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## SUMMARY OF CANAL STATISTICS

DECEMBER 1963

The total volume of freight cleared through the Canadian canals during December increased 215.0 per cent, to 2,906,961 tons from 922,933 tons in December 1962. The Sault Ste. Marie Canal was officially closed on November 30; the Welland Canal, December 19; and the St. Lawrence Canals, December 13.

Sault Ste. Marie Canals - Canadian and United States Locks: To facilitate repairs to the lower sill, the Canadian lock remained closed in December. Total freight cleared through the United States portion of the combined system almost doubled, to 2,444,179 tons from the 1,252,948 tons which were cleared through the combined system in December of last year. Eastbound freight increased to 2,234,075 tons from 1,174,762 tons, while westbound traffic rose to 210,104 tons from 78,186 tons. The number of vessel passages increased to 474 from 381 in the previous December.

Welland Canal: The volume of freight transported through the Welland Canal in December increased to 1,833,137 tons from 742,566 tons last year. Eastbound traffic totalled 1,562,072 tons compared to 618,110 tons, while westbound freight increased to 271,065 tons from 124,456 tons. During the month 323 vessels with a registered net tonnage of 1,519,675 tons were cleared through the Canal, compared with 201 vessels of 644,303 tons in the corresponding month last year.

St. Lawrence Canals: Due to the late closing of navigation, the total tonnage of freight moved through the St. Lawrence Canals increased to 1,003,452 tons from 75,820 tons moved in December 1962. The number of vessel passages increased to 287 from 130, while the registered net tonnage of these vessels increased to 902,839 tons from 129,358 tons in the same period in 1962.

April to December 1963: During the 1963 canal season, which extended from April to December, the total amount of freight cleared through all Canadian canals increased 17.2 per cent, to 74,506,371 tons from 63,568,291 tons moved in 1962. Freight traffic through the St. Lawrence Canals increased 21.0 per cent, to 31,200,000 tons from 25,700,000 tons moved in 1962, while traffic through the Welland Canal was up 16.2 per cent, to 41,200,000 tons from 35,500,000 tons. These tonnages are new records for both canals. These are preliminary figures, however, which are subject to revision in the annual Canal Statistics publication for 1963.

Prepared in the Transportation Section  
Public Finance and Transportation Division

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8504-517

SUMMARY OF CANAL STATISTICS

December 1963

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft(1)	Tons of freight
<u>December 1963</u>					
<u>ALL CANADIAN CANALS</u> .....	692	2,482,608	6	-	2,906,961
Canso Canal .....	68	58,941	-	-	69,994
Murray Canal .....	-	-	-	-	-
Ottawa River Canals .....	8	835	-	-	376
Richelieu River Canal .....	1	201	-	-	-
Rideau Canal .....	-	-	-	-	-
St. Andrew's Canal .....	-	-	-	-	-
St. Lawrence Canals .....	287	902,839	3	-	1,003,452
St. Peter's Canal .....	5	117	-	-	2
Sault Ste. Marie Canal .....	-	-	-	-	-
Trent Canal .....	-	-	-	-	-
Welland Canal .....	323	1,519,675	3	-	1,833,137
<u>December 1962</u>					
<u>ALL CANADIAN CANALS</u> .....	441	905,000	2	-	922,933
Canso Canal .....	71	81,705	-	-	78,049
Murray Canal .....	-	-	-	-	-
Ottawa River Canals .....	-	-	-	-	-
Richelieu River Canal .....	-	-	-	-	-
Rideau Canal .....	-	-	-	-	-
St. Andrew's Canal .....	-	-	-	-	-
St. Lawrence Canals .....	130	129,358	-	-	75,820
St. Peter's Canal .....	2	78	-	-	2
Sault Ste. Marie Canal .....	37	49,556	2	-	26,496
Trent Canal .....	-	-	-	-	-
Welland Canal .....	201	644,303	-	-	742,566

SAULT STE. MARIE CANALS:

<u>December 1963</u>					
<u>East Bound:</u>					
Canadian Lock .....	-	-	-	-	-
Can. & U.S. Locks .....	252	..	-	..	2,234,075
<u>West Bound:</u>					
Canadian Lock .....	-	-	-	-	-
Can. & U.S. Locks .....	222	..	-	..	210,104
<u>Totals:</u>					
Canadian Lock - December 1963 .....	-	-	-	-	-
Can. & U.S. Locks - December 1963 .....	474	..	-	-	2,444,179
Canadian Lock - December 1962 .....	37	49,536	2	-	26,496
Can. & U.S. Locks - December 1962 .....	381	..	2	..	1,252,948

WELLAND CANAL:

East Bound .....	197	873,743	3	-	1,562,072
West Bound .....	126	645,932	-	-	271,065
Totals - December 1963 .....	323	1,519,675	3	-	1,833,137
Totals - December 1962 .....	201	644,303	-	-	742,566

ST. LAWRENCE CANALS:

East Bound .....	147	464,390	3	-	826,773
West Bound .....	140	438,449	-	-	176,679
Totals - December 1963 .....	287	902,839	3	-	1,003,452
Totals - December 1962 .....	130	129,358	-	-	75,820

(1) One pleasure craft through one lock station recorded as "1".  
.. Figures not available.

