OTTAWA - CANADA

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Memorandum

Price per year $\$ 1.00$

## SUMMARY OF CANAL STATISTICS

June, 1958
Freight tonnage cleared through Canadian canals in June was down by 10.1 per cent, dropping to $4,768,508$ tons from 5,301,518 in June 1957. Decreased freight traffic was reported on the Welland Ship, St. Lawrence, Sault Ste. Marie and four smaller canals, with increased volumes of wheat and barley only partially offsetting reduced shipments of bituminous coal and iron ore. Vessel passages numbered 3,282 as against 4,372 and registered net tonnage showed a corresponding reduction to 4,171,656 tons from 4,548,886.

Pleasure craft lockages increased by 2,406 to 9,432 while the number of passengers on vessels passed through the locks rose to 12,971 from 8,289 .

Sault Ste. Marie Canals - Canadian and United States Locks:
Cargoes shipped through the combined system this June dropped to $11,522,820$ tons from 17,205,249 in June 1957. The Canadian share declined to 141,853 tons from 201,797. Primary reason for the combined decrease was a drop in east-bound shipments of iron ore to $8,240,309$ tons from $13,746,505$. West-bound shipments of bituminous coal were also down dropping to $1,105,756$ tons from $1,401,432$. A total of 2,333 vessels aggregating 9,209,530 net registered tons used the canals this June as compared with 3,045 vessels aggregating $13,632,337$ tons in June last year.

## Welland Ship Canal:

The volume of freight carried through the Welland Ship canal totalled $2,896,709$ tons in June, 8.3 per cent below the $3,158,956$ tons carried one year ago. Traffic in bituminous coal was reduced to 573,393 tons from 823,160 , iron ore to 692,955 tons from 919,417 , crude petroleum to 43,291 tons from 131,085 and flaxseed to 28,524 tons from 76,048 . Partially offseting these decreases were increases in wheat, which rose to 569,877 tons from 376,438 , and barley to 222,861 tons from 88,587 . During the month a total of 1,143 vessels of $2,497,460$ net tons passed through the canal as compared with 1,263 vessels of $2,648,290$ net tons in June 1957.

St. Lawrence Canals:
Frefght transported through the St. Lawrence canals declined 9.4 per cent to $1,644,474$ tons from 1,814,659 in June 1957. Bituminous coal shipments decreased to 126,461 tons from 236,927 iron ore to 273,862 tons from 482,848 and flaxseed to 25,686 tons from 51,788. Increases were registered in wheat shipments which rose to 419,176 tons from 322,877 and barley which advanced to 188,370 tons from 59,688 . Vessel passages decreased to 1,356 from 1,881 and total registered net tonnage to $1,199,057$ tons from 1,255,505.

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8504-517-68.

