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MONTHLY

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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SUMMARY OF CANAL STATISTICS

MAY, 1962

Due largely to the increased volume of westbound iron ore, total freight cleared through Canadian canals during May reached a new high of 9,032,131 tons. This was 15.5 per cent above May last year and 11.9 per cent above the previous record of 8,074,953 tons reached in October, 1961. Increased freight traffic was reported by the St. Lawrence, Welland, Sault Ste. Marie and Canso Canals. The number of vessel passages dropped to 2,855 from 3,395 but the registered net tonnage increased to 7,152,280 tons from 7,042,869. Pleasure craft lockages numbered 3,974 as against 3,441 in May, 1961, and the number of passengers carried rose to 1,117 from 1,058.

Sault Ste. Marie Canals - Canadian and United States Locks: - Freight locked through the combined system totalled 12,453,387 tons, 56 per cent above the 7,980,863 tons carried in May, 1961. Traffic using the Canadian lock rose to 153,133 tons from 149,598. Shipments of wheat through both canals declined to 985,769 tons from 1,352,587 but iron ore shipments were up almost 5 million tons, increasing to 9,209,714 tons from 4,723,809 while bituminous coal rose to 887,372 tons from 639,832. Total eastbound freight increased to 11,108,499 tons from 6,930,756 in May of the previous year while westbound traffic rose to 1,344,888 tons from 1,050,107. Vessel passages increased to 2,049 from 1,711 in May, 1961.

Welland Ship Canal: - The total volume of freight transported through the Welland Ship Canal increased 18.2 per cent to 4,959,068 tons from 4,196,110 in May, 1961. Major increases included iron ore, up to 1,328,468 tons from 646,220, corn up to 450,365 tons from 222,180, stone up to 189,446 tons from 65,128 and barley to 233,404 tons from 150,364. Shipments of wheat declined to 924,659 tons from 1,128,291. Total eastbound freight rose 6.2 per cent to 3,421,174 tons from 3,219,976 in May, 1961, while westbound traffic increased 57.5 per cent to 1,537,894 tons from 976,134. A total of 1,126 vessels of 3,877,528 registered net tons passed through the canal compared with 1,121 vessels of 3,687,067 tons in the previous May.

St. Lawrence Canals: - Heavier movement of iron ore, corn and barley was largely responsible for the record freight traffic through the St. Lawrence canals which rose 12.2 per cent to 3,794,009 tons from 3,381,560 in May, 1961 and was 5.9 per cent above the previous high of 3,582,269 tons in October, 1959. Westbound shipments of iron ore more than doubled, rising to 896,156 tons from 428,657, corn was up to 401,203 tons from 173,003 and barley up to 209,092 tons from 129,284. Wheat shipments declined to 904,379 tons from 1,057,575. Total eastbound shipments were down to 2,332,274 tons from 2,400,844 in May last year while westbound freight rose 49 per cent to 1,461,735 tons from 980,716. Vessel passages through the canals declined to 1,055 from 1,398 with registered net tonnage down to 2,762,931 tons from 2,821,683 in the corresponding month last year.

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DOMINION BUREAU
OF STATISTICS

