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## SUMMARY OF CANAL STATISTICS

NOVEMBER 1963

The total volume of freight moved through Canadian canals in November of this year increased 21.0 per cent, to 9,609,586 tons from 7,940,248 tons moved in the same month last year. Heavier movement of wheat and iron ore was largely responsible for the increase. Heavier freight traffic was reported by the St. Lawrence Canal, Welland Canal, and four of the smaller canals. Vessel passages through all canals rose slightly, to 2,518 from 2,492, while the registered net tonnage of these vessels increased 15.1 per cent, to 7,971,236 tons from 6,927,693 tons.

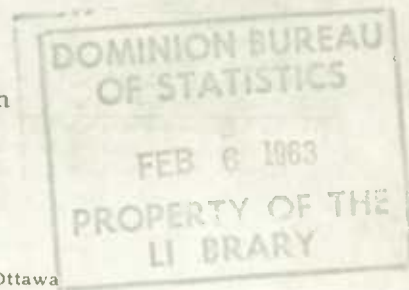
Sault Ste. Marie Canals - Canadian and United States Locks: Total freight transported through the combined system rose 53.3 per cent, to 8,975,704 tons from 5,856,357 tons in November 1962. Freight carried through the Canadian canal dropped to 90,569 tons from 165,572 tons. Eastbound traffic increased 59.2 per cent, to 7,759,073 tons from 4,873,646 tons, while westbound freight was up 23.8 per cent, to 1,216,631 tons from 982,711 tons. The number of vessel passages rose to 1,525 from 1,262 in the previous November.

Welland Canal: The volume of freight shipped through the Welland Canal increased 21.1 per cent, to 5,135,199 tons from 4,240,750 tons in the same month last year. Wheat shipments were up to 1,457,997 tons from 996,868 tons, and iron ore shipments almost doubled to 819,176 tons from 412,596 tons. Total eastbound freight through the Canal increased 15.0 per cent, to 3,982,039 tons from 3,462,433 tons, while westbound traffic rose 48.2 per cent, to 1,153,160 tons from 778,317 tons. The number of vessel passages declined slightly, to 1,014 from 1,023, while the registered net tonnage increased 15.5 per cent, to 4,269,888 tons from 3,695,461 tons in November 1962.

St. Lawrence Canals: Freight carried through the St. Lawrence Canals in November increased 24.9 per cent, to 4,185,315 tons from 3,350,395 tons last year. The movement of eastbound freight was up by 12.7 per cent, to 2,945,692 tons from 2,614,826 tons, while the movement of westbound traffic increased 68.5 per cent, to 1,239,623 tons from 735,569 tons. During the month a total of 1,039 vessels of 3,308,575 registered net tons passed through the Canals, compared with 1,027 vessels of 2,767,809 tons.

