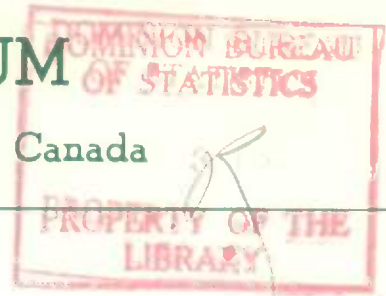


54 001 D.B.S. MEMORANDUM



Dominion Bureau of Statistics, Ottawa, Canada

SUMMARY OF CANAL TRAFFIC

8504-517

SEPTEMBER, 1952

8-11-52

A new record volume of freight locked through the Canadian canals during any month, (since monthly reports were first published in 1920), has been established. During this September, cargoes totalled 4,248,737 tons, a gain of 406,615 tons or 10.6 per cent over the September, 1951 sum of 3,842,122 tons, the previous high for the month and 97,806 tons or 2.4 per cent greater than the record level for any month which was achieved in May of this year.

Heavier quantities of barley, crude oil, petroleum and other oils, soft coal and iron ore shipped through the Welland Ship canal accounted for almost all of the gain. The Sault Ste. Marie canal reported a slight increase in traffic while the St. Lawrence and the other smaller systems showed small decreases.

The number and net registered tonnage of vessel passages advanced to 3,488 aggregating 3,844,578 tons from 3,384 of 3,553,542 tons in the previous September while the number of passengers carried and the number of pleasure craft passages declined to 7,288 and 4,838 from 9,760 and 5,508 respectively.

SAULT STE. MARIE CANALS - CANADIAN AND UNITED STATES LOCKS: Shipments of iron ore eastwards through the Sault Ste. Marie locks rose to 14,518,550 tons this September, an increase of over two million tons, or 16.5 per cent, over the corresponding month last year. This increase was the predominant factor in raising the total traffic through the system to a new high for the month and to the second highest tonnage for any month, being exceeded only in August of this year. The total amounted to 17,720,018 tons which was 1,582,374 tons or 9.8 per cent higher than the September, 1951 total of 16,137,644 tons. Other eastbound commodities which were transported in larger quantities include other grains which advanced to 455,387 from 301,374 tons in the preceding September, crude oil up to 392,436 from 277,986 tons, pulpwood, and structural steel. Wheat shipments were down to 656,740 tons from 1,117,563 as shipping was concentrated on making up the iron ore cargoes lost during the U.S. steel strike of June and July.

Total traffic westbound was lighter, declining from 1,808,171 to 1,501,284 tons, a drop of 17 per cent due mainly to a decrease in soft coal tonnage which amounted to 1,137,707 tons as compared with 1,365,437 tons in September a year ago. The totals for iron ore, oil and gasoline, salt and stone were also down.

The number of vessels using the combined facilities amounted to 3,408 totalling 13,972,733 net tons and exceeds the previous year total of 3,193 of 12,513,262 tons, the number of passengers carried dropped to 7,214 from 9,902.

WELLAND SHIP CANAL: Freight tonnage recorded for ^{September} ~~June~~ at the Welland Ship canal amounted to 2,463,010 tons, an advance of 398,382 tons, or 19.3 per cent above the same month last year and set a new high not only for the month of September but for any month. Most of the commodities were moved in greater quantities. Barley shipments rose to 195,132 tons as compared with 96,864 tons one year earlier; petroleum and crude oil advanced to 268,288 from 127,697 tons; soft coal up to 640,326 from 585,552 tons and iron ore rose to 609,774 from 401,602 tons. Smaller increases were reported for pulpwood, paper and sand while wheat and gasoline showed a decline from 294,073 and 173,715 tons to 198,457 and 135,675 tons, respectively. Vessels passing through the canal numbered 1,161 with a net tonnage of 2,136,580 as opposed to 954 of 1,783,555 tons. Passengers numbered 630 against none in the preceding September as inter-lake service was resumed.

ST. LAWRENCE CANALS: The amount of freight transported through the St. Lawrence system was less than for the corresponding month of 1951 but the drop, from 1,322,073 to 1,297,531 tons, was a minor one totalling only 24,542 tons. Barley advanced 92,534 tons to 182,229, oats from 4,377 to 15,005 tons and wheat from 128,978 to 133,188 tons. Declines in gasoline, petroleum and crude oil, pulpwood and soft coal, however, offset these gains. As anticipated, gasoline dropped from 163,767 to 118,144 tons, petroleum and crude oil from 130,221 to 75,390 tons, pulpwood from 147,472 to 126,164 tons and soft coal from 379,485 to 307,720 tons. The pattern of the petroleum movement by tanker into the Great Lakes is being altered by greater western supplies and a products pipe line serving Montreal-Ottawa-Toronto-Hamilton and intermediate points.

The Richelieu, St. Andrews and Rideau Canals reported improved freight movement this September.

