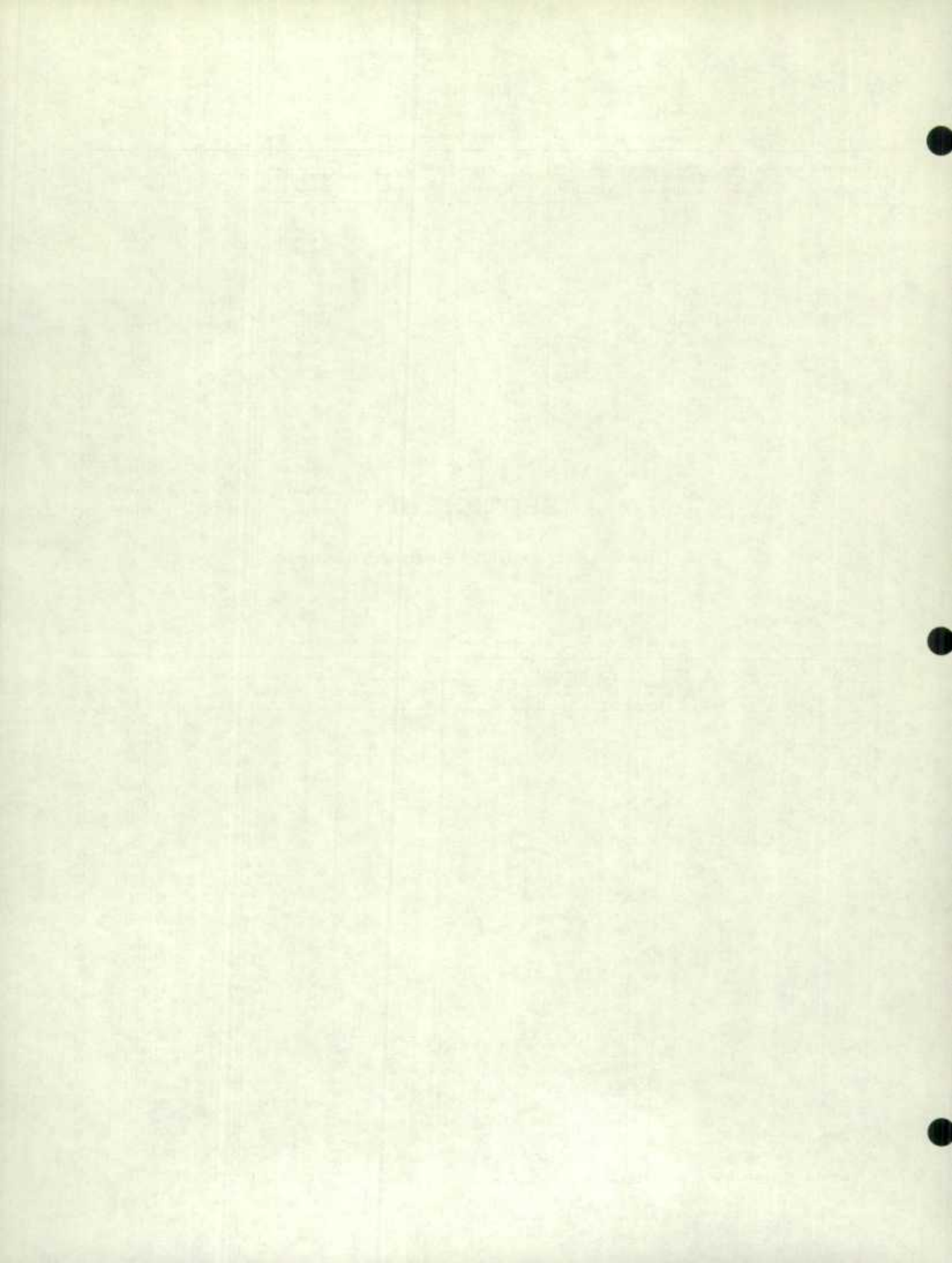
NO.	COMMODITY	CANADA TO						TOTAL
		CANADA	U.S.A.	UNITED KINGDOM	OTHER BRITISH COMMONWEALTH	OTHER EUROPE	OTHER COUNTRIES	
1	FOOD, FEED, BEVERAGES, TOBACCO	-	-	-	-	-	-	-
2	BARLEY	17,769	23,582	-	-	-	-	41,351
3	CORN	-	-	-	-	-	-	-
4	OATS	1,292	-	-	-	-	674	1,966
5	RYE	5,223	3,113	-	-	-	-	8,336
6	MALT AND MALT FLOUR	7,657	-	-	-	-	-	7,657
7	WHEAT FLOUR	-	-	-	-	-	-	-
8	CEREALS, MILLED, NES	-	-	-	-	-	-	-
9	VEGETABLES, DRIED	-	-	-	-	-	-	-
10	HULLS, SCREENINGS, CHAFF	4,642	-	-	-	-	-	4,642
11	TOTAL	36,583	26,695	-	-	-	674	63,952
12	CRUDE MATERIALS, INEDIBLE.	-	-	-	-	-	-	-
13	SEEDS FOR SOWING NES	-	-	-	-	-	-	-
14	LOGS	-	1,200	-	-	-	-	1,200
15	PULPWOOD	-	9,748	-	-	-	-	9,748
16	SAND AND GRAVEL	60,070	-	-	-	-	-	60,070
17	TOTAL	60,070	10,948	-	-	-	-	71,018
18	FABRICATED MATERIALS, INEDIBLE	-	-	-	-	-	-	-
19	PULP	-	118,216	-	-	-	-	118,216
20	NEWSPRINT PAPER	-	57,166	-	-	-	-	57,166
21	ORGANIC CHEMICALS NES	8,817	-	-	-	-	-	8,817
22	GASOLINE	-	-	-	-	-	-	-
23	FUEL OIL	3,354	-	-	-	-	-	3,354
24	PETROL, COAL PROD. NES	8,526	-	-	-	-	-	8,526
25	PIG IRON	-	4,794	-	-	-	-	4,794
26	PRIMARY IRON, STEEL NES	360	13,942	-	-	-	-	14,302
27	CASTINGS, FORGINGS	8,570	-	-	-	-	-	8,570
28	BAR AND RODS, STEEL	78	-	-	-	-	-	78
29	PLATE & SHEET STEEL	9,477	2,510	-	-	-	-	11,987
30	STRUCTURAL SHAPES	778	264	-	-	-	-	1,042
31	RAILS AND TRACK MIL.	-	65	-	-	-	-	65
32	METAL FAR. BASIC PROD.	5,001	-	-	-	-	-	5,001
33	TOTAL	44,961	196,957	-	-	-	-	241,918
34	DOMESTIC PACKAGE FREIGHT	-	-	-	-	-	-	-
35	DOMESTIC PACKAGE FRT.	80,861	36,184	-	-	-	-	117,045
36	TOTAL	80,861	36,184	-	-	-	-	117,045
37	GRAND TOTALS	222,475	270,784	-	-	-	674	493,833

TABLE 46A. 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.		
-	-	-	-	-	-	-	-	-	1
-	-	-	-	-	-	200	-	200	2
-	-	-	-	-	-	9,354	-	9,354	3
-	-	-	-	-	-	15,700	-	15,700	4
-	-	-	-	-	-	25,254	-	25,254	5
-	-	-	-	-	-	-	-	-	6
-	-	-	1,085	-	-	941	1,085	2,026	7
-	-	-	-	-	-	36,743	7,381	44,124	8
-	-	-	-	-	-	152,137	16,118	168,255	9
-	-	-	-	-	-	136	-	136	10
-	-	-	-	-	-	3,223	-	3,223	11
-	-	-	-	-	-	3,292	-	3,292	12
-	-	-	1,085	-	-	196,472	24,584	221,056	13
-	-	-	-	-	-	-	-	-	14
-	-	-	-	-	-	3,880	-	3,880	15
-	-	-	-	-	-	273	-	273	16
-	-	-	-	-	-	4,153	-	4,153	17
-	-	-	-	-	-	-	-	-	18
-	-	-	-	-	-	240,163	-	240,163	19
-	-	-	-	-	-	240,163	-	240,163	20
-	-	-	1,085	-	-	466,042	24,584	490,626	21

