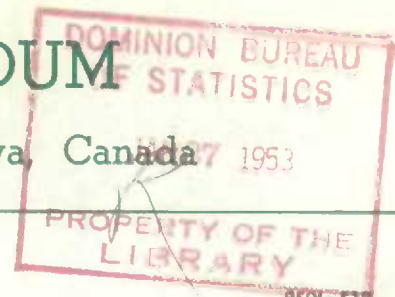


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D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

SUMMARY OF CANAL TRAFFIC

8504-517

5-1-53

NOVEMBER, 1952

The total volume of freight transported through the Canadian canals during the month of November amounted to 3,535,876 tons, a new record for the month and 191,165 tons or 5.7 per cent higher than the November, 1951 total of 3,344,711 tons. This advance was largely due to greater activity at the Welland Ship Canal as minor decreases were recorded at the Canadian Sault, the St. Lawrence and on the smaller canals except the St. Andrews. Commodities which were shipped in heavier quantities through the Welland included barley, corn, wheat; crude oil and petroleum, iron ore and all other freight. The Sault Ste-Marie and St. Lawrence canals also reported increased shipments of barley, corn and all other freight, this November.

During the month under review, 2,672 vessels aggregating 3,364,581 net tons were locked through the canals as compared to 2,583 vessels of 3,097,961 tons during the similar month a year earlier. In addition, 294 pleasure craft passed through the locks as compared to 218 in the preceding November and 116 passengers against 84.

SAULT STE. MARIE CANAL - CANADIAN AND UNITED STATES LOCKS: Total traffic through the combined locks of the Sault Ste. Marie canal reached a new high for the month of November totalling 13,747,307 tons as compared to 10,270,412 tons in the preceding November. This gain of 3,476,895 tons or 33.9 per cent was confined entirely to the eastbound traffic through the United States locks. Reported tonnages moving westbound through the American locks and both eastbound and westbound through the Canadian lock were all lower this November. Cargoes westbound through the Canadian lock dropped to 137,644 from 156,585 tons as oil and gasoline amounted to only 41,469 tons as compared with 53,854 tons in November, 1951. The total eastbound traffic fell slightly to 261,866 from 268,594 tons. Lighter shipments of soft coal to the west which amounted to 775,327 tons against the November, 1951 total of 1,026,279 tons accounted for the drop in total freight locked westbound through the combined system to 1,194,481 tons from 1,399,199.

In the rush to build up the stockpile of iron ore before the closing of navigation and to overcome the lost production caused by the United States steel and ore strikes during the summer, shipments of this vital commodity during the month were raised to 9,886,973 tons, a gain of 3,633,186 tons or 58.1 per cent over the November, 1951 total of 6,253,687 tons and increased the total tonnage of all commodities locked eastbound to 12,552,826 from 8,871,213 tons. Although the amount of wheat traffic declined from 1,754,452 tons in November, 1951 to 1,325,730, the amount of other grains rose to 782,001 from 473,346 tons for a gain of 308,655 tons.

A total of 2,788 vessels with an accumulated net tonnage of 12,184,138 used the combined facilities of the canals in November, a sizeable increase over the 2,140 vessels of 8,438,503 net tons which were reported in the preceding November.

WELLAND SHIP CANAL: The volume of freight locked through the Welland Ship canal during the month of November (in 999 vessels totalling 1,818,310 net tons), rose to 1,975,343 tons. This was an advance of 281,075 tons or 16.6 per cent over the November, 1951 total of 1,694,268 tons which were carried by 838 vessels aggregating 1,540,279 net tons. Commodities moved in heavier quantities this November included barley which improved to 147,818 tons from 67,271; corn up to 73,095 tons from 32,908; wheat up to 385,713 tons from 371,319; crude oil plus petroleum and other oils advancing to 205,445 tons from 148,699, all other freight up to 193,596 tons from 185,307, and iron ore which advanced sharply to 240,856 tons from the previous November total of 83,014 tons. Other commodities for which slight increases were recorded were oats, rye, woodpulp and paper. Decreases were reported for gasoline, pulpwood and sand; gasoline was down to 82,995 tons from 120,630 tons a year earlier, pulpwood was down to 4,576 from 33,562 tons and sand declined to 32,675 tons from 62,780. The products pipeline from Sarnia eastward naturally diverts lake traffic in petroleum products.

