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SUMMARY OF CANAL STATISTICS

OCTOBER 1963

Total freight transported through Canadian canals increased 6.4 per cent, to 9,876,497 tons from 9,285,929 tons transported in October, 1962. This increase was mainly due to greater movement of wheat and iron ore. More freight moved through the St. Lawrence Canal, Welland Canal, and two of the smaller canals. Although vessel passages through all canals declined to 2,684 from 2,904, the registered net tonnage of these vessels rose 2.0 per cent, to 7,594,181 tons from 7,444,953 tons. Pleasure craft lockages increased to 3,675 from 2,462, and the number of passengers rose to 3,497 from 3,402.

Sault Ste. Marie Canals - Canadian and United States Locks: The total volume of freight moved through the combined system increased 19.8 per cent, to 12,035,661 tons from 10,046,906 tons moved in the same month last year. Freight moved through the Canadian lock dropped to 125,008 tons from 141,953 tons. The movement of eastbound freight rose to 10,354,052 tons from 8,640,216 tons, while westbound freight increased to 1,681,609 tons from 1,406,690 tons. Vessel passages numbered 1,965, compared to 1,896.

Welland Canal: Total freight transported through the Welland Canal rose 6.3 per cent, to 5,333,301 tons from 5,018,284 tons transported in October, 1962. Wheat shipments increased to 1,245,740 tons from 770,544 tons. Iron ore shipments increased to 1,475,844 tons from 1,214,423 tons. Bituminous coal shipments decreased to 591,384 tons from 812,459 tons. The movement of eastbound freight was up by 3.7 per cent, to 3,624,985 tons from 3,496,945 tons, while the movement of westbound freight increased 12.3 per cent, to 1,708,316 tons from 1,521,339 tons. During the month a total of 997 vessels of 4,107,210 registered net tons passed through the Canal, compared with 1,116 vessels of 3,989,382 tons.

St. Lawrence Canals: The total volume of freight moved through the St. Lawrence Canals increased 7.8 per cent, to 4,231,641 tons from 3,927,272 tons in the previous October. Wheat shipments increased to 1,246,024 tons from 755,559 tons. Iron ore shipments increased to 985,527 tons from 760,779 tons. The movement of eastbound freight rose 8.8 per cent, to 2,450,753 tons from 2,252,760 tons, while the movement of westbound freight increased 6.4 per cent, to 1,780,888 tons from 1,674,512 tons. The number of vessel passages dropped to 1,020 from 1,135, and the registered net tonnage of these vessels declined to 2,951,342 tons from 2,985,636 tons.

Prepared in the Transportation Section
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8504-517

SUMMARY OF CANAL STATISTICS

October 1963

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft(1)	Tons of freight
<u>October 1963</u>					
ALL CANADIAN CANALS	2,684	7,594,181	3,497	3,675	9,876,497
Canso Canal	132	128,858	-	-	168,793
Murray Canal	4	149	-	60	-
Ottawa River Canals	33	3,113	22	416	1,468
Richelieu River Canal	105	17,588	-	81	15,705
Rideau Canal	14	1,100	2(2)	939	-
St. Andrew's Canal	65	3,436	76(3)	111	566
St. Lawrence Canals	1,020	2,951,342	101	48	4,231,641
St. Peter's Canal	18	314	-	2	3
Sault Ste. Marie Canal	290	381,005	3,260	33	125,008
Trent Canal	6	66	-(4)	1,966	12
Welland Canal	997	4,107,210	36	19	5,333,301
<u>October 1962</u>					
ALL CANADIAN CANALS	2,904	7,444,953	3,402	2,462	9,285,929
Canso Canal	144	127,703	-	14	179,608
Murray Canal	9	2,100	-	39	350
Ottawa River Canals	-	-	-	302	-
Richelieu River Canal	104	18,194	-	10	17,482
Rideau Canal	9	243	-	777	-
St. Andrew's Canal	65	4,034	51	107	927
St. Lawrence Canals	1,135	2,985,636	209	30	3,927,272
St. Peter's Canal	26	845	15	-	49
Sault Ste. Marie Canal	293	316,783	2,981	15	141,953
Trent Canal	3	33	-	1,160	4
Welland Canal	1,116	3,989,382	146	8	5,018,284
<u>October 1963</u>					
SAULT STE. MARIE CANALS:					
<u>East Bound:</u>					
Canadian Lock	162	155,428	3,038	16	85,588
Can. & U.S. Locks	991	..	3,251	..	10,354,052
<u>West Bound:</u>					
Canadian Lock	128	225,577	222	17	39,420
Can. & U.S. Locks	974	..	3,223	..	1,681,609
<u>Totals:</u>					
Canadian Lock - October 1963	290	381,005	3,260	33	125,008
Can. & U.S. Locks - October 1963	1,965	..	6,474	..	12,035,661
Canadian Lock - October 1962	293	316,783	2,981	15	141,953
Can. & U.S. Locks - October 1962	1,896	..	5,959	15	10,046,906
<u>WELLAND CANAL:</u>					
East Bound	491	2,005,254	25	8	3,624,985
West Bound	506	2,101,956	11	11	1,708,316
Totals - October 1963	997	4,107,210	36	19	5,333,301
Totals - October 1962	1,116	3,989,382	146	8	5,018,284
<u>ST. LAWRENCE CANALS:</u>					
East Bound	500	1,432,525	56	24	2,450,753
West Bound	520	1,518,817	45	24	1,780,888
Totals - October 1963	1,020	2,951,342	101	48	4,231,641
Totals - October 1962	1,135	2,985,636	209	30	3,927,272

