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SUMMARY OF CANAL STATISTICS FOR DECEMBER AND SEASON OF NAVIGATION, 1957

The total volume of freight locked through the eleven Canadian canals during the 1957 season of navigation amounted to 37,231,330 tons, 7 per cent below the modern record of 40,016,565 tons achieved in 1956. Freight traffic declined on all three major canals, the Sault Ste. Marie by 40 per cent, the St. Lawrence by almost 10 per cent and the Welland Ship canal by 3 per cent. Traffic on the Canso canal rose to 395,795 tons from 68,395, and on the Ottawa system to 356,640 tons from 283,500. Vessel passages totalled 29,432 for the year as against 32,865 in 1956 while registered net tonnage amounted to 33,122,019 tons as compared with 36,022,936.

SAULT STE. MARIE CANALS - CANADIAN AND UNITED STATES LOCKS: Although the volume of freight carried through the Canadian lock during the 1957 season of navigation fell to 1,784,700 tons from 2,989,278, freight shipped through the combined system rose 2.5 per cent to 111,792,230 tons from 109,097,606. The increase was due primarily to increased eastbound shipments of iron ore which in advancing to 86,187,035 tons from 78,702,824 more than offset decreased tonnages in eastbound shipments of wheat and barley as well as westbound shipments of bituminous coal. Although the number of vessel passages at 21,303 remained virtually unchanged from the previous year, registered net tonnage rose to 90,380,270 from 88,100,937.

WELLAND SHIP CANAL: Freight transported through the Welland Ship Canal amounted to 22,373,869 tons as compared with 23,066,261 in the previous year, a decrease of 692,392 tons or 3 per cent. Commodities mainly responsible for the decline were wheat, barley, bituminous coal and crude petroleum. Wheat shipments dropped to 2,763,745 tons from 3,195,295, barley to 763,249 tons from 1,314,163, bituminous coal to 5,504,683 tons from 5,625,585 and crude petroleum to 947,740 tons from 1,199,744. Several commodities including flaxseed iron ore and pulpwood registered increases. Vessel passages numbered 9,154 and aggregated 19,476,027 registered net tons whereas in 1956, 9,360 vessels aggregated 20,206,770 tons.

ST. LAWRENCE CANAL: Total freight carried through the St. Lawrence system declined 9.7 per cent to 12,191,142 tons from 13,499,698 in 1956. Commodities which moved in reduced volume included wheat, barley, bituminous coal, iron ore and fuel oil. Wheat fell 19.4 per cent to 2,085,263 tons, barley 53.0 per cent to 494,524 tons, bituminous coal 7.2 per cent to 1,642,773 tons, iron ore 4.5 per cent to 2,497,045 tons and fuel oil 18.8 per cent to 734,914 tons. Shipments of flaxseed, sand, gasoline and other freight registered increases. A total of 11,546 vessels aggregating 8,890,933 registered net tons passed through the system as against 11,650 vessels of 9,984,651 net tons in 1956.

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

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SUMMARY OF CANAL STATISTICS

	December, 1957		December, 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	35	110	54	298	10,651	10,657
Registered net tonnage	53,042	307,384	67,940	1,131,981	45,197,480	44,061,167
Number of passengers	-	-	2	2	89,492	61,339
Commodities (Cargo tons)						
Cement	-	-	-	-	221,222	167,901
Coal, bituminous	-	-	-	73,893	8,989,857	10,238,048
Coal, anthracite	-	-	-	-	304,300	458,295
Coke	-	-	-	-	82,161	21,672
Iron ore	-	-	-	-	337,619	382,784
Manufactured iron & steel	-	-	-	2,410	166,447	188,803
Scrap iron	-	-	-	n.a.	18,800	n.a.
Salt	68	6,473	207	3,237	133,411	113,261
Sand, gravel and stone	-	-	-	39,743	1,497,243	1,653,633
Gasoline	4,900	4,900	-	-	360,335	375,130
Fuel oil	5,850	10,174	2,680	6,978	467,716	455,190
Other petroleum products	118	118	501	501	15,092	27,538
Autos, trucks & parts	11	155	275	494	42,947	39,268
All other freight	7,718	11,587	12,181	14,881	368,132	403,366
TOTAL FREIGHT	18,665	33,407	15,844	142,137	13,005,282	14,525,609
SAULT STE. MARIE CANALS						
TOTAL						
Number of vessel passages	66	259	103	708	21,303	21,309
Registered net tonnage	82,853	767,916	100,378	2,785,929	90,380,270	88,100,937
Number of passengers	2	2	3	3	178,804	123,245
Number of pleasure craft	-	-	-	-	569	513
Tons of freight	42,766	899,837	57,036	3,508,468	111,792,230	109,097,606
	December, 1957			December 1956	1957	1956
	Up	Down	Total	Total	Cumulative Total	
WELLAND SHIP CANAL						
Number of vessel passages	107	144	251	384	9,154	9,360
Registered net tonnage	218,325	309,095	527,420	895,686	19,476,027	20,206,770
Number of passengers	-	-	-	-	738	114
Number of pleasure craft	-	-	-	-	-	11
Commodities (Cargo tons)						
Wheat	10,187	181,777	191,964	161,078	2,763,745	3,195,295
Corn	-	35,463	35,463	40,011	261,380	293,536
Oats	-	5,480	5,480	3,995	236,716	319,024
Barley	-	37,619	37,619	45,606	763,249	1,314,163
Rye	-	-	-	-	24,886	253,792
Flaxseed	-	23,006	23,006	10,628	600,408	385,379
Other grain	-	66,901	66,901	58,568	314,459	296,315
Flour	-	-	-	-	12,341	6,505
Mill products	-	-	-	-	9,111	14,364
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	-	36,610	36,610	219,466	5,504,683	5,625,585
Coke	-	5,366	5,366	-	48,046	27,612
Iron ore	10,500	-	10,500	20,479	5,483,746	5,298,719
Petroleum, crude	-	-	-	109,254	947,740	1,199,744
Sand, gravel and stone	4,068	-	4,068	7,844	149,833	134,232
Salt	-	12,000	12,000	-	137,360	130,095
Pulpwood	3,000	-	3,000	4,700	561,216	524,614
Gasoline	5,630	5,200	10,830	14,059	352,456	334,977
Fuel oil	5,998	53,682	59,680	97,656	994,732	1,015,649
Petroleum oils & other petroleum prod.	-	18,554	18,554	11,200	489,216	446,760
Iron and steel	2,500	2,857	5,357	295	232,411	124,930
Autos, trucks and parts	156	-	156	273	5,525	9,362
Wood pulp	1,343	-	1,343	4,800	49,980	72,288
Newsprint	22,467	-	22,467	14,805	453,974	356,890
Other manufactured products	5,703	8,225	13,928	6,855	411,712	353,938
All other freight	13,348	24,875	38,223	57,179	1,564,944	1,332,493
TOTAL FREIGHT	84,900	517,615	602,515	888,751	22,373,869	23,066,261