SAULT STE MARIE CANALS:

			1 9 5 2		1 9 5 1	
			Canadian Lock	Canadian & U.S. Locks	Canadian Lock	Canadian & U.S. Locks
<u>East Bound</u>						
Pulpwood	Tons		48,496	91,224	21,268	80,964
Lumber	"		-	-	842	842
Flour	"		11,428	11,428	12,145	14,105
Wheat	"		54,671	656,740	73,490	1,117,563
Other Grain	"		69,919	455,387	68,832	301,374
Copper	"		-	-	-	-
Iron Ore	"		-	14,518,550	-	12,466,077
Scrap Iron	"		-	11,600	-	5,630
Structural Steel	"		10,224	28,435	12,550	18,358
Stone	"		7,260	7,260	2,000	2,000
Crude Oil	"		15,769	392,436	2,473	277,986
Other Freight	"		45,674	45,674	44,574	44,574
Total	"		263,441	16,218,734	238,174	14,329,473
Passengers	Number		3,351	3,708	4,685	5,022
<u>West Bound</u>						
Coal, soft	Tons		30,105	1,137,707	41,792	1,365,437
Coal, hard	"		3,450	33,460	7,851	22,327
Coke	"		1,769	1,769	-	-
Iron Ore	"		-	23,100	5,200	56,810
Structural Steel	"		175	6,415	299	4,399
Salt	"		19	19	64	6,606
Oil and Gasoline	"		93,824	117,164	54,202	132,609
Stone	"		-	95,795	-	149,401
Other Freight	"		45,116	85,855	56,165	70,582
Total	"		174,458	1,501,284	165,573	1,808,171
Passengers	Number		3,202	3,506	4,554	4,880
Total Freight	Tons		437,899	17,720,018	403,747	16,137,644
Total Passengers	Number		6,553	7,214	9,239	9,902
Number of Vessels			575	3,408	559 *	3,193 *
Registered Tonnage	Net		618,984	13,972,733	638,950 *	12,513,262 *

		SEPTEMBER, 1952	SEPTEMBER, 1951
<u>WELLAND SHIP CANAL:</u>			
Vessels	No.	1,161	954 *
Registered Tonnage	Tons	2,136,580	1,783,555 *
Passengers	No.	630	-
Barley	Tons	195,132	96,864
Corn	"	22,560	17,290
Oats	"	12,123	18,961
Rye	"	4,298	13,712
Wheat	"	198,457	294,073
Flour	"	-	110
Gasoline	"	135,675	173,715
Crude Oil	"	87,962	-
Petroleum & Other Oils	"	180,326	127,697
Sugar	"	4,661	3,000
Pulpwood	"	116,324	94,874
Autos and Parts	"	219	190
Paper	"	47,948	41,637
Wood Pulp	"	6,272	3,815
Soft Coal	"	640,326	585,552
Coke	"	2,085	2,565
Iron Ore	"	609,774	401,602
Sand	"	49,746	35,548
All other freight	"	149,122	153,423
Total Freight	"	2,463,010	2,064,628
<u>ST. LAWRENCE CANALS:</u>			
Vessels	No.	1,226	1,292
Registered Tonnage	Tons	1,015,245	1,053,733
Passengers	No.	-	-
Barley	Tons	182,229	89,695
Corn	"	11,525	10,601
Oats	"	15,005	4,377
Rye	"	4,298	4,446
Wheat	"	133,188	128,978
Flour	"	-	110
Gasoline	"	118,144	163,767
Crude Oil	"	47,400	-
Petroleum & other Oils	"	27,990	130,221
Sugar	"	1,761	-
Pulpwood	"	126,164	147,472
Autos and Parts	"	284	460
Paper	"	24,704	25,932
Wood Pulp	"	7,404	3,098
Hard Coal	"	4,237	2,500
Soft Coal	"	307,720	379,485
Iron Ore	"	74,401	23,256 (a)
Sand	"	39,005	42,743
All other freight	"	172,072	164,932
Total Freight	"	1,297,531	1,322,073

(a) Previously included in all other freight.



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		Ottawa River Canals		Rideau Canal	
		1952	1951	1952	1951
Vessels	No.	176	146	20	25
Registered Tonnage	Tons	42,074	44,176	812	798
Passengers	No.	-	-	(1) 73	124
Total Freight	Tons	35,817	38,713	310	68
Pleasure Craft		487	577	2,520	2,767 *
		Richelieu River Canal		Trent Canal	
Vessels	No.	68	80	12	7
Registered Tonnage	Tons	10,262	11,310	128	95
Passengers	No.	-	-	X -	-
Total Freight	Tons	10,039	8,269	24	53
Pleasure Craft		-	-	1,641	2,016
		Murray Canal		St. Peter's Canal	
Vessels	No.	12	12	82	145
Registered Tonnage	Tons	5,231	4,085	2,994	2,956
Passengers	No.	10	-	-	8
Total Freight	Tons	73	75	207	789
Pleasure Craft		99	89	24	3
		St. Andrew's Canal		All Canadian Canals	
Vessels	No.	156	164	3,488	3,384 *
Registered Tonnage	Tons	12,268	13,884	3,844,578	3,553,542 *
Passengers	No.	(Y) 22	389	7,288	9,760
Total Freight	Tons	3,827	3,707	4,248,737	3,842,122
Pleasure Craft		67	56	4,838	5,508 *

* Revised

- (1) Exclusive of 2,319 passengers on sight seeing pleasure boat cruises
Exclusive of 6,446 passengers carried in pleasure craft.
- (X) Exclusive of 5,900 passengers carried in small boats
One passenger through one lock recorded as "1"
- (Y) Exclusive of 200 passengers carried in pleasure craft.