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8504-517



SUMMARY OF CANAL STATISTICS

NOVEMBER 1963

	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft(1)	Tons of freight
<u>November 1963</u>					
<u>ALL CANADIAN CANALS</u> .....	2,518	7,971,236	65	77	9,609,586
Canso Canal .....	108	153,400	-	1	184,612
Murray Canal .....	4	537	-	3	-
Ottawa River Canals .....	61	8,210	3	45	2,590
Richelieu River Canal .....	86	15,372	-	-	10,881
Rideau Canal .....	-	-	-	-	-
St. Andrew's Canal .....	9	816	8	2	417
St. Lawrence Canals .....	1,039	3,308,575	38	5	4,185,315
St. Peter's Canal .....	10	157	-	-	3
Sault Ste. Marie Canal .....	187	214,281	5	7	90,569
Trent Canal .....	-	-	(2)	14	-
Welland Canal .....	1,014	4,269,888	11	-	5,135,199
<u>November 1962</u>					
<u>ALL CANADIAN CANALS</u> .....	2,492	6,927,693	56	70	7,940,248
Canso Canal .....	122	151,362	-	1	178,408
Murray Canal .....	7	797	-	22	-
Ottawa River Canals .....	5	617	-	27	-
Richelieu River Canal .....	53	9,300	-	-	4,885
Rideau Canal .....	2	57	-	4	-
St. Andrew's Canal .....	4	172	-	-	19
St. Lawrence Canals .....	1,027	2,767,809	43	1	3,350,395
St. Peter's Canal .....	15	864	-	-	219
Sault Ste. Marie Canal .....	234	301,254	3	-	165,572
Trent Canal .....	-	-	-	14	-
Welland Canal .....	1,023	3,695,461	10	1	4,240,750
 <u>SAULT STE. MARIE CANALS:</u>					
<u>November 1963</u>					
<u>East Bound:</u>					
Canadian Lock .....	93	99,754	5	3	77,930
Can. & U.S. Locks .....	777	..	-	..	7,759,073
<u>West Bound:</u>					
Canadian Lock .....	94	114,527	-	4	12,639
Can. & U.S. Locks .....	748	..	-	..	1,216,631
 <u>Totals:</u>					
Canadian Lock - November 1963 .....	187	214,281	5	7	90,569
Can. & U.S. Locks - November 1963 .....	1,525	..	5	..	8,975,704
Canadian Lock - November 1962 .....	234	301,254	3	-	165,572
Can. & U.S. Locks - November 1962 .....	1,262	..	6	..	5,856,357
 <u>WELLAND CANAL:</u>					
East Bound .....	539	2,209,181	11	-	3,982,039
West Bound .....	475	2,060,707	-	-	1,153,160
Totals - November 1963 .....	1,014	4,269,888	11	-	5,135,199
Totals - November 1962 .....	1,023	3,695,461	10	1	4,240,750
 <u>ST. LAWRENCE CANALS:</u>					
East Bound .....	536	1,720,750	19	2	2,945,692
West Bound .....	503	1,587,825	19	3	1,239,623
Totals - November 1963 .....	1,039	3,308,575	38	5	4,185,315
Totals - November 1962 .....	1,027	2,767,809	43	1	3,350,395

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

(2) 80 passengers carried in small boats (50 in 1962).

.. Figures not available.

SUMMARY OF CANAL STATISTICS

NOVEMBER 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 .....	-	385,787	-	-	-	385,787
Corn .....	-	53,155	-	4,911	-	58,066
Oats .....	-	97,560	-	-	-	97,560
Rye .....	-	61,970	-	-	-	61,970
Wheat .....	-	1,923,971	-	-	-	1,923,971
Flour, wheat .....	-	11,579	-	5,434	-	17,013
Cereals, milled, n.e.s. ....	5,432	5,432	-	-	5,432	5,432
Foods, beverages, tobacco, n.e.s. ....	5,844	87,129	153	2,841	5,997	89,970
Flaxseed .....	-	94,084	-	-	-	94,084
Pulpwood, lumber and logs .....	-	-	600	600	600	600
Iron ore .....	-	4,764,801	-	-	-	4,764,801
Iron and steel scrap .....	2,240	18,090	-	-	2,240	18,090
Coal, anthracite .....	-	-	-	12,357	-	12,357
Coal, bituminous .....	-	-	-	774,621	-	774,621
Sand, gravel and stone .....	15,150	15,150	-	130,243	15,150	145,393
Paper and woodpulp .....	20,387	41,473	-	-	20,387	41,473
Gasoline .....	9,395	14,024	1,189	15,320	10,584	29,344
Fuel oil .....	2,428	2,428	8,489	84,547	10,917	86,975
Petroleum products, other .....	-	-	-	-	-	-
Pig iron .....	-	38,323	-	-	-	38,323
Iron and steel, manufactured .....	12,790	54,648	60	60,929	12,850	115,577
Cement .....	-	-	-	21,518	-	21,518
Motor vehicles .....	-	-	-	910	-	910
Miscellaneous freight, n.e.s. ....	-	85,205	174	100,426	174	185,631
Domestic package freight .....	4,264	4,264	1,974	1,974	6,238	6,238
Totals .....	77,930	7,759,073	12,639	1,216,631	90,569	8,975,704

