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DOMINION BUREAU OF STATISTICS

OTTAWA CANADA

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Memorandum

SUMMARY OF CANAL STATISTICS

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JUNE, 1956

The tonnage of freight cleared through the eleven Canadian canals during the month of June rose to 13,393,155 tons, from the June 1955 total of 12,119,165 tons, an increase of 1,273,990 tons or 10.5 per cent. Increased traffic was reported by the three major systems, the Sault Ste. Marie, the Welland Ship and the St. Lawrence, as well as the Ottawa River, the Richelieu River and the St. Andrew's canals. Commodities contributing to the rise include wheat at the Sault Ste. Marie, wheat, bituminous coal and iron ore at the Welland Ship and iron ore at the St. Lawrence canals. The number of vessel passages rose to 4,423 from 3,861 in the similar month of 1955 and the total registered net tonnage advanced accordingly to 5,042,208 tons from 4,586,586. The number of passengers and pleasure craftlockages were lower in the current ^{May} month, declining to 10,442 and 5,541 from 17,367 and 6,168 respectively.

Sault Ste. Marie Canals - Canadian and United States Locks: The amount of freight transported through the combined system this June rose to 15,136,736 tons from 14,393,632, a gain of 743,104 tons or 5.2 per cent. Eastbound shipments of wheat advanced to 1,194,805 tons from 873,607; cargoes of barley rose to 282,782 tons from 238,582; iron ore increased to 13,089,227 tons from 12,857,711 and crude petroleum rose to 132,354 tons from 66,571. West-bound cargoes of bituminous coal totalled 1,522,089 tons as compared with 1,404,412 in June 1955.

Welland Ship Canal: The volume of freight shipped through the Welland Ship canal this June amounted to 3,194,672 tons as compared with the June 1955 total of 2,832,351. The advance of 362,321 tons or 12.8 per cent was due mainly to heavier traffic in such commodities as wheat, corn, rye, flaxseed, bituminous coal and iron ore. Wheat shipments totalled 567,828 tons as compared with 515,460 tons a year earlier; rye cargoes totalled 71,184 tons as against 6,830; flaxseed advanced to 42,375 tons from 15,138; bituminous coal rose to 736,979 tons from 642,025 and iron ore increased to 757,923 tons from 632,329. Shipments of barley declined, however, to 144,148 tons from 177,265 and fuel oil to 120,034 tons from 140,049. A total of 1,279 vessels of 2,702,125 net tons were cleared through the system, as compared with the June 1955 total of 1,322 vessels of 6,815,849 tons.

St. Lawrence Canals: The total weight of cargoes transported through the St. Lawrence system during June increased to 1,983,016 tons from 1,654,136 in June 1955, a gain of 328,880 tons or 19.9 per cent. Commodities which contributed to the overall increase include: rye which rose to 65,575 tons from 20,578; flaxseed which advanced to 29,439 tons from 17,056; iron ore which was up to 468,451 tons from 188,691 and crude petroleum which increased to 49,040 tons from 34,990. Lighter shipments were reported for wheat, barley and bituminous coal. Cargoes of wheat declined to 385,651 tons from 414,879; barley dropped to 104,068 tons from 138,777 and shipments of bituminous coal decreased to 229,913 tons from 243,348. Vessel passages numbered 1,604 aggregating 1,398,423 registered net tons as against 1,547 of 1,358,057 tons in the preceding June.

Prepared in the Public Finance and Transportation Division.

