



SUMMARY OF CANAL STATISTICS

APRIL, 1959

April statistics relate to the period between the opening of navigation on the various canals and the end of the month. In 1959, opening dates for the three major canals or canal systems, which are the connecting links of the St. Lawrence Seaway, were later than in the previous year. The Sault Ste. Marie lock opened April 13th as compared with April 8th a year earlier; the Welland opened April 6th as against April 1st; and the St. Lawrence system began operating April 25th, eleven days later than in 1958.

As tolls are being levied for use of the facilities of the St. Lawrence and Welland canals for the first time, commodities transported through these canals are shown according to the toll assessed - bulk or general.

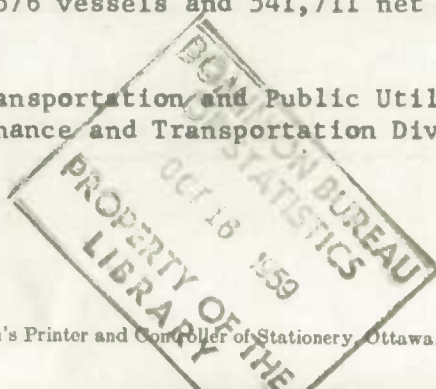
Freight transported through all Canadian canals during April declined 21 per cent to 1,667,595 tons from 2,117,417 in April, 1958. Vessel passages dropped to 928 from 1,518 and the net registered tonnage to 1,621,252 from 2,126,089.

Sault Ste. Marie Canals - Canadian and United States Locks: Freight carried through the Canadian lock amounted to 32,262 tons as compared with 69,647 tons in the previous year. East bound shipments dropped to 13,419 tons from 45,416 and west-bound shipments to 18,843 tons from 24,231. The amount of freight carried through the combined system, however, rose to 3,219,410 tons from 1,137,537 due largely to increased shipments of iron ore and bituminous coal.

Welland Ship Canal: Total freight carried through the Welland Canal declined to 1,130,702 tons from 1,371,702 in April 1958, down 17.6 per cent. East bound shipments of grain were down as wheat dropped to 179,299 tons from 197,688 and barley to 36,424 tons from 140,252, while bituminous coal shipments declined to 463,339 tons from 558,934. West bound shipments of iron ore, however, rose to 114,261 tons from 61,738. Total vessel passages through the canal numbered 386 with a registered net tonnage of 1,125,695 as compared with 593 vessels of 1,363,350 net tons in April 1958.

St. Lawrence Canals: With the opening of navigation eleven days later than in the previous year, freight carried through the St. Lawrence canals in April dropped 21 per cent to 467,386 tons from 592,585 in April 1958. The largest decreases were in eastbound shipments of wheat, down to 157,785 tons from 232,124, and barley, down to 17,988 tons from 72,204. Vessel passages totalled 353 with a net registered tonnage of 386,915 as against 576 vessels and 541,711 net tons in April 1958.

Prepared in the Transportation and Public Utilities Section
Public Finance and Transportation Division.



