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SUMMARY OF CANAL STATISTICS

AUGUST, 1957

The total tonnage of freight locked through the eleven Canadian canal systems in August amounted to 5,035,515 tons, a decrease of 509,714 tons or 9.2 per cent from the August 1956 total of 5,545,229 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 St. Andrew's and Richelieu River canals. Commodities primarily responsible for the general decrease from the previous August were wheat and barley. The number of vessel passages declined to 4,422 from 5,164 and the registered net tonnage dropped to 4,521,318 tons from 4,892,138 in August 1956. The number of passengers carried this August decreased to 44,497 from 55,021 while pleasure craft lockages rose to 27,468 from 22,724.

Sault Ste. Marie Canals - Canadian and United States Locks: The amount of freight shipped through the combined system this August rose to 16,665,387 tons from 11,153,286 in August 1956, a gain of 5,512,101 tons or 49.4 per cent due mainly to increased eastbound shipments of iron ore which advanced to 13,450,045 tons from 7,617,719. Eastbound shipments of flaxseed increased to 146,516 tons from 35,750 and westbound shipments of sand, gravel and stone to 208,654 tons from 134,210. The number of vessel passages rose to 3,459 from 2,754 while the registered net tonnage increased to 13,029,806 tons from 8,754,269 in the previous August.

Welland Ship Canal: The volume of freight transported through the Welland Ship canal in August decreased to 2,958,911 tons from 3,050,436 in August 1956, a decline of 91,525 tons or 3 per cent. Wheat registered the biggest drop, decreasing to 248,213 tons from 392,058 followed by barley which declined to 42,829 tons from 183,512. Several commodities recorded gains. Flaxseed shipments rose to 122,297 tons from 33,548 tons and iron ore to 871,535 tons from 693,883. During the month a total of 1,239 vessels of 2,683,048 registered net tons was cleared through the canal, as compared with the August 1956 total of 1,304 vessels of 2,665,041 net tons.

St. Lawrence Canals: The total freight carried through the St. Lawrence system during August amounted to 1,667,402 tons as compared with 1,896,171 tons in August 1956, a decline of 228,769 tons or 12.1 per cent. Although the tonnages of a number of commodities including flaxseed, sand, iron and steel were higher than in the preceding August, an overall decrease was recorded as tonnages fell for such commodities as wheat, barley, bituminous coal, crude petroleum and other freight. Wheat shipments decreased to 219,835 tons from 323,854, barley to 32,262 tons from 183,628, bituminous coal to 210,710 tons from 275,139 and crude petroleum to 11,855 tons from 48,855 tons in August 1956. Vessel passages numbered 1,582 and aggregated 1,166,104 registered net tons as against 1,664 vessels and 1,353,507 net tons in the previous August.

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

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SUMMARY OF CANAL STATISTICS

	August, 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	
ALL CANADIAN CANALS	4,422	4,521,318	44,497	27,468	5,035,515	23,807,622
Canso Canal	169	41,267	-	-	42,194	201,589
Murray Canal	61	7,269	19	621	-	-
Ottawa River Canals	324	81,169	-	1,700	68,640	253,140
Richelieu River Canal	117	16,324	99	-	12,830	56,228
Rideau Canal	33	851	142(1)	9,794	125	5,712
St. Andrew's Canal	40	3,849	-(2)	174	553	3,272
St. Lawrence Canals	1,582	1,166,104	15	270	1,667,402	7,829,597
St. Peter's Canal	72	4,288	92	4	2,581	3,446
Sault Ste. Marie Canal	763	516,794	44,130	140	282,263	984,967
Trent Canal	22	355	-(3)	14,765	16	42
Welland Ship Canal	1,239	2,683,048	-	-	2,958,911	14,469,629
				August, 1956		Cumulative-1956
ALL CANADIAN CANALS	5,164	4,892,138	55,021	22,724	5,545,229	24,666,604
Canso Canal	428	18,095	-	-	5,250	28,978
Murray Canal	53	5,802	227	595	-	-
Ottawa River Canals	214	54,602	-	1,728	48,600	177,300
Richelieu River Canal	120	15,769	158	-	15,247	61,451
Rideau Canal	32	881	130	8,865	2	156
St. Andrew's Canal	55	4,644	45	116	645	3,843
St. Lawrence Canals	1,664	1,353,507	12	253	1,896,171	8,239,149
St. Peter's Canal	81	2,529	14	-	105	742
Sault Ste. Marie Canals	1,182	770,738	54,433	154	528,688	2,097,794
Trent Canal	31	530	-	11,004	85	179
Welland Ship Canal	1,304	2,665,041	2	9	3,050,436	14,057,012