(1) One pleasure craft through one lock station recorded as "1".
 (2) Exclusive of 635 paying passengers on sightseeing pleasure boat cruises and 2,714 passengers carried in pleasure craft (1,871 passengers in 1962).
 (3) Excludes 304 passengers in pleasure craft.
 (4) 6,643 passengers carried in small boats (4,023 in 1962).
 .. Figures not available.

SUMMARY OF CANAL STATISTICS

October 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	1,734	243,612	-	-	1,734	243,612
Corn	-	5,947	-	-	-	5,947
Oats	1,526	149,623	-	-	1,526	149,623
Rye	-	34,495	-	-	-	34,495
Wheat	6,713	1,409,938	-	-	6,713	1,409,938
Flour, wheat	-	11,850	-	252	-	12,102
Cereals, milled, n.e.s.	5,522	48,981	-	2,240	5,522	51,221
Foods, beverages, tobacco, n.e.s.	10,751	10,751	71	71	10,822	10,822
Flaxseed	-	58,459	-	-	-	58,459
Pulpwood, lumber and logs	-	8,819	600	600	600	9,419
Iron ore	-	8,124,857	-	13,283	-	8,138,140
Iron and steel scrap	-	32,473	-	13,473	-	45,946
Coal, anthracite	-	-	-	29,790	-	29,790
Coal, bituminous	-	-	3,021	1,210,714	3,021	1,210,714
Sand, gravel and stone	7,290	7,290	-	118,362	7,290	125,652
Paper and woodpulp	18,813	38,051	-	-	18,813	38,051
Gasoline	-	9,589	5,164	19,034	5,164	28,623
Fuel oil	5,146	15,185	20,758	115,839	25,904	131,024
Petroleum products, other	-	-	-	-	-	-
Pig iron	503	53,242	-	-	503	53,242
Iron and steel, manufactured	22,610	44,686	-	27,635	22,610	72,321
Cement	-	-	-	29,768	-	29,768
Motor vehicles	-	-	-	1,006	-	1,006
Miscellaneous freight, n.e.s.	1,425	42,649	1,776	91,512	3,201	134,161
Domestic package freight	3,555	3,555	8,030	8,030	11,585	11,585
Totals	85,588	10,354,052	39,420	1,681,609	125,008	12,035,661

Commodities	East Bound	West Bound	Total
	Tons		
WELLAND CANAL:			
Meat and meat preparations	3,132	407	3,539
Barley	164,916	5,411	170,327
Corn	218,576	-	218,576
Oats	77,942	-	77,942
Rye	38,975	-	38,975
Wheat	1,245,740	-	1,245,740
Malt	7,520	-	7,520
Flour, wheat	24,949	-	24,949
Cereals, milled, n.e.s.	11,433	62	11,495
Beans and peas, dried	75,197	-	75,197
Sugar	-	-	-
Syrup and molasses	2,299	34,894	37,193
Margarine, shortening and lard	5,224	-	5,224
Fodder and feed	38,136	47	38,183
Foods, beverages, tobacco, n.e.s.	42,175	24,030	66,205
Flaxseed	49,490	-	49,490
Soyabeans	120,990	2,179	123,169
Rubber, natural and synthetic	2,019	10,523	12,542
Pulpwood	-	4,404	4,404
Aluminum ore and concentrate	-	16,113	16,113
Iron ore	482,776	993,068	1,475,844
Iron and steel scrap	78,425	-	78,425
Coal, bituminous	591,384	-	591,384
Clay and bentonite	26,870	2,226	29,096
Sand and gravel	9,622	9,862	19,484
Stone, crushed, broken	-	109,608	109,608
Salt	42,625	-	42,625
Sulphur	-	-	-
Crude materials, inedible, n.e.s.	12,108	43,326	55,434
Woodpulp	2,450	16,400	18,850
Newsprint paper	-	56,595	56,595
Fish and animal oils	16,775	661	17,436
Soyabean oil	9,498	-	9,498
Sodium products	13,573	1,039	14,612
Chemicals, related products, n.e.s.	20,386	24,892	45,278
Gasoline	8,953	24,454	33,407
Fuel oil	69,068	77,459	146,527
Lubricating oils and greases	1,003	4,991	5,994
Coke	23,245	-	23,245
Tar, pitch and creosote	10,878	2,552	13,430



