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SUMMARY OF CANAL STATISTICS

JUNE 1963

Due largely to a heavier movement of iron ore, total freight cleared through Canadian Canals during June reached a new high of 10,150,049 tons. This was 10.8 per cent over June last year and 8.5 per cent above the previous record of 9,354,823 tons set in May this year. Increases were reported for the St. Lawrence, Welland and two of the smaller canals. The number of vessel passages rose to 2,960 from 2,869 while the registered net tonnage increased 7.4 per cent to 7,761,037 tons from 7,227,335. The number of passengers carried declined to 14,600 from 15,771 but pleasure craft lockages increased to 19,118 from 12,815 in June last year.

Sault Ste. Marie Canals - Canadian and United States Locks: The volume of freight locked through the combined system declined to 12,425,692 tons from 12,565,765 in the corresponding month last year. Traffic using the Canadian lock was down to 122,708 tons from 152,015. Minor increases in wheat and coal shipments through both canals were more than offset by a decline of 457,562 tons in the movement of iron ore. Total eastbound freight declined to 10,959,790 tons from 11,176,018 while westbound traffic rose to 1,465,902 tons from 1,389,747. Vessel passages dropped to 2,146 from 2,391 in the previous June.

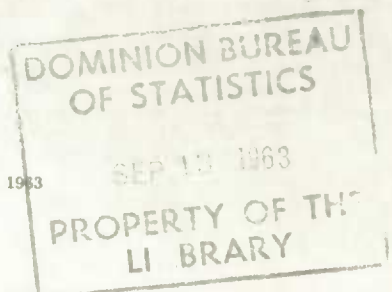
Welland Canal: Freight tonnage moved through the Welland Canal rose 8.9 per cent to 5,587,549 tons from 5,130,643 in June 1962. Increases included corn, up to 575,936 tons from 416,431, bituminous coal, up to 589,928 tons from 489,443 and iron ore to 2,039,929 tons from 1,964,996. Eastbound traffic was up 6.9 per cent to 3,503,882 tons from 3,278,018 while westbound freight increased 12.5 per cent to 2,083,667 tons from 1,852,625. During the month, a total of 1,023 vessels of 4,168,543 registered net tons passed through the canal compared with 1,036 vessels of 3,900,534 net tons in the same month last year.

St. Lawrence Canals: Freight transported through the St. Lawrence canals in June increased 13.5 per cent to 4,266,283 tons from 3,760,234 in the corresponding month last year. Commodities carried in greatest volume were: iron ore, 1,307,868 tons (1,229,677 in June 1962), wheat, 583,689 tons (624,924), corn, 549,536 tons (391,705) and fuel oil, 224,917 tons (164,110). Total eastbound freight was up 9.8 per cent to 2,163,466 tons from 1,970,078 while westbound traffic rose 17.5 per cent to 2,102,817 tons from 1,790,156. A total of 1,104 vessels with a registered net tonnage of 3,109,573 tons cleared through the canals compared with 1,091 vessels of 2,861,537 net tons in June 1962.

Prepared in the Transportation Section
Public Finance and Transportation Division