ST. LAWRENCE CANALS: The amount of freight passing through the St. Lawrence system declined slightly this November to 1,141,249 tons as compared with 1,181,413 tons in November of the previous year. Increased tonnages were reported for barley which reached 141,212 tons as compared to the November, 1951 total of 63,683; corn rose to 29,778 tons from 5,308, wheat was up to 333,940 tons from 321,509 and all other freight advanced to 201,171 from 171,976 tons. Minor gains were also reported for oats, rye, paper and woodpulp. These improvements were offset, however, by decreases in the following commodities; gasoline down to 61,880 from 93,391 tons; crude oil and petroleum down to 97,105 tons from 146,328; pulpwood down to 31,722 tons from 56,400; soft coal down to 163,710 tons from 215,811; iron ore down to 7,209 tons from 33,036; and, sand which fell to 12,835 tons from 27,835. Here again pipelines are cutting into petroleum transport connecting Montreal with Hamilton.

D.B.S. MEMORANDUM

SAULT STE MARIE CANALS:

| | | 1952 | | 1951 | |
|---------------------------|---------------|------------------|--------------------------|------------------|--------------------------|
| | | Canadian Lock | Canadian & U.S. Locks | Canadian Lock | Canadian & U.S. Locks |
| <u>East Bound</u> | | | | | |
| Pulpwood | Tons | 3,100 | 12,500 | 10,300 | 20,500 |
| Lumber | " | - | - | 400 | 400 |
| Flour | " | 13,767 | 13,767 | 15,116 | 15,116 |
| Wheat | " | 85,097 | 1,325,730 | 102,102 | 1,754,452 |
| Other Grain | " | 82,937 | 782,001 | 73,280 | 473,346 |
| Copper | " | - | - | - | - |
| Iron Ore | " | - | 9,886,873 | - | 6,253,687 |
| Scrap Iron | " | - | 18,184 | - | 22,684 |
| Structural Steel | " | 11,995 | 27,405 | 9,639 | 21,701 |
| Stone | " | 11,430 | 11,430 | 5,150 | 5,150 |
| Crude Oil | " | 2,700 | 421,596 | 14,034 | 259,890 |
| Other Freight | " | 50,840 | 53,340 | 38,573 | 44,287 |
| Total | " | 261,866 | 12,552,826 | 268,594 | 8,871,213 |
| Passengers | Number | 30 | 46 | 20 | 24 |
| <u>West Bound</u> | | | | | |
| Coal, soft | Tons | 36,637 | 775,327 | 38,878 | 1,026,279 |
| Coal, hard | " | - | 7,600 | 2,900 | 10,400 |
| Coke | " | - | - | 2,313 | 2,313 |
| Iron Ore | " | - | 49,777 | - | - |
| Structural Steel | " | 40 | 4,261 | 422 | 422 |
| Salt | " | 3,432 | 14,293 | 2,510 | 11,873 |
| Oil and Gasoline | " | 41,469 | 83,017 | 53,854 | 86,165 |
| Stone | " | - | 168,260 | - | 178,735 |
| Other Freight | " | 56,066 | 91,946 | 55,708 | 83,012 |
| Total | " | 137,644 | 1,194,481 | 156,585 | 1,399,199 |
| Passengers | Number | 19 | 34 | 12 | 26 |
| Total Freight | Tons | 399,510 | 13,747,307 | 425,179 | 10,270,412 |
| Total Passengers | Number | 49 | 80 | 32 | 50 |
| Number of Vessels | | 411 | 2,788 | 349 | 2,140 |
| Registered Tonnage | Net | 546,892 | 12,184,138 | 507,664 | 8,438,503 |

