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DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

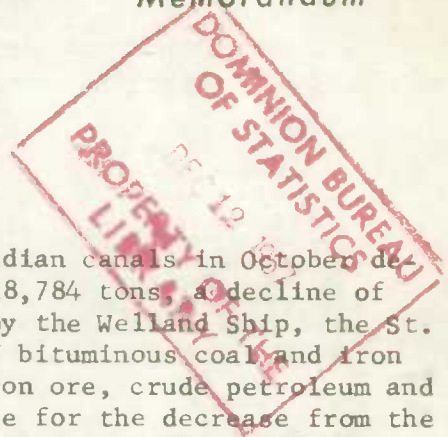
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Memorandum

SUMMARY OF CANAL STATISTICS

OCTOBER, 1957



The tonnage of freight transported through the Canadian canals in October decreased to 4,683,057 tons, from the October 1956, total of 5,118,784 tons, a decline of 435,727 tons or 8.5 per cent. Decreased traffic was reported by the Welland Ship, the St. Lawrence and three of the smaller canals. Lighter shipments of bituminous coal and iron ore through the Welland, and wheat, barley, bituminous coal, iron ore, crude petroleum and fuel oil through the St. Lawrence canals were mainly responsible for the decrease from the previous October. The number of vessel passages dropped to 3,623 from 3,964 while the registered net tonnage fell to 4,083,979 tons from 4,567,420. A total of 1,504 pleasure craft passed through the locks as against 1,499 in October 1956, and the number of passengers carried totalled 230 as compared with 151.

Sault Ste. Marie Canals - Canadian and United States Locks: Although the volume of freight cleared through the Canadian lock in October rose to 275,449 tons from 275,391 in October 1956, the total shipped through the combined system fell to 14,350,475 tons from 16,394,498, a decrease of 2,044,023 tons or 12.5 per cent. Eastbound shipments of iron ore declined to 11,330,180 tons from 13,087,974, and westbound cargoes of bituminous coal decreased to 1,132,994 tons from 1,339,567. The number of vessels and the registered net tonnage decreased to 2,626 and 11,874,880 from 2,903 and 13,632,491 respectively.

Welland Ship Canal: Total freight transported through the Welland Ship canal this October amounted to 2,711,955 tons as compared with the October 1956 total of 2,987,708. The decrease of 275,753 tons or 9.2 per cent was due mainly to lighter traffic in such commodities as wheat, barley, bituminous coal, iron ore, gasoline and fuel oil. Wheat shipments totalled 258,609 tons as compared with 277,035 tons a year earlier; barley cargoes totalled 109,045 tons as against 156,773; bituminous coal declined to 563,222 tons from 658,883; iron ore decreased to 653,473 tons from 896,721 and fuel fell to 87,577 tons from 111,812. Shipments of petroleum oils, however, rose to 85,156 tons from 46,382 and other freight to 186,323 tons from 163,448. A total of 1,152 vessels of 2,376,207 net tons was cleared through the system as compared with the October 1956 total of 1,182 vessels of 2,583,811 tons.

St. Lawrence Canals: The total volume of cargoes shipped through the St. Lawrence system during October decreased to 1,565,108 tons from 1,790,603 in October 1956, a decline of 225,495 tons or 12.6 per cent. Commodities which mainly contributed to the overall decrease were wheat which dropped to 214,227 tons from 308,291; barley which decreased to 60,719 tons from 111,224; bituminous coal which declined to 192,648 tons from 251,936 and iron ore which was down to 320,454 tons from 352,445. Heavier shipments were registered for flaxseed, petroleum oils, iron and steel products, wood pulp and other freight. Vessel passages numbered 1,404 aggregating 1,079,967 registered net tons as compared with 1,458 vessels of 1,283,697 net tons in October 1956.

