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DOMINION BUREAU OF STATISTICS

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Memorandum

SUMMARY OF CANAL STATISTICSSEPTEMBER, 1956

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The total tonnage of freight locked through the eleven Canadian canal systems in September amounted to 4,941,658 tons, an increase of 623,036 tons or 14.4 per cent more than the September 1955 total of 4,318,622 tons. Increased traffic was reported by the Sault Ste. Marie, the Welland Ship, the St. Lawrence and four of the smaller canals. Commodities responsible for the general improvement over the previous September included wheat, barley and iron ore through the Welland Ship and St. Lawrence canals, and bituminous coal through the St. Lawrence. The number of vessel passages advanced to 4,267 from 3,614 and the registered net tonnage rose to 4,328,503 tons from 3,848,513. The number of passengers carried this September declined to 11,050 from 19,693, while the number of pleasure craft lockages rose to 7,142 from 6,508.

Sault Ste. Marie Canals - Canadian and United States Locks: The amount of freight shipped through the combined system this September rose to 16,447,076 tons from 16,069,198 in the previous year, an advance of 377,878 tons or 2.4 per cent. Eastbound shipments of wheat increased to 674,271 tons from 308,760; barley advanced to 276,873 tons from 174,645, and crude petroleum rose to 133,637 tons from 66,601. A few decreases were recorded, including iron ore which dropped to 12,938,357 tons from 13,465,835. Westbound shipments of bituminous coal rose to 1,446,560 tons from 1,286,074 in the previous September. The total number of vessel passages increased to 2,924 from 2,894 while the total registered net tonnage rose to 12,778,521 tons from 12,547,939.

Welland Ship Canal: The volume of freight carried through the Welland Ship canal in September amounted to 2,784,258 tons as compared with the September 1955 total of 2,504,561. The advance of 279,697 tons, or 11.2 per cent, was due mainly to heavier traffic in wheat and iron ore. Wheat shipments totalled 286,382 tons, as compared with 227,240 a year earlier; barley advanced to 136,421 tons from 106,285 and iron ore increased to 1,021,712 tons from 743,523. A decrease was registered for bituminous coal, which declined to 533,695 tons from 652,460. A total of 1,170 vessels of 2,387,945 registered net tons was cleared through the system, as compared with the September 1955 total of 1,083 vessels of 2,147,640 net tons.

St. Lawrence Canals: The total freight transported through the St. Lawrence system during September increased to 1,782,782 tons from 1,477,592 in September 1955, a gain of 305,190 tons or 20.7 per cent. Commodities which were transported in greater volume included wheat, barley, bituminous coal and iron ore. Wheat shipments advanced to 269,551 tons from 193,358; barley rose to 124,794 tons from 48,670; bituminous coal increased to 294,041 tons from 203,638 and iron ore shipments were up by 36,762 tons, to 380,106 from 343,344. Several of the other commodities registered slight gains. Vessel passages numbered 1,529 aggregating 1,261,792 registered net tons, as compared with 1,283 vessels of 1,087,324 net tons in the preceding September.

Prepared in the Public Finance and Transportation Division.

Transportation and Public Utilities Section.

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SUMMARY OF CANAL STATISTICS

	SEPTEMBER, 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	4,267	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 (1)	3,131	54	210
St. Andrew's Canal	94	8,479	2 (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 Canal	577	577,370	10,869	61	313,961	2,411,755
Trent Canal	7	116	- (3)	2,591	44	223
Welland Ship Canal	1,170	2,387,945	4	2	2,784,258	16,841,270

	SEPTEMBER, 1955					Cumulative - 1955
ALL CANADIAN CANALS	3,614	3,848,513	19,693	6,508	4,318,622	25,424,977
Canso Canal	126	6,285	-	-	3,076	3,076
Murray Canal	7	1,515	-	187	34	402
Ottawa River Canals	156	40,534	-	916	36,900	190,325
Richelieu River Canal	87	12,351	-	-	12,555	66,904
Rideau Canal	20	656	66	3,102	165	304
St. Andrew's Canal	100	9,933	93	68	2,314	5,153
St. Lawrence Canals	1,283	1,087,324	-	113	1,477,592	8,323,292
St. Peter's Canal	96	3,909	-	-	812	5,059
Sault Ste. Marie Canals	647	538,212	19,524	39	280,603	1,609,156
Trent Canal	9	154	-	2,082	10	86
Welland Ship Canal	1,083	2,147,640	10	1	2,504,561	15,221,220