WELLAND SHIP CANAL:

| | | <u>NOVEMBER, 1952</u> | <u>NOVEMBER, 1951</u> |
|------------------------|------|-----------------------|-----------------------|
| Vessels | No. | 999 | 838 |
| Registered Tonnage | Tons | 1,818,310 | 1,540,279 |
| Passengers | No. | - | - |
| Barley | Tons | 147,818 | 67,271 |
| Corn | " | 73,095 | 32,908 |
| Oats | " | 13,908 | 9,936 |
| Rye | " | 5,347 | 2,526 |
| Wheat | " | 385,713 | 371,319 |
| Flour | " | - | - |
| Gasoline | " | 82,995 | 120,630 |
| Crude Oil | " | 80,514 | - |
| Petroleum & Other Oils | " | 124,931 | 148,699 |
| Sugar | " | 3,367 | 3,500 |
| Pulpwood | " | 4,576 | 33,562 |
| Autos and Parts | " | 72 | - |
| Paper | " | 48,517 | 44,848 |
| Wood Pulp | " | 16,383 | 5,642 |
| Soft Coal | " | 520,980 | 522,326 |
| Coke | " | - | - |
| Iron Ore | " | 240,856 | 83,014 |
| Sand | " | 32,675 | 62,780 |
| All other freight | " | 193,596 | 185,307 |
| Total Freight | " | 1,975,343 | 1,694,268 |

ST. LAWRENCE CANALS:

| | | | |
|------------------------|------|-----------|-----------|
| Vessels | No. | 1,085 | 1,100 |
| Registered Tonnage | Tons | 973,858 | 996,538 |
| Passengers | No. | - | - |
| Barley | Tons | 141,212 | 63,683 |
| Corn | " | 29,778 | 5,308 |
| Oats | " | 7,860 | 6,935 |
| Rye | " | 6,682 | 2,607 |
| Wheat | " | 333,940 | 321,509 |
| Flour | " | - | - |
| Gasoline | " | 61,880 | 93,391 |
| Crude Oil | " | 28,450 | - |
| Petroleum & Other Oils | " | 68,655 | 146,328 |
| Sugar | " | - | 500 |
| Pulpwood | " | 31,722 | 56,400 |
| Autos and Parts | " | 48 | - |
| Paper | " | 29,938 | 26,027 |
| Wood Pulp | " | 13,762 | 6,242 |
| Hard Coal | " | 2,397 | 3,825 |
| Soft Coal | " | 163,710 | 215,811 |
| Iron Ore | " | 7,209 | 33,036 |
| Sand | " | 12,835 | 27,835 |
| All other freight | " | 201,171 | 171,976 |
| Total Freight | " | 1,141,249 | 1,181,413 |



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| | | Ottawa River Canal | | Rideau Canal | |
|--------------------|------|-----------------------|--------|---------------------|-----------|
| | | 1952 | 1951 | 1952 | 1951 |
| Vessels | No. | 60 | 122 | 21 | 16 |
| Registered Tonnage | Tons | 14,161 | 33,549 | 1,075 | 834 |
| Passengers | No. | - | - | 67(1) | 52 |
| Total Freight | Tons | 12,005 | 28,261 | 15 | 43 |
| Pleasure Craft | | 45 | 25 | 206 | 169* |
| | | Richelieu River Canal | | Trent Canal | |
| Vessels | No. | 44 | 99 | 1 | 1 |
| Registered Tonnage | Tons | 7,125 | 14,637 | 17 | 17 |
| Passengers | No. | - | - | X - | - |
| Total Freight | Tons | 6,942 | 14,264 | - | 6 |
| Pleasure Craft | | - | - | 17 | 7* |
| | | Murray Canal | | St. Peter's Canal | |
| Vessels | No. | 1 | 4 | 45 | 43 |
| Registered Tonnage | Tons | 60 | 2,284 | 2,743 | 2,093 |
| Passengers | No. | - | - | - | - |
| Total Freight | Tons | - | - | 765 | 1,277 |
| Pleasure Craft | | 24 | 14 | 2 | 3 |
| | | St. Andrew's Canal | | All Canadian Canals | |
| Vessels | No. | 5 | 1 | 2,672 | 2,583 |
| Registered Tonnage | Tons | 340 | 66 | 3,364,581 | 3,097,961 |
| Passengers | No. | - | - | 116 | 84 |
| Total Freight | Tons | 47 | - | 3,535,876 | 3,344,711 |
| Pleasure Craft | | - | - | 294 | 218* |

* Revised

(1) Exclusive of 455 passengers carried in pleasure craft.

(X) Exclusive of 81 passengers carried in small boats
One passenger through one lock recorded as "1".