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DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA



Memorandum

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SUMMARY OF CANAL STATISTICSNOVEMBER, 1957

The total tonnage of freight locked through the eleven Canadian canals in November amounted to 3,491,058 tons, a decrease of 637,259 tons or 15.4 per cent from the November 1956 total of 4,128,317 tons. Decreases in freight traffic were registered by the three major systems, the Sault Ste. Marie, the Welland Ship and the St. Lawrence, as well as the Ottawa River and Trent canals. Commodities primarily responsible for the general decrease from the previous November were barley, flaxseed and iron ore through the Welland and St. Lawrence canals and bituminous coal through the St. Lawrence. The number of vessel passages decreased to 2,602 from 3,251 and the registered net tonnage declined to 3,279,101 tons from 3,727,416 in November 1956.

Sault Ste. Marie Canals - Canadian and United States Locks: The amount of freight shipped through the combined system this November fell to 7,511,573 tons from 12,253,093 in November 1956, a drop of 4,741,520 tons or 38.7 per cent, due mainly to decreased eastbound shipments of iron ore which declined to 4,694,331 tons from 9,007,899 and westbound cargoes of bituminous coal which dropped to 554,751 tons from 1,081,059. The number of vessel passages decreased to 1,462 from 2,287 while the registered net tonnage declined to 6,353,337 tons from 10,580,421 in the preceding November.

Welland Ship Canal: The volume of freight transported through the Welland Ship canal in November decreased to 1,965,044 tons from 2,348,532 in November 1956, a decline of 383,488 tons or 16.3 per cent. Iron ore registered the biggest drop, decreasing to 203,715 tons from 559,853, and declines were also recorded for a number of other commodities including barley, flaxseed and crude petroleum. During the month a total of 808 vessels of 1,764,298 registered net tons was cleared through the canal as compared with the November 1956 total of 947 vessels of 2,069,535 net tons.

St. Lawrence Canals: Total freight carried through the St. Lawrence system during November amounted to 1,224,556 tons as compared with 1,482,696 tons in November 1956, a decline of 258,140 tons or 17.4 per cent. Although the tonnages of a number of commodities including wheat, flour, gasoline and iron and steel products were higher than in the preceding November, an overall decrease was recorded as tonnages fell for such commodities as barley, flaxseed, bituminous coal and iron ore. Barley shipments decreased to 90,226 tons from 149,110, flaxseed to 50,301 tons from 109,104, bituminous coal to 108,443 tons from 203,813 and iron ore to 65,171 tons from 187,341 in November 1956. Vessel passages numbered 1,207 and aggregated 1,038,635 registered net tons as against 1,360 vessels and 1,166,154 net tons in the previous November.

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

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SUMMARY OF CANAL STATISTICS

	November, 1957		November, 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	150	705	150	1,143	10,541	10,359
Registered net tonnage	223,742	3,028,568	223,865	5,283,495	44,890,096	42,292,186
Number of passengers	10	26	8	11	89,492	61,337
Commodities (Cargo tons)						
Cement	-	44,941	-	4,965	221,222	167,901
Coal, bituminous	3,380	554,751	23,675	1,081,059	8,989,857	10,164,155
Coal, anthracite	-	9,270	-	47,177	304,300	458,295
Coke	-	-	-	-	82,161	21,672
Iron ore	-	23,758	-	47,138	337,619	382,734
Manufactured iron & steel	224	23,627	1,332	30,326	166,447	186,393
Scrap iron	-	-	-	n.a.	18,800	n.a.
Salt	3,200	27,449	386	16,778	126,938	110,024
Sand, gravel and stone	-	93,707	3,817	201,046	1,497,243	1,613,890
Gasoline	23,110	58,380	7,833	40,148	355,435	375,130
Fuel oil	20,848	54,329	26,119	63,416	457,542	448,932
Other petroleum products	251	407	3,220	3,220	14,974	27,037
Autos, trucks & parts	414	1,159	450	1,745	42,792	38,774
All other freight	26,423	39,157	35,344	38,589	356,545	388,485
TOTAL FREIGHT	77,850	930,935	102,176	1,575,607	12,971,875	14,383,472
SAULT STE. MARIE CANALS						
TOTAL						
Number of vessel passages	275	1,462	290	2,287	21,044	20,601
Registered net tonnage	380,203	6,353,337	391,860	10,580,421	89,612,354	85,315,008
Number of passengers	32	54	42	48	178,802	123,242
Number of pleasure craft	5	5	1	1	569	513
Tons of freight	203,283	7,511,573	244,256	12,253,093	110,892,393	105,589,138

	November, 1957			November 1956	1957	1956
	Up	Down	Total	Total	Cumulative Total	

WELAND SHIP CANAL

Number of vessel passages	390	418	808	947	8,903	8,976
Registered net tonnage	871,524	892,774	1,764,298	2,069,535	18,948,607	19,311,084
Number of passengers	-	-	-	3	738	114
Number of pleasure craft	-	-	-	-	-	11

Commodities (Cargo tons)

