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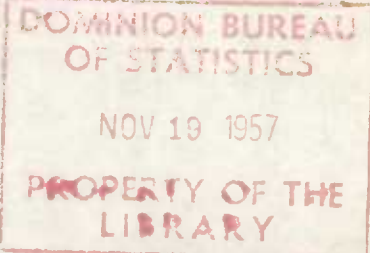
DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

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Memorandum



SUMMARY OF CANAL STATISTICS

SEPTEMBER, 1957

The volume of freight cleared through the eleven Canadian canals during September totalled 4,425,331 tons, a decrease of 516,327 tons or 10.4 per cent from the 4,941,658 tons recorded in September 1956. This marks the fourth consecutive month in which traffic has been down from last year. Decreases in freight tonnage were recorded by the Sault Ste. Marie, the Welland Ship, the St. Lawrence and three of the smaller canals. Commodities contributing mainly to the decline from the previous September were wheat, barley and iron ore through the Welland and St. Lawrence canals and, in addition, bituminous coal through the St. Lawrence. Vessel passages declined to 3,692 from 4,267 while registered net tonnage dropped to 3,948,375 from 4,328,503 tons. The number of passengers carried through the canals during September rose slightly to 11,153 from 11,050 one year ago. Pleasure craft lockages on the other hand declined to 6,591 from 7,142.

Sault Ste. Marie Canals - Canadian and United States Locks: The amount of freight shipped through the combined system in September declined to 15,335,098 from 16,447,076 tons in September 1956, a drop of 1,111,978 tons or 6.8 per cent. East bound shipments of iron ore accounted for most of the drop, falling to 12,178,266 from 12,938,357 tons. Westbound shipments of bituminous coal were also down, decreasing to 1,349,849 from 1,446,560 tons. Vessel passages declined to 2,833 from 2,924 with the registered net tonnage down to 12,160,675 from 12,778,521 tons.

Welland Ship Canal: The volume of freight cleared through the Welland canal during September amounted to 2,624,726 tons as compared with the September 1956 total of 2,784,258 tons. Iron ore registered the biggest drop, decreasing to 788,179 from 1,021,712 tons but declines were also recorded for a number of commodities including wheat, barley, crude petroleum and other freight. Among commodities which showed gains were: flaxseed 71,832 tons (as compared with 14,854 tons in September 1956); bituminous coal, 581,095 tons (533,695); and fuel oil, 142,412 tons (113,057). During the month a total of 1,089 vessels of 2,269,224 registered net tons passed through the canal as compared with the September 1956 total of 1,170 vessels of 2,387,945 net tons.

St. Lawrence Canals: Total freight transported through the St. Lawrence canals in September declined to 1,421,773 tons from 1,782,782 tons in September 1956, a decrease of 361,009 tons or 20.2 per cent. Although tonnages for a number of commodities including flaxseed, sand, pulpwood and iron and steel products were higher than in the previous September, an overall decrease was recorded as tonnages for a number of other commodities declined. Wheat shipments decreased to 152,297 from 269,551 tons, bituminous coal to 193,551 from 294,041 tons, and iron ore to 295,384 from 380,106 tons. The number of vessels fell to 1,408 from 1,529 while the registered net tonnage declined to 1,018,489 from 1,261,792 tons.

Prepared in the Transportation and Public Utilities Section
Public Finance and Transportation Division.