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

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SUMMARY OF CANAL STATISTICS

	October, 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>	3,623	4,083,979	230	1,504	4,683,057	32,916,010
Canso Canal	173	64,817	-	-	64,480	289,488
Murray Canal	21	5,520	-	71	690	690
Ottawa River Canals	194	49,661	-	258	43,200	356,640
Richelieu River Canal	127	22,660	-	-	20,392	92,269
Rideau Canal	17	706	87(1)	526	112	5,834
St. Andrew's Canal	94	6,693	-(2)	32	1,330	5,440
St. Lawrence Canals	1,404	1,079,967	49	69	1,565,108	10,816,478
St. Peter's Canal	38	2,617	2	-	332	4,141
Sault Ste. Marie Canal	399	473,922	89	24	275,449	1,538,651
Trent Canal	4	1,209	-(3)	524	9	69
Welland Ship Canal	1,152	2,376,207	3	-	2,711,955	19,806,310

	October, 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>	3,964	4,567,420	151	1,499	5,118,784	34,727,046
Canso Canal	431	38,738	-	-	9,994	42,832
Murray Canal	17	5,078	52	54	-	-
Ottawa River Canals	249	43,725	-	165	36,000	255,600
Richelieu River Canal	111	16,582	4	-	17,226	90,104
Rideau Canal	9	384	31	604	189	399
St. Andrew's Canal	94	6,742	-	44	1,520	8,069
St. Lawrence Canals	1,458	1,283,697	4	27	1,790,603	11,812,534
St. Peter's Canal	24	646	-	2	110	1,118
Sault Ste. Marie Canals	384	587,935	60	22	275,391	2,687,146
Trent Canal	5	82	-	581	43	266
Welland Ship Canal	1,182	2,583,811	-	-	2,987,708	19,828,978

	October, 1957		October, 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	187	1,320	170	1,458	9,746	9,098
Registered net tonnage	189,301	5,958,000	214,671	6,823,896	41,397,489	37,088,896
Number of passengers	44	66	47	94	89,282	61,868

Commodities (Cargo tons)

Newspprint and wood pulp	22,252	26,152	30,624	30,624	170,767	169,881
Pulpwood, lumber and logs	75	41,575	7,600	55,494	318,567	328,434
Wheat	30,674	511,956	25,274	537,760	4,907,443	6,831,830
Barley	33,727	319,872	16,536	270,889	1,290,199	1,965,027
Oats	12,141	118,543	19,607	156,361	664,178	772,604
Corn	-	-	-	-	61,378	1,362
Rye	896	21,144	810	7,548	174,113	451,448
Flaxseed	2,300	75,952	-	99,930	610,138	358,819
Flour	8,327	8,327	8,090	8,090	54,647	56,921
Other grain & mill products	20,876	27,489	31,514	35,306	172,047	241,415
Iron ore	-	11,330,180	-	13,087,974	81,461,400	67,751,750
Manufactured iron & steel	14,196	27,680	13,862	17,604	199,975	118,447
Pig iron	-	23,594	-	16,977	137,305	167,176
Scrap iron	-	31,926	-	30,235	195,200	248,660
Sand, gravel and stone	22,340	22,340	16,000	16,000	104,010	114,540
Petroleum, crude	-	107,315	-	115,839	767,055	878,369
Other petroleum products	4,200	6,900	8,150	8,150	29,995	29,240
All other freight	1,103	7,675	2,268	7,578	21,463	42,257
TOTAL FREIGHT	173,107	12,708,620	180,335	14,502,359	91,339,880	80,528,180

- (1) (Exclusive of 630 paying passengers on sight seeing pleasure boat cruises.
- (2) (Exclusive of 1,227 passengers carried in pleasure craft.
- (3) 94 passengers carried in pleasure craft.
- (3) 1,933 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