	August, 1957		August, 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	472	1,724	591	1,364	7,002	6,164
Registered net tonnage	224,502	6,502,846	383,448	4,289,153	29,357,901	23,800,186
Number of passengers	38,649	41,656	27,364	27,691	79,493	55,974
Commodities (Cargo tons)						
Newsprint and wood pulp	22,659	25,959	29,193	29,193	117,932	109,496
Pulpwood, lumber and logs	-	71,528	4,824	71,930	218,034	233,732
Wheat	49,288	531,223	174,374	780,464	3,737,208	5,619,799
Barley	17,453	95,634	55,332	255,676	808,564	1,417,265
Oats	20,124	87,214	46,076	95,286	449,466	520,132
Corn	-	-	-	-	61,378	1,362
Rye	-	2,465	-	27,263	145,486	412,806
Flaxseed	2,882	146,516	1,927	35,750	437,391	230,368
Flour	8,775	10,756	6,358	6,358	38,471	41,071
Other grain & mill products	16,633	24,454	34,289	40,213	110,201	162,661
Iron ore	-	13,450,045	22,078	7,617,719	57,952,954	41,725,419
Manufactured iron & steel	16,299	23,626	16,717	16,717	141,832	76,122
Pig iron	-	27,838	-	23,030	113,711	126,976
Scrap iron	-	20,708	-	41,935	141,322	163,511
Sand, gravel and stone	19,760	19,760	20,800	20,800	62,820	80,600
Petroleum, crude	-	126,601	-	134,116	537,500	628,893
Other petroleum products	2,750	2,750	2,000	2,000	17,830	16,490
All other freight	2,809	2,950	2,523	9,173	10,929	28,418
TOTAL FREIGHT	179,432	14,670,027	416,491	9,207,623	65,103,029	51,595,121

- (1) (Exclusive of 6,349 paying passengers on sight seeing pleasure boat cruises)
- (2) (Exclusive of 28,517 passengers carried in pleasure craft.)
- (3) Exclusive of 550 passengers carried in pleasure craft.
- (3) 56,538 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

	August, 1957		August, 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	291	1,735	591	1,390	7,121	6,323
Registered net tonnage	292,292	6,526,960	387,290	4,465,116	29,865,561	24,523,389
Number of passengers	5,481	41,548	27,069	27,425	79,883	55,729
Commodities (Cargo tons)						
Cement	-	28,746	-	15,187	135,033	134,496
Coal, bituminous	18,595	1,449,875	30,567	1,483,585	5,952,263	6,296,969
Coal, anthracite	-	53,451	-	88,259	250,105	256,299
Coke	-	22,675	-	-	60,306	14,675
Iron ore	-	39,580	-	21,872	222,367	211,786
Manufactured iron & steel	671	17,855	424	6,990	108,746	115,595
Scrap iron	-	6,700	-	n.a.	18,800	n.a.
Salt	1,021	18,380	6,400	18,377	65,998	64,906
Sand, gravel and stone	6,101	208,654	2,000	134,210	1,034,982	989,097
Gasoline	12,700	37,740	3,900	42,423	205,745	223,002
Fuel oil	32,263	66,999	24,684	70,977	263,690	291,013
Other petroleum products	999	999	5,330	5,330	12,350	21,889
Autos, trucks & parts	416	6,100	883	4,713	32,588	30,196
All other freight	30,065	37,606	38,009	53,740	229,245	249,427
TOTAL FREIGHT	102,831	1,995,360	112,197	1,945,663	8,592,218	8,899,350

SAULT STE. MARIE CANALS
TOTAL

Number of vessel passages	763	3,459	1,182	2,754	14,123	12,487
Registered net tonnage	516,794	13,029,806	770,738	8,754,269	59,223,462	48,323,575
Number of passengers	44,130	83,204	54,433	55,116	159,376	111,703
Number of pleasure craft	140	140	154	154	493	429
Tons of freight	282,263	16,665,387	528,688	11,153,286	73,695,247	60,494,471

	August, 1957			August, 1956	1957	1956
	Up	Down	Total	Total	Cumulative Total	

WELLAND SHIP CANAL

Number of vessel passages	621	618	1,239	1,304	5,854	5,677
Registered net tonnage	1,342,434	1,340,614	2,683,048	2,665,041	12,538,878	12,269,793
Number of passengers	-	-	-	2	21	107
Number of pleasure craft	-	-	-	9	-	9

Commodities (Cargo tons)