SUMMARY OF CANAL STATISTICS

December 1963

Commodities	East Bound		West Bound		Total	
	Canadian Lock	Canadian and U.S. Locks	Canadian Lock	Canadian and U.S. Locks	Canadian Lock	Canadian and U.S. Locks
SAULT STE. MARIE CANALS:						
tons						
Barley .....	-	143,759	-	-	-	143,759
Corn .....	-	1,680	-	-	-	1,680
Oats .....	-	61,687	-	-	-	61,687
Rye .....	-	12,668	-	-	-	12,668
Wheat .....	-	1,403,171	-	-	-	1,403,171
Flour, wheat .....	-	7,849	-	-	-	7,849
Cereals, milled, n.e.s. ....	-	-	-	-	-	-
Foods, beverages, tobacco, n.e.s. ....	-	16,222	-	-	-	16,222
Flaxseed .....	-	26,417	-	-	-	26,417
Pulpwood, lumber and logs .....	-	-	-	150	-	150
Iron ore .....	-	506,176	-	-	-	506,176
Iron and steel scrap .....	-	-	-	-	-	-
Coal, anthracite .....	-	-	-	-	-	-
Coal, bituminous .....	-	-	-	105,887	-	105,887
Sand, gravel and stone .....	-	-	-	39,086	-	39,086
Paper and woodpulp .....	-	22,059	-	-	-	22,059
Gasoline .....	-	-	-	800	-	800
Fuel oil .....	-	-	-	23,944	-	23,944
Petroleum products, other .....	-	-	-	-	-	-
Pig iron .....	-	-	-	-	-	-
Iron and steel, manufactured .....	-	21,658	-	-	-	21,658
Cement .....	-	-	-	-	-	-
Motor vehicles .....	-	-	-	-	-	-
Miscellaneous freight, n.e.s. ....	-	10,729	-	40,237	-	50,966
Domestic package freight .....	-	-	-	-	-	-
Totals .....	-	2,234,075	-	210,104	-	2,444,179

Commodities	East Bound		West Bound		Total	
	Canadian Lock	Canadian and U.S. Locks	Canadian Lock	Canadian and U.S. Locks	Canadian Lock	Canadian and U.S. Locks
WELLAND CANAL:						
tons						
Meat and meat preparations .....	-	404	-	-	-	404
Barley .....	-	130,628	-	-	-	130,628
Corn .....	-	140,161	-	-	-	140,161
Oats .....	-	44,043	-	-	-	44,043
Rye .....	-	4,198	-	-	-	4,198
Wheat .....	-	674,456	-	-	-	674,456
Malt .....	-	-	-	-	-	-
Flour, wheat .....	-	20,469	-	-	-	20,469
Cereals, milled, n.e.s. ....	-	11,399	-	-	-	11,399
Beans and peas, dried .....	-	14,531	-	-	-	14,531
Sugar .....	-	-	-	-	-	-
Syrup and molasses .....	-	-	-	-	-	-
Margarine, shortening and lard ....	-	8,271	-	-	-	8,271
Fodder and feed .....	-	28,808	-	-	-	28,808
Foods, beverages, tobacco, n.e.s. ....	-	24,555	-	-	-	24,555
Flaxseed .....	-	19,333	-	-	-	19,333
Soyabeans .....	-	144,372	-	-	-	144,372
Rubber, natural and synthetic .....	-	193	-	-	-	193
Pulpwood .....	-	-	-	-	-	-
Aluminum ore and concentrate .....	-	-	-	-	-	-
Iron ore .....	-	34,912	109,028	-	-	143,940
Iron and steel scrap .....	-	-	3,000	-	-	3,000
Coal, bituminous .....	-	133,899	-	-	-	133,899
Clay and bentonite .....	-	242	-	-	-	242
Sand and gravel .....	-	1,957	7,722	-	-	9,679
Stone, crushed, broken .....	-	-	91,392	-	-	91,392
Salt .....	-	30,876	-	-	-	30,876
Sulphur .....	-	-	-	-	-	-
Crude materials, inedible, n.e.s. ....	-	5,352	-	-	-	5,352
Woodpulp .....	-	-	-	-	-	-
Newsprint paper .....	-	-	21,658	-	-	21,658
Fish and animal oils .....	-	7,304	-	-	-	7,304
Soyabean oil .....	-	-	-	-	-	-
Sodium products .....	-	190	-	-	-	190
Chemicals, related products, n.e.s. ....	-	5,043	-	-	-	5,043
Gasoline .....	-	2,275	2,887	-	-	5,162
Fuel oil .....	-	34,259	23,194	-	-	57,453
Lubricating oils and greases .....	-	3,134	-	-	-	3,134
Coke .....	-	-	-	-	-	-
Tar, pitch and creosote .....	-	5,575	-	-	-	5,575