Transportation and Public Utilities Section.
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SUMMARY OF CANAL STATISTICS

	JUNE, 1956					Cumulative Tons of freight-1956
	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight	
ALL CANADIAN CANALS	4,423	5,042,208	10,442	5,541	5,810,740	13,393,155
Canso Canal	495	27,342	-	-	6,064	18,999
Murray Canal	15	2,128	25	170	-	-
Ottawa River Canals	221	50,227	-	775	43,200	81,900
Richelieu River Canal	95	13,645	126	-	12,463	32,999
Rideau Canal	16	638	93(1)	2,652	27	43
St. Andrew's Canal	8	600	-(2)	7	125	125
St. Lawrence Canals	1,604	1,398,423	12	108	1,983,016	4,403,677
St. Peter's Canal	30	629	-	-	27	562
Sault Ste. Marie Canal	649	846,278	10,180	87	571,141	1,017,313
Trent Canal	11	173	-(3)	1,742	5	12
Welland Ship Canal	1,279	2,702,125	6	-	3,194,672	7,837,525

JUNE, 1955

Cumulative-1955

ALL CANADIAN CANALS	3,861	4,586,586	17,367	6,168	4,809,532	12,119,165
Canso Canal	-	-	-	-	-	-
Murray Canal	10	6,451	-	225	-	300
Ottawa River Canals	179	42,576	-	1,192	37,050	78,575
Richelieu River Canal	101	13,979	13	-	11,702	34,120
Rideau Canal	20	596	78	2,555	70	76
St. Andrew's Canal	2	44	-	48	13	13
St. Lawrence Canals	1,547	1,358,057	-	104	1,654,136	3,843,119
St. Peter's Canal	75	3,220	-	-	889	2,036
Sault Ste. Marie Canals	586	538,532	17,259	88	273,303	690,202
Trent Canal	19	298	-	1,948	18	27
Welland Ship Canal	1,322	2,622,833	17	8	2,832,351	7,470,697

	June, 1956		June, 1955		Cumulative - 1956	Cumulative-1955
	Canadian lock	Canadian and U.S. locks	Canadian lock	Canadian and U.S. locks	Canadian and U.S. locks	Canadian and U.S. locks

SAULT STE. MARIE CANALS

EASTBOUND

Number of vessel passages	317	1,524	278	1,464	3,746	3,324
Registered net tonnage	393,645	6,763,364	213,889	6,285,206	16,763,633	14,511,965
Number of passengers	4,988	5,234	8,592	8,862	5,819	9,443

Commodities (Cargo tons)

Newsprint and wood pulp	25,272	25,272	25,492	25,492	60,144	73,139
Pulpwood	-	55,580	23,436	73,048	96,092	140,718
Wheat	258,801	1,194,805	25,029	873,607	3,447,534	2,753,711
Barley	58,836	282,782	29,183	238,582	816,589	767,529
Oats	51,602	70,767	10,590	63,229	255,439	251,303
Corn	-	-	-	7,710	1,362	107,762
Rye	3,781	99,288	443	15,576	243,284	160,545
Flaxseed	2,344	43,349	2,672	32,150	168,789	102,644
Flour	8,094	8,094	9,636	9,636	25,593	26,504
Other grain & mill products	26,517	28,117	27,590	27,590	84,570	53,717
Iron ore	-	13,089,227	-	12,857,711	31,098,421	27,693,490
Manufactured iron & steel	12,114	12,114	15,367	15,367	37,119	73,124
Pig iron	-	28,636	-	33,489	75,375	95,728
Scrap iron	2,400	36,112	-	25,044	104,106	71,644
Sand, gravel and stone	17,000	17,000	18,800	18,800	41,400	28,206
Petroleum, crude	-	132,354	-	66,571	361,171	167,237
Other petroleum products	7,930	7,930	-	-	14,490	3,000
All other freight	5,309	5,309	4,290	10,030	16,608	12,129
TOTAL FREIGHT	480,000	15,136,736	192,528	14,393,632	36,948,086	32,582,130

(1) (Exclusive of 3,586 paying passengers on sight seeing pleasure boat cruises.
(Exclusive of 7,323 passengers carried in pleasure craft.

(2) Exclusive of 26 passengers carried in pleasure craft.

(3) Exclusive of 8,012 passengers carried in small boats.