Wheat	-	379,701	379,701	314,172	2,571,781	3,034,217
Corn	-	68,088	68,088	76,623	225,917	253,525
Oats	1,700	51,225	52,925	46,124	231,236	315,029
Barley	3,840	118,307	122,147	178,887	725,630	1,268,557
Rye	-	2,001	2,001	-	24,886	253,792
Flaxseed	-	45,813	45,813	113,157	577,402	374,751
Other grain	-	40,417	40,417	48,697	247,558	237,747
Flour	200	525	725	375	12,341	6,505
Mill products	-	1,374	1,374	-	9,111	14,364
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	-	414,314	414,314	414,191	5,468,073	5,406,119
Coke	1,200	11,665	12,865	7,000	42,680	27,612
Iron ore	151,042	52,673	203,715	559,853	5,473,246	5,278,240
Petroleum, crude	-	76,614	76,614	114,863	947,740	1,090,490
Sand, gravel and stone	9,938	1,624	11,562	-	145,765	126,388
Salt	-	9,389	9,389	10,427	125,360	130,095
Pulpwood	30,460	-	30,460	32,240	558,216	519,914
Gasoline	23,525	30,876	54,401	30,159	341,626	320,918
Fuel oil	30,763	34,383	65,146	79,096	935,052	917,993
Petroleum oils & other petroleum prod.	24,252	18,782	43,034	30,893	470,662	435,560
Iron and steel	6,819	16,585	23,404	11,451	227,054	124,635
Autos, trucks and parts	590	2	592	730	5,369	9,089
Wood pulp	11,365	-	11,365	5,518	48,637	67,488
Newsprint	59,016	-	59,016	48,882	431,507	342,085
Other manufactured products	16,663	44,247	60,910	33,054	397,784	347,083
All other freight	67,620	107,446	175,066	192,140	1,526,721	1,275,314
TOTAL FREIGHT	438,993	1,526,051	1,965,044	2,348,532	21,771,354	22,177,510

SUMMARY OF CANAL STATISTICS



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	November, 1957			November 1956	1957	1956
	Up	Down	Total	Total	Cumulative Total	
<u>ST. LAWRENCE CANALS</u>						
Number of vessel passages	577	630	1,207	1,360	11,282	11,447
Registered net tonnage	507,035	531,600	1,038,635	1,166,154	8,711,718	9,763,903 x
Number of passengers	-	-	-	6	141	36
Number of pleasure craft	-	-	23	2	849	715

Commodities (Cargo tons)

Wheat	-	320,714	320,714	255,615	2,035,151	2,524,298
Corn	-	46,516	46,516	42,753	158,758	177,275
Oats	-	31,406	31,406	30,650	154,977	191,515
Barley	-	90,226	90,226	149,110	489,982	1,037,881
Rye	-	2,452	2,452	3,519	10,645	163,770
Flaxseed	-	50,301	50,301	109,014	500,433	246,056
Other grain	-	7,203	7,203	4,275	34,614	34,215
Flour	-	4,498	4,498	375	16,770	6,374
Mill products	-	1,373	1,373	-	8,412	15,930
Coal, anthracite	-	-	-	2,688	-	2,688
Coal, bituminous	-	108,443	108,443	203,813	1,640,702	1,740,131
Coke	-	6,665	6,665	1,500	22,497	15,420
Iron ore	65,171	-	65,171	187,341	2,497,045	2,614,108
Petroleum, crude	9,300	-	9,300	31,850	61,399	319,063
Sand, gravel and stone	-	-	-	28,800	352,100	285,075
Salt	-	11,966	11,966	6,627	90,163	113,759
Pulpwood	27,120	-	27,120	35,588	488,633	486,756
Gasoline	4,500	15,050	19,550	13,243	130,038	105,800
Fuel oil	73,338	4,423	77,761	77,985	730,664	896,631
Petroleum oils & other petroleum prod.	10,750	6,932	17,682	16,863	144,576	136,717
Iron and steel	4,868	15,275	20,143	10,013	239,873	97,963
Autos, trucks and parts	404	2	406	242	4,060	3,806
Wood pulp	12,700	-	12,700	6,583	40,965	52,620
Newsprint	38,963	-	38,963	29,905	247,141	164,645
Other manufactured products	14,367	18,425	32,842	20,252	261,037	280,619
All other freight	99,319	121,836	221,155	214,092	1,680,399	1,582,115
TOTAL FREIGHT	360,800	863,756	1,224,556	1,482,696	12,041,034	13,295,230

CANSO CANAL

Number of vessel passages	79	90	169	416	1,196	3,234
Registered net tonnage	37,889	36,144	74,033	50,043	378,263	223,181
Number of passengers	-	-	-	-	16	-
Number of pleasure craft	-	-	-	-	-	-

Commodities (Cargo tons)

Grain	-	-	-	-	-	-
Fruit and vegetables	-	5,521	5,521	957	9,033	1,648
Fish	-	1,882	1,882	1,760	11,387	14,302
Coal	545	-	545	10	570	70
Coke	-	-	-	-	-	-
Ores	-	7,081	7,081	-	19,431	-
Pulpwood	5,200	2,100	7,300	-	22,028	-
Gasoline	6,850	13,332	20,182	4,861	116,547	12,594
Petroleum oils and other petroleum prod.	15,284	1,475	16,759	5,928	69,223	12,923
Iron and steel	-	-	-	-	3,150	-
Newsprint	-	-	-	-	870	-
All other freight	13,800	4,439	18,239	2,271	114,758	17,082
TOTAL	41,679	35,830	77,509	15,787	366,997	58,619