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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>May, 1962</u>					
ALL CANADIAN CANALS	2,855	7,152,280	1,117	3,974	9,032,131
Canso Canal	157	90,914	-	50	111,888
Murray Canal	15	1,928	-	8	-
Ottawa River Canals	5	490	3	559	-
Richelieu River Canal	88	15,281	-	5	13,919
Rideau Canal	6	333	15 (2)	1,392	-
St. Andrew's Canal	-	-	-	-	-
St. Lawrence Canals	1,055	2,762,931	167	34	3,794,009
St. Peter's Canal	104	1,305	-	4	105
Sault Ste. Marie Canal	296	401,537	818	12	153,133
Trent Canal	3	33	(3)	1,888	9
Welland Ship Canal	1,126	3,877,528	114	22	4,959,068
<u>May, 1961</u>					
ALL CANADIAN CANALS	3,395	7,042,869	1,058	3,441	7,817,494
Canso Canal	96	39,746	-	38	26,351
Murray Canal	11	1,384	-	71	-
Ottawa River Canals	194	57,723	-	-	49,500
Richelieu River Canal	78	14,438	-	3	14,115
Rideau Canal	5	270	-	1,153	-
St. Andrew's Canal	5	326	8	2	-
St. Lawrence Canals	1,398	2,821,683	123	91	3,381,560
St. Peter's Canal	171	1,865	-	-	253
Sault Ste. Marie Canal	312	418,322	854	-	149,598
Trent Canal	4	45	-	1,947	7
Welland Ship Canal	1,121	3,687,067	73	136	4,196,110
<u>May, 1962</u>					
SAULT STE. MARIE CANALS:					
<u>East Bound:</u>					
Canadian Lock	132	143,429	480	6	105,223
Can. & U.S. Locks	1,028	..	596	6	11,108,499
<u>West Bound:</u>					
Canadian Lock	164	258,108	338	6	47,910
Can. & U.S. Locks	1,021	..	619	6	1,344,888
<u>Totals:</u>					
Canadian Lock - May, 1962	296	401,537	818	12	153,133
Can. & U.S. Locks - May, 1962	2,049	..	1,215	12	12,453,387
Canadian Lock - May, 1961	312	418,322	854	-	149,598
Can. & U.S. Locks - May, 1961	1,711	..	1,676	-	7,980,863
<u>WELLAND SHIP CANAL:</u>					
East Bound	576	1,963,367	75	11	3,421,174
West Bound	550	1,914,161	39	11	1,537,894
Totals - May, 1962	1,126	3,877,528	114	22	4,959,068
Totals - May, 1961	1,121	3,687,067	73	-	4,196,110
<u>ST. LAWRENCE CANALS:</u>					
East Bound	543	1,417,249	89	18	2,332,274
West Bound	512	1,345,682	78	16	1,461,735
Totals - May, 1962	1,055	2,762,931	167	34	3,794,009
Totals - May, 1961	1,398	2,821,683	123	-	3,381,560

(1) One pleasure craft through one lock station recorded as "1".
 (2) Exclusive of 3,137 paying passengers on sightseeing pleasure boat cruises and 3,919 passengers carried in pleasure craft, (2,682 and 3,883 in 1961).
 (3) 5,841 passengers carried in small boats (5,523 in 1961).
 .. Figures not available.