September
8504-517

ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa, 1963



SUMMARY OF CANAL STATISTICS

| | Number of vessel passages | Registered net tonnage of vessels | Number of passengers | Number of pleasure craft(1) | Tons of freight |
|-------------------------------------|---------------------------------|---|----------------------------|-----------------------------------|-----------------------|
| <u>June 1961</u> | | | | | |
| <u>ALL CANADIAN CANALS</u> | 2,960 | 7,761,037 | 14,600 | 19,118 | 10,150,049 |
| Canso Canal | 128 | 147,958 | - | 4 | 168,554 |
| Murray Canal | 15 | 672 | - | 434 | - |
| Ottawa River Canals | 63 | 2,577 | 63 | 1,853 | - |
| Richelieu River Canal | 94 | 11,586 | - | 585 | 4,300 |
| Rideau Canal | 8 | 328 | 11(2) | 5,613 | - |
| St. Andrew's Canal | 50 | 2,163 | 104(3) | 279 | 478 |
| St. Lawrence Canals | 1,104 | 3,109,573 | 756 | 232 | 4,266,283 |
| St. Peter's Canal | 36 | 1,152 | 4 | 25 | 169 |
| Sault Ste. Marie Canal | 435 | 316,436 | 13,231 | 157 | 122,708 |
| Trent Canal | 4 | 44 | - (4) | 9,852 | 10 |
| Welland Canal | 1,023 | 4,168,543 | 431 | 84 | 5,587,549 |
| <u>June 1962</u> | | | | | |
| <u>ALL CANADIAN CANALS</u> | 3,859 | 7,227,335 | 15,771 | 12,815 | 9,157,141 |
| Canso Canal | 103 | 85,504 | - | 66 | 102,208 |
| Murray Canal | 16 | 602 | - | 344 | - |
| Ottawa River Canals | 4 | 72 | - | 1,185 | - |
| Richelieu River Canal | 91 | 12,997 | - | 20 | 11,961 |
| Rideau Canal | 6 | 188 | 2 | 4,188 | - |
| St. Andrew's Canal | - | - | - | - | - |
| St. Lawrence Canals | 1,091 | 2,861,537 | 1,132 | 130 | 3,760,234 |
| St. Peter's Canal | 36 | 1,331 | - | 2 | 70 |
| Sault Ste. Marie Canal | 482 | 364,726 | 14,091 | 78 | 152,015 |
| Trent Canal | 4 | 44 | - | 6,763 | 10 |
| Welland Canal | 1,036 | 3,900,534 | 546 | 39 | 5,130,643 |
| <u>June 1963</u> | | | | | |
| <u>Sault Ste. Marie Canals:</u> | | | | | |
| <u>East Bound:</u> | | | | | |
| Canadian Lock | 294 | 179,060 | 12,452 | 82 | 99,776 |
| Can. & U.S. Locks | 1,086 | .. | 13,029 | 82 | 10,959,790 |
| <u>West Bound:</u> | | | | | |
| Canadian Lock | 141 | 137,376 | 779 | 75 | 22,932 |
| Can. & U.S. Locks | 1,060 | .. | 12,618 | 75 | 1,465,902 |
| <u>Totals:</u> | | | | | |
| Canadian Lock - June 1963 | 435 | 316,436 | 13,231 | 157 | 122,708 |
| Can. & U.S. Locks - June 1963 | 2,146 | .. | 25,647 | 157 | 12,425,692 |
| Canadian Lock - June 1962 | 482 | 364,726 | 14,091 | .. | 152,015 |
| Can. & U.S. Locks - June 1962 | 2,391 | .. | 26,167 | .. | 12,565,765 |
| <u>WELLAND CANAL:</u> | | | | | |
| East Bound | 508 | 2,093,332 | 221 | 38 | 3,503,882 |
| West Bound | 515 | 2,075,211 | 210 | 46 | 2,083,667 |
| Totals - June 1963 | 1,023 | 4,168,543 | 431 | 84 | 5,587,549 |
| Totals - June 1962 | 1,036 | 3,900,534 | 546 | 39 | 5,130,643 |
| <u>ST. LAWRENCE CANALS:</u> | | | | | |
| East Bound | 551 | 1,572,783 | 392 | 118 | 2,163,466 |
| West Bound | 553 | 1,536,790 | 364 | 114 | 2,102,817 |
| Totals - June 1963 | 1,104 | 3,109,573 | 756 | 232 | 4,266,283 |
| Totals - June 1962 | 1,091 | 2,861,537 | 1,132 | 130 | 3,760,234 |

(1) One pleasure craft through one lock station recorded as "1".

(2) Exclusive of 3,681 paying passengers on sightseeing pleasure boat cruises and 16,373 passengers carried in pleasure craft (3,347 and 11,672 in 1962).

(3) Excludes 1,001 passengers carried in pleasure craft.

(4) 33,347 passengers carried in small boats (32,693 in 1962).

.. Figures not available.

