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## SUMMARY OF CANAL STATISTICS

AUGUST 1963

The volume of freight transported through Canadian canals during August rose 20.2 per cent to 9,387,936 tons from 7,808,995 in the corresponding month last year. Increased traffic was recorded for the Welland, St. Lawrence and three of the smaller canals. Compared with August 1962, freight traffic on the Welland Canal increased by over 1 million tons, while St. Lawrence traffic was up by 471,000 tons. The number of vessel passages through all canals declined to 3,228 from 3,335, but the registered net tonnage increased 11.6 per cent to 7,783,402 tons from 6,976,164. The number of passengers carried dropped to 65,981 from 67,158, while pleasure craft lockages increased to 61,659 from 52,581.

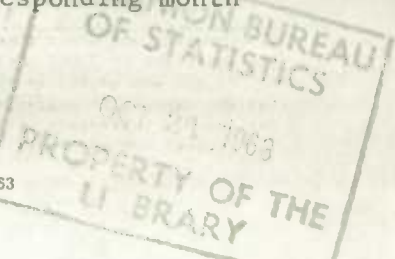
Sault Ste. Marie Canals - Canadian and United States Locks: Freight cleared through the combined system totalled 12,810,908 tons, 10.2 per cent above the 11,625,165 tons carried in August 1962. Traffic using the Canadian lock dropped to 93,418 tons from 142,648. Eastbound wheat shipments through the combined system increased to 971,775 tons from 461,027, with iron ore up to 9,336,202 tons from 8,837,096, while bituminous coal westbound rose to 1,318,075 tons from 1,264,651. Total eastbound freight was up to 11,019,319 tons from 9,936,754, with westbound traffic increasing to 1,791,589 tons from 1,688,411. Vessel passages numbered 2,717 as against 2,638 in the previous August.

Welland Canal: The total tonnage of freight moved through the Welland Canal was up 26.0 per cent, increasing to 5,461,040 tons from 4,333,431 in August last year. The major increases were: iron ore, 2,072,459 tons (1,542,517 tons in August 1962); wheat, 658,733 (333,040); and bituminous coal, 899,518 (642,001). Total eastbound traffic increased 28.6 per cent to 3,595,026 tons from 2,794,530, while westbound freight rose 21.3 per cent to 1,866,014 tons from 1,538,901. Vessel passages declined to 1,016 from 1,045, but the registered net tonnage increased 17.0 per cent to 4,361,188 tons from 3,727,919 in August 1962.

St. Lawrence Canals: The volume of freight shipped through the St. Lawrence canals in August increased 14.8 per cent to 3,665,398 tons from 3,194,139 last year. Eastbound shipments of corn, oats and rye declined, but barley and wheat increased by some 348,800 tons, while iron ore westbound rose to 1,172,292 tons from 933,226. Eastbound shipments totalled 1,768,750 tons, compared with 1,548,980, while westbound shipments amounted to 1,896,648 tons as against 1,645,159. During the month 960 vessels with a registered net tonnage of 2,882,669 tons were cleared through the canals, compared with 1,159 vessels of 2,769,430 tons in the corresponding month last year.