TABLE 46B. CARGO TONNAGE DOWNBOUND THROUGH THE SAULT STE. MARIE 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			
-	-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	41,351	2
2,994	-	-	-	-	-	2,994	2,994	3
-	-	-	-	-	-	-	1,966	4
-	-	-	-	-	-	-	8,336	5
-	-	-	-	-	-	-	7,657	6
-	-	-	-	-	765	765	765	7
-	-	-	-	-	2	2	2	8
-	-	-	-	-	133	133	133	9
-	-	-	-	-	-	-	4,642	10
2,994	-	-	-	-	900	3,894	67,846	11
-	-	-	-	-	-	-	-	12
-	-	652	-	-	-	652	652	13
-	-	-	-	-	-	-	1,200	14
-	-	-	-	-	-	-	9,748	15
-	-	-	-	-	-	-	60,070	16
-	-	652	-	-	-	652	71,670	17
-	-	-	-	-	-	-	-	18
-	-	-	-	-	-	-	118,216	19
-	-	-	-	-	-	-	57,166	20
-	-	-	-	-	-	-	8,817	21
-	28,940	-	-	-	-	28,940	28,940	22
-	11,296	-	-	-	-	11,296	14,650	23
-	-	-	-	-	-	-	8,526	24
-	-	-	-	-	-	-	4,794	25
-	-	-	-	-	-	-	14,302	26
-	-	-	-	-	-	-	8,570	27
-	-	-	-	-	-	-	78	28
-	-	-	-	-	-	-	11,987	29
-	-	-	-	-	-	-	1,042	30
-	-	-	-	-	-	-	65	31
-	-	-	-	-	-	-	5,001	32
-	40,236	-	-	-	-	40,236	282,154	33
-	-	-	-	-	-	-	-	34
-	-	-	-	-	-	-	117,045	35
-	-	-	-	-	-	-	117,045	36
2,994	40,236	652	-	-	900	44,782	538,715	37



SECTION III

CANSO AND OTHER CANADIAN CANALS

TABLE 47. 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	44	53	97	62,304	106,465	67,505	-	25	79	104	117,411	194,095	185,455	-
	United States	-	-	-	-	-	-	-	1	-	1	54	87	-	-
	United Kingdom	5	2	7	8,610	16,642	2,150	-	-	14	14	24,303	47,536	41,571	-
	Other	27	7	34	40,913	72,949	24,389	-	5	27	32	42,184	73,300	44,476	-
	Totals	76	62	138	111,827	196,056	94,044	-	31	120	151	183,952	315,018	271,502	-
Tanker	Canada	9	130	139	299,951	525,747	707,772	-	132	14	146	308,877	544,901	58,912	-
	United Kingdom	6	2	8	2,687	4,939	1,596	-	4	6	10	4,423	7,316	4,038	-
	Other	-	-	-	-	-	-	-	-	2	2	9,463	15,893	7,881	-
	Totals	15	132	147	302,638	530,686	709,368	-	136	22	158	322,763	568,110	70,831	-
Other	Canada	274	7	281	40,516	100,516	12,076	-	255	45	300	48,069	111,907	12,671	-
	United States	17	-	17	1,573	4,220	-	-	25	1	26	4,029	11,863	50	-
	United Kingdom	2	-	2	450	952	-	-	1	-	1	225	476	-	-
	Totals	293	7	300	42,539	105,688	12,076	-	281	46	327	52,323	124,246	12,721	-
	Grand totals	384	201	585	457,004	832,430	815,488	-	448	188	636	559,038	1,007,374	355,054	-

TABLE 48. 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	38	41,521	82,844	436	308,381	568,853	8	10,365	11,448	482	360,267	663,148
	United States	-	-	-	5	472	743	1	236	267	6	708	1,010
	United Kingdom	-	-	-	13	9,781	18,966	-	-	-	13	9,781	18,966
	Other	-	-	-	12	14,152	24,016	-	-	-	12	14,152	24,016
Canada to United States	Canada	-	-	-	3	6,037	8,469	-	-	-	3	6,037	8,469
United States to Canada	Canada	-	-	-	28	27,592	46,926	-	-	-	28	27,592	46,926
	United States	-	-	-	8	665	2,848	-	-	-	8	665	2,848
	United Kingdom	-	-	-	3	1,490	2,625	-	-	-	3	1,490	2,625
	Other	-	-	-	18	21,345	38,891	-	-	-	18	21,345	38,891
United States to United States	United States	-	-	-	3	200	362	-	-	-	3	200	362
United Kingdom to Canada	United Kingdom	-	-	-	1	476	942	-	-	-	1	476	942
Other to Canada	Canada	-	-	-	4	8,875	14,188	-	-	-	4	8,875	14,188
	Other	1	1,882	3,522	3	3,534	6,520	-	-	-	4	5,416	10,042
	Totals	39	43,403	86,366	537	403,000	734,349	9	10,601	11,715	585	457,004	832,430
Downbound:													
Canada to Canada	Canada	42	62,742	117,942	468	369,761	670,117	12	14,229	16,160	522	446,732	804,219
	United States	-	-	-	2	239	348	1	1	63	3	240	411
	United Kingdom	-	-	-	16	15,145	29,988	-	-	-	16	15,145	29,988
	Other	1	1,682	2,906	11	25,879	43,819	-	-	-	12	27,561	46,725
Canada to United States	Canada	-	-	-	14	16,952	27,761	-	-	-	14	16,952	27,761
	United States	-	-	-	10	1,553	5,082	-	-	-	10	1,553	5,082
	United Kingdom	-	-	-	3	3,563	6,138	-	-	-	3	3,563	6,138
	Other	-	-	-	2	387	1,042	-	-	-	2	387	1,042
Canada to United Kingdom	United Kingdom	-	-	-	1	2,073	4,215	-	-	-	1	2,073	4,215
	Other	-	-	-	1	530	1,134	-	-	-	1	530	1,134
Canada to Other	Canada	1	2,238	3,610	11	7,391	13,540	-	-	-	12	9,629	17,150
	United Kingdom	-	-	-	6	8,700	16,121	-	-	-	6	8,700	16,121
	Other	1	1,882	3,522	15	14,948	25,720	-	-	-	16	16,830	29,242
United States to Canada	United States	-	-	-	1	1	1,800	-	-	-	1	1	1,800
	Other	-	-	-	1	2,087	3,450	-	-	-	1	2,087	3,450
United States to United States	United States	-	-	-	11	1,845	4,172	2	444	485	13	2,289	4,657
Other to Canada	Other	-	-	-	2	4,252	7,600	-	-	-	2	4,252	7,600
Other to United States	Canada	-	-	-	1	514	639	-	-	-	1	514	639
	Totals	45	68,544	127,980	576	475,820	862,686	15	14,674	16,708	636	559,038	1,007,374
	Grand totals	84	111,947	214,346	1,113	878,820	1,597,035	24	25,275	28,423	1,221	1,016,042	1,839,804