SUMMARY OF CANAL STATISTICS

June 1963

| Commodities | East Bound | | West Bound | | Total | |
|--|---------------|-------------------------|---------------|-------------------------|---------------|-------------------------|
| | Canadian Lock | Canadian and U.S. Locks | Canadian Lock | Canadian and U.S. Locks | Canadian Lock | Canadian and U.S. Locks |
| SAULT STE. MARIE CANALS: | | | | | | |
| Barley | 8,326 | 186,731 | - | - | 8,326 | 186,731 |
| Corn | - | 257,826 | - | - | - | 257,826 |
| Oats | 5,038 | 116,869 | - | - | 5,038 | 116,869 |
| Rye | - | 73,855 | - | - | - | 73,855 |
| Wheat | 1,479 | 837,791 | - | - | 1,479 | 837,791 |
| Flour, wheat | - | 6,452 | - | - | - | 6,452 |
| Cereals, milled, n.e.s. | 2,868 | 99,894 | - | - | 2,868 | 99,894 |
| Foods, beverages, tobacco, n.e.s. | 11,973 | 11,973 | 72 | 72 | 12,045 | 12,045 |
| Flaxseed | - | 25,799 | - | - | - | 25,799 |
| Pulpwood, lumber and logs | 7,087 | 31,293 | 405 | 405 | 7,492 | 31,698 |
| Iron ore | - | 9,101,581 | - | - | - | 9,101,581 |
| Iron and steel scrap | - | 16,600 | - | 16,261 | - | 32,861 |
| Coal, anthracite | - | - | - | - | - | - |
| Coal, bituminous | - | - | 2,396 | 1,030,458 | 2,396 | 1,030,458 |
| Sand, gravel and stone | 11,555 | 11,555 | - | 187,761 | 11,555 | 199,316 |
| Paper and woodpulp | 24,938 | 34,067 | - | - | 24,938 | 34,067 |
| Gasoline | 2,312 | 16,904 | 4,073 | 29,482 | 6,385 | 46,386 |
| Fuel oil | - | 11,694 | - | 81,505 | - | 93,199 |
| Petroleum products, other | - | - | - | - | - | - |
| Pig iron | - | 22,817 | - | - | - | 22,817 |
| Iron and steel, manufactured | 17,094 | 49,123 | 126 | 19,679 | 17,220 | 68,802 |
| Cement | - | - | - | 22,519 | - | 22,519 |
| Motor vehicles | - | 27 | - | 96 | - | 123 |
| Miscellaneous freight, n.e.s. | - | 39,833 | 6,592 | 68,396 | 6,592 | 108,229 |
| Domestic package freight | 7,106 | 7,106 | 9,268 | 9,268 | 16,374 | 16,374 |
| Totals | 99,776 | 10,959,790 | 22,932 | 1,465,902 | 122,708 | 12,425,692 |

| | East Bound | West Bound | Total |
|------|------------|------------|-------|
| tons | | | |