SUMMARY OF CANAL STATISTICS

May, 1962

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	9,277	304,265	-	-	9,277	304,265			
Corn	-	185,539	-	-	-	185,539			
Oats	438	102,963	-	-	438	102,963			
Rye	-	24,300	-	-	-	24,300			
Wheat	4,931	985,769	-	-	4,931	985,769			
Flour, wheat	-	6,658	60	60	60	6,718			
Cereals, milled, n.e.s.	8,023	44,963	-	-	8,023	44,963			
Foods, beverages, tobacco, n.e.s.	14,213	14,213	1,343	1,343	15,556	15,556			
Flaxseed	-	31,723	-	-	-	31,723			
Pulpwood, lumber and logs	-	15,170	150	150	150	15,320			
Iron ore	-	9,199,613	-	10,101	-	9,209,714			
Iron and steel scrap	3,453	29,549	-	-	3,453	29,549			
Coal, anthracite	-	-	-	-	-	-			
Coal, bituminous	-	11,200	-	876,172	-	887,372			
Sand, gravel and stone	12,405	13,305	880	245,272	13,285	258,577			
Paper and woodpulp	27,541	44,554	32	32	27,573	44,586			
Gasoline	-	-	6,713	34,000	6,713	34,000			
Fuel oil	974	974	17,592	45,613	18,566	46,587			
Petroleum products, other	-	5,100	-	-	-	5,100			
Pig iron	-	29,932	-	-	-	29,932			
Iron and steel, manufactured	21,377	48,630	1,950	36,058	23,327	84,688			
Cement	-	-	-	26,290	-	26,290			
Motor vehicles	1	1	44	296	45	297			
Miscellaneous freight, n.e.s.	125	7,613	6,499	56,854	6,624	64,467			
Domestic package freight	2,465	2,465	12,647	12,647	15,112	15,112			
Totals	105,223	11,108,499	47,910	1,344,888	153,133	12,453,387			
	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
WELLAND SHIP CANAL:									
Meat and meat preparations	-	6,377	6,377	-	198	198	-	6,575	6,575
Barley	233,404	-	233,404	-	-	-	233,404	-	233,404
Corn	450,365	-	450,365	-	-	-	450,365	-	450,365
Oats	100,185	-	100,185	-	-	-	100,185	-	100,185
Rye	6,104	-	6,104	-	-	-	6,104	-	6,104
Wheat	924,659	-	924,659	-	-	-	924,659	-	924,659
Malt	12,024	491	12,515	-	-	-	12,024	491	12,515
Flour, wheat	39,468	-	39,468	-	-	-	39,468	-	39,468
Cereals, milled, n.e.s.	3,365	226	3,591	-	-	-	3,365	226	3,591
Beans and peas, dried	11,912	-	11,912	5	-	5	11,917	-	11,917
Sugar	-	-	-	-	-	-	-	-	-
Syrup and molasses	2,180	12	2,192	23,686	-	23,686	25,866	12	25,878
Margarine, shortening and lard ..	6,228	4,435	10,663	-	-	-	6,228	4,435	10,663
Fodder and feed	32,510	410	32,920	486	6	492	32,996	416	33,412
Foods, beverages, tobacco, n.e.s.	297	4,723	5,020	251	11,082	11,333	548	15,805	16,353
Flaxseed	19,803	-	19,803	-	-	-	19,803	-	19,803
Soyabeans	167,052	-	167,052	-	-	-	167,052	-	167,052
Rubber, natural and synthetic ...	395	2,492	2,887	-	2,955	2,955	395	5,447	5,842
Pulpwood	3,027	-	3,027	5,560	-	5,560	8,587	-	8,587
Aluminum ore and concentrate	-	-	-	4,345	-	4,345	4,345	-	4,345
Iron ore	387,834	-	387,834	940,634	-	940,634	1,328,468	-	1,328,468
Iron and steel scrap	45,980	-	45,980	-	-	-	45,980	-	45,980
Coal, bituminous	594,548	-	594,548	20,864	-	20,864	615,412	-	615,412
Clay and bentonite	1,515	33	1,548	2,356	-	2,356	3,871	33	3,904
Sand and gravel	10,032	-	10,032	7,262	-	7,262	17,294	-	17,294
Stone, crushed, broken	25,039	-	25,039	164,216	191	164,407	189,255	191	189,446
Salt	13,836	-	13,836	-	-	-	13,836	-	13,836
Sulphur	-	-	-	18,088	-	18,088	18,088	-	18,088
Crude materials, inedible, n.e.s.	9,873	8,247	18,120	9,381	1,429	10,810	19,254	9,676	28,930
Woodpulp	-	-	-	8,828	-	8,828	8,828	-	8,828
Newsprint paper	-	640	640	-	66,555	66,555	-	67,195	67,195
Fish and animal oils	11,426	28	11,454	4,537	-	4,537	15,963	28	15,991
Soyabean oil	3,496	-	3,496	-	-	-	3,496	-	3,496
Sodium products	14,580	368	14,948	-	61	61	14,580	429	15,009
Chemicals and related products, n.e.s.	36,586	9,410	45,996	21,125	1,127	22,252	57,711	10,537	68,248
Gasoline	1,170	-	1,170	14,218	-	14,218	15,388	-	15,388
Fuel oil	68,564	22	68,586	37,504	-	37,504	106,068	22	106,090
Lubricating oils and greases	13,278	884	14,162	10,779	-	10,779	24,057	884	24,941
Coke	15,051	-	15,051	-	-	-	15,051	-	15,051