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SUMMARY OF CANAL STATISTICS

	December, 1957			December 1956	1957	1956
	Up	Down	Total	Total	Cumulative Total	
<u>ST. LAWRENCE CANALS</u>						
Number of vessel passages	133	131	264	204	11,546	11,650 X
Registered net tonnage	91,091	88,124	179,215	220,869	8,890,933	9,984,651 X
Number of passengers	-	-	-	-	141	36
Number of pleasure craft	-	-	-	-	849	715
<u>Commodities (Cargo tons)</u>						
Wheat	-	50,112	50,112	62,373	2,085,263	2,586,671
Corn	-	23,282	23,282	16,189	182,040	193,464
Oats	-	2,707	2,707	5,070	157,684	196,585
Barley	-	4,542	4,542	14,587	494,524	1,052,468
Rye	-	651	651	-	11,296	163,770
Flaxseed	-	18,374	18,374	16,501	518,807	262,557
Other grain	-	516	516	800	35,130	35,015
Flour	-	1,834	1,834	-	18,604	6,374
Mill products	-	-	-	-	8,412	15,930
Coal, anthracite	-	-	-	-	-	2,688
Coal, bituminous	-	2,071	2,071	30,970	1,642,773	1,771,101
Coke	-	-	-	960	22,497	16,380
Iron ore	-	-	-	1,933	2,497,045	2,616,041
Petroleum, crude	-	-	-	-	61,399	319,063
Sand, gravel and stone	-	-	-	-	352,100	285,075
Salt	-	-	-	-	90,163	113,759
Pulpwood	-	-	-	-	488,633	486,756
Gasoline	-	1,400	1,400	1,700	131,438	107,500
Fuel oil	4,250	-	4,250	8,970	734,914	905,601
Petroleum oils & other petroleum prod.	-	100	100	1,600	144,676	138,317
Iron and steel	2,500	2,822	5,322	-	245,195	97,963
Autos, trucks and parts	-	-	-	-	4,060	3,806
Wood pulp	2,210	-	2,210	2,600	43,175	55,220
Newsprint	6,139	-	6,139	-	253,280	164,645
Other manufactured products	2,600	-	2,600	3,800	263,637	284,419
All other freight	9,504	14,494	23,998	36,415	1,704,397	1,618,530
TOTAL FREIGHT	27,203	122,905	150,108	204,468	12,191,142	13,499,698
<u>CANSO CANAL</u>						
Number of vessel passages	26	49	75	175	1,271	3,409
Registered net tonnage	13,622	19,542	33,164	25,919	411,427	249,100
Number of passengers	-	-	-	-	16	-
Number of pleasure craft	-	-	-	-	-	-
<u>Commodities (Cargo tons)</u>						
Grain	-	-	-	-	-	-
Fruit and vegetables	-	9,170	9,170	1,340	18,203	2,988
Fish	-	1,129	1,129	886	12,516	15,188
Coal	-	-	-	55	570	125
Coke	-	-	-	-	-	-
Ores	-	-	-	-	19,431	-
Pulpwood	-	-	-	600	22,028	600
Gasoline	3,659	-	3,659	3,500	120,206	16,094
Petroleum oils and other petroleum prod.	7,150	3,000	10,150	2,800	79,373	15,723
Iron and steel	-	-	-	-	3,150	-
Newsprint	-	-	-	-	870	-
All other freight	1,890	2,800	4,690	495	119,448	17,577
TOTAL	12,699	16,099	28,798	9,676	395,795	68,295