	SEPTEMBER, 1956		SEPTEMBER, 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						
<u>EASTBOUND</u>						
Number of vessel passages	272	1,476	310	1,451	7,640	8,308
Registered net tonnage	235,401	6,464,814	217,401	6,298,470	30,265,000	34,000,662
Number of passengers	5,549	5,800	9,872	10,264	61,774	100,272
<u>Commodities (Cargo tons)</u>						
Newsprint and wood pulp	29,761	29,761	25,313	25,935	139,257	148,454
Pulpwood	-	39,208	12,326	43,732	272,940	371,080
Wheat	52,043	674,271	27,655	308,760	6,294,070	4,218,578
Barley	31,137	276,873	21,430	174,645	1,694,138	1,256,177
Oats	12,027	96,111	16,293	42,903	616,243	446,103
Corn	-	-	-	-	1,362	124,562
Rye	-	31,094	2,478	13,411	443,900	222,748
Flaxseed	812	28,521	4,061	41,734	258,889	233,490
Flour	7,760	7,760	13,538	16,437	48,831	60,178
Other grain & mill products	35,348	43,448	24,414	28,443	206,109	141,331
Iron ore	-	12,938,357	-	13,465,835	54,663,776	68,584,070
Manufactured iron & steel	18,766	24,721	17,819	30,322	100,843	190,905
Pig iron	-	23,223	2,194	52,183	150,199	223,013
Scrap iron	-	54,914	-	11,848	218,425	170,847
Sand, gravel and stone	17,940	17,940	23,330	23,330	98,540	77,416
Petroleum, crude	-	133,637	-	66,601	762,530	350,209
Other petroleum products	4,600	4,600	4,275	4,275	21,090	142,667
All other freight	3,467	6,261	4,812	4,812	34,679	36,457
TOTAL FREIGHT	213,661	14,430,700	199,938	14,355,206	66,025,821	76,998,285

- (1) (Exclusive of 2,570 paying passengers on sight seeing pleasure boat cruises.
(Exclusive of 7,846 passengers carried in pleasure craft.
- (2) Exclusive of 308 passengers carried in pleasure craft.
- (3) 8,281 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, 1956		SEPTEMBER, 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						
WESTBOUND						
Number of vessel passages	305	1,448	337	1,443	7,771	8,383
Registered net tonnage	341,969	6,313,707	320,811	6,249,469	30,837,096	34,473,422
Number of passengers	5,320	5,530	9,652	10,003	61,259	97,776
Commodities (Cargo tons)						
Cement	-	28,440	-	15,037	162,936	142,219
Coal, bituminous	26,958	1,446,560	16,891	1,286,074	7,743,529	7,041,096
Coal, anthracite	-	88,474	-	13,888	344,773	192,217
Coke	-	983	-	2,928	15,658	40,845
Iron ore	-	62,036	-	29,148	273,822	128,892
Manufactured iron & steel	491	16,273	518	22,929	131,868	140,170
Salt	3,279	10,342	151	34,806	75,248	80,585
Sand, gravel and stone	4,650	210,404	-	181,135	1,199,501	1,213,831
Gasoline	5,510	55,235	9,132	20,961	278,237	239,551
Fuel oil	17,150	44,052	14,140	38,986	335,065	263,941
Other petroleum products	1,411	1,411	3,903	3,903	23,300	30,863
Autos, trucks & parts	555	1,015	449	2,956	31,211	43,406
All other freight	40,296	51,151	35,481	61,241	300,578	294,258
TOTAL FREIGHT	100,300	2,016,376	80,665	1,713,992	10,915,726	9,851,874

SAULT STE. MARIE CANALS
TOTAL

Number of vessel passages	577	2,924	647	2,894	15,411	16,691
Registered net tonnage	577,370	12,778,521	538,212	12,547,939	61,102,096	68,474,084
Number of passengers	10,869	11,330	19,524	20,267	123,033	198,048
Number of pleasure craft	61	61	39	39	490	566
Tons of freight	313,961	16,447,076	280,603	16,069,198	76,941,547	86,850,159

	SEPTEMBER, 1956			SEPTEMBER 1955	1956	1955
	Up	Down	Total	Total	Cumulative Total	

WELLAND SHIP CANAL

Number of vessel passages	593	577	1,170	1,083	6,847	6,940
Registered net tonnage	1,197,111	1,190,834	2,387,945	2,147,640	14,657,738	14,025,647
Number of passengers	4	-	4	10	111	103
Number of pleasure craft	-	-	2	1	11	43

Commodities (Cargo tons)

