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MONTHLY

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

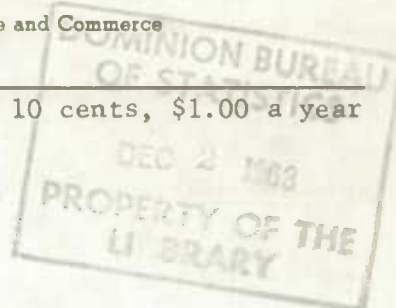
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SUMMARY OF CANAL STATISTICS

SEPTEMBER 1963



Total freight moved through Canadian canals increased 18.1 per cent, to 9,722,530 tons from 8,231,891 tons moved in September, 1962. This increase was mainly attributable to greater movement of wheat and iron ore. More freight moved through the St. Lawrence Canal, Welland Canal, Sault Ste. Marie Canal, and four of the smaller canals. Although vessel passages through all canals declined to 2,919 from 2,983, the registered net tonnage of these vessels rose 3.1 per cent, to 7,386,152 tons from 7,166,260 tons. Pleasure craft lockages remained the same at 15,362, but the number of passengers dropped to 16,083 from 18,107.

Sault Ste. Marie Canals - Canadian and United States Locks: The total volume of freight moved through the combined system increased 7.3 per cent, to 12,229,897 tons from 11,393,965 tons moved in the same month last year. Freight moved through the Canadian lock rose slightly, to 121,372 tons from 118,748 tons. The movement of eastbound freight rose to 10,615,494 tons from 9,834,160 tons, while westbound freight increased to 1,614,403 tons from 1,559,805 tons. Vessel passages numbered 2,232, compared to 2,200.

Welland Canal: Total freight transported through the Welland Canal rose 19.6 per cent, to 5,374,281 tons from 4,493,361 tons transported in September, 1962. Wheat shipments increased to 1,088,243 tons from 639,618 tons. Iron ore shipments increased to 1,726,162 tons from 1,416,964 tons. The movement of eastbound freight was up by 18.9 per cent, to 3,595,909 tons from 3,024,492 tons, while the movement of westbound freight increased 21.1 per cent, to 1,778,372 tons from 1,468,869 tons. During the month a total of 955 vessels of 4,033,723 registered net tons passed through the Canal, compared with 979 vessels of 3,774,484 tons.

St. Lawrence Canals: The total volume of freight moved through the St. Lawrence Canals increased 16.4 per cent, to 4,045,247 tons from 3,475,853 tons in the previous September. Wheat shipments increased to 1,052,473 tons from 638,413 tons. Iron ore shipments increased to 1,168,004 tons from 844,360 tons. The movement of eastbound freight rose 21.7 per cent, to 2,239,635 tons from 1,840,840 tons, while the movement of westbound freight increased 10.4 per cent, to 1,805,612 tons from 1,635,013 tons. The number of vessel passages dropped to 997 from 1,156, and the registered net tonnage of these vessels declined to 2,872,668 tons from 2,909,361 tons.

Prepared in the Transportation Section
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November 1963
8504-517