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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>August 1963</u>					
<b>ALL CANADIAN CANALS</b> .....	3,228	7,783,402	65,981	61,659	9,387,936
Canso Canal .....	177	171,370	-	5	157,591
Murray Canal .....	49	1,371	3	45	-
Ottawa River Canals .....	38	1,601	164	1,475	274
Richelieu River Canal .....	141	15,190	-	988	9,545
Rideau Canal .....	18	479	59(2)	18,250	-
St. Andrew's Canal .....	84	3,060	225(3)	403	545
St. Lawrence Canals .....	960	2,882,669	2,278	541	3,665,398
St. Peter's Canal .....	60	1,866	8	14	112
Sault Ste. Marie Canal .....	678	344,470	63,111	201	93,418
Trent Canal .....	7	138	-(4)	39,598	13
Welland Canal .....	1,016	4,361,188	133	139	5,461,040
<u>August 1962</u>					
<b>ALL CANADIAN CANALS</b> .....	3,335	6,976,164	67,158	52,581	7,808,995
Canso Canal .....	160	115,802	9	115	125,107
Murray Canal .....	57	2,522	-	1,001	-
Ottawa River Canals .....	5	508	-	2,338	-
Richelieu River Canal .....	138	16,076	-	58	12,914
Rideau Canal .....	14	539	39	15,926	-
St. Andrew's Canal .....	53	2,406	103	317	459
St. Lawrence Canals .....	1,159	2,769,430	3,237	500	3,194,139
St. Peter's Canal .....	60	1,522	2	18	278
Sault Ste. Marie Canal .....	637	339,363	63,511	164	142,648
Trent Canal .....	7	77	..	32,000	19
Welland Canal .....	1,045	3,727,919	257	144	4,333,431
<u>SAULT STE. MARIE CANALS:</u>					
<u>August 1963</u>					
<u>East Bound:</u>					
Canadian Lock .....	507	187,875	57,775	101	77,254
Can. & U.S. Locks .....	1,357	..	62,298	..	11,019,319
<u>West Bound:</u>					
Canadian Lock .....	171	156,595	5,336	100	16,164
Can. & U.S. Locks .....	1,360	..	58,827	..	1,791,589
<u>Totals:</u>					
Canadian Lock - August 1963 .....	678	344,470	63,111	201	93,418
Can. & U.S. Locks - August 1963 .....	2,717	..	121,125	..	12,810,908
Canadian Lock - August 1962 .....	637	339,363	63,511	164	142,648
Can. & U.S. Locks - August 1962 .....	2,638	..	120,762	164	11,625,165
<u>WELLAND CANAL:</u>					
East Bound .....	507	2,157,359	61	69	3,595,026
West Bound .....	509	2,203,829	72	70	1,866,014
Totals - August 1963 .....	1,016	4,361,188	133	139	5,461,040
Totals - August 1962 .....	1,045	3,727,919	257	144	4,333,431
<u>ST. LAWRENCE CANALS:</u>					
East Bound .....	476	1,419,214	1,278	271	1,768,750
West Bound .....	484	1,463,455	1,000	270	1,896,648
Totals - August 1963 .....	960	2,882,669	2,278	541	3,665,398
Totals - August 1962 .....	1,159	2,769,430	3,237	500	3,194,139

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

(2) Exclusive of 7,056 paying passengers on sightseeing pleasure boat cruises and 55,339 passengers carried in pleasure craft, (6,488 and 49,955 in 1962).

(3) Excludes 1,293 passengers carried in pleasure craft.

(4) 144,571 passengers carried in small boats (.. in 1962).

.. Figures not available.

SUMMARY OF CANAL STATISTICS

August 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 .....	8,505	173,107	-	-	8,505	173,107
Corn .....	-	116,810	-	-	-	116,810
Oats .....	-	60,364	-	-	-	60,364
Rye .....	-	7,836	-	-	-	7,836
Wheat .....	-	971,775	-	10,839	-	982,614
Flour, wheat .....	-	12,111	-	-	-	12,111
Cereals, milled, n.e.s. ....	5,454	69,555	-	-	5,454	69,555
Foods, beverages, tobacco, n.e.s. ....	5,018	5,018	48	48	5,066	5,066
Flaxseed .....	-	14,083	-	-	-	14,083
Pulpwood, lumber and logs .....	-	42,168	125	125	125	42,293
Iron ore .....	-	9,336,202	-	-	-	9,336,202
Iron and steel scrap .....	-	16,576	-	-	-	16,576
Coal, anthracite .....	-	-	-	10,651	-	10,651
Coal, bituminous .....	-	-	-	1,318,075	-	1,318,075
Sand, gravel and stone .....	14,150	14,150	-	183,945	14,150	198,095
Paper and woodpulp .....	21,826	38,187	-	-	21,826	38,187
Gasoline .....	4,124	15,496	7,976	35,210	12,100	50,706
Fuel oil .....	-	10,776	3,628	97,736	3,628	108,512
Petroleum products, other .....	-	-	-	-	-	-
Pig iron .....	-	20,057	-	-	-	20,057
Iron and steel, manufactured .....	13,538	50,419	1,224	23,599	14,762	74,018
Cement .....	-	-	-	32,436	-	32,436
Motor vehicles .....	-	-	-	224	-	224
Miscellaneous freight, n.e.s. ....	-	39,990	1,328	76,866	1,328	116,856
Domestic package freight .....	4,639	4,639	1,835	1,835	6,474	6,474
Totals .....	77,254	11,019,319	16,164	1,791,589	93,418	12,810,908