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

SUMMARY OF CANAL STATISTICS

	June, 1956		June, 1955		Cumulative-1956	Cumulative-1955
	Canadian lock	Canadian and U.S. locks	Canadian lock	Canadian and U.S. locks	Canadian and U.S. locks	Canadian and U.S. locks
<u>SAULT STE. MARIE CANALS</u>						
<u>WESTBOUND</u>						
Number of vessel passages	332	1,522	308	1,479	3,889	3,447
Registered net tonnage	452,633	6,806,576	324,643	6,277,309	17,403,128	15,076,024
Number of passengers	5,192	5,432	8,667	8,982	6,030	9,709
<u>Commodities (Cargo tons)</u>						
Cement	-	30,112	-	29,786	90,417	75,143
Coal, bituminous	14,494	1,522,089	14,441	1,404,412	3,993,700	3,233,641
Coal, anthracite	-	38,187	-	21,945	103,879	127,272
Coke	-	6,125	-	-	12,152	11,721
Iron ore	-	33,386	-	20,239	129,765	51,696
Manufactured iron & steel	526	45,066	95	24,088	95,429	72,660
Salt	88	13,575	264	8,988	35,272	17,802
Sand, gravel and stone	1,975	249,970	-	254,890	673,568	619,675
Gasoline	6,689	56,200	9,965	11,408	118,947	98,093
Fuel oil	25,091	65,280	14,719	64,860	149,963	124,535
Other petroleum products	1,651	2,641	1,732	1,732	8,522	25,260
Autos, trucks & parts	1,631	6,802	949	10,460	18,043	22,709
All other freight	38,996	63,644	38,610	50,749	137,491	136,877
TOTAL FREIGHT	91,141	2,133,077	80,775	1,903,557	5,567,148	4,617,084
<u>SAULT STE. MARIE CANALS</u>						
<u>TOTAL</u>						
Number of vessel passages	649	3,046	586	2,943	7,635	6,771
Registered net tonnage	846,278	13,569,940	538,532	12,562,515	34,166,761	29,587,989
Number of passengers	10,180	10,666	17,259	17,844	11,849	19,152
Number of pleasure craft	87	87	88	88	102	125
Tons of freight	571,141	17,269,813	273,303	16,297,189	42,515,234	37,199,214
<u>WELLAND SHIP CANAL</u>						
	June, 1956			June, 1955	1956	1955
	Up	Down	Total	Total	Cumulative Total	
Number of vessel passages	644	635	1,279	1,322	3,113	3,460
Registered net tonnage	1,358,171	1,343,954	2,702,125	2,622,833	6,815,849	7,126,233
Number of passengers	6	-	6	17	105	26
Number of pleasure craft	-	-	-	8	-	9
<u>Commodities (Cargo tons)</u>						
Wheat	630	567,198	567,828	515,460	1,137,631	1,071,540
Corn	-	34,780	34,780	19,977	86,918	64,436
Oats	-	34,141	34,141	32,190	81,784	109,037
Barley	-	144,148	144,148	177,265	414,728	570,773
Rye	-	71,184	71,184	6,830	174,736	128,989
Flaxseed	-	42,375	42,375	15,138	124,056	64,095
Other grain	-	22,408	22,408	1,013	71,087	39,621
Flour	-	1,880	1,880	575	3,138	3,738
Mill products	-	867	867	-	4,349	-
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	-	736,979	736,979	642,025	2,167,838	2,379,435
Coke	489	489	978	n.a.	4,886	n.a.
Iron ore	388,077	369,846	757,923	632,329	1,628,939	1,029,771
Petroleum, crude	-	135,554	135,554	123,564	439,146	357,972
Sand, gravel and stone	10,475	-	10,475	24,939	44,301	66,605
Salt	-	22,355	22,355	n.a.	45,105	n.a.
Fulwood	37,542	45,534	83,076	87,284	114,012	153,612
Gasoline	20,761	36,770	57,531	63,553	118,398	165,110
Fuel oil	58,920	61,114	120,034	140,049	296,101	325,345
Petroleum oils & other petroleum prod.	43,848	18,050	61,898	53,722	152,341	154,546
Iron and steel	9,606	5,018	14,624	n.a.	34,802	n.a.
Autos, trucks and parts	403	234	637	494	2,275	1,072
Wood pulp	11,670	3,040	14,710	7,453	27,121	18,657
Newsprint	35,612	4,153	39,765	40,218	117,466	135,535
Other manufactured products	19,983	18,819	38,802	n.a.	120,171	n.a.
All other freight	72,549	107,171	179,720	248,273	426,196	630,808
TOTAL FREIGHT	710,565	2,484,107	3,194,672	2,832,351	7,837,525	7,470,697