| Commodities | East Bound | | West Bound | | Total | |
|--|---------------|-------------------------|---------------|-------------------------|---------------|-------------------------|
| | Canadian Lock | Canadian and U.S. Locks | Canadian Lock | Canadian and U.S. Locks | Canadian Lock | Canadian and U.S. Locks |
| WILLAND CANAL: | | | | | | |
| Meat and meat preparations | - | 3,937 | - | 193 | - | 4,130 |
| Barley | - | 220,577 | - | 3,858 | - | 224,435 |
| Corn | - | 575,936 | - | - | - | 575,936 |
| Oats | - | 75,985 | - | - | - | 75,985 |
| Rye | - | 84,439 | - | - | - | 84,439 |
| Wheat | - | 648,926 | - | - | - | 648,926 |
| Malt | - | 2,868 | - | - | - | 2,868 |
| Flour, wheat | - | 14,856 | - | - | - | 14,856 |
| Cereals, milled, n.e.s. | - | 9,902 | - | - | - | 9,902 |
| Beans and peas, dried | - | 21,089 | - | 5 | - | 21,094 |
| Sugar | - | - | - | 8,253 | - | 8,253 |
| Syrup and molasses | - | - | - | 16,171 | - | 16,171 |
| Margarine, shortening and lard | - | 8,481 | - | - | - | 8,481 |
| Fodder and feed | - | 51,479 | - | 21 | - | 51,500 |
| Foods, beverages, tobacco, n.e.s. | - | 25,772 | - | 12,089 | - | 37,861 |
| Flaxseed | - | 25,967 | - | - | - | 25,967 |
| Soybeans | - | 182,313 | - | - | - | 182,313 |
| Rubber, natural and synthetic | - | 4,485 | - | 6,246 | - | 10,731 |
| Pulpwood | - | 9,254 | - | 61,152 | - | 70,406 |
| Aluminum ore and concentrate | - | - | - | 11,385 | - | 11,385 |
| Iron ore | - | 660,896 | - | 1,379,033 | - | 2,039,929 |
| Iron and steel scrap | - | 39,417 | - | - | - | 39,417 |
| Coal, bituminous | - | 564,723 | - | 25,205 | - | 589,928 |
| Clay and bentonite | - | 13,739 | - | 2,675 | - | 16,414 |
| Sand and gravel | - | 8,271 | - | 10,287 | - | 18,558 |
| Stone, crushed, broken | - | - | - | 134,316 | - | 134,316 |
| Salt | - | 8,404 | - | - | - | 8,404 |
| Sulphur | - | - | - | 7,000 | - | 7,000 |
| Crude materials, inedible, n.e.s. | - | 10,437 | - | 10,745 | - | 21,182 |
| Woodpulp | - | - | - | 2,896 | - | 2,896 |
| Newsprint paper | - | 1,254 | - | 45,174 | - | 46,428 |
| Fish and animal oils | - | 22,989 | - | 7,506 | - | 30,495 |
| Soybean oil | - | 8,621 | - | - | - | 8,621 |
| Sodium products | - | 18,117 | - | 51 | - | 18,168 |
| Chemicals, related products, n.e.s. | - | 17,894 | - | 22,237 | - | 40,131 |
| Gasoline | - | 6,491 | - | 36,121 | - | 42,612 |
| Fuel oil | - | 41,688 | - | 89,433 | - | 131,121 |
| Lubricating oils and greases | - | 3,603 | - | 9,434 | - | 13,037 |
| Coke | - | 22,784 | - | - | - | 22,784 |
| Tar, pitch and creosote | - | 9,234 | - | 6,885 | - | 16,119 |