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SUMMARY OF CANAL STATISTICS

	September, 1957					Cumulative Tons of freight - 1957
	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight	
<u>ALL CANADIAN CANALS</u>	3,692	3,948,375	11,153	6,591	4,425,331	28,232,953
Canso Canal	136	26,918	7	-	23,419	225,008
Murray Canal	24	4,979	-	208	-	-
Ottawa River Canals	272	70,543	-	791	60,300	313,440
Richelieu River Canal	92	15,252	14	-	15,649	71,877
Rideau Canal	8	360	25(1)	2,292	10	5,722
St. Andrew's Canal	88	6,557	-(2)	89	838	4,110
St. Lawrence Canals	1,408	1,018,489	-	74	1,421,773	9,251,370
St. Peter's Canal	31	837	9	-	363	3,809
Sault Ste. Marie Canal	530	535,017	10,384	47	278,235	1,263,202
Trent Canal	14	199	-(3)	3,090	18	60
Welland Ship Canal	1,089	2,269,224	714	-	2,624,726	17,094,355

	September, 1956					Cumulative-1956
	Number of vessel passages	Registered net tonnage of vessels	Number of passengers	Number of pleasure craft	Tons of freight	
<u>ALL CANADIAN CANALS</u>	4,267	4,328,503	11,050	7,142	4,941,658	29,608,262
Canso Canal	389	25,246	-	-	3,860	32,838
Murray Canal	22	3,271	76	200	-	-
Ottawa River Canals	327	50,755	-	960	42,300	219,600
Richelieu River Canal	82	11,523	6	-	11,427	72,878
Rideau Canal	15	588	52	3,131	54	210
St. Andrew's Canal	94	8,479	2	138	2,706	6,549
St. Lawrence Canals	1,529	1,261,792	-	55	1,782,782	10,021,931
St. Peter's Canal	55	1,418	41	4	266	1,008
Sault Ste. Marie Canals	577	577,370	10,869	61	313,961	2,411,755
Trent Canal	7	116	-	2,591	44	223
Welland Ship Canal	1,170	2,387,945	4	2	2,784,258	16,841,270

	September, 1957		September, 1956		Cumulative-1957	Cumulative-1956
	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	294	1,424	272	1,476	8,426	7,640
Registered net tonnage	213,846	6,081,588	235,401	6,464,814	35,439,489	30,265,000
Number of passengers	9,015	9,723	5,549	5,800	89,216	61,774

Commodities (Cargo tons)

Newsprint and wood pulp	26,683	26,683	29,761	29,761	144,615	139,257
Pulpwood, lumber and logs	-	58,958	-	39,208	276,992	272,940
Wheat	54,109	658,279	52,043	674,271	4,395,487	6,294,070
Barley	28,219	161,763	31,137	276,873	970,327	1,694,138
Oats	16,177	96,169	12,027	96,111	545,635	616,243
Corn	-	-	-	-	61,378	1,362
Rye	-	7,483	-	31,094	152,969	443,900
Flaxseed	5,698	96,795	812	28,521	534,186	258,889
Flour	7,849	7,849	7,760	7,760	46,320	48,831
Other grain & mill products	23,293	34,357	35,348	43,448	144,558	206,109
Iron ore	-	12,178,266	-	12,938,357	70,131,220	54,663,776
Manufactured iron & steel	16,455	30,463	18,766	24,721	172,295	100,843
Pig iron	-	-	-	23,223	113,711	150,199
Scrap iron	-	21,952	-	54,914	163,274	218,425
Sand, gravel and stone	18,850	18,850	17,940	17,940	81,670	98,540
Petroleum, crude	-	122,240	-	133,637	659,740	762,530
Other petroleum products	900	5,265	4,600	4,600	23,095	21,090
All other freight	2,859	2,859	3,467	6,261	13,788	34,679
TOTAL FREIGHT	201,092	13,528,231	213,661	14,430,700	78,631,260	66,025,821

- (1) (Exclusive of 1,987 paying passengers on sight seeing pleasure boat cruises.
- (2) (Exclusive of 6,136 passengers carried in pleasure craft.
- (3) 315 passengers carried in pleasure craft
- (3) 10,171 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

	September, 1957		September, 1956		Cumulative -1957	Cumulative -1956
	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
WESTBOUND