SUMMARY OF CANAL STATISTICS

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft(1)	Tons of freight
<u>September 1963</u>					
<u>ALL CANADIAN CANALS</u>	2,919	7,386,152	16,083	15,362	9,722,530
Canso Canal	134	160,036	-	1	165,097
Murray Canal	18	790	-	14	-
Ottawa River Canals	99	6,544	230	1,173	2,183
Richelieu River Canal	109	16,383	-	352	13,215
Rideau Canal	5	149	12(2)	4,140	-
St. Andrew's Canal	70	3,370	82(3)	265	1,043
St. Lawrence Canals	997	2,872,668	1,861	174	4,045,247
St. Peter's Canal	40	784	-	12	83
Sault Ste. Marie Canal	486	291,624	13,103	72	121,372
Trent Canal	6	81	-(4)	9,096	9
Welland Canal	955	4,033,723	795	63	5,374,281
<u>September 1962</u>					
<u>ALL CANADIAN CANALS</u>	2,983	7,166,260	18,107	15,362	8,231,891
Canso Canal	162	126,020	8	32	131,589
Murray Canal	32	1,902	-	244	-
Ottawa River Canals	7	1,330	-	1,582	150
Richelieu River Canal	93	13,787	-	24	11,161
Rideau Canal	16	632	25	4,402	-
St. Andrew's Canal	75	4,375	110	247	886
St. Lawrence Canals	1,156	2,909,361	1,929	192	3,475,853
St. Peter's Canal	60	1,381	9	7	134
Sault Ste. Marie Canal	399	332,944	14,809	65	118,748
Trent Canal	4	44	-	8,500	9
Welland Canal	979	3,774,484	1,217	67	4,493,361
<u>SAULT STE. MARIE CANALS:</u>					
<u>September 1963</u>					
<u>East Bound:</u>					
Canadian Lock	340	147,629	11,873	36	91,969
Can. & U.S. Locks	1,132	..	13,239	..	10,615,494
<u>West Bound:</u>					
Canadian Lock	146	143,995	1,230	36	29,403
Can. & U.S. Locks	1,100	..	11,712	..	1,614,403
<u>Totals:</u>					
Canadian Lock - September 1963	486	291,624	13,103	72	121,372
Can. & U.S. Locks - September 1963	2,232	..	24,951	..	12,229,897
Canadian Lock - September 1962	399	332,944	14,809	65	118,748
Can. & U.S. Locks - September 1962	2,200	..	27,790	..	11,393,965
<u>WELLAND CANAL:</u>					
East Bound	460	2,011,281	396	31	3,595,909
West Bound	495	2,022,442	399	32	1,778,372
Totals - September 1963	955	4,033,723	795	63	5,374,281
Totals - September 1962	979	3,774,484	1,217	67	4,493,361
<u>ST. LAWRENCE CANALS:</u>					
East Bound	504	1,486,472	956	89	2,239,635
West Bound	493	1,386,196	905	85	1,805,612
Totals - September 1963	997	2,872,668	1,861	174	4,045,247
Totals - September 1962	1,156	2,909,361	1,929	192	3,475,853

(1) One pleasure craft through one lock station recorded as "1".

(2) Exclusive of 1,810 paying passengers on sightseeing pleasure boat cruises and 11,966 passengers carried in pleasure craft. (1,653 and 13,103 in 1962).

(3) Excludes 820 passengers carried in pleasure craft.

(4) 31,279 passengers carried in small boats (.. in 1962).

.. Figures not available.

SUMMARY OF CANAL STATISTICS

September 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:						
Barley	4,768	222,077	-	-	4,768	222,077
Corn	-	65,905	-	3,360	-	69,265
Oats	3,652	113,103	-	-	3,652	113,103
Rye	-	34,503	-	-	-	34,503
Wheat	2,735	1,176,318	-	2,352	2,735	1,178,670
Flour, wheat	2,828	12,190	-	-	2,828	12,190
Cereals, milled, n.e.s.	-	44,583	-	3,352	-	47,935
Foods, beverages, tobacco, n.e.s.	11,164	11,164	145	145	11,309	11,309
Flaxseed	-	38,527	-	-	-	38,527
Pulpwood, lumber and logs	-	25,466	743	743	743	26,209
Iron ore	-	8,664,961	-	-	-	8,664,961
Iron and steel scrap	-	19,529	-	-	-	19,529
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	-	-	-	1,141,828	-	1,141,828
Sand, gravel and stone	21,810	21,810	-	228,667	21,810	250,477
Paper and woodpulp	19,388	33,481	-	-	19,388	33,481
Gasoline	2,349	7,296	11,988	25,955	14,337	33,251
Fuel oil	-	-	8,723	58,648	8,723	58,648
Petroleum products, other	1,693	1,693	-	-	1,693	1,693
Pig iron	379	18,567	609	609	988	19,176
Iron and steel, manufactured	14,262	46,211	20	12,344	14,282	58,555
Cement	-	-	-	33,388	-	33,388
Motor vehicles	-	-	-	-	-	-
Miscellaneous freight, n.e.s.	-	-	417	417	417	417
Domestic package freight	6,941	58,110	6,758	102,595	13,699	160,705
Totals	91,969	10,615,494	29,403	1,614,403	121,372	12,229,897