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SUMMARY OF CANAL STATISTICS

June 1963

| Commodities | East Bound | | | West Bound | | | Total | | |
|---|------------|---------|-----------|------------|---------|-----------|-----------|---------|-----------|
| | Bulk | General | Total | Bulk | General | Total | Bulk | General | Total |
| WELLAND CANAL - Concluded: | | | | | | | | | |
| | tons | | | | | | | | |
| Petroleum, coal products, n.e.s. | | | 162 | | | - | | | 162 |
| Pig iron | | | - | | | 15,457 | | | 15,457 |
| Iron and steel: ingot, bar, etc. | | | 928 | | | 18,481 | | | 19,409 |
| Steel: plate, sheet and strip | | | 8,006 | | | 9,856 | | | 17,862 |
| Iron and steel, n.e.s. | | | 1,529 | | | 46,846 | | | 48,375 |
| Cement | | | 8,200 | | | 2,543 | | | 10,743 |
| Machinery, equipment and parts | | | 9,700 | | | 2,956 | | | 12,656 |
| Motor vehicles and parts | | | 13,367 | | | 6,178 | | | 19,545 |
| Miscellaneous freight, n.e.s. | | | 14,862 | | | 42,569 | | | 57,431 |
| Domestic package freight | | | 22,300 | | | 30,410 | | | 52,710 |
| Totals | | | 3,503,882 | | | 2,083,667 | | | 5,587,549 |
| | East Bound | | | West Bound | | | Total | | |
| | Bulk | General | Total | Bulk | General | Total | Bulk | General | Total |
| ST. LAWRENCE CANALS: | | | | | | | | | |
| | tons | | | | | | | | |
| Meat and meat preparations | | | - | | | 4,266 | | | 4,266 |
| Barley | | | 190,991 | | | 190,991 | | | 190,991 |
| Corn | | | 549,536 | | | 549,536 | | | 549,536 |
| Oats | | | 67,042 | | | 67,042 | | | 67,042 |
| Rye | | | 79,870 | | | 79,870 | | | 79,870 |
| Wheat | | | 583,689 | | | 583,689 | | | 583,689 |
| Malt | | | 2,868 | | | 2,868 | | | 2,868 |
| Flour, wheat | | | 14,987 | | | 14,987 | | | 14,987 |
| Cereals, milled, n.e.s. | | | 9,902 | | | 9,902 | | | 9,902 |
| Beans and peas, dried | | | 21,149 | | | 21,149 | | | 21,149 |
| Sugar | | | - | | | 6,178 | | | 6,178 |
| Syrup and molasses | | | - | | | 5,602 | | | 5,602 |
| Margarine, shortening and lard | | | 7,098 | | | 1,398 | | | 8,496 |
| Soyabean oil cake and meal | | | 42,673 | | | 42,673 | | | 42,673 |
| Fodder and feed, n.e.s. | | | 31,519 | | | 253 | | | 31,772 |
| Foods, beverages, tobacco, n.e.s. | | | 1,080 | | | 27,581 | | | 28,661 |
| Flaxseed | | | 21,293 | | | 21,293 | | | 21,293 |
| Soyabeans | | | 139,328 | | | 139,328 | | | 139,328 |
| Rubber, natural and synthetic | | | 460 | | | 4,025 | | | 4,485 |
| Pulpwood | | | - | | | 61,152 | | | 61,152 |
| Aluminum ore and concentrates | | | - | | | 11,385 | | | 11,385 |
| Iron ore | | | 16,843 | | | 1,291,025 | | | 1,307,868 |
| Iron and steel scrap | | | 33,787 | | | 2,000 | | | 35,787 |
| Coal, bituminous | | | 56,463 | | | 118,547 | | | 175,010 |
| Clay and bentonite | | | 13,716 | | | 390 | | | 14,106 |
| Petroleum, crude | | | - | | | 42,788 | | | 42,788 |
| Phosphate rock | | | - | | | - | | | - |
| Salt | | | 13,455 | | | 250 | | | 13,705 |
| Sulphur | | | - | | | 7,000 | | | 7,000 |
| Crude materials, inedible, n.e.s. | | | 4,293 | | | 10,678 | | | 14,971 |
| Woodpulp | | | - | | | 2,896 | | | 2,896 |
| Newsprint paper | | | - | | | 1,254 | | | 1,254 |
| Fish and animal oils | | | 23,314 | | | 473 | | | 23,787 |
| Chemicals and related products | | | 4,149 | | | 11,650 | | | 15,799 |
| Gasoline | | | 2,872 | | | - | | | 2,872 |
| Fuel oil | | | 7,856 | | | 7,856 | | | 15,712 |
| Lubricating oils and greases | | | - | | | 548 | | | 548 |
| Coke | | | 22,784 | | | 22,784 | | | 45,568 |
| Tar, pitch and creosote | | | 5,875 | | | 3 | | | 5,878 |
| Petroleum and coal products, n.e.s. | | | - | | | 175 | | | 175 |
| Pig iron | | | - | | | 15,457 | | | 15,457 |
| Iron and steel: ingot, bar, etc. | | | - | | | 1,737 | | | 1,737 |
| Steel: plate, sheet and strip | | | 143 | | | 12,004 | | | 12,147 |
| Iron and steel, n.e.s. | | | 11,390 | | | 9,959 | | | 21,349 |
| Machinery, equipment and parts | | | 360 | | | 9,825 | | | 10,185 |
| Motor vehicles and parts | | | - | | | 13,507 | | | 13,507 |
| Miscellaneous freight, n.e.s. | | | 12,407 | | | 14,680 | | | 27,087 |
| Domestic package freight | | | 45,868 | | | - | | | 45,868 |
| Totals | 2,039,060 | 124,406 | 2,163,466 | 1,888,437 | 214,380 | 2,102,817 | 3,927,497 | 338,786 | 4,266,283 |

(1) Includes 10,004 tons of non-toll traffic.