TABLE 49. 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	152	8,789	-	5,122	-	-	-	-	-	680	-	-	152	14,591
Fish, smoked, salted, dried or pickled	-	360	-	-	-	-	-	-	-	-	-	-	-	360
Barley	-	17,602	-	-	-	-	-	-	-	-	-	-	-	17,602
Corn	-	3,610	-	-	-	-	-	-	-	-	-	-	-	3,610
Oats	-	4,772	-	-	-	-	-	-	-	-	-	-	-	4,772
Wheat	-	101,988	-	-	-	3,360	-	-	-	-	-	-	-	105,348
Malt and malt flour	-	10,762	-	-	-	-	-	-	-	-	-	-	-	10,762
Potatoes	-	715	-	2,600	-	10,910	-	-	-	-	-	-	-	14,225
Vegetable, fresh or chilled, n.e.s.	-	30	-	-	-	-	-	-	-	-	-	-	-	30
Raw sugar	-	-	-	-	-	-	-	-	-	-	-	3,007	3,007	-
Raw hides and skins and undressed fur skins	-	395	-	-	-	-	-	-	-	-	-	-	-	395
Pulpwood	-	4,310	2,900	-	-	13,061	-	-	-	-	-	-	2,900	17,371
Titanium ore	-	-	-	-	-	-	1,500	-	-	-	-	-	1,500	-
Slags, drosses and other by-products ..	-	-	-	-	-	27,448	-	-	-	-	-	-	-	27,448
Asbestos, unmanufactured, crude and fibre	-	1,370	-	-	-	-	-	-	-	-	-	-	-	1,370
Fluorspar	-	-	-	-	-	-	16,294	-	-	-	22,184	-	38,478	-
Gypsum	-	6,955	-	-	-	-	-	-	-	-	-	-	-	6,955
Phosphate rock	-	-	-	-	-	-	3,050	-	-	-	-	-	3,050	-
Salt	-	1,200	-	-	-	-	-	-	-	-	550	-	550	1,200
Sulphur in ores, crude and refined (exc. pharmaceutical grades)	3,550	-	-	-	-	-	5,677	-	-	-	-	-	9,227	-
Lumber and timber	60	250	-	-	-	-	-	-	-	-	-	-	60	250
Pulp	-	-	2,800	-	-	704	-	-	-	-	-	-	2,800	704
Newsprint paper	-	-	2,460	13,909	-	1,345	1,259	-	-	-	-	-	3,719	15,254
Fish and marine animal oils	-	-	-	100	-	-	-	-	-	-	-	-	-	100
Metallic salts and peroxysalts of inorganic acids	2,000	-	-	-	-	2,500	-	1,121	-	-	-	-	2,000	3,621
Fertilizers and fertilizer materials	-	500	-	-	-	3,045	12,896	-	-	-	-	-	12,896	3,545
Agricultural chemicals, formulated	-	-	-	-	-	1,710	-	-	-	-	-	-	-	1,710
Gasoline	213,278	24,100	-	-	-	-	-	-	-	-	-	-	213,278	24,100
Fuel oil	505,140	25,353	-	-	-	-	-	-	-	-	-	-	505,140	25,353
Petroleum and coal products, n.e.s.	-	24,167	-	-	-	-	-	-	-	-	-	-	-	24,167
Structural shapes and sheet piling	-	2,000	-	-	-	-	-	-	-	-	-	-	-	2,000
Rails and railway track material	-	-	-	1,985	-	-	-	-	-	-	-	-	-	1,985
Zinc and alloys	-	1,100	-	-	-	-	-	-	-	-	-	-	-	1,100
Cement	-	-	-	-	-	-	1,200	-	-	-	-	-	1,200	-
Cement and concrete basis products, n.e.s.	-	552	-	-	-	-	-	-	-	-	-	-	-	552
Machinery, n.e.s.	-	50	-	-	-	-	-	-	-	-	-	-	-	50
Containers and closures	15	4	-	-	-	-	-	-	-	-	-	-	15	4
Miscellaneous end products, inedible, n.e.s.	8,906	3,299	-	-	-	12,168	1,158	-	-	-	5,452	9,053	15,516	24,520
Totals	733,101	244,233	8,160	23,716	-	76,251	43,034	1,121	-	680	31,193	9,053	815,488	355,054

TABLE 50. 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	Upbound								Downbound						
	Country of registry	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	288	488	-	-	-	-	-	-	-	-	-
Other	Canada	64	-	64	833	1,486	-	-	63	-	63	855	1,431	-	-
Totals		65	-	65	1,121	1,974	-	-	63	-	63	855	1,431	-	-
Ottawa River:															
Passenger-Cargo...	Canada	11	-	11	33	88	-	5	11	-	11	33	88	-	5
Other	Canada	20	1	21	2,629	4,523	12	-	21	-	21	2,735	4,536	-	-
Totals		31	1	32	2,662	4,611	12	5	32	-	32	2,768	4,624	-	5
Richelieu:															
Cargo	Canada	31	84	115	21,323	28,961	16,879	-	84	31	115	21,475	28,889	3,733	-
Other	Canada	27	-	27	1,581	1,906	-	-	29	-	29	1,500	1,817	-	-
Cargo	United States	1	-	1	43	63	-	11	1	-	1	43	63	-	11
Totals		59	84	143	22,947	30,930	16,879	11	114	31	145	23,018	30,769	3,733	11
Rideau:															
Other	Canada	14	-	14	373	603	-	-	5	-	5	139	256	-	3
St Andrew's:															
Passenger-Cargo...	Canada	36	55	91	12,257	15,598	742	4,561	30	61	91	12,257	15,598	2,273	4,571
Other	Canada	71	-	71	1,521	2,177	-	282	73	-	73	1,559	2,227	-	270
Totals		107	55	162	13,778	17,775	742	4,843	103	61	164	13,816	17,825	2,273	4,841
St Peter's:															
Cargo	Canada	1	-	1	81	161	-	-	-	-	-	-	-	-	-
Other	Canada	116	7	123	2,846	3,298	34	-	83	18	101	2,964	3,717	24	-
Other	United Kingdom...	1	-	1	172	253	-	-	-	-	-	-	-	-	-
Totals		118	7	125	3,099	3,712	34	-	83	18	101	2,964	3,717	24	-
Trent:															
Passenger-Cargo...	Canada	520	-	520	2,890	13,688	-	11,056	533	-	533	2,921	13,780	-	11,079
Other	Canada	111	18	129	21,319	31,704	32	134	113	18	131	23,668	35,158	63	133
Totals		631	18	649	24,209	45,392	32	11,190	646	18	664	26,589	48,938	63	11,212
Grand totals ...		1,025	165	1,190	68,189	104,997	17,699	16,049	1,046	128	1,174	70,149	107,560	6,093	16,072

TABLE 51. 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	-	-	-	64	1,091	1,874	1	30	100	85	1,121	1,974	
Ottawa River:														
Canada to Canada	Canada	-	-	-	28	2,533	4,422	4	129	189	32	2,662	4,611	
Richelieu River:														
Canada to Canada	Canada	-	-	-	52	5,745	9,365	5	547	557	57	6,292	9,922	
Canada to United States	Canada	-	-	-	85	16,612	20,945	-	-	-	85	16,612	20,945	
Canada to United States	United States...	-	-	-	1	43	63	-	-	-	1	43	63	
Totals		-	-	-	138	22,400	30,373	5	547	557	143	22,947	30,930	
Rideau:														
Canada to Canada	Canada	-	-	-	10	258	451	4	115	152	14	373	603	
St Andrew's:														
Canada to Canada	Canada	-	-	-	162	13,778	17,775	-	-	-	162	13,778	17,775	
St. Peter's:														
Canada to Canada	Canada	-	-	-	117	1,561	2,088	7	1,366	1,371	124	2,927	3,459	
Canada to Canada	United Kingdom	-	-	-	1	172	253	-	-	-	1	172	253	
Totals		-	-	-	118	1,733	2,341	7	1,366	1,371	125	3,099	3,712	
Trent:														
Canada to Canada	Canada	-	-	-	649	24,209	45,392	-	-	-	649	24,209	45,392	
Totals		-	-	-	1,169	66,002	102,628	21	2,187	2,369	1,190	68,189	104,997	