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:						
Meat and meat preparations .....	-	5,443	-	714	-	6,157
Barley .....	-	127,761	-	-	-	127,761
Corn .....	-	275,030	-	-	-	275,030
Oats .....	-	47,205	-	-	-	47,205
Rye .....	-	15,828	-	-	-	15,828
Wheat .....	-	645,197	-	13,536	-	658,733
Malt .....	-	5,872	-	-	-	5,872
Flour, wheat .....	-	41,276	-	-	-	41,276
Cereals, milled, n.e.s. ....	-	13,522	-	-	-	13,522
Beans and peas, dried .....	-	13,030	-	-	-	13,030
Sugar .....	-	-	-	-	-	-
Syrup and molasses .....	-	-	-	15,960	-	15,960
Margarine, shortening and lard .....	-	14,369	-	-	-	14,369
Fodder and feed .....	-	47,374	-	46	-	47,420
Foods, beverages, tobacco, n.e.s. ....	-	50,572	-	13,618	-	64,190
Flaxseed .....	-	25,426	-	-	-	25,426
Soybeans .....	-	101,163	-	-	-	101,163
Rubber, natural and synthetic .....	-	4,713	-	6,974	-	11,687
Pulpwood .....	-	20,968	-	54,198	-	75,166
Aluminum ore and concentrate .....	-	-	-	23,139	-	23,139
Iron ore .....	-	825,328	-	1,247,131	-	2,072,459
Iron and steel scrap .....	-	70,122	-	-	-	70,122
Coal, bituminous .....	-	899,518	-	-	-	899,518
Clay and bentonite .....	-	7,413	-	2,713	-	10,126
Sand and gravel .....	-	8,330	-	2,176	-	10,506
Stone, crushed, broken .....	-	-	-	105,862	-	105,862
Salt .....	-	40,425	-	-	-	40,425
Sulphur .....	-	8,808	-	-	-	8,808
Crude materials, inedible, n.e.s. ....	-	-	-	30,321	-	30,321
Woodpulp .....	-	599	-	2,017	-	2,616
Newsprint paper .....	-	-	-	54,735	-	54,735
Fish and animal oils .....	-	29,100	-	3,584	-	32,684
Soybean oil .....	-	4,690	-	-	-	4,690
Sodium products .....	-	19,751	-	143	-	19,894
Chemicals, related products, n.e.s. ....	-	27,263	-	20,942	-	48,205
Gasoline .....	-	2,688	-	13,305	-	15,993
Fuel oil .....	-	67,720	-	73,679	-	141,399
Lubricating oils and greases .....	-	3,704	-	21,030	-	24,734
Coke .....	-	36,610	-	-	-	36,610
Tar, pitch and creosote .....	-	2,164	-	7,155	-	9,319