	October, 1957		October, 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						
<u>WESTBOUND</u>						
Number of vessel passages	212	1,306	214	1,445	9,836	9,216
Registered net tonnage	284,621	5,916,880	373,264	6,808,595	41,861,528	37,645,691
Number of passengers	45	83	13	67	89,466	61,326
<u>Commodities (Cargo tons)</u>						
Cement	-	6,682	-	-	176,281	162,936
Coal, bituminous	11,940	1,132,994	11,452	1,339,567	8,435,106	9,083,096
Coal, anthracite	-	21,693	-	66,345	295,030	411,118
Coke	-	14,841	-	6,014	82,161	21,672
Iron ore	-	47,303	-	61,824	313,861	335,646
Manufactured iron & steel	321	20,286	917	24,199	142,820	156,067
Scrap iron	-	-	-	n.a.	18,800	n.a.
Salt	3,162	9,768	4,679	17,998	99,489	93,246
Sand, gravel and stone	3,033	210,584	3,803	213,343	1,403,536	1,412,844
Gasoline	17,585	49,399	10,900	56,745	297,055	334,982
Fuel oil	25,500	68,446	21,159	50,451	403,213	385,516
Other petroleum products	716	716	517	517	14,567	23,817
Autos, trucks & parts	210	5,714	1,126	5,818	41,633	37,029
All other freight	39,875	53,429	40,503	49,318	317,388	349,896
TOTAL FREIGHT	102,342	1,641,855	95,056	1,892,139	12,040,940	12,807,865

SAULT STE. MARIE CANALS
TOTAL

Number of vessel passages	399	2,626	384	2,903	19,582	18,314
Registered net tonnage	473,922	11,874,880	587,935	13,632,491	83,259,017	74,734,587
Number of passengers	89	149	60	161	178,748	123,194
Number of pleasure craft	24	24	22	22	564	512
Tons of freight	275,449	14,350,475	275,391	16,394,498	103,380,820	93,336,045

	October, 1957			October 1956	1957	1956
	Up	Down	Total	Total	Cumulative Total	

WELLAND SHIP CANAL

Number of vessel passages	582	570	1,152	1,182	8,095	8,029
Registered net tonnage	1,221,076	1,155,131	2,376,207	2,583,811	17,184,309	17,241,549
Number of passengers	3	-	3	-	738	111
Number of pleasure craft	-	-	-	-	-	11

Commodities (Cargo tons)

Wheat	-	258,609	258,609	277,035	2,192,080	2,720,045
Corn	-	28,558	28,558	34,346	157,829	176,902
Oats	-	35,180	35,180	75,150	178,311	268,905
Barley	-	109,045	109,045	156,773	603,483	1,089,670
Rye	-	14,471	14,471	3,492	22,885	253,792
Flaxseed	-	59,655	59,655	65,882	531,589	261,594
Other grain	-	112,898	112,898	73,703	207,141	189,050
Flour	125	1,120	1,245	315	11,616	6,130
Mill products	-	-	-	2,142	7,737	14,364
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	-	563,222	563,222	658,883	5,053,759	4,991,928
Coke	-	3,910	3,910	4,322	29,815	20,612
Iron ore	317,783	335,690	653,473	896,721	5,269,531	4,718,387
Petroleum, crude	-	122,647	122,647	131,953	871,126	975,627
Sand, gravel and stone	38,144	7,410	45,554	8,572	134,203	126,388
Salt	-	23,746	23,746	18,649	115,971	119,668
Pulpwood	80,864	3,200	84,064	79,985	527,756	487,674
Gasoline	35,600	29,248	64,848	36,232	287,225	290,759
Fuel oil	22,650	64,927	87,577	111,812	869,906	838,897
Petroleum oils & other petroleum prod.	45,852	39,304	85,156	46,382	427,628	404,667
Iron and steel	7,287	15,332	22,619	26,494	203,650	113,184
Autos, trucks and parts	290	-	290	453	4,777	8,359
Wood pulp	3,183	2,180	5,363	14,343	37,272	61,970
Newsprint	55,913	-	55,913	45,739	372,491	293,203
Other manufactured products	25,328	62,261	87,589	54,882	336,874	314,029
All other freight	93,523	92,800	186,323	163,448	1,351,655	1,083,174
TOTAL FREIGHT	726,542	1,985,413	2,711,955	2,987,708	19,806,310	19,828,978