Wheat	-	248,213	248,213	392,058	1,678,068	2,156,628
Corn	-	19,220	19,220	7,208	118,758	122,589
Oats	-	21,150	21,150	47,266	127,023	177,050
Barley	-	42,829	42,829	183,512	429,206	796,476
Rye	-	546	546	4,312	4,606	243,491
Flaxseed	-	122,297	122,297	33,548	400,102	180,858
Other grain	-	8,846	8,846	18,894	85,031	94,612
Flour	-	1,372	1,372	480	5,611	5,377
Mill products	-	-	-	1,350	7,737	10,988
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	-	737,274	737,274	763,132	3,909,442	3,799,350
Coke	-	4,283	4,283	3,200	15,500	12,276
Iron ore	304,625	566,910	871,535	693,883	3,827,879	2,799,954
Petroleum, crude	-	137,501	137,501	135,382	656,474	722,706
Sand, gravel and stone	13,285	5,458	18,743	12,877	62,359	108,197
Salt	-	15,239	15,239	17,601	66,546	85,848
Pulpwood	87,966	43,266	131,232	126,349	331,456	314,575
Gasoline	21,204	6,930	28,134	43,858	177,138	209,951
Fuel oil	24,295	109,683	133,978	161,913	639,917	614,028
Petroleum oils & other petroleum prod.	45,914	28,512	74,426	88,766	292,335	294,343
Iron and steel	3,150	42,742	45,892	23,467	129,369	66,710
Autos, trucks and parts	448	5	453	616	4,052	7,381
Wood pulp	1,321	3,150	4,471	14,065	22,157	44,701
Newsprint	58,200	-	58,200	44,292	269,637	203,996
Other manufactured products	15,909	52,714	68,623	60,845	190,608	225,289
All other freight	55,832	108,622	164,454	171,562	1,018,618	759,638
TOTAL FREIGHT	632,149	2,326,762	2,958,911	3,050,436	14,469,629	14,057,012



SUMMARY OF CANAL STATISTICS

	August, 1957			August, 1956	1957	1956
	Up	Down	Total	Total	Cumulative Total	
<u>ST. LAWRENCE CANALS</u>						
Number of vessel passages	793	789	1,582	1,664	7,263	7,100
Registered net tonnage	590,491	575,613	1,166,104	1,353,507	5,574,627	6,052,260
Number of passengers	7	8	15	12	92	26
Number of pleasure craft			270	253	683	631
<u>Commodities (Cargo tons)</u>						
Wheat	-	219,835	219,835	323,854	1,347,913	1,690,841
Corn	-	18,257	18,257	12,436	77,112	98,041
Oats	-	23,278	23,278	23,605	85,428	106,985
Barley	-	32,262	32,262	183,628	313,347	652,753
Rye	-	546	546	1,216	4,605	158,437
Flaxseed	-	105,354	105,354	20,265	315,964	88,471
Other grain	-	-	-	-	11,504	10,367
Flour	-	1,565	1,565	-	7,844	4,766
Mill products	-	200	200	2,050	4,614	13,061
Coal, anthracite	-	-	-	-	-	-
Coal, bituminous	-	210,710	210,710	275,139	1,146,060	990,341
Coke	-	4,099	4,099	3,200	6,268	11,037
Iron ore	364,939	-	364,939	371,257	1,816,036	1,694,216
Petroleum, crude	11,855	-	11,855	48,855	35,674	198,610
Sand, gravel and stone	-	68,400	68,400	48,830	245,900	175,505
Salt	10	12,090	12,100	17,233	48,395	85,675
Pulpwood	116,544	-	116,544	107,350	267,353	284,422
Gasoline	7,550	13,685	21,235	11,600	71,278	53,932
Fuel oil	83,885	21,265	105,150	103,934	472,953	538,683
Petroleum oils & other petroleum prod.	13,800	1,750	15,550	29,097	86,316	85,091
Iron and steel	-	59,695	59,695	14,406	132,111	56,650
Autos, trucks and parts	256	30	286	839	2,249	3,166
Wood pulp	1,321	-	1,321	10,549	15,758	34,984
Newsprint	41,058	-	41,058	21,307	152,209	92,174
Other manufactured products	19,242	31,967	51,209	49,470	128,815	183,255
All other freight	77,426	104,528	181,954	216,051	1,033,891	927,686
TOTAL FREIGHT	737,886	929,516	1,667,402	1,896,171	7,829,597	8,239,149
<u>CANSO CANAL</u>						
Number of vessel passages	90	79	169	428	718	1,998
Registered net tonnage	21,509	19,758	41,267	18,095	212,495	109,154
Number of passengers	-	-	-	-	9	-
Number of pleasure craft	-	-	-	-	-	-
<u>Commodities (Cargo tons)</u>						
Grain	-	-	-	-	-	-
Fruit and vegetables	-	-	-	-	645	462
Fish	-	2,432	2,432	3,026	5,893	8,512
Coal	-	-	-	-	25	-
Coke	-	-	-	-	-	-
Ores	-	-	-	-	4,307	-
Pulpwood	2,200	-	2,200	-	11,628	-
Gasoline	9,842	12,015	21,857	727	76,008	3,608
Petroleum oils and other petroleum prod.	8,220	468	8,688	905	42,873	4,190
Iron and steel	1,500	-	1,500	-	3,150	-
Newsprint	-	-	-	-	870	-
All other freight	5,292	225	5,517	592	56,190	12,206
TOTAL FREIGHT	27,054	15,140	42,194	5,250	201,589	28,978