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SUMMARY OF CANAL STATISTICS

	June, 1956			June, 1955	1956	1955
	Up	Down	Total	Total	Cumulative Total	
<u>ST. LAWRENCE CANALS</u>						
Number of vessel passages	785	819	1,604	1,547	3,755	3,683
Registered net tonnage	685,247	713,176	1,398,423	1,358,057	3,273,365	3,261,160
Number of passengers	6	6	12	-	12	-
Number of pleasure craft			108	104	140	171
<u>Commodities (Cargo tons)</u>						
Wheat	-	385,651	385,651	414,879	866,763	856,191
Corn	-	22,371	22,371	14,826	71,144	58,155
Oats	-	22,581	22,581	28,756	50,490	61,265
Barley	-	104,068	104,068	138,777	319,329	435,049
Rye	-	65,575	65,575	20,578	146,612	134,249
Flaxseed	-	29,439	29,439	17,056	51,613	57,654
Other grain	-	5,081	5,081	1,013	10,367	8,752
Flour	-	2,419	2,419	575	3,473	3,005
Mill products	-	3,411	3,411	-	8,659	1,977
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	2,585	227,328	229,913	243,348	530,295	576,482
Coke	-	-	-	n.a.	3,908	n.a.
Iron ore	468,451	-	468,451	188,691	919,444	283,612
Petroleum, crude	49,040	-	49,040	34,990	112,830	95,490
Sand, gravel and stone	-	44,100	44,100	46,908	81,900	90,311
Salt	-	17,028	17,028	n.a.	37,376	n.a.
Pulpwood	66,908	-	66,908	58,456	94,520	102,056
Gasoline	1,450	10,200	11,650	14,650	25,975	29,139
Fuel oil	135,290	6,400	141,690	146,306	319,671	338,557
Petroleum oils & other petroleum prod.	8,700	6,591	15,291	16,386	43,900	37,586
Iron and steel	5,176	4,060	9,236	n.a.	31,224	n.a.
Autos, trucks and parts	290	202	492	418	1,214	605
Wood pulp	8,081	-	8,081	4,953	20,216	14,734
Newsprint	19,747	1,050	20,797	17,898	55,411	59,388
Other manufactured products	37,658	3,390	41,048	n.a.	93,959	n.a.
All other freight	124,764	93,931	218,695	244,672	503,384	598,862
TOTAL FREIGHT	928,140	1,054,876	1,983,016	1,654,136	4,403,677	3,843,119
<u>CANSO CANAL</u>						
Number of vessel passages	242	253	495	-	1,144	-
Registered net tonnage	13,570	13,772	27,342	-	74,727	-
Number of passengers	-	-	-	-	-	-
Number of pleasure craft	-	-	-	-	-	-
<u>Commodities (Cargo tons)</u>						
Grain	-	-	-	-	-	-
Fruit and vegetables	-	-	-	-	462	-
Fish	-	1,987	1,987	-	2,871	-
Coal	-	-	-	-	-	-
Coke	-	-	-	-	-	-
Ores	-	-	-	-	-	-
Pulpwood	-	-	-	-	-	-
Gasoline	1,915	-	1,915	-	2,461	-
Petroleum oils and other petroleum prod.	1,257	-	1,257	-	2,285	-
Iron and steel	-	-	-	-	-	-
Newsprint	-	-	-	-	-	-
All other freight	598	307	905	-	10,920	-
TOTAL FREIGHT	3,770	2,294	6,064	-	18,999	-