SUMMARY OF CANAL STATISTICS

December 1963

Commodities	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
<b>WELLAND CANAL - Concluded:</b>									
Petroleum, coal products, n.e.s. ..			17			-			17
Pig iron .....			-			3,958			3,958
Iron and steel: ingot, bar, etc. ..			3			-			3
Steel: plate, sheet and strip .....			330			-			330
Iron and steel, n.e.s. ....			9			-			9
Cement .....			7,353			-			7,353
Machinery, equipment and parts ....			8,649			-			8,649
Motor vehicles and parts .....			3,425			-			3,425
Miscellaneous freight, n.e.s. ....			9,580			917			10,497
Domestic package freight .....			1,867			7,309			9,176
<b>Totals .....</b>			<b>1,562,072</b>			<b>271,065</b>			<b>1,833,137</b>
tons									
<b>ST. LAWRENCE CANALS:</b>									
Meat and meat preparations .....			-	425	425	-			-
Barley .....	71,603		-	-	71,603	-			-
Corn .....	70,212		-	-	70,212	-			-
Oats .....	30,743		-	-	30,743	-			-
Rye .....	4,198		-	-	4,198	-			-
Wheat .....	430,045		-	-	430,045	-			-
Malt .....	-		-	-	-	-			-
Flour, wheat .....	20,469		-	-	20,469	-			-
Cereals, milled, n.e.s. ....	9,349	2,050	11,399	-	-	-	9,349	2,050	11,399
Beans and peas, dried .....	4,091		4,091	-	-	-	4,091		4,091
Sugar .....	-		-	-	-	-	-		-
Syrup and molasses .....	-		-	-	-	-	-		-
Margarine, shortening and lard ....	7,910	361	8,271	-	-	-	7,910	361	8,271
Soyabean oil cake and meal .....	16,615		16,615	-	-	-	16,615		16,615
Fodder and feed, n.e.s. ....	16,291	29	16,320	-	13	13	16,291	42	16,333
Foods, beverages, tobacco, n.e.s. ....	577	24,767	25,344	-	-	-	577	24,767	25,344
Flaxseed .....	15,064		15,064	-	-	-	15,064		15,064
Soyabeans .....	4,374		4,374	-	-	-	4,374		4,374
Rubber, natural and synthetic .....	131	62	193	-	-	-	131	62	193
Pulpwood .....	-		-	-	-	-	-		-
Aluminum ore and concentrates .....	-		-	-	-	-	-		-
Iron ore .....	-		-	109,028	-	109,028	109,028		109,028
Iron and steel scrap .....	-		-	-	-	-	-		-
Coal, bituminous .....	8,547		8,547	16,660		16,660	25,207		25,207
Clay and bentonite .....	242		242	-	-	-	242		242
Petroleum, crude .....	-		-	-	-	-	-		-
Phosphate rock .....	-		-	-	-	-	-		-
Salt .....	12,176		12,176	-	-	-	12,176		12,176
Sulphur .....	-		-	-	-	-	-		-
Crude materials, inedible, n.e.s. ....	8,409	6,347	14,756	-	-	-	8,409	6,347	14,756
Woodpulp .....	-		-	-	-	-	-		-
Newsprint paper .....	-		-	15,557	15,557	-	15,557		15,557
Fish and animal oils .....	7,304		7,304	-	-	-	7,304		7,304
Chemicals and related products ....	172	4,266	4,438	-	105	105	172	4,371	4,543
Gasoline .....	-		-	-	-	-	-		-
Fuel oil .....	-		-	15,215	-	15,215	15,215		15,215
Lubricating oils and greases .....	-	163	163	-	-	-	-	163	163
Coke .....	-		-	-	-	-	-		-
Tar, pitch and creosote .....	5,575		5,575	-	-	-	5,575		5,575
Petroleum and coal products, n.e.s. ....	-	17	17	-	-	-	-	17	17
Pig iron .....	-		-	3,958	-	3,958	3,958		3,958
Iron and steel: ingot, bar, etc. ..	333	440	773	-	-	-	333	440	773
Steel: plate, sheet and strip .....	5	875	880	-	-	-	5	875	880
Iron and steel, n.e.s. ....	238	297	535	321	424	745	559	721	1,280
Machinery, equipment and parts ....	399	8,816	9,215	-	45	45	399	8,861	9,260
Motor vehicles and parts .....	-	3,494	3,494	-	-	-	-	3,494	3,494
Miscellaneous freight, n.e.s. ....	14,274	6,311	20,585	9,558	36	9,594	23,832	6,347	30,179
Domestic package freight .....	8,707		8,707	5,759		5,759	14,466		14,466
<b>Totals .....</b>	<b>768,053</b>	<b>58,720</b>	<b>826,773</b>	<b>160,499</b>	<b>16,180</b>	<b>176,679</b>	<b>928,552</b>	<b>74,900</b>	<b>1,003,452(1)</b>

(1) Includes 1,766 tons of non-toll traffic.