SUMMARY OF CANAL STATISTICS

August 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. . . . .			1,243			-			1,243
Pig iron . . . . .			-			14,649			14,649
Iron and steel: ingot, bar, etc. . . . .			1,596			13,722			15,318
Steel: plate, sheet and strip . . . . .			4,080			5,541			9,621
Iron and steel, n.e.s. . . . .			4,800			52,863			57,663
Cement . . . . .			16,944			2,146			19,090
Machinery, equipment and parts . . . . .			8,133			2,178			10,311
Motor vehicles and parts . . . . .			9,583			3,629			13,212
Miscellaneous freight, n.e.s. . . . .			17,226			32,036			49,262
Domestic package freight . . . . .			22,439			26,272			48,711
Totals . . . . .			3,595,026			1,866,014			5,461,040
ST. LAWRENCE CANALS:									
	tons								
Meat and meat preparations . . . . .			5,834			760			6,594
Barley . . . . .	115,349		115,349	6,636		6,636	121,985		121,985
Corn . . . . .	257,096		257,096				257,096		257,096
Oats . . . . .	41,913		41,913				41,913		41,913
Rye . . . . .	15,828		15,828				15,828		15,828
Wheat . . . . .	595,954		595,954				595,954		595,954
Malt . . . . .	7,847		7,847				7,847		7,847
Flour, wheat . . . . .	41,276		41,276				41,276		41,276
Cereals, milled, n.e.s. . . . .	12,498	1,024	13,522		62	62	12,498	1,086	13,584
Beans and peas, dried . . . . .	9,497		9,497				9,497		9,497
Sugar . . . . .				14,939		14,939	14,939		14,939
Syrup and molasses . . . . .				17,291		17,291	17,291		17,291
Margarine, shortening and lard . . . . .	11,655	2,714	14,369				11,655	2,714	14,369
Soyabean oil cake and meal . . . . .	29,356		29,356				29,356		29,356
Fodder and feed, n.e.s. . . . .	36,671	1,531	38,202	40	19	59	36,711	1,550	38,261
Foods, beverages, tobacco, n.e.s. . . . .	9,304	43,712	53,016	880	21,080	21,960	10,184	64,792	74,976
Flaxseed . . . . .	25,426		25,426				25,426		25,426
Soyabeans . . . . .	73,265		73,265				73,265		73,265
Rubber, natural and synthetic . . . . .	360	4,361	4,721		8,245	8,245	360	12,606	12,966
Pulpwood . . . . .				74,381		74,381	74,381		74,381
Aluminum ore and concentrates . . . . .				23,139		23,139	23,139		23,139
Iron ore . . . . .	26,841		26,841	1,172,292		1,172,292	1,199,133		1,199,133
Iron and steel scrap . . . . .	95,781		95,781	22		22	95,803		95,803
Coal, bituminous . . . . .	34,721		34,721				34,721		34,721
Clay and bentonite . . . . .	7,413		7,413	2,714		2,714	10,127		10,127
Petroleum, crude . . . . .				14,070		14,070	14,070		14,070
Phosphate rock . . . . .				11,354		11,354	11,354		11,354
Salt . . . . .	32,550		32,550				32,550		32,550
Sulphur . . . . .									
Crude materials, inedible, n.e.s. . . . .	2,405	10,535	12,940	34,133	4,863	38,996	36,538	15,398	51,936
Woodpulp . . . . .	599		599	2,017		2,017	2,616		2,616
Newsprint paper . . . . .		447	447		35,593	35,593		36,040	36,040
Fish and animal oils . . . . .	32,188		32,188	4,564	15	4,579	36,752	15	36,767
Chemicals and related products . . . . .	13,121	14,725	27,846	16,663	3,334	19,997	29,784	18,059	47,843
Gasoline . . . . .									
Fuel oil . . . . .	15,679		15,679	223,275		223,275	238,954		238,954
Lubricating oils and greases . . . . .	269	685	954	18,766	14	18,780	19,035	699	19,734
Coke . . . . .	36,610		36,610				36,610		36,610
Tar, pitch and creosote . . . . .					9	9		9	9
Petroleum and coal products, n.e.s. . . . .	4,327	395	4,722				4,327	395	4,722
Pig iron . . . . .				14,649		14,649	14,649		14,649
Iron and steel: ingot, bar, etc. . . . .		1,860	1,860		17,554	17,554		19,414	19,414
Steel: plate, sheet and strip . . . . .		6,932	6,932		6,380	6,380		13,312	13,312
Iron and steel, n.e.s. . . . .	913	6,164	7,077		59,648	59,648	913	65,812	66,725
Machinery, equipment and parts . . . . .		8,549	8,549	137	4,107	4,244	137	12,656	12,793
Motor vehicles and parts . . . . .		9,774	9,774		4,482	4,482		14,256	14,256
Miscellaneous freight, n.e.s. . . . .	8,552	17,209	25,761	19,444	38,068	57,512	27,996	55,277	83,273
Domestic package freight . . . . .	37,035		37,035	21,009		21,009	58,044		58,044
Totals . . . . .	1,632,299	136,451	1,768,750	1,692,415	204,233	1,896,648	3,324,714	340,684	3,665,398(1)

(1) Includes 12,127 tons of non-toll traffic.