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SUMMARY OF CANAL STATISTICS

	October, 1957			October 1956	1957	1956
	Up	Down	Total	Total	Cumulative Total	

ST. LAWRENCE CANALS

Number of vessel passages	697	707	1,404	1,458	10,075	10,087
Registered net tonnage	535,264	544,703	1,079,967	1,283,697	7,673,083	8,597,749*
Number of passengers	49	-	49	4	141	30
Number of pleasure craft	-	-	69	27	826	713

Commodities (Cargo tons)

Wheat	-	214,227	214,227	308,291	1,714,437	2,268,683
Corn	-	24,066	24,066	24,415	112,242	134,522
Oats	-	28,462	28,462	37,717	123,571	160,865
Barley	-	60,719	60,719	111,224	399,756	888,771
Rye	-	3,588	3,588	1,814	8,193	160,251
Flaxseed	-	50,406	50,406	39,819	450,132	137,042
Other grain	-	14,479	14,479	17,981	27,411	29,940
Flour	-	1,444	1,444	315	12,272	5,999
Mill products	775	-	775	1,624	7,039	15,930
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	-	192,648	192,648	251,936	1,532,259	1,536,318
Coke	-	3,910	3,910	-	15,832	13,920
Iron ore	317,204	3,250	320,454	352,445	2,431,874	2,426,767
Petroleum, crude	10,950	-	10,950	43,803	52,099	287,213
Sand, gravel and stone	-	44,100	44,100	38,200	352,100	256,275
Salt	-	14,624	14,624	12,718	78,197	107,132
Pulpwood	83,888	-	83,888	77,737	461,513	451,168
Gasoline	-	22,850	22,850	19,100	110,488	92,557
Fuel oil	74,651	18,925	93,576	132,405	652,903	818,646
Petroleum oils & other petroleum prod.	15,900	7,622	23,522	11,739	126,894	119,854
Iron and steel	7,736	24,676	32,412	16,937	219,730	87,950
Autos, trucks and parts	713	23	736	384	3,654	3,564
Wood pulp	4,702	-	4,702	9,402	27,265	46,037
Newsprint	29,654	-	29,654	20,866	208,178	134,740
Other manufactured products	25,486	28,414	53,900	36,801	228,195	260,367
All other freight	134,678	100,338	235,016	222,930	1,459,244	1,368,023
TOTAL FREIGHT	706,337	858,771	1,565,108	1,790,603	10,816,478	11,812,534

CANSO CANAL

Number of vessel passages	91	82	173	431	1,027	2,818
Registered net tonnage	39,063	25,754	64,817	38,738	304,230	173,138
Number of passengers	-	-	-	-	16	-
Number of pleasure craft	-	-	-	-	-	-

Commodities (Cargo tons)

Grain	-	-	-	-	-	-
Fruit and vegetables	-	2,824	2,824	186	3,512	691
Fish	-	1,842	1,842	1,994	9,505	12,542
Coal	-	-	-	60	25	60
Coke	-	-	-	-	-	-
Ores	-	8,043	8,043	-	12,350	-
Pulpwood	-	1,000	1,000	-	14,728	-
Gasoline	5,196	9,200	14,396	3,550	96,365	7,733
Petroleum oils and other petroleum prod.	7,291	1,000	8,291	2,320	52,464	6,995
Iron and steel	-	-	-	-	3,150	-
Newsprint	-	-	-	-	870	-
All other freight	24,572	3,512	28,084	1,884	96,519	14,811
TOTAL FREIGHT	37,059	27,421	64,480	9,994	289,488	42,832