Commodities	East Bound	West Bound	Total
	tons		
WELLAND CANAL:			
Meat and meat preparations .....	6,675	175	6,850
Barley .....	214,041	-	214,041
Corn .....	416,737	-	416,737
Oats .....	41,505	-	41,505
Rye .....	46,685	-	46,685
Wheat .....	1,457,997	-	1,457,997
Malt .....	15,912	-	15,912
Flour, wheat .....	45,912	-	45,912
Cereals, milled, n.e.s. ....	18,942	-	18,942
Beans and peas, dried .....	44,085	-	44,085
Sugar .....	-	-	-
Syrup and molasses .....	-	13,969	13,969
Margarine, shortening and lard ....	9,319	-	9,319
Fodder and feed .....	77,680	58	77,738
Foods, beverages, tobacco, n.e.s. ....	43,713	15,636	59,349
Flaxseed .....	72,282	-	72,282
Soyabeans .....	69,358	-	69,358
Rubber, natural and synthetic .....	-	2,165	2,165
Pulpwood .....	6,816	-	6,816
Aluminum ore and concentrate .....	-	11,032	11,032
Iron ore .....	278,563	540,613	819,176
Iron and steel scrap .....	25,875	-	25,875
Coal, bituminous .....	689,953	-	689,953
Clay and bentonite .....	8,356	-	8,356
Sand and gravel .....	-	1,088	1,088
Stone, crushed, broken .....	86	155,194	155,280
Salt .....	66,666	-	66,666
Sulphur .....	-	18,793	18,793
Crude materials, inedible, n.e.s. ....	23,876	33,256	57,132
Woodpulp .....	305	13,189	13,494
Newsprint paper .....	930	61,597	62,527
Fish and animal oils .....	28,310	601	28,911
Soyabean oil .....	4,219	-	4,219
Sodium products .....	18,480	164	18,644
Chemicals, related products, n.e.s. ....	38,052	11,338	49,390
Gasoline .....	10,710	11,160	21,870
Fuel oil .....	27,309	49,690	76,999
Lubricating oils and greases .....	8,427	21,595	30,022
Coke .....	31,325	-	31,325
Tar, pitch and creosote .....	5,979	4,369	10,348