TABLE 51. 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	-	-	-	63	855	1,431	-	-	-	63	855	1,431
Ottawa River: Canada to Canada	Canada	-	-	-	29	2,629	4,485	3	139	139	32	2,768	4,624
Richelieu River: Canada to Canada	Canada	-	-	-	59	6,344	10,181	1	45	45	60	6,389	10,226
United States to Canada	Canada	-	-	-	84	16,586	20,480	-	-	-	84	16,586	20,480
United States to Canada	United States.....	-	-	-	1	43	63	-	-	-	1	43	63
Totals		-	-	-	144	22,973	30,724	1	45	45	145	23,018	30,769
Rideau River: Canada to Canada	Canada	-	-	-	5	139	256	-	-	-	5	139	256
St Andrew's: Canada to Canada	Canada	-	-	-	164	13,816	17,825	-	-	-	164	13,816	17,825
St Peter's: Canada to Canada	Canada	-	-	-	95	1,604	2,355	6	1,360	1,362	101	2,964	3,717
Trent: Canada to Canada	Canada	-	-	-	664	26,589	48,938	-	-	-	664	26,589	48,938
Totals		-	-	-	1,164	68,605	106,014	10	1,544	1,546	1,174	70,149	107,560
Grand totals		-	-	-	2,333	134,607	208,642	31	3,731	3,915	2,364	138,338	212,557

TABLE 52. 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	-	-	-	-	-	-	-	-	599	3	29	17	-	-	628	20
Wheat flour	-	-	-	-	-	-	-	-	-	53	-	-	-	-	-	53
Sugar	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-	10
Miscellaneous foods, food materials and food preparations, n.e.s.	-	-	-	-	-	-	-	-	-	541	-	-	-	-	-	541
Hay, forage and straw	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Ale, beer, stout and porter	-	-	-	-	-	-	-	-	-	51	-	-	-	-	-	51
Lumber and timber	-	-	-	-	-	-	-	-	-	50	-	-	-	-	-	50
Newsprint paper	-	-	-	-	16,879 ¹	-	-	-	-	-	-	-	-	-	16,879	-
Explosives, fuses and caps	-	-	-	-	-	3,731	-	-	-	-	-	-	-	-	-	3,731
Gasoline	-	-	-	-	-	-	-	-	15	797	-	-	18	34	33	831
Fuel oil	-	-	-	-	-	-	-	-	2	66	-	-	14	29	16	95
Lead and alloys	-	-	-	-	-	-	-	-	3	-	-	-	-	-	3	-
Tractors	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2
Machinery, n.e.s.	-	-	12	-	-	-	-	-	-	-	-	-	-	-	12	-
Containers and closures	-	-	-	-	-	2 ²	-	-	113	133	-	-	-	-	113	135
Miscellaneous end products, inedible, n.e.s.	-	-	-	-	-	-	-	-	10	566	5	7	-	-	15	573
Totals	-	-	12	-	16,879	3,733	-	-	742	2,273	34	24	32	63	17,699	6,093
Passengers	-	-	5	5	11	11	-	3	4,843	4,841	-	-	11,190	11,212	16,049	16,072

¹ Tonnage unloaded from U.S. ports.

² Tonnage loaded for U.S. ports.

APPENDIX A
HISTORICAL SUMMARY, 1959-68
 St. Lawrence Seaway Canals

Canal direction and registry of vessel	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
St. Lawrence Canals¹										
Vessel transits:										
Upbound:										
Canada	4,736	4,158	3,441	2,584	2,436	2,433	2,019	2,532	1,998	1,984
United States	340	631	366	356	248	335	353	201	310	216
United Kingdom ²	298	333	424	462	343	386	452	316	306	243
Other foreign	851	891	875	886	821	981	1,059	1,101	1,025	994
Totals	6,225	6,013	5,106	4,288	3,848	4,135	3,883	4,150	3,639	3,437
Downbound:										
Canada	4,853	4,178	3,442	2,827	2,425	2,543	2,052	2,506	1,978	1,984
United States	350	629	387	359	262	348	382	222	335	238
United Kingdom ²	308	332	432	462	344	296	464	310	294	237
Other foreign	840	888	890	895	831	1,056	1,087	1,096	1,030	1,001
Totals	6,351	6,027	5,151	4,543	3,862	4,243	3,985	4,134	3,637	3,460
Grand totals	12,576	12,040	10,257	8,831	7,710	8,378	7,868	8,284	7,276	6,897
Registered net tons:										
Upbound:										
Canada	5,322,137	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
United States	507,176	520,540	269,380	494,527	684,956	1,068,076	701,834	706,659	894,583	813,700
United Kingdom ²	803,757	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
Other foreign	2,038,223	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
Totals	8,671,293	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
Downbound:										
Canada	5,392,196	4,532,602	5,508,151	5,637,593	6,803,604	7,378,564	7,853,932	10,327,101	9,706,596	10,486,908
United States	468,942	527,828	296,551	504,350	689,388	1,061,269	683,814	718,615	928,132	850,977
United Kingdom ²	812,951	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
Other foreign	2,017,016	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
Totals	8,691,105	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
Grand totals	17,362,398	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
Cargo tons:										
Upbound:										
Canada	8,085,427	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
United States	510,245	308,849	189,285	441,045	1,304,277	2,261,505	1,316,474	1,415,585	1,810,482	1,823,701
United Kingdom ²	708,082	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
Other foreign	1,851,215	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
Totals	11,154,969	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
Downbound:										
Canada	5,747,249	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
United States	169,684	244,272	337,203	518,187	649,302	1,082,419	663,229	378,016	206,321	242,005
United Kingdom ²	1,266,991	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
Other foreign	2,882,387	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
Totals	10,066,311	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
Grand totals	21,221,280	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
Season of navigation:										
First vessel passage	April 25	April 18	April 11	April 23	April 15	April 8	April 8	April 1	April 1	April 8
Last vessel passage	Dec. 3	Dec. 3	Nov. 30	Dec. 7	Dec. 13	Dec. 7	Dec. 17	Dec. 15	Dec. 15	Dec. 14

See footnotes on page 50.

Historical Summary, 1959-68 - Continued
St. Lawrence Seaway Canals - Continued

Canal direction and registry of vessel	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
Welland Canal										
Vessel transits:										
Upbound:										
Canada	2,604	2,446	2,356	2,114	2,192	2,156	2,156	2,608	2,082	2,086
United States	789	664	508	639	574	443	356	338	414	341
United Kingdom ²	226	261	440	477	454	635	702	399	342	324
Other foreign	727	765	800	805	735	893	923	968	857	863
Totals	4,346	4,136	4,104	4,035	3,955	4,127	4,137	4,313	3,695	3,614
Downbound:										
Canada	2,554	2,362	2,296	2,048	2,180	2,170	2,154	2,616	2,080	2,088
United States	778	631	543	651	539	426	384	386	465	373
United Kingdom ²	242	269	443	473	440	659	708	402	332	319
Other foreign	729	771	819	829	756	895	969	977	883	879
Totals	4,303	4,033	4,101	4,001	3,915	4,150	4,215	4,381	3,760	3,659
Grand totals	8,649	8,169	8,205	8,036	7,870	8,277	8,352	8,694	7,455	7,273
Registered net tons:										
Upbound:										
Canada	7,440,456	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
United States	1,363,458	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
United Kingdom ²	724,092	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
Other foreign	1,574,929	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
Totals	11,102,935	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
Downbound:										
Canada	7,266,006	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
United States	1,409,253	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
United Kingdom ²	755,799	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
Other foreign	1,582,943	2,051,355	2,375,972	2,614,527	2,431,798	3,104,733	3,511,601	3,945,402	3,481,882	4,093,468
Totals	11,014,001	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
Grand totals	22,116,936	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
Cargo tons:										
Upbound:										
Canada	7,073,632	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
United States	894,109	655,226	539,217	1,079,748	1,640,628	2,533,381	1,560,205	1,633,996	2,238,660	2,119,020
United Kingdom ²	562,631	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
Other foreign	1,066,194	3,976,432	880,660	1,323,185	1,617,205	1,795,342	3,321,546	3,622,298	3,598,939	5,780,249
Totals	9,596,566	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
Downbound:										
Canada	12,313,690	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
United States	1,835,374	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
United Kingdom ²	1,119,736	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
Other foreign	2,640,658	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
Totals	17,909,458	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
Grand totals	27,506,024	29,280,737	31,404,370	33,510,609	41,325,529	51,416,382	53,436,596	59,137,315	52,850,454	58,104,794
Season of navigation:										
First vessel passage	April 6	April 1	April 1	April 1	April 7	March 30	April 1	April 4	April 1	April 1
Last vessel passage	Dec. 15	Dec. 15	Dec. 15	Dec. 15	Dec. 18	Dec. 15	Dec. 16	Dec. 15	Dec. 16	Dec. 22

See footnote on page 90.