Number of vessel passages	236	1,409	305	1,448	8,530	7,771
Registered net tonnage	321,171	6,079,087	341,969	6,313,707	35,944,648	30,837,096
Number of passengers	1,369	9,500	5,320	5,530	89,383	61,259

Commodities (Cargo tons)

Cement	-	34,566	-	28,440	169,599	162,936
Coal, bituminous	8,781	1,349,849	26,958	1,446,560	7,302,112	7,743,529
Coal, anthracite	-	23,232	-	88,474	273,337	344,773
Coke	-	7,014	-	983	67,320	15,658
Iron ore	-	44,191	-	62,036	266,558	273,822
Manufactured iron & steel	404	13,788	491	16,273	122,534	131,868
Scrap iron	-	-	-	n.a.	18,800	n.a.
Salt	3,310	23,723	3,279	10,342	89,721	75,248
Sand, gravel and stone	3,016	157,970	4,650	210,404	1,192,952	1,199,501
Gasoline	10,200	41,911	5,510	55,235	247,656	278,237
Fuel oil	22,461	71,077	17,150	44,052	334,767	335,065
Other petroleum products	1,501	1,501	1,411	1,411	13,851	23,300
Autos, trucks & parts	541	3,331	555	1,015	35,919	31,211
All other freight	26,929	34,714	40,296	51,151	263,959	300,578
TOTAL FREIGHT	77,143	1,806,867	100,300	2,016,376	10,399,085	10,915,726

SAULT STE. MARIE CANALS
TOTAL

Number of vessel passages	530	2,833	577	2,924	16,956	15,411
Registered net tonnage	535,017	12,160,675	577,370	12,778,521	71,384,137	61,102,096
Number of passengers	10,384	19,223	10,869	11,330	178,599	123,033
Number of pleasure craft	47	47	61	61	540	490
Tons of freight	278,235	15,335,098	313,961	16,447,076	89,030,345	76,941,547

	September, 1957			September 1956	1957	1956
	Up	Down	Total	Total	Cumulative Total	

WELLAND SHIP CANAL

Number of vessel passages	546	543	1,089	1,170	6,943	6,847
Registered net tonnage	1,129,981	1,139,243	2,269,224	2,387,945	14,808,102	14,657,738
Number of passengers	457	257	714	4	735	111
Number of pleasure craft	-	-	-	2	-	11

Commodities (Cargo tons)

Wheat	-	255,403	255,403	286,382	1,933,471	2,443,010
Corn	-	10,513	10,513	19,967	129,271	142,556
Oats	-	16,108	16,108	16,705	143,131	193,755
Barley	-	65,232	65,232	136,421	494,438	932,897
Rye	-	3,808	3,808	6,809	8,414	250,300
Flaxseed	-	71,832	71,832	14,854	471,934	195,712
Other grain	-	9,212	9,212	20,735	94,243	115,347
Flour	1,220	3,540	4,760	438	10,371	5,815
Mill products	-	-	-	1,234	7,737	12,222
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	-	581,095	581,095	533,695	4,490,537	4,333,045
Coke	-	10,405	10,405	4,014	25,905	16,290
Iron ore	293,714	494,465	788,179	1,021,712	4,616,058	3,821,666
Petroleum, crude	-	92,005	92,005	120,968	748,479	843,674
Sand, gravel and stone	12,836	13,454	26,290	9,619	88,649	117,816
Salt	-	25,679	25,679	15,171	92,225	101,019
Pulpwood	89,510	22,726	112,236	93,114	443,692	407,689
Gasoline	27,668	17,571	45,239	44,576	222,377	254,527
Fuel oil	40,257	102,155	142,412	113,057	782,329	727,085
Petroleum oils & other petroleum prod.	22,344	27,793	50,137	63,942	342,472	358,285
Iron and steel	7,446	44,216	51,662	19,980	181,031	86,690
Autos, trucks and parts	412	23	435	525	4,487	7,906
Wood pulp	6,992	2,760	9,752	2,926	31,909	47,627
Newsprint	44,751	2,190	46,941	43,468	316,578	247,464
Other manufactured products	22,683	35,994	58,677	33,858	249,285	259,147
All other freight	65,233	81,481	146,714	160,088	1,165,332	919,726
TOTAL FREIGHT	635,066	1,989,660	2,624,726	2,784,258	17,094,355	16,841,270