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SUMMARY OF CANAL STATISTICS

November 1963

Commodities	East Bound		West Bound		Total				
	tons								
<b>WELLAND CANAL - Concluded:</b>									
Petroleum, coal products, n.e.s. . .		569		-		569			
Pig iron . . . . .		-		22,137		22,137			
Iron and steel: ingot, bar, etc. . .		311		28,891		29,202			
Steel: plate, sheet and strip . . . .		30,952		6,777		37,729			
Iron and steel, n.e.s. . . . .		690		58,496		59,186			
Cement . . . . .		7,007		4,937		11,944			
Machinery, equipment and parts . . .		13,281		4,134		17,415			
Motor vehicles and parts . . . . .		16,073		4,335		20,408			
Miscellaneous freight, n.e.s. . . . .		20,687		28,687		49,374			
Domestic package freight . . . . .		37,389		29,084		66,473			
<b>Totals . . . . .</b>		<b>3,982,039</b>		<b>1,153,160</b>		<b>5,135,199</b>			
	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
tons									
<b>ST. LAWRENCE CANALS:</b>									
Meat and meat preparations . . . . .	-	7,190	7,190	-	207	207	-	7,397	7,397
Barley . . . . .	184,857	-	184,857	-	-	-	184,857	-	184,857
Corn . . . . .	365,799	-	365,799	-	-	-	365,799	-	365,799
Oats . . . . .	37,203	-	37,203	-	-	-	37,203	-	37,203
Rye . . . . .	46,004	-	46,004	-	-	-	46,004	-	46,004
Wheat . . . . .	1,440,924	-	1,440,924	3,360	-	3,360	1,444,284	-	1,444,284
Malt . . . . .	17,541	-	17,541	-	-	-	17,541	-	17,541
Flour, wheat . . . . .	46,080	-	46,080	-	-	-	46,080	-	46,080
Cereals, milled, n.e.s. . . . .	18,055	887	18,942	35	112	147	18,090	999	19,089
Beans and peas, dried . . . . .	31,525	-	31,525	53	-	53	31,578	-	31,578
Sugar . . . . .	-	-	-	28,543	-	28,543	28,543	-	28,543
Syrup and molasses . . . . .	-	-	-	-	-	-	-	-	-
Margarine, shortening and lard . . . .	7,427	1,894	9,321	-	-	-	7,427	1,894	9,321
Soyabean oil cake and meal . . . . .	41,896	-	41,896	-	-	-	41,896	-	41,896
Fodder and feed, n.e.s. . . . .	58,762	589	59,351	147	45	192	58,909	634	59,543
Foods, beverages, tobacco, n.e.s. . . .	3,053	48,116	51,169	322	29,090	29,412	3,375	77,206	80,581
Flaxseed . . . . .	69,684	-	69,684	-	-	-	69,684	-	69,684
Soybeans . . . . .	46,323	-	46,323	-	-	-	46,323	-	46,323
Rubber, natural and synthetic . . . . .	1,667	5,149	6,816	-	2,422	2,422	1,667	7,571	9,238
Pulpwood . . . . .	-	-	-	-	-	-	-	-	-
Aluminum ore and concentrates . . . .	-	-	-	11,032	-	11,032	11,032	-	11,032
Iron ore . . . . .	-	-	-	502,423	-	502,423	502,423	-	502,423
Iron and steel scrap . . . . .	30,987	-	30,987	-	-	-	30,987	-	30,987
Cosl, bituminous . . . . .	70,528	-	70,528	51,400	-	51,400	121,928	-	121,928
Clay and bentonite . . . . .	8,072	284	8,356	1,738	-	1,738	9,810	284	10,094
Petroleum, crude . . . . .	-	-	-	14,103	-	14,103	14,103	-	14,103
Phosphate rock . . . . .	-	-	-	-	-	-	-	-	-
Salt . . . . .	37,955	-	37,955	-	-	-	37,955	-	37,955
Sulphur . . . . .	-	-	-	18,793	-	18,793	18,793	-	18,793
Crude materials, inedible, n.e.s. . . .	10,056	23,043	33,099	58,394	3,269	61,663	68,450	26,312	94,762
Woodpulp . . . . .	305	-	305	13,189	-	13,189	13,494	-	13,494
Newsprint paper . . . . .	-	930	930	-	39,817	39,817	-	40,747	40,747
Fish and animal oils . . . . .	28,453	62	28,515	601	-	601	29,054	62	29,116
Chemicals and related products . . . .	17,346	20,910	38,256	11,231	6,952	18,183	28,577	27,862	56,439
Gasoline . . . . .	-	-	-	-	-	-	-	-	-
Fuel oil . . . . .	15,507	-	15,507	186,393	-	186,393	201,900	-	201,900
Lubricating oils and greases . . . . .	-	1,223	1,223	11,752	-	11,752	11,752	1,223	12,975
Coke . . . . .	21,152	-	21,152	-	-	-	21,152	-	21,152
Tar, pitch and creosote . . . . .	5,979	-	5,979	-	7	7	5,979	7	5,986
Petroleum and coal products, n.e.s. . .	-	606	606	-	29	29	-	635	635
Pig iron . . . . .	-	-	-	22,137	-	22,137	22,137	-	22,137
Iron and steel: ingot, bar, etc. . . . .	-	845	845	333	33,777	34,110	333	34,622	34,955
Steel: plate, sheet and strip . . . . .	40	47,943	47,983	45	7,702	7,747	85	55,645	55,730
Iron and steel, n.e.s. . . . .	214	967	1,181	1,268	71,327	72,595	1,482	72,294	73,776
Machinery, equipment and parts . . . .	15	14,135	14,150	78	7,539	7,617	93	21,674	21,767
Motor vehicles and parts . . . . .	12	17,398	17,410	12	6,667	6,679	24	24,065	24,089
Miscellaneous freight, n.e.s. . . . .	6,809	19,420	26,229	27,719	40,097	67,816	34,528	59,517	94,045
Domestic package freight . . . . .	63,871	-	63,871	25,463	-	25,463	89,334	-	89,334
<b>Totals . . . . .</b>	<b>2,734,101</b>	<b>211,591</b>	<b>2,945,692</b>	<b>990,564</b>	<b>249,059</b>	<b>1,239,623</b>	<b>3,724,665</b>	<b>460,650</b>	<b>4,185,315(1)</b>

(1) Includes 8,236 tons of non-toll traffic.