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	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight
APRIL, 1959					
<u>ALL CANADIAN CANALS</u>	928	1,621,252	20	-	1,667,595
Canso Canal	51	23,425	-	-	33,067
Murray Canal	21	1,099	-	-	-
Ottawa River Canals	-	-	-	-	-
Richelieu River Canal	29	4,844	-	-	4,159
Rideau Canal	-	-	-	-	-
St. Andrew's Canal	-	-	-	-	-
St. Lawrence Canals	353	386,915	6	-	467,386
St. Peter's Canal	39	527	-	-	19
Sault Ste. Marie Canal	49	78,747	8	-	32,262
Trent Canal	-	-	-	-	-
Welland Ship Canal	386	1,125,695	6	-	1,130,702
APRIL, 1958					
<u>ALL CANADIAN CANALS</u>	1,518	2,126,089	4	17	2,117,417
Canso Canal	112	58,247	-	-	72,526
Murray Canal	5	845	-	3	33
Ottawa River Canals	-	-	-	8	-
Richelieu River Canal	40	7,128	-	-	10,683
Rideau Canal	-	-	-	-	-
St. Andrew's Canal	-	-	-	-	-
St. Lawrence Canals	576	541,711	-	4	592,585
St. Peter's Canal	74	2,132	-	-	241
Sault Ste. Marie Canal	118	152,676	4	2	69,647
Trent Canal	-	-	-	-	-
Welland Ship Canal	593	1,363,350	-	-	1,371,702
APRIL, 1959					
<u>SAULT STE. MARIE CANALS</u>					
<u>EASTBOUND</u>					
Canadian Lock	13	14,443	-	-	13,419
Can. & U.S. Locks	258	1,312,795	-	-	2,784,512
<u>SAULT STE. MARIE CANALS</u>					
<u>WESTBOUND</u>					
Canadian Lock	36	64,304	8	-	18,843
Can. & U.S. Locks	338	1,656,709	8	-	434,898
<u>SAULT STE. MARIE CANALS</u>					
<u>TOTAL</u>					
Canadian Lock - April, 1959	49	78,747	8	-	32,262
Can. & U.S. Lock - April, 1959	596	2,969,504	8	-	3,219,410
Canadian Lock - April, 1958	118	152,676	4	2	69,647
Can. & U.S. Lock - April, 1958	412	1,230,416	19	2	1,137,537
<u>WELLAND SHIP CANAL</u>					
East Bound	143	474,764	-	-	807,338
West Bound	243	650,931	6	-	323,364
Total - April, 1959	386	1,125,695	6	-	1,130,702
Total - April, 1958	593	1,363,350	-	-	1,371,702
<u>ST. LAWRENCE CANALS</u>					
Eastbound	171	157,677	-	-	266,133
West Bound	182	229,238	6	-	201,253
Total - April, 1959	353	386,915	6	-	467,386
Total - April, 1958	576	541,711	-	4	592,585

SUMMARY OF CANAL STATISTICS

COMMODITIES	EAST BOUND		WEST BOUND		T O T A L	
	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:						
Wheat	-	373,674	-	-	-	373,674
Barley	-	51,961	-	-	-	51,961
Oats	-	25,185	-	-	-	25,185
Flour	-	2,141	-	-	-	2,141
Products of Agriculture - other	-	15,790	-	-	-	15,790
Cement	-	-	-	15,370	-	15,370
Coal, bituminous	-	-	3,019	319,418	3,019	319,418
Iron ore	-	2,261,586	-	-	-	2,261,586
Manufactured iron and steel	6,888	40,247	80	8,965	6,968	49,212
Sand, gravel and stone	-	-	2,956	52,369	2,956	52,369
Gasoline	-	-	-	6,898	-	6,898
Fuel, road and petroleum residual oils	-	-	7,057	12,301	7,057	12,301
Motor vehicles	-	-	39	181	39	181
Paper and wood pulp	6,531	6,531	-	-	6,531	6,531
Manufactures and miscellaneous other	-	7,397	5,692	19,396	5,692	26,793
TOTAL	13,419	2,784,512	18,843	434,898	32,262	3,219,410

	EAST BOUND			WEST BOUND			T O T A L		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLAND SHIP CANAL:									
Wheat	179,299	-	179,299	-	-	-	179,299	-	179,299
Corn	6,731	-	6,731	-	-	-	6,731	-	6,731
Oats	5,811	-	5,811	-	-	-	5,811	-	5,811
Barley	36,424	-	36,424	-	-	-	36,424	-	36,424
Soybeans	30,294	-	30,294	-	-	-	30,294	-	30,294
Flaxseed	2,447	-	2,447	-	-	-	2,447	-	2,447
Products of Agriculture - other	-	-	-	-	114	114	-	114	114
Fish and sea animal oil	-	-	-	1,615	-	1,615	1,615	-	1,615
Animals and products - other	-	-	-	-	433	433	-	433	433
Coal, bituminous	463,339	-	463,339	-	-	-	463,339	-	463,339
Iron ore	-	-	-	114,261	-	114,261	114,261	-	114,261
Ores and concentrates - other	-	-	-	873	-	873	873	-	873
Gravel and sand	-	-	-	6,182	-	6,182	6,182	-	6,182
Stone, rough	-	-	-	160	-	160	160	-	160
Products of mines - other	-	-	-	-	682	682	-	682	682
Pulpwood	-	-	-	869	-	869	869	-	869
Products of forests - other	-	-	-	-	435	435	-	435	435
Gasoline	5,070	-	5,070	18,180	-	18,180	23,250	-	23,250
Fuel, road and petroleum residual oils	35,449	-	35,449	17,795	-	17,795	53,244	-	53,244
Lubricating oils and greases	3,366	-	3,366	6,089	-	6,089	9,455	-	9,455
Petroleum products, refined - other	12,115	-	12,115	-	-	-	12,115	-	12,115
Chemicals - other	2,992	-	2,992	3,580	315	3,895	6,572	315	6,887
Tar, pitch and creosote	-	-	-	2,638	-	2,638	2,638	-	2,638
Iron, pig	-	-	-	6,394	-	6,394	6,394	-	6,394
Iron and steel - bar, rod and slab	-	-	-	-	9,312	9,312	-	9,312	9,312
Iron and steel - other	-	4,114	4,114	-	24,372	24,372	-	28,486	28,486
Manufactured iron and steel	-	-	-	-	6,499	6,499	-	6,499	6,499
Automobiles - Passenger	-	-	-	-	5,963	5,963	-	5,963	5,963
Cement	6,133	-	6,133	2,912	-	2,912	9,045	-	9,045
Wood pulp	-	-	-	783	-	783	783	-	783
Newsprint paper	-	-	-	-	36,606	36,606	-	36,606	36,606
Scrap iron and steel	9,826	-	9,826	2,893	-	2,893	12,719	-	12,719
Domestic Package freight	3,928	-	3,928	15,047	-	15,047	18,975	-	18,975
Manufactures and miscellaneous - other	-	-	-	-	38,362	38,362	-	38,362	38,362
TOTAL	803,224	4,114	807,338	200,271	123,093	323,364	1,003,495	127,207	1,130,702