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SUMMARY OF CANAL STATISTICS

	September, 1957			September 1956	1957	1956
	Up	Down	Total	Total	Cumulative Total	
ST. LAWRENCE CANALS						
Number of vessel passages	700	708	1,408	1,529	8,671	8,629
Registered net tonnage	503,086	515,403	1,018,489	1,261,792	6,593,116	7,314,052*
Number of passengers	-	-	-	-	92	26
Number of pleasure craft	-	-	74	55	757	686
Commodities (Cargo tons)						
Wheat	-	152,297	152,297	269,551	1,500,210	1,960,392
Corn	-	11,064	11,064	12,066	88,176	110,107
Oats	-	9,681	9,681	16,163	95,109	123,148
Barley	--	25,690	25,690	124,794	339,037	777,547
Rye	-	-	-	-	4,605	158,437
Flaxseed	-	83,762	83,762	8,752	399,726	97,223
Other grain	-	1,428	1,428	1,592	12,932	11,959
Flour	-	2,984	2,984	918	10,828	5,684
Mill products	1,650	-	1,650	1,245	6,264	14,306
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	2,072	191,479	193,551	294,041	1,339,611	1,284,382
Coke	-	5,654	5,654	2,883	11,922	13,920
Iron ore	295,384	-	295,384	380,106	2,111,420	2,074,322
Petroleum, crude	5,475	-	5,475	44,800	41,149	243,410
Sand, gravel and stone	-	62,100	62,100	42,570	308,000	218,075
Salt	-	15,178	15,178	8,739	63,573	94,414
Fulpwood	110,272	-	110,272	89,009	377,625	373,431
Gasoline	4,650	11,710	16,360	19,525	87,638	73,457
Fuel oil	74,446	11,928	86,374	147,558	559,327	686,241
Petroleum oils & other petroleum prod.	14,114	2,942	17,056	23,024	103,372	108,115
Iron and steel	1,567	53,640	55,207	14,363	187,318	71,013
Autos, trucks and parts	664	5	669	14	2,918	3,180
Wood pulp	7,805	-	7,805	651	23,563	36,635
Newsprint	26,315	-	26,315	21,700	178,524	113,874
Other manufactured products	17,013	28,467	45,480	40,311	174,295	223,566
All other freight	96,142	94,195	190,337	217,407	1,224,228	1,145,093
TOTAL FREIGHT	657,569	764,204	1,421,773	1,782,782	9,251,370	10,021,931
CANSO CANAL						
Number of vessel passages	62	74	136	389	854	2,387
Registered net tonnage	11,431	15,487	26,918	25,246	239,413	134,400
Number of passengers	-	7	7	-	16	-
Number of pleasure craft	-	-	-	-	-	-
Commodities (Cargo tons)						
Grain	-	-	-	-	-	-
Fruit and vegetables	-	43	43	43	688	505
Fish	-	1,770	1,770	2,036	7,663	10,548
Coal	-	-	-	-	25	-
Coke	-	-	-	-	-	-
Ores	-	-	-	-	4,307	-
Pulpwood	2,100	-	2,100	-	13,728	-
Gasoline	2,361	3,600	5,961	575	81,969	4,183
Petroleum oils and other petroleum prod.	1,300	-	1,300	485	44,173	4,675
Iron and steel	-	-	-	-	3,150	-
Newsprint	-	-	-	-	870	-
All other freight	6,713	5,532	12,245	721	68,435	12,927
TOTAL FREIGHT	12,474	10,945	23,419	3,860	225,008	32,838