|  | June, 1958 |  |  |  |  |  | ```Cumulative tons of freight 1958``` |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number of vessel passiges | Registered net tonnage of vessels | Numberofpassengers |  | Number of pleasure craft | Tons <br> of <br> freight |  |
| ALL CANADIAN CANAIS | 3,282 | 4,171,656 |  |  | 9,432 | 4,768,508 | 11,365,093 |
| Canso Canal | 127 | 67,874 |  | - | - | 66,664 | 203,592 |
| Muriay Canal | 29 | 7,076 |  | - | 292 | - | , 33 |
| Ottawa River Canals | 7 | 148 |  | - | 1,131 | - | - |
| Richelieu River Canal | 92 | 14,389 |  | 18 | 1,131 | 17,718 | 43,086 |
| Ridesu Canal | 10 | 214 |  | 62 (1) | 3,111 | 13 | 23 |
| St. Andrew's Canal | $\begin{array}{r}75 \\ \hline .356\end{array}$ | 4,923 |  | -(2) | 137 | , 981 | 1,095 |
| St. Lawrence Canals | 1,356 | 1,199,057 |  | 5 | $110$ | 1,644,474 | 3,739,149 |
| St. Peter's Canal | 26 | 1,021 |  | 6 | 2 | 1,644,48 | -1386 |
| Sault Ste, Marie Canal | 409 | 379,369 |  |  | $60$ | $141,853$ | 368,331 |
| Trent Canal | -8 | $125$ |  | $-(3)$ | 4,585 | $8$ | , 22 |
| Welland Ship Canal | 1,143 | 2,497,460 |  | 850 | 6 | 2,896,709 | 7,009,376 |
|  |  | June | e, 1957 |  |  |  | Cumulative-1957 |
| ALL CANADIAN CANALS | 4,372 | 4,548,886 |  | 289 | 7,026 | 5,301,518 | 13,239,109 |
| Canso Canal | 165 | 52,878 |  | 5 | - | 49,259 | 101,657 |
| Murray Canal | 22 | 7,133 |  | 4 | 245 | 4,259 | 101,657 |
| Ottawa River Canals | 288 | 74,726 |  | - | 1,254 | 63,900 | 115,200 |
| Richelieu River Canal | 69 | 11,026 |  | 7 | - | 6,776 | 25,128 |
| Rideau Canal <br> St. Andrew's Canal | 132 | 5,509 |  | 287 | 2,992 | 4,512 | 4,512 |
| St. Andrew S Canal | 73 | 5,552 $1,255,505$ |  | 1 69 | 73 | 1,456 | 1,774 |
| St. Peter's Canal | 1,881 44 | $1,255,505$ 1,072 |  | 69 | 94 | $1,814,659$ 196 | -4,311,710 |
| Sault Ste. Marie Canal | 422 | 487,007 |  | 876 | 88 | 201, 797 | 476,659 |
| Trent Canal | 13 | 188 |  |  | 2,280 | 201,7 | 17 |
| Welland Ship Canal | 1,263 | 2,648,290 |  | 21 | - | 3,158,956 | 8,201,783 |
|  |  | e, 1958 |  | une, |  | Cumulative-1958 | Cumulative-195? |
|  | $\begin{gathered} \text { Canadian } \\ \text { lock } \\ \hline \end{gathered}$ | Canadian and U.S. locks | Canadian lock |  | lan and locks | Canadian and U.S. locks | Canadian and U.S. locks |
| SAULT STE. MARIE CANALS |  |  |  |  |  |  |  |
| Number of vessel passages | 226 | 1,153 | 216 |  | 1,523 | 2,153 | 3,393 |
| Registered net tonnage | 145,111 | 4,584,617 | 181,004 |  | ,830,696 | 8,161,329 | 15,583,544 |
| Number of passengers | 10,163 | 11,254 | 6,341 |  | 7,035 | -13,357 | -7,925 |
| Commodities (Cargo tons) |  |  |  |  |  |  |  |
| Newsprint and wood pulp | 25,194 | 28,494 | 24,610 |  | 25,955 | 68,731 | 67,753 |
| Pulpwood, lumber and logs | 500 | 56,774 | , - |  | 56,800 | 99,414 | 86,466 |
| Wheat | 9,966 | 894,848 | 23,374 |  | 673,405 | 2,996,922 | 2,425,233 |
| Barley | 6,486 | 347,294 | 9,788 |  | 168,151 | 979,402 | 588,524 |
| Oats | 8,991 | 104,497 | 8,059 |  | 77,080 | 335,603 | 241,489 |
| Corn | - | 6,404 | , |  | 1,854 | 75,401 | 61,378 |
| Rye | - | 62,185 | 5,581 |  | 76,086 | 114,160 | 107,978 |
| Flaxseed | 1.884 | 24,914 | 2,589 |  | 89,923 | 73,927 | 199,354 |
| Flour Other grain \& mill products | 1,884 21,000 | 2,769 35,145 | 5,341 19,827 |  | 5,341 29,396 | 20,070 | 17,528 |
| Iron ore | 21,000. | 35,145 $8,240,309$ | 19,827 |  | 29,396 746,505 | 74,054 $12,050,621$ | 62,569 $29,774,930$ |
| Manufacturediron \& seel | 12,695 | 18,003 | 13,901 |  | 35,651 | 12,050,656 | 24,509 |
| Pig iron | 12,695 | 30,460 | 13,901 |  | 34,090 | 30,460 | 52,208 |
| Scrap iron | 10,400 | 15,568 | 1,871 |  | 44,463 | 34,718 | 93,109 |
| Sand, gravel and stone | 10,400 | 10,400 | 9,850 |  | 9,850 | 36,050 | 26,700 |
| Petroleum, crude | 10, | 57,641 | 9,850 |  | 126,814 | 115,593 | 283,343 |
| Other petroleum products | 2,550 | 6,550 | 1,000 |  | 1,000 | 12,511 | 12,280 |
| All other freight | 2,039 | 8,810 | 1,273 |  | 4,073 | 9,160 | 4,411 |
| TOTAL FREIGHT | 101,705 | 9,951,065 | 127,064 |  | ,206,437 | 17,167,453 | 34,189,762 |

