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DOMINION BUREAU OF STATISTICS

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SUMMARY OF CANAL STATISTICS

DECEMBER, 1961

Navigation on the Sault Ste. Marie Canal was officially closed on December 12, on the Welland Canal, December 15, and on the St. Lawrence Canals, November 30. However, the last vessel upbound on the St. Lawrence passed through on December 5 while the Sault Ste. Marie Canal remained open until December 19. Freight transported through all Canadian canals during the month was up nearly 70 per cent, to 831,362 tons from 489,489 in December, 1960. By the close of navigation, a total of 23.7 million tons had been transported through the St. Lawrence canals, compared with 20.8 million in 1960. Traffic through the Welland Canal increased to 31.4 million tons from 29.3. These are preliminary figures subject to revision in the annual Canal Report for 1961.

Sault Ste. Marie Canals - Canadian and United States Locks: With wheat shipments up to 1,011,760 tons from 608,294, total freight cleared through the combined system rose 72.7 per cent to 1,486,314 tons from 860,679 in December, 1960. Iron ore traffic amounted to 201,686 tons whereas in the previous December no ore moved through the canal. Freight through the Canadian lock declined to 21,372 tons from 21,523. Eastbound traffic through both canals rose to 1,425,949 tons from 820,890 with westbound freight up to 60,365 tons from 39,289. Vessel passages during the month totalled 495 as against 497 in December, 1960.

Welland Ship Canal: Total freight carried through the Welland Canal increased 78.9 per cent to 730,163 tons from 408,154 in December 1960. Wheat shipments were up to 316,166 tons from 99,358 and coal to 81,039 tons from 14,150. Total eastbound freight increased 84.6 per cent to 622,350 tons from 337,167 while westbound freight rose 51.9 per cent to 107,813 tons from 70,987. Vessel passages during the month increased to 238 from 175 with registered net tonnage up to 746,117 tons from 342,195.

St. Lawrence Canals: The early closing of navigation on the St. Lawrence Canals reduced freight clearances for December to 16,257 tons as against 22,033 in December, 1960. During the month 120 vessels of 114,888 registered net tons passed through the canals, compared with 74 vessels of 61,921 net tons in the same month last year.

Prepared in the Transportation Section
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SUMMARY OF CANAL STATISTICS

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers (1)	Number of pleasure craft (2)	Tons of freight
<u>December, 1961</u>					
<u>ALL CANADIAN CANALS</u>	540	1,019,400	-	2	831,362
Canso Canal	90	73,801	-	-	63,306
Murray Canal	-	-	-	-	-
Ottawa River Canals	-	-	-	-	-
Richelieu River Canal	4	831	-	-	-
Rideau Canal	-	-	-	-	-
St. Andrew's Canal	-	-	-	-	-
St. Lawrence Canals	120	114,888	-	-	16,257
St. Peter's Canal	12	622	-	1	264
Sault Ste. Marie Canal	76	83,141	-	1	21,372
Trent Canal	-	-	-	-	-
Welland Ship Canal	238	746,117	-	-	730,163
<u>December, 1960</u>					
<u>ALL CANADIAN CANALS</u>	430	492,247	10	3	489,489
Canso Canal	75	47,420	-	-	37,723
Murray Canal	1	11	-	3	-
Ottawa River Canals	-	-	-	-	-
Richelieu River Canal	-	-	-	-	-
Rideau Canal	-	-	-	-	-
St. Andrew's Canal	-	-	-	-	-
St. Lawrence Canals	74	61,921	-	-	22,033
St. Peter's Canal	22	824	-	-	56
Sault Ste. Marie Canal	83	39,876	10	-	21,523
Trent Canal	-	-	-	-	-
Welland Ship Canal	175	342,195	-	-	408,154
<u>SAULT STE. MARIE CANALS:</u>					
<u>December, 1961</u>					
<u>EAST BOUND:</u>					
Canadian Lock	28	13,073	-	1	12,023
Can. & U.S. Locks	262	..	-	1	1,425,949
<u>WEST BOUND:</u>					
Canadian Lock	48	70,068	-	-	9,349
Can. & U.S. Locks	233	..	-	-	60,365
<u>TOTALS:</u>					
Canadian Lock - December, 1961	76	83,141	-	1	21,372
Can. & U.S. Locks - December, 1961	495	..	-	1	1,486,314
Canadian Lock - December, 1960	83	39,876	10	-	21,523
Can. & U.S. Locks - December, 1960	497	..	10	-	860,679
<u>WELLAND SHIP CANAL:</u>					
East Bound	136	406,025	-	-	622,350
West Bound	102	340,092	-	-	107,813
Totals - December, 1961	238	746,117	-	-	730,163
Totals - December, 1960	175	342,195	-	-	408,154
<u>ST. LAWRENCE CANALS:</u>					
East Bound	55	14,746	-	-	7,868
West Bound	65	100,142	-	-	8,389
Totals - December, 1961	120	114,888	-	-	16,257
Totals - December, 1960	74	61,921	-	-	22,033