Historical Summary, 1959-68 - Continued
St. Lawrence Seaway Canals - Concluded

Canal direction and registry of vessel	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
Sault Ste. Marie Canal										
Vessel transits:										
Upbound:										
Canada	1, 111	1, 331	1, 150	899	877	938	1, 140	916	693	626
United States	233	113	121	137	111	88	134	117	95	69
United Kingdom ²	13	40	50	8	6	9	42	4	6	3
Other foreign	15	46	31	31	5	6	22	13	17	11
Totals	1, 372	1, 530	1, 352	1, 075	999	1, 041	1, 338	1, 050	811	709
Downbound:										
Canada	914	1, 055	882	782	844	769	972	1, 113	1, 003	888
United States	2, 126	2, 232	1, 215	1, 272	1, 206	1, 242	1, 162	1, 256	1, 219	1, 022
United Kingdom ²	11	21	18	11	1	7	4	-	-	1
Other foreign	5	17	6	10	-	3	8	1	2	3
Totals	3, 056	3, 325	2, 121	2, 075	2, 051	2, 021	2, 146	2, 370	2, 224	1, 914
Grand totals	4, 428	4, 853	3, 473	3, 150	3, 050	3, 062	3, 484	3, 420	3, 035	2, 623
Registered net tons:										
Upbound:										
Canada	1, 380, 730	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
United States	132, 294	116, 627	156, 698	177, 559	96, 768	72, 521	226, 218	125, 593	84, 337	45, 477
United Kingdom ²	10, 857	90, 719	140, 819	23, 182	20, 357	47, 397	183, 778	11, 559	15, 097	7, 942
Other foreign	17, 805	111, 846	87, 769	69, 455	12, 370	8, 897	56, 248	29, 120	26, 284	17, 778
Totals	1, 541, 686	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
Downbound:										
Canada	811, 597	1, 035, 640	890, 089	884, 201	878, 812	915, 561	1, 290, 188	1, 237, 690	948, 314	777, 477
United States	321, 962	314, 074	184, 050	271, 052	200, 712	230, 046	223, 411	202, 873	211, 216	129, 402
United Kingdom ²	8, 487	21, 222	17, 125	10, 517	4, 584	37, 853	16, 456	-	-	2, 456
Other foreign	4, 040	20, 059	10, 363	14, 556	-	3, 098	11, 213	1, 465	3, 246	3, 448
Totals	1, 146, 086	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
Grand totals	2, 687, 772	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
Cargo tons:										
Upbound:										
Canada	383, 755	600, 864	429, 458	320, 135	182, 517	344, 038	481, 192	490, 574	377, 795	465, 101
United States	47, 507	114, 753	25, 774	28, 355	18, 068	44, 517	44, 262	40, 981	51, 542	23, 499
United Kingdom ²	185	6, 794	9, 981	3, 858	129	-	5, 409	-	-	-
Other foreign	6, 249	5, 245	2, 561	4, 884	-	2, 019	12, 409	4, 115	543	2, 026
Totals	437, 696	727, 656	467, 774	357, 232	200, 714	390, 574	543, 272	535, 670	429, 880	490, 626
Downbound:										
Canada	770, 182	963, 511	655, 884	722, 488	589, 883	530, 951	840, 059	714, 523	527, 674	493, 151
United States	15, 113	8, 533	4, 810	15, 155	19, 408	42, 711	4, 518	28, 674	14, 780	43, 338
United Kingdom ²	2, 150	14, 389	9, 495	-	-	-	2, 923	-	-	652
Other foreign	7, 553	6, 533	2, 987	12, 254	-	2, 401	16, 137	849	-	1, 574
Totals	794, 998	992, 966	673, 176	749, 897	609, 291	576, 063	863, 637	744, 046	542, 454	538, 715
Grand totals	1, 232, 694	1, 720, 622	1, 140, 950	1, 107, 129	810, 005	966, 637	1, 406, 909	1, 279, 716	972, 334	1, 029, 341
Season of navigation:										
First vessel passage	April 13	April 4	April 11	April 3	April 4	April 13	April 1	April 1	April 8	April 5
Last vessel passage	Dec. 12	Dec. 12	Dec. 12	Dec. 12	Nov. 30	Dec. 12	Dec. 12	Dec. 15	Dec. 12	Dec. 13

See footnotes on page 90.

Historical Summary, 1959-68 - Continued
Other Canadian Canals

Canal direction and registry of vessel	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
Canso Canal										
Vessel transit:										
Up.....	625	609	589	574	518	672	629	639	557	585
Down.....	621	619	591	565	562	695	829	703	614	636
Totals.....	1,246	1,228	1,180	1,139	1,080	1,367	1,458	1,342	1,171	1,221
Registered net tons:										
Up.....	346,793	374,478	346,282	488,870	543,376	580,851	461,800	485,143	435,474	457,004
Down.....	284,839	389,968	352,542	485,477	557,696	657,035	627,246	588,582	470,829	559,038
Totals.....	631,632	764,446	698,824	974,347	1,101,072	1,237,886	1,089,046	1,073,725	906,303	1,016,042
Cargo tons:										
Up.....	476,318	606,339	495,540	747,530	744,342	865,158	708,352	793,653	656,954	814,488
Down.....	198,188	197,037	206,857	363,112	460,194	480,124	374,053	365,672	259,889	355,054
Totals.....	674,506	803,376	702,397	1,110,642	1,204,536	1,345,282	1,082,405	1,159,325	916,843	1,169,542
Season of navigation:										
First vessel passage.....	April 17	April 17	May 12	April 16	April 17	April 13	April 20	April 1	May 5	April 7
Last vessel passage.....	Dec. 31	Jan. 16/61	Dec. 31	Feb.9/63	Dec. 27	Dec. 30	Dec. 31	Dec. 31	Dec. 12	Dec. 31
Murray Canal										
Vessel transits:										
Up.....	160	113	98	96	60	34	40	41	136	65
Down.....	94	81	107	85	68	33	42	41	141	63
Totals.....	254	194	205	181	128	67	82	82	277	128
Registered net tons:										
Up.....	31,126	17,171	8,407	7,031	2,169	978	1,277	1,174	1,538	1,121
Down.....	5,333	2,012	4,452	5,464	2,134	651	1,818	738	1,574	1,431
Totals.....	36,459	19,183	12,859	12,495	4,303	1,629	3,095	1,912	3,112	2,552
Cargo tons:										
Up.....	90	130	500	350	-	-	-	-	-	-
Down.....	-	-	322	-	-	-	-	-	-	-
Totals.....	90	130	822	350	-	-	-	-	-	-
Season of navigation:										
First vessel passage.....	April 17	April 19	May 1	April 12	April 18	May 13	April 20	May 1	April 4	May 18
Last vessel passage.....	Nov. 27	Dec. 1	Nov. 29	Nov. 24	Nov. 30	Nov. 27	Nov. 12	Nov. 26	Oct. 21	Nov. 23
Ottawa River Canals										
Vessel transits:										
Up.....	846	667	489	18	197	170	34	40	31	32
Down.....	821	683	486	18	186	171	46	39	35	32
Totals.....	1,667	1,350	975	36	383	341	80	79	66	64
Registered net tons:										
Up.....	201,781	161,979	120,679	2,576	15,720	10,642	1,906	2,313	2,189	2,662
Down.....	196,402	166,089	119,644	2,637	13,054	12,368	3,404	2,237	2,156	2,768
Totals.....	398,183	328,068	240,323	5,213	28,774	23,010	5,310	4,550	4,345	5,430
Cargo tons:										
Up.....	43	100	777	150	7,055	11,016	239	483	73	12
Down.....	327,600	278,100	196,200	150	976	1,665	510	6	-	-
Totals.....	327,643	278,200	196,977	300	8,031	12,681	749	489	73	12
Season of navigation:										
First vessel passage.....	May 2	May 3	April 24	April 15	April 24	April 30	May 3	May 12	April 21	April 22
Last vessel passage.....	Nov. 19	Nov. 19	Nov. 10	Nov. 16	Dec. 1	Nov. 17	Oct. 12	Oct. 26	Oct. 24	Nov. 21
Richelieu River Canals										
Vessel transits:										
Up.....	415	395	370	359	387	325	313	156	163	143
Down.....	407	401	361	353	369	329	314	158	163	145
Totals.....	822	796	731	712	756	654	627	314	326	288
Registered net tons:										
Up.....	60,918	62,036	56,038	52,684	51,181	60,069	58,006	28,590	28,119	22,947
Down.....	61,664	61,991	53,867	51,964	49,865	60,370	58,310	28,978	29,365	23,018
Totals.....	122,582	124,027	109,905	104,648	101,046	120,439	116,316	57,568	57,484	45,965
Cargo tons:										
Up.....	78,758	81,364	80,822	80,925	62,212	85,746	82,951	24,476	25,653	16,879
Down.....	30,244	25,335	13,707	7,222	6,332	6,392	4,790	4,173	4,233	3,733
Totals.....	109,002	106,699	94,529	88,147	68,544	92,138	87,741	28,649	29,886	20,612
Season of navigation:										
First vessel passage.....	April 15	April 4	April 20	April 20	April 20	April 14	April 20	April 19	May 15	April 22
Last vessel passage.....	Dec. 5	Nov. 27	Dec. 2	Nov. 29	Dec. 1	Nov. 29	Nov. 29	Nov. 10	Nov. 21	Nov. 29