Wheat	-	286,382	286,382	227,240	2,443,010	2,062,671
Corn	-	19,967	19,967	10,001	142,556	118,664
Oats	-	16,705	16,705	29,689	193,755	215,820
Barley	-	136,421	136,421	106,285	932,897	879,646
Rye	-	6,809	6,809	9,415	250,300	154,972
Flaxseed	-	14,854	14,854	20,757	195,712	138,716
Other grain	-	20,735	20,735	12,760	115,347	58,072
Flour	-	438	438	2,698	5,815	11,060
Mill products	-	1,234	1,234	5,897	12,222	6,271
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	-	533,695	533,695	652,460	4,333,045	4,100,555
Coke	1,181	2,833	4,014	n.a.	16,290	n.a.
Iron ore	386,597	635,115	1,021,712	743,523	3,821,666	3,203,514
Petroleum, crude	2,000	118,968	120,968	95,141	843,674	771,249
Sand, gravel and stone	4,939	4,680	9,619	24,058	117,816	123,612
Salt	-	15,171	15,171	n.a.	101,019	n.a.
Pulpwood	69,706	23,408	93,114	73,118	407,689	397,754
Gasoline	18,630	25,946	44,576	38,985	254,527	341,915
Fuel oil	53,539	59,518	113,057	100,000	727,085	639,666
Petroleum oils & other petroleum prod.	46,177	17,765	63,942	56,544	358,285	337,329
Iron and steel	5,152	14,828	19,980	n.a.	86,690	n.a.
Autos, trucks and parts	525	-	525	449	7,906	2,738
Wood pulp	2,926	-	2,926	5,500	47,627	33,798
Newsprint	41,919	1,549	43,468	35,648	247,464	258,907
Other manufactured products	9,948	23,910	33,858	n.a.	259,147	n.a.
All other freight	86,685	73,403	160,088	254,393	919,726	1,364,291
TOTAL FREIGHT	729,924	2,054,334	2,784,258	2,504,561	16,841,270	15,221,220



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SUMMARY OF CANAL STATISTICS

	SEPTEMBER, 1956			SEPTEMBER 1955	1956	1955
	Up	Down	Total	Total	Cumulative Total	
ST. LAWRENCE CANALS						
Number of vessel passages	745	784	1,529	1,283	8,629	7,774
Registered net tonnage	607,230	654,562	1,261,792	1,087,324	11,603,035	6,638,099
Number of passengers	-	-	-	-	26	25
Number of pleasure craft	-	-	55	113	686	834
Commodities (Cargo tons)						
Wheat	-	269,551	269,551	193,358	1,960,392	1,568,444
Corn	-	12,066	12,066	8,096	110,107	82,612
Oats	442	15,721	16,163	20,139	123,148	130,823
Barley	-	124,794	124,794	48,670	777,547	657,669
Rye	-	-	-	10,759	158,437	158,356
Flaxseed	-	8,752	8,752	3,344	97,223	86,591
Other grain	-	1,592	1,592	1,430	11,959	14,490
Flour	-	918	918	1,768	5,684	9,424
Mill products	695	550	1,245	4,609	14,306	6,960
Coal, anthracite	-	-	-	3,887	-	3,887
Coal, bituminous	-	294,041	294,041	203,638	1,284,382	1,163,749
Coke	-	2,883	2,883	n.a.	13,920	n.a.
Iron ore	380,106	-	380,106	343,344	2,074,322	1,220,627
Petroleum, crude	44,800	-	44,800	26,500	243,410	196,640
Sand, gravel and stone	270	42,300	42,570	40,670	218,075	213,412
Salt	-	8,739	8,739	n.a.	94,414	n.a.
Pulpwood	89,009	-	89,009	93,408	373,431	340,220
Gasoline	4,800	14,725	19,525	8,250	73,457	58,108
Fuel oil	123,752	23,806	147,558	146,702	686,241	785,820
Petroleum oils & other petroleum prod.	15,385	7,639	23,024	24,896	108,115	97,992
Iron and steel	5,142	9,221	14,363	n.a.	71,013	n.a.
Autos, trucks and parts	-	14	14	714	3,180	1,764
Wood pulp	1,651	-	1,651	2,400	36,635	20,375
Newsprint	21,032	668	21,700	23,843	113,874	123,322
Other manufactured products	33,364	6,947	40,311	n.a.	223,566	n.a.
All other freight	116,186	101,221	217,407	267,167	1,145,093	1,382,007
TOTAL FREIGHT	836,634	946,148	1,782,782	1,477,592	10,021,931	8,323,292
CANSO CANAL						
Number of vessel passages	185	204	389	126	2,387	126
Registered net tonnage	10,882	14,364	25,246	6,285	134,400	6,285
Number of passengers	-	-	-	-	-	-
Number of pleasure craft	-	-	-	-	-	-
Commodities (Cargo tons)						
Grain	-	-	-	n.a.	-	n.a.
Fruit and vegetables	-	43	43	" "	505	" "
Fish	-	2,036	2,036	" "	10,548	" "
Coal	-	-	-	" "	-	" "
Coke	-	-	-	" "	-	" "
Ores	-	-	-	" "	-	" "
Pulpwood	-	-	-	" "	-	" "
Gasoline	575	-	575	" "	4,183	" "
Petroleum oils and other petroleum prod.	335	150	485	" "	4,675	" "
Iron and steel	-	-	-	" "	-	" "
Newsprint	-	-	-	" "	-	" "
All other freight	495	226	721	" "	12,927	" "
TOTAL FREIGHT	1,405	2,455	3,860	3,076	32,838	3,076