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



SUMMARY OF CANAL STATISTICS

December, 1961

Commodities	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
tons									
<u>WELLAND SHIP CANAL</u> - Concluded:									
Tar, pitch and creosote	2,759	-	2,759	-	-	-	2,759	-	2,759
Petroleum products, refined, n.e.s.	-	-	-	-	-	-	-	-	-
Pig iron	-	-	-	-	-	-	-	-	-
Iron and steel: ingot, bar, rod and slab	-	-	-	-	-	-	-	-	-
Iron and steel, other	-	-	-	-	-	-	-	-	-
Iron and steel, manufactured	-	-	-	-	-	-	-	-	-
Cement	-	-	-	-	-	-	-	-	-
Motor vehicles	-	-	-	-	-	-	-	-	-
Manufactures and miscellaneous, other	2,884	-	2,884	1,915	24	1,939	4,799	24	4,823
Domestic package freight	5,265	-	5,265	8,160	-	8,160	13,425	-	13,425
Totals	622,350	-	622,350	96,321	11,492	107,813	718,671	11,492	730,163
<u>ST. LAWRENCE CANALS:</u>									
Meat and Meat preparations	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Corn	2,683	-	2,683	-	-	-	2,683	-	2,683
Oats	-	-	-	-	-	-	-	-	-
Rye	-	-	-	-	-	-	-	-	-
Wheat	4,655	-	4,655	-	-	-	4,655	-	4,655
Malt	-	-	-	-	-	-	-	-	-
Flour, wheat	-	-	-	-	-	-	-	-	-
Cereals, milled, n.e.s.	-	-	-	-	-	-	-	-	-
Beans and peas	-	-	-	-	-	-	-	-	-
Sugar	-	-	-	-	-	-	-	-	-
Syrup and molasses	-	-	-	-	-	-	-	-	-
Soyabean oil cake and meal	-	-	-	-	-	-	-	-	-
Animal feeds	-	-	-	-	-	-	-	-	-
Foods, feeds, beverages and tobacco, n.e.s.	-	-	-	-	-	-	-	-	-
Flaxseed	-	-	-	-	-	-	-	-	-
Soyabeans	-	-	-	-	-	-	-	-	-
Rubber, natural and synthetic	-	-	-	-	-	-	-	-	-
Pulpwood	-	-	-	-	-	-	-	-	-
Aluminum ore and concentrates	-	-	-	-	-	-	-	-	-
Iron ore	-	-	-	-	-	-	-	-	-
Iron and steel scrap	-	-	-	-	-	-	-	-	-
Coal, bituminous	-	-	-	-	-	-	-	-	-
Sand and gravel	-	-	-	-	-	-	-	-	-
Petroleum, crude	-	-	-	-	-	-	-	-	-
Phosphate rock	-	-	-	-	-	-	-	-	-
Salt	-	-	-	-	-	-	-	-	-
Sulphur	-	-	-	-	-	-	-	-	-
Crude materials, inedible, n.e.s.	-	-	-	-	-	-	-	-	-
Woodpulp	-	-	-	-	-	-	-	-	-
Newsprint paper	-	-	-	2,184	-	2,184	-	2,184	2,184
Chemicals, n.e.s.	-	-	-	-	-	-	-	-	-
Gasoline	-	-	-	-	-	-	-	-	-
Fuel oil	-	-	-	-	-	-	-	-	-
Lubricating oils and greases	-	-	-	-	-	-	-	-	-
Coke	-	-	-	-	-	-	-	-	-
Tar, pitch and creosote	-	-	-	-	-	-	-	-	-
Petroleum products, refined, n.e.s.	-	-	-	-	-	-	-	-	-
Pig iron	-	-	-	-	-	-	-	-	-
Iron and steel: ingot, bar, rod and slab	-	-	-	-	-	-	-	-	-
Iron and steel, other	-	-	-	-	-	-	-	-	-
Iron and steel, manufactured	-	-	-	-	-	-	-	-	-
Motor vehicles	-	-	-	-	-	-	-	-	-
Manufactures and miscellaneous, other	530	-	530	442	50	492	972	50	1,022
Domestic package freight	-	-	-	5,713	-	5,713	5,713	-	5,713
Totals	7,868	-	7,868	6,155	2,234	8,389	14,023	2,234	16,257(1)

(1) Includes 786 tons of non-toll traffic.