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SUMMARY OF CANAL STATISTICS

May, 1962

Commodities	East Bound			West Bound			Total		
	Bulk	General	Total	Bulk	General	Total	Bulk	General	Total
tons									
WELLAND SHIP CANAL - Concluded:									
Tar, pitch and creosote	13,000	-	13,000	2,983	-	2,983	15,983	-	15,983
Petroleum and coal products, n.e.s.	2,559	496	3,055	-	-	-	2,559	496	3,055
Pig iron	8,736	-	8,736	20,459	-	20,459	29,195	-	29,195
Iron and steel: ingot, bar, rod, etc.	-	489	489	-	11,649	11,649	-	12,138	12,138
Steel: plate, sheet and strip	-	6,408	6,408	-	1,267	1,267	-	7,675	7,675
Iron and steel, n.e.s.	652	278	930	-	43,338	43,338	652	43,616	44,268
Cement	14,308	13	14,321	-	21	21	14,308	34	14,342
Machinery, equipment and parts ...	18,111	10,228	28,339	17	1,212	1,229	18,128	11,440	29,568
Motor vehicles and parts	4	8,174	8,178	4	4,319	4,323	8	12,493	12,501
Miscellaneous freight, n.e.s.	984	9,954	10,938	12,201	30,208	42,409	13,185	40,162	53,347
Domestic package freight	22,196	-	22,196	32,487	-	32,487	54,683	-	54,683
Totals	3,346,336	74,838	3,421,174	1,362,276	175,618	1,537,894	4,708,612	250,456	4,959,068
ST. LAWRENCE CANALS:									
Meat and meat preparations	-	6,415	6,415	-	880	880	-	7,295	7,295
Barley	209,092	-	209,092	-	-	-	209,092	-	209,092
Corn	397,729	-	397,729	3,474	-	3,474	401,203	-	401,203
Oats	95,505	-	95,505	-	-	-	95,505	-	95,505
Rye	6,104	-	6,104	-	-	-	6,104	-	6,104
Wheat	894,142	-	894,142	10,237	-	10,237	904,379	-	904,379
Malt	14,557	491	15,048	-	-	-	14,557	491	15,048
Flour, wheat	39,780	-	39,780	-	-	-	39,780	-	39,780
Cereals, milled, n.e.s.	3,365	226	3,591	20	-	20	3,385	226	3,611
Beans and peas, dried	6,903	-	6,903	40	-	40	6,943	-	6,943
Sugar	-	-	-	-	-	-	-	-	-
Syrup and molasses	-	12	12	30,520	6	30,526	30,520	18	30,538
Margarine, shortening and lard ...	6,228	4,435	10,663	-	3	3	6,228	4,438	10,666
Soyabean oil cake and meal	34,395	-	34,395	-	-	-	34,395	-	34,395
Fodder and feed, n.e.s.	23,711	659	24,370	90	31	121	23,801	690	24,491
Foods, beverages, tobacco, n.e.s..	294	8,336	8,630	317	18,418	18,735	611	26,754	27,365
Flaxseed	19,803	-	19,803	-	-	-	19,803	-	19,803
Soyabeans	131,369	-	131,369	1,686	-	1,686	133,055	-	133,055
Rubber, natural and synthetic	395	2,492	2,887	-	4,518	4,518	395	7,010	7,405
Pulpwood	-	-	-	5,560	-	5,560	5,560	-	5,560
Aluminum ore and concentrates ...	-	-	-	4,345	-	4,345	4,345	-	4,345
Iron ore	15,434	-	15,434	880,722	-	880,722	896,156	-	896,156
Iron and steel scrap	43,580	-	43,580	-	-	-	43,580	-	43,580
Coal, bituminous	98,379	-	98,379	35,049	-	35,049	133,428	-	133,428
Clay and bentonite	1,515	716	2,231	-	-	-	1,515	716	2,231
Sand and gravel	-	-	-	-	-	-	-	-	-
Petroleum, crude	-	-	-	13,194	-	13,194	13,194	-	13,194
Phosphate rock	-	-	-	12,987	-	12,987	12,987	-	12,987
Salt	7,186	30	7,216	-	-	-	7,186	30	7,216
Sulphur	-	-	-	18,088	-	18,088	18,088	-	18,088
Crude materials, inedible, n.e.s..	16,156	11,833	27,989	20,049	2,094	22,953	36,205	14,737	50,942
Woodpulp	-	-	-	8,311	-	8,311	8,311	-	8,311
Newsprint paper	-	640	640	-	47,211	47,211	-	47,851	47,851
Fish and animal oils	10,823	28	10,851	4,537	26	4,563	15,360	54	15,414
Chemicals and related products ...	16,624	10,736	27,360	20,362	3,055	23,417	36,986	13,791	50,777
Gasoline	3,460	-	3,460	4,993	-	4,993	8,453	-	8,453
Fuel oil	6,781	22	6,803	110,538	-	110,538	117,319	22	117,341
Lubricating oils and greases	2,368	944	3,312	6,760	63	6,823	9,128	1,007	10,135
Coke	15,219	-	15,219	-	-	-	15,219	-	15,219
Tar, pitch and creosote	14,139	-	14,139	-	4	4	14,139	4	14,143
Petroleum and coal products, n.e.s.	124	522	646	-	-	-	124	522	646
Pig iron	8,736	-	8,736	20,459	-	20,459	29,195	-	29,195
Iron and steel: ingot, bar, rod, etc.	967	2,396	3,363	-	15,848	15,848	967	18,244	19,211
Steel: plate, sheet and strip	62	14,414	14,476	-	1,450	1,450	62	15,864	15,926
Iron and steel, n.e.s.	1,887	19,002	20,889	-	58,167	58,167	1,887	77,169	79,056
Machinery, equipment and parts ...	30	11,500	11,530	-	2,555	2,555	30	14,055	14,085
Motor vehicles and parts	-	8,394	8,394	-	5,935	5,935	-	14,329	14,329
Miscellaneous freight, n.e.s.	12,245	17,297	29,542	12,237	41,347	53,584	24,482	58,644	83,126
Domestic package freight	51,647	-	51,647	34,739	-	34,739	86,386	-	86,386
Totals	2,210,734	121,540	2,332,274	1,259,314	202,421	1,461,735	3,470,048	323,961	3,794,009

(1) Includes 10,059 tons of non-toll traffic.