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COMMODITIES	EAST BOUND			WEST BOUND			TOTAL		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
ST. LAWRENCE CANALS:									
Wheat	157,785	-	157,785	-	-	-	157,785	-	157,785
Corn	6,731	-	6,731	-	-	-	6,731	-	6,731
Oats	3,520	-	3,520	-	-	-	3,520	-	3,520
Barley	17,988	-	17,988	-	-	-	17,988	-	17,988
Flour, wheat	-	-	-	-	4	4	-	4	4
Soybeans	11,317	-	11,317	-	-	-	11,317	-	11,317
Flaxseed	3,463	-	3,463	-	-	-	3,463	-	3,463
Products of Agriculture - other	4,495	-	4,495	-	893	893	4,495	893	5,388
Fish and sea animal oil	-	-	-	1,615	-	1,615	1,615	-	1,615
Animals and Products - other	-	-	-	-	483	483	-	483	483
Coal, bituminous	24,819	-	24,819	3,198	-	3,198	28,017	-	28,017
Iron ore	-	-	-	40,424	-	40,424	40,424	-	40,424
Ores and concentrates - other	-	-	-	873	-	873	873	-	873
Products of mines - other	-	-	-	2,591	890	3,481	2,591	890	3,481
Pulpwood	-	-	-	869	-	869	869	-	869
Products of forests - other	-	-	-	-	755	755	-	755	755
Gasoline	7,304	-	7,304	-	-	-	7,304	-	7,304
Fuel, road and petroleum residual oils	4,492	-	4,492	7,127	-	7,127	11,619	-	11,619
Petroleum products, refined - other	5,933	-	5,933	-	-	-	5,933	-	5,933
Chemicals	2,604	-	2,604	-	834	834	2,604	834	3,438
Iron, pig	-	-	-	6,394	-	6,394	6,394	-	6,394
Iron and steel - bar, rod and slab	-	-	-	-	9,312	9,312	-	9,312	9,312
Iron and steel - other	-	4,114	4,114	-	29,825	29,825	-	33,939	33,939
Manufactured iron and steel	-	55	55	-	6,584	6,584	-	6,639	6,639
Automobiles - Passenger	-	-	-	-	6,230	6,230	-	6,230	6,230
Wood pulp	-	-	-	783	-	783	783	-	783
Newsprint paper	-	-	-	-	18,037	18,037	-	18,037	18,037
Sugar	-	-	-	1,059	-	1,059	1,059	-	1,059
Scrap iron and steel	-	-	-	2,893	-	2,893	2,893	-	2,893
Domestic package freight	9,896	-	9,896	9,841	-	9,841	19,737	-	19,737
Manufactures and miscellaneous - other	-	1,617	1,617	-	49,739	49,739	-	51,356	51,356
TOTAL	260,347	5,786	266,133	77,667	123,586	201,253	338,014	129,372	467,386