Historical Summary, 1959-68 - Concluded
Other Canadian Canals - Concluded

Canal direction and registry of vessel	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
Rideau River Canals										
Vessel transits:										
Up	32	39	35	38	38	10	13	16	3	14
Down	37	55	72	27	31	9	15	17	16	5
Totals	69	94	107	65	69	19	28	33	19	19
Registered net tons:										
Up	1,081	1,497	1,136	1,335	1,170	257	373	1,132	59	373
Down	1,262	1,629	1,740	973	1,528	343	355	1,158	163	139
Totals	2,343	3,126	2,876	2,308	2,698	600	728	2,290	222	512
Cargo Tons:										
Up	53	72	-	-	-	-	-	434	-	-
Down	5	-	-	-	-	-	-	-	-	-
Totals	58	72	-	-	-	-	-	434	-	-
Season of navigation:										
First vessel passage	May 9	May 18	May 11	May 7	May 13	May 28	May 15	May 22	May 15	May 17
Last vessel passage	Nov. 2	Nov. 1	Nov. 4	Oct. 31	Oct. 18	Sept. 6	Oct. 6	Oct. 15	Aug. 8	Oct. 17
St. Andrew's Canal										
Vessel transits:										
Up	200	151	158	101	190	169	133	138	123	162
Down	198	150	167	101	191	164	129	138	122	164
Totals	398	301	325	202	381	333	262	276	245	326
Registered net tons:										
Up	12,251	8,296	10,581	5,525	8,681	7,392	4,962	4,627	6,315	13,778
Down	11,811	8,171	11,188	5,564	8,716	7,289	4,949	4,639	6,293	13,816
Totals	24,062	16,467	21,769	11,089	17,397	14,681	9,911	9,266	12,608	27,594
Cargo tons:										
Up	2,035	1,449	6,783	797	1,429	1,113	571	626	688	742
Down	1,898	2,650	1,503	1,494	2,385	1,894	1,053	1,005	992	2,278
Totals	3,933	4,099	8,286	2,291	3,814	3,007	1,624	1,631	1,680	3,015
Season of navigation:										
First vessel passage	May 14	June 4	May 21	July 11	May 20	May 29	June 24	June 24	May 12	May 1
Last vessel passage	Oct. 31	Nov. 1	Oct. 27	Nov. 3	Nov. 3	Nov. 2	Oct. 31	Oct. 31	Nov. 1	Nov. 5
St. Peter's Canal										
Vessel transit:										
Up	198	275	273	238	185	188	163	153	135	125
Down	184	280	274	217	168	198	166	150	115	101
Totals	382	555	547	455	353	386	329	303	250	226
Registered net tons:										
Up	4,173	8,138	4,938	5,208	7,474	5,012	3,033	5,755	3,110	3,099
Down	4,377	7,693	5,745	4,949	4,423	3,926	3,115	3,352	4,015	2,964
Totals	8,550	15,831	10,683	10,157	11,897	8,938	6,148	9,107	7,125	6,063
Cargo tons:										
Up	262	142	861	271	214	142	344	325	280	34
Down	557	581	605	660	360	339	207	277	459	24
Totals	819	723	1,466	931	574	481	551	602	739	58
Season of navigation:										
First vessel passage	April 20	April 4	April 27	April 4	May 1	April 25	April 30	April 1	April 4	April 10
Last vessel passage	Dec. 31	Dec. 22	Dec. 16	Dec. 5	Dec. 12	Dec. 16	Dec. 21	Dec. 23	Dec. 16	Sept. 24
Trent Canal										
Vessel transits:										
Up	31	24	15	13	14	133	122	587	463	649
Down	37	23	22	16	17	138	131	610	463	664
Totals	68	47	37	29	31	271	253	1,197	926	1,313
Registered net tons:										
Up	499	318	178	143	163	1,744	477	2,689	14,405	24,209
Down	571	333	258	177	259	577	507	2,826	16,588	26,589
Totals	1,070	651	436	320	422	2,321	984	5,515	30,993	50,798
Cargo tons:										
Up	34	17	19	13	13	26	10	19	16	32
Down	49	47	55	58	49	38	4	87	31	63
Totals	83	64	74	71	62	64	14	106	47	95
Season of navigation:										
First vessel passage	May 15	June 10	May 17	May 15	May 18	May 19	May 30	May 25	May 19	April 3
Last vessel passage	Oct. 22	Nov. 23	Oct. 9	Oct. 11	Oct. 7	Sept. 18	Oct. 15	Oct. 15	Oct. 13	Oct. 21

¹ Includes traffic through the Lachine and Cornwall Canals.

² Includes other British Commonwealth.

APPENDIX B

Freight Charges on the Great Lakes for Wheat, 1968 and 1967

	1968			1967		
	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	9.00	3.00	0.244	10.942	3.64	0.296
May	9.00	3.00	0.244	10.676	3.56	0.290
June	8.51	2.83	0.230	10.275	3.42	0.279
July	—	—	—	10.016	3.34	0.272
August	—	—	—	9.354	3.11	0.253
September	8.00	2.66	0.217	9.019	3.00	0.244
October	8.00	2.66	0.217	9.047	3.01	0.245
November	8.10	2.70	0.220	8.988	2.99	0.243
December	8.12	2.70	0.220	—	—	—
Averages	8.35	2.78	0.226	10.009	3.33	0.271
Winter storage	12.25	4.08	0.332	13.216	4.40	0.358
Goderich and Georgian Bay ports:						
April	4.50	1.50	0.279	4.58	1.53	0.284
May	4.50	1.50	0.279	4.51	1.50	0.279
June	4.50	1.50	0.279	4.51	1.50	0.279
July	4.50	1.50	0.279	4.53	1.51	0.281
August	—	—	—	4.51	1.50	0.279
September	4.53	1.51	0.281	4.83	1.61	0.299
October	4.51	1.50	0.279	4.54	1.51	0.281
November	4.59	1.53	0.284	4.58	1.53	0.284
December	4.80	1.60	0.297	5.34	1.78	0.331
Averages	4.55	1.52	0.283	4.56	1.52	0.283
Winter storage	8.47	2.82	0.524	8.69	2.89	0.537
Port Colborne:						
April	5.75	1.91	0.225	6.00	2.00	0.236
May	5.75	1.91	0.225	5.78	1.92	0.226
June	5.75	1.91	0.225	5.62	1.87	0.221
July	—	—	—	5.62	1.87	0.221
August	—	—	—	5.75	1.91	0.225
September	5.75	1.91	0.225	5.86	1.95	0.230
October	5.92	1.97	0.232	5.83	1.94	0.229
November	5.55	1.85	0.218	5.82	1.94	0.229
December	6.38	2.12	0.250	—	—	—
Averages	5.85	1.95	0.230	5.74	1.91	0.225
Winter storage	10.15	3.38	0.399	10.14	3.38	0.399
Buffalo:						
April	—	—	—	—	—	—
May	—	—	—	—	—	—
June	—	—	—	—	—	—
July	—	—	—	—	—	—
August	—	—	—	—	—	—
September	—	—	—	—	—	—
October	—	—	—	—	—	—
November	—	—	—	—	—	—
December	—	—	—	—	—	—
Averages	—	—	—	—	—	—
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, 1968