Commodities	East Bound	West Bound	Total
	tons		
WELLAND CANAL:			
Meat and meat preparations	3,829	204	4,033
Barley	175,182	6,809	181,991
Corn	229,384	-	229,384
Oats	83,940	-	83,940
Rye	40,502	-	40,502
Wheat	1,088,243	-	1,088,243
Malt	3,728	-	3,728
Flour, wheat	46,613	-	46,613
Cereals, milled, n.e.s.	13,492	-	13,492
Beans and peas, dried	8,035	-	8,035
Sugar	-	6,063	6,063
Syrup and molasses	-	14,768	14,768
Margarine, shortening and lard	9,417	-	9,417
Fodder and feed	69,774	188	69,962
Foods, beverages, tobacco, n.e.s.	38,261	14,472	52,733
Flaxseed	13,918	-	13,918
Soyabeans	98,022	-	98,022
Rubber, natural and synthetic	3,844	7,738	11,582
Pulpwood	13,712	35,906	49,618
Aluminum ore and concentrate	-	16,565	16,565
Iron ore	528,423	1,197,739	1,726,162
Iron and steel scrap	22,121	-	22,121
Coal, bituminous	695,732	-	695,732
Clay and bentonite	22,744	2,590	25,334
Sand and gravel	9,101	2,176	11,277
Stone, crushed, broken	6,246	100,782	107,028
Salt	82,136	-	82,136
Sulphur	-	19,223	19,223
Crude materials, inedible, n.e.s.	12,015	19,873	31,888
Woodpulp	240	6,049	6,289
Newsprint paper	-	58,102	58,102
Fish and animal oils	17,062	-	17,062
Soybean oil	11,518	-	11,518
Sodium products	12,415	102	12,517
Chemicals, related products, n.e.s.	21,344	28,623	49,967
Gasoline	5,852	11,596	17,448
Fuel oil	53,837	34,056	87,893
Lubricating oils and greases	6,919	19,701	26,620
Coke	28,134	-	28,134
Tar, pitch and creosote	6,975	7,333	14,308



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SUMMARY OF CANAL STATISTICS

September 1963

Commodities	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLAND CANAL - Concluded:									
	tons								
Petroleum, coal products, n.e.s.			196			4			200
Pig iron			-			15,097			15,097
Iron and steel: ingot, bar, etc.			1,925			18,066			19,991
Steel: plate, sheet and strip			4,527			17,052			21,579
Iron and steel, n.e.s.			611			40,996			41,607
Cement			20,739			20			20,759
Machinery, equipment and parts			8,774			5,490			14,264
Motor vehicles and parts			9,039			5,809			14,848
Miscellaneous freight, n.e.s.			21,274			38,447			59,721
Domestic package freight			46,114			26,733			72,847
Totals			3,595,909			1,778,372			5,374,281
	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
ST. LAWRENCE CANALS:									
	tons								
Meat and meat preparations			-			4,033			4,033
Barley			153,249			-			153,249
Corn			203,018			-			203,018
Oats			71,660			-			71,660
Rye			39,998			-			39,998
Wheat			1,045,473			7,000			1,052,473
Malt			3,728			-			3,728
Flour, wheat			47,090			-			47,090
Cereals, milled, n.e.s.			13,180			312			13,492
Beans and peas, dried			8,035			-			8,035
Sugar			-			11,842			11,842
Syrup and molasses			-			-			-
Margarine, shortening and lard			8,225			1,192			9,417
Soybean oil cake and meal			31,028			-			31,028
Fodder and feed, n.e.s.			53,708			1,432			55,140
Foods, beverages, tobacco, n.e.s.			789			40,047			40,836
Flaxseed			12,524			-			12,524
Soybeans			73,514			-			73,514
Rubber, natural and synthetic			671			3,243			3,914
Pulpwood			-			40,792			40,792
Aluminum ore and concentrates			-			16,565			16,565
Iron ore			-			1,168,004			1,168,004
Iron and steel scrap			32,368			-			32,368
Coal, bituminous			70,788			35,784			106,572
Clay and bentonite			22,727			17			22,744
Petroleum, crude			-			18,924			18,924
Phosphate rock			-			-			-
Salt			61,789			-			61,789
Sulphur			-			19,223			19,223
Crude materials, inedible, n.e.s.			4,684			12,944			17,628
Woodpulp			240			-			240
Newsprint paper			-			334			334
Fish and animal oils			16,512			-			16,512
Chemicals and related products			6,495			17,683			24,178
Gasoline			6,219			-			6,219
Fuel oil			-			115,714			115,714
Lubricating oils and greases			1,197			211			1,408
Coke			28,134			-			28,134
Tar, pitch and creosote			-			662			662
Petroleum and coal products, n.e.s.			1,777			196			1,973
Pig iron			-			15,097			15,097
Iron and steel: ingot, bar, etc.			-			2,127			2,127
Steel: plate, sheet and strip			501			9,717			10,218
Iron and steel, n.e.s.			-			11,779			11,779
Machinery, equipment and parts			120			9,274			9,394
Motor vehicles and parts			-			9,106			9,106
Miscellaneous freight, n.e.s.			9,809			19,777			29,586
Domestic package freight			66,961			-			66,961
Totals			2,096,211			143,424			2,239,635
						1,574,016			231,596
						1,805,612			3,670,227
									375,020
									4,045,247(1)

(1) Includes 20,130 tons of non-toll traffic.