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October 1963

Commodities	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
tons									
WELLAND CANAL - Concluded:									
Petroleum, coal products, n.e.s.		4,884	-			-			4,884
Pig iron		-		35,223					35,223
Iron and steel: ingot, bar, etc.		891		25,149					26,040
Steel: plate, sheet and strip		12,703		10,685					23,388
Iron and steel, n.e.s.		679		94,301					94,980
Cement		7,997		2,611					10,608
Machinery, equipment and parts		10,977		5,864					16,841
Motor vehicles and parts		9,254		5,626					14,880
Miscellaneous freight, n.e.s.		10,276		41,835					52,111
Domestic package freight		18,972		21,819					40,791
Totals		3,624,985		1,708,316					5,333,301
tons									
ST. LAWRENCE CANALS:									
Meat and meat preparations		3,601	3,601		461	461			4,062
Barley	142,564	-	142,564		-	-	142,564	-	142,564
Corn	200,718	-	200,718		-	-	200,718	-	200,718
Oats	66,625	-	66,625		-	-	66,625	-	66,625
Rye	38,975	-	38,975		-	-	38,975	-	38,975
Wheat	1,235,696	-	1,235,696	10,328	-	10,328	1,246,024	-	1,246,024
Malt	7,809	-	7,809		-	-	7,809	-	7,809
Flour, wheat	24,960	-	24,960	20	-	20	24,980	-	24,980
Cereals, milled, n.e.s.	8,510	2,923	11,433		62	62	8,510	2,985	11,495
Beans and peas, dried	39,608	-	39,608	66	-	66	39,674	-	39,674
Sugar	-	-	-	14,382	-	14,382	14,382	-	14,382
Syrup and molasses	-	-	-	29,327	-	29,327	29,327	-	29,327
Margarine, shortening and lard	4,399	825	5,224		-	-	4,399	825	5,224
Soyabean oil cake and meal	28,902	-	28,902		-	-	28,902	-	28,902
Fodder and feed, n.e.s.	28,574	827	29,401		47	47	28,574	874	29,448
Foods, beverages, tobacco, n.e.s.	5,983	43,533	49,516	2,447	35,359	37,806	8,430	78,892	87,322
Flaxseed	48,759	-	48,759	571	-	571	49,330	-	49,330
Soyabeans	74,242	-	74,242	2,179	-	2,179	76,421	-	76,421
Rubber, natural and synthetic	363	1,656	2,019	185	12,867	13,052	548	14,523	15,071
Pulpwood	-	-	-	4,404	-	4,404	4,404	-	4,404
Aluminum ore and concentrates	-	-	-	16,113	-	16,113	16,113	-	16,113
Iron ore	-	-	-	985,527	-	985,527	985,527	-	985,527
Iron and steel scrap	78,425	-	78,425		-	-	78,425	-	78,425
Coal, bituminous	79,659	-	79,659	109,629	-	109,629	189,288	-	189,288
Clay and bentonite	20,882	52	20,934	3,653	8	3,661	24,535	60	24,595
Petroleum, crude	-	-	-	14,010	-	14,010	14,010	-	14,010
Phosphate rock	-	-	-	-	-	-	-	-	-
Salt	21,874	-	21,874		-	-	21,874	-	21,874
Sulphur	-	-	-	-	-	-	-	-	-
Crude materials, inedible, n.e.s.	8,999	13,582	22,581	51,480	6,012	57,492	60,479	19,594	80,073
Woodpulp	2,865	-	2,865	18,736	-	18,736	21,601	-	21,601
Newsprint paper	-	-	-		41,263	41,263	-	41,263	41,263
Fish and animal oils	17,197	-	17,197	831	-	831	18,028	-	18,028
Chemicals and related products	9,736	15,290	25,026	23,087	5,914	29,001	32,823	21,204	54,027
Gasoline	7,510	-	7,510	9,749	-	9,749	17,259	-	17,259
Fuel oil	15,958	-	15,958	82,046	-	82,046	98,004	-	98,004
Lubricating oils and greases	-	1,003	1,003		-	-		1,003	1,003
Coke	23,245	-	23,245		-	-	23,245	-	23,245
Tar, pitch and creosote	8,277	-	8,277		-	-	8,277	-	8,277
Petroleum and coal products, n.e.s.	4,429	455	4,884		843	843	4,429	1,298	5,727
Pig iron	-	-	-	35,223	-	35,223	35,223	-	35,223
Iron and steel: ingot, bar, etc.	512	2,103	2,615	2,717	30,375	33,092	3,229	32,478	35,707
Steel: plate, sheet and strip	3,064	19,757	22,821	584	11,668	12,252	3,648	31,425	35,073
Iron and steel, n.e.s.	2,118	736	2,854	2,817	110,065	112,882	4,935	110,801	115,736
Machinery, equipment and parts	26	11,777	11,803	26	8,724	8,750	52	20,501	20,553
Motor vehicles and parts	121	9,462	9,583	132	7,528	7,660	253	16,990	17,243
Miscellaneous freight, n.e.s.	6,592	14,751	21,343	27,893	42,740	70,633	34,485	57,491	91,976
Domestic package freight	40,244	-	40,244	18,790	-	18,790	59,034	-	59,034
Totals	2,308,420	142,333	2,450,753	1,466,952	313,936	1,780,888	3,775,372	456,269	4,231,641(1)

(1) Includes 11,125 tons of non-toll traffic.