	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	7.29	3.04	0.248	6.25	3.68	0.300
May	7.41	3.09	0.252	6.67	3.92	0.319
June	6.80	2.84	0.231	5.64	3.32	0.270
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	7.06	2.94	0.239	5.91	3.48	0.283
October	7.08	2.95	0.240	5.80	3.41	0.278
November	6.86	2.86	0.233	5.38	3.16	0.257
December	7.00	2.92	0.238	6.50	3.82	0.311
Averages	7.02	2.93	0.239	5.90	3.47	0.283
Goderich and Georgian Bay ports:						
April	-	-	-	-	-	-
May	4.25	1.77	0.329	4.80	2.82	0.524
June	4.89	2.04	0.379	4.70	2.76	0.513
July	4.25	1.77	0.329	4.00	2.35	0.437
August	-	-	-	-	-	-
September	4.92	2.05	0.381	4.81	2.83	0.526
October	5.18	2.16	0.401	4.91	2.89	0.537
November	4.87	2.03	0.377	4.54	2.67	0.496
December	5.25	2.19	0.407	4.64	2.73	0.507
Averages	4.93	2.06	0.383	4.75	2.79	0.519
Port Colborne:						
April	-	-	-	-	-	-
May	-	-	-	-	-	-
June	-	-	-	-	-	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	-	-	-
October	7.00	2.92	0.344	-	-	-
November	-	-	-	-	-	-
December	-	-	-	-	-	-
Averages	7.00	2.92	0.344	-	-	-
Buffalo:						
April	-	-	-	-	-	-
May	7.75	3.23	0.375	-	-	-
June	7.75	3.23	0.375	-	-	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	-	-	-
October	-	-	-	-	-	-
November	-	-	-	-	-	-
December	-	-	-	-	-	-
Averages	7.75	3.23	0.375	-	-	-
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, 1968

	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	-	-	-	9.00	3.21	0.261
May	-	-	-	-	-	-
June	8.50	3.03	0.247	-	-	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	8.00	2.86	0.233
October	8.50	3.03	0.247	8.00	2.86	0.233
November	-	-	-	-	-	-
December	-	-	-	8.50	3.03	0.247
Averages	8.50	3.03	0.247	8.30	2.96	0.241
Goderich and Georgian Bay ports:						
April	-	-	-	-	-	-
May	-	-	-	5.50	1.96	0.364
June	-	-	-	-	-	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	-	-	-
October	-	-	-	5.50	1.96	0.364
November	-	-	-	-	-	-
December	-	-	-	-	-	-
Averages	-	-	-	5.50	1.96	0.364
Port Colborne:						
April	-	-	-	-	-	-
May	-	-	-	-	-	-
June	-	-	-	-	-	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	-	-	-
October	-	-	-	-	-	-
November	-	-	-	-	-	-
December	-	-	-	-	-	-
Averages	-	-	-	-	-	-
Buffalo:						
April	-	-	-	-	-	-
May	-	-	-	-	-	-
June	-	-	-	-	-	-
July	-	-	-	-	-	-
August	-	-	-	-	-	-
September	-	-	-	-	-	-
October	-	-	-	8.00	2.86	0.332
November	-	-	-	-	-	-
December	-	-	-	-	-	-
Averages	-	-	-	8.00	2.86	0.332
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
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

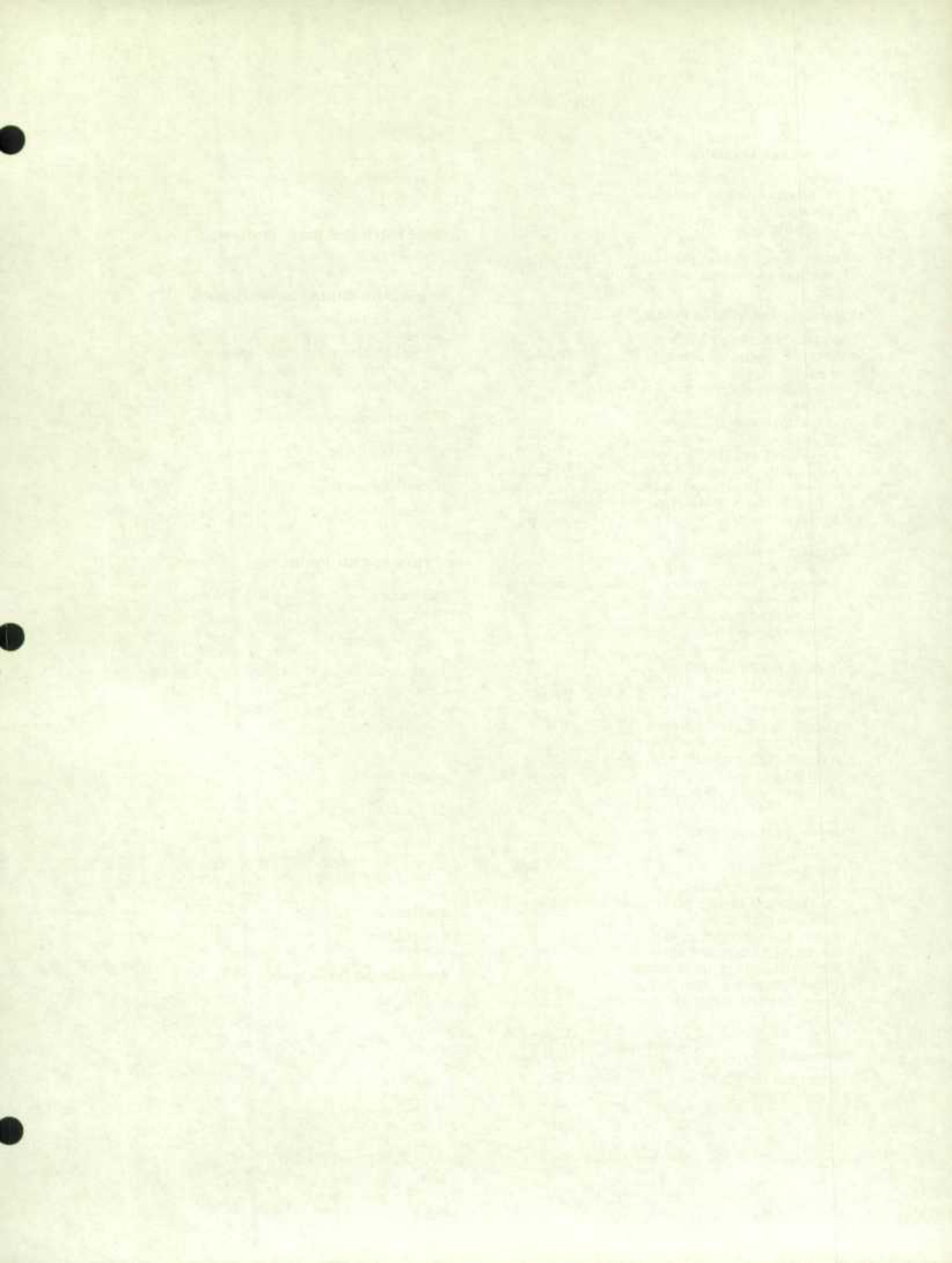
Equipment

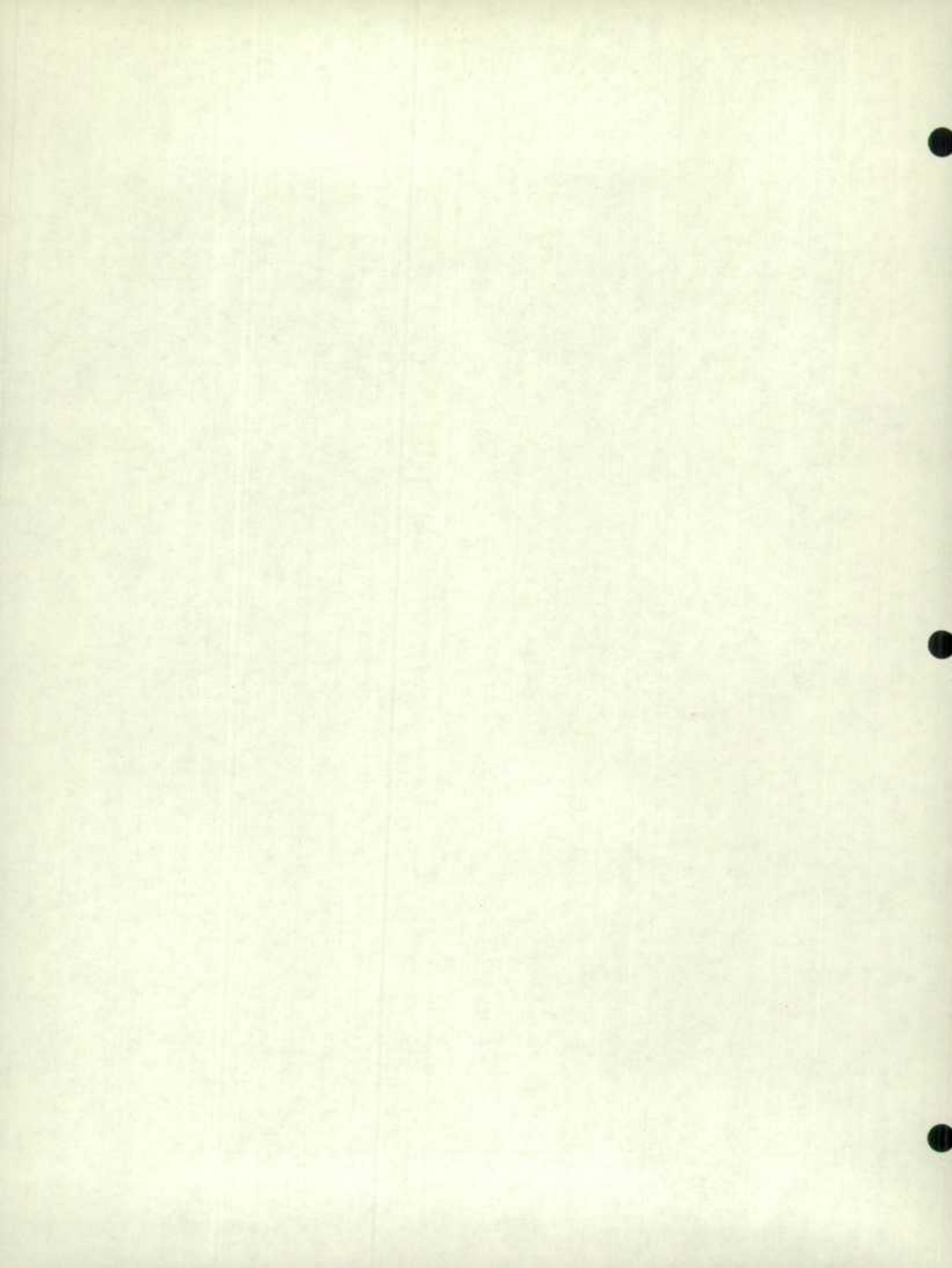
Personal and Household Goods

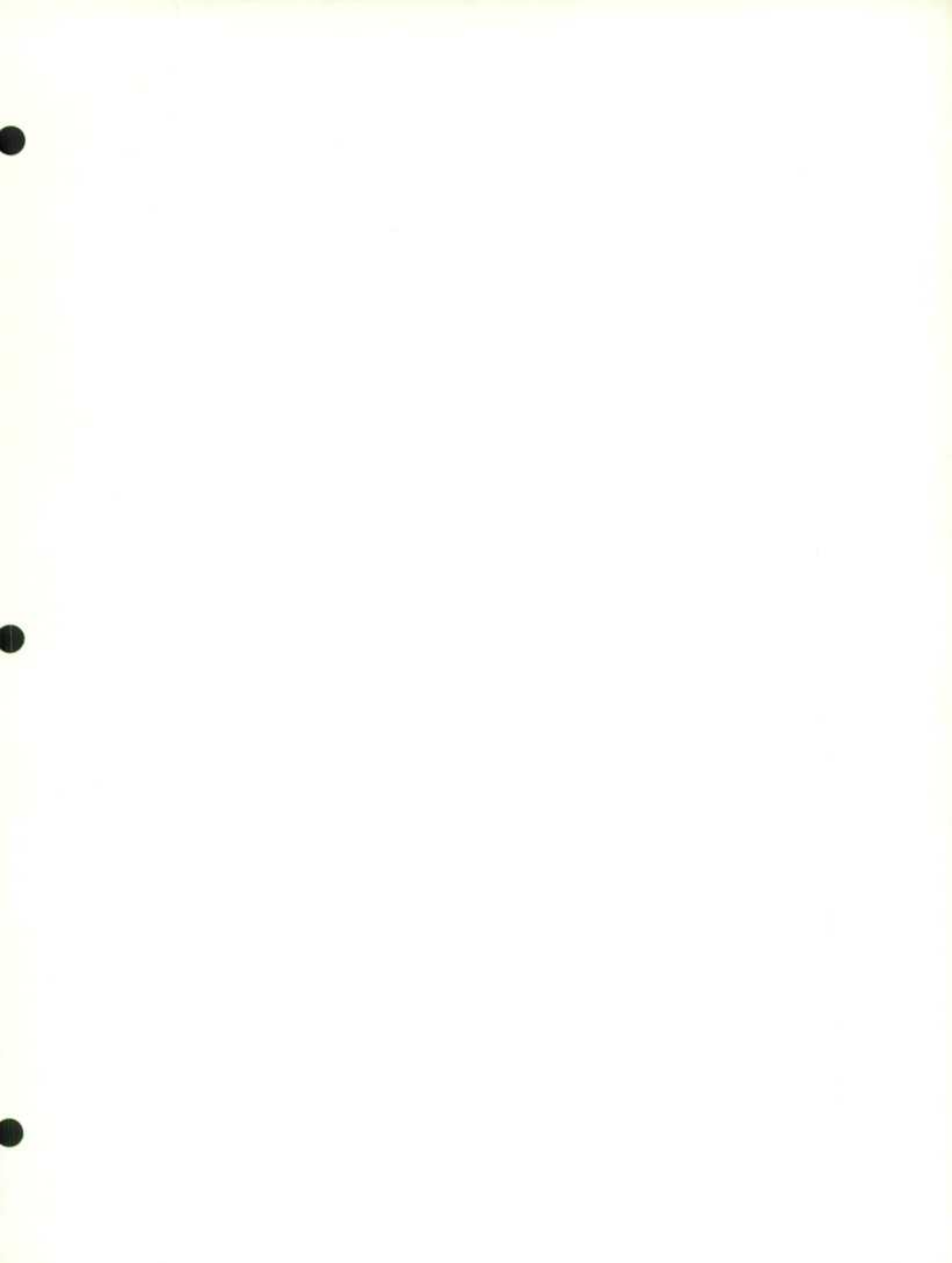
Personal and household goods

Miscellaneous

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







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