(1) (Exclusive of 3,187 paying passengers on sightseeing pleasure boat crulsos
(Exclusive of 9,140 passengers cartied in pleasure craft.
(2) 434 passengers carried in pleasure craft.
(3) 15,728 passengers carried in small boats

One passenger through one lock station recorded as "l" One pleasure craft through one lock station recorded as " 1 ".

$\frac{\text { SAULT STE. MARIB CANALS }}{\text { WESTBOUND }}$

| Number of vestel passages | 183 | 1,150 | 206 | 1,522 | 2,265 | 3,516 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Megistered net tommage | 234,258 | 4,624,913 | 306,003 | 6,801,641 | 8,590,761 | 16,146,957 |
| Number of passengers | 1,867 | 11,379 | 1,535 | 7,469 | 13,500 | 8,386 |

## Comodities (Cargo tons)

| Cement | - | 42,475 | - | 35,092 | 74,975 | 71,733 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Coal, bituminous | 9,462 | 1,105,756 | 5,498 | 1,401,432 | 1,725,476 | 3,622,482 |
| Coal, anthrecite | - | 10,500 | - | 28,924 | 10,500 | 121,222 |
| Coke | - | 10,045 | - | 25,352 | 10,045 | 37,631 |
| Iron ore | - | 8,288 | - | 46,341 | 19,636 | 81,386 |
| Manufactured iron \& bteel | 2,286 | 33,327 | 1,874 | 23,721 | 62,090 | 68,344 |
| Scrap iron | - | - | - | 6,100 | - | 12,100 |
| Salt | 40 | 16,244 | 4;451 | 16,539 | 29,071 | 41,912 |
| Sand, gravel and stone | - | 184,807 | 6,348 | 251,745 | 351,737 | 612,925 |
| Gasoline | 4,700 | 41,204 | 11,700 | 45,670 | 105,284 | 132,513 |
| Puel ofl | - | 75,243 | 2,500 | 49,506 | 167,184 | 130,213 |
| Other petroleus producta | - | - | 1,163 | 1,163 | 2,600 | 5,518 |
| Autos, crucke \& parts | 298 | 5,050 | 1,187 | 8,644 | 9,717 | 18,596 |
| All other frelght | 23,362 | 38,816 | 40,012 | 58,583 | 108,957 | 138,994 |
| TUTAL FREIGT | 40,148 | 1,571,755 | 74,733 | 1,998,812 | 2,677, 272 | 5,095,569 |

SANLT STE. MARIR CANALS
TOTAL

| Number of vessel passeges | 409 |  |  |  |  |  | 6,909 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reglatered net tomnage | 379,369 | 9,20 | 487 | 13,6 | 7 16, |  | 31,730,501 |
| Number of pasengers | 12,030 |  |  |  |  |  | 16,311 |
| Number of pleasure craft | 60 |  |  |  |  | 3 | 106 |
| Tons of freight | 141,853 | 11,5 | 201,797 | 17,205,249 | 19,844,725 |  | 39,285,331 |
|  |  | June, 1958 |  |  | June, 1957 | 1958 | 1957 |
|  |  | UP | Down | Total | Total | Cumulative Total |  |

## WELLAND SHIP CANAL

Number of versel passages
Reglatered net tonnage
Number of passengers
Number of pleasure creft
Commoditles (Cargo tons)


TOTAL FREIGHT
627,037

| 583 | 560 | 1,143 |
| ---: | ---: | ---: |
| $1,266,468$ | $1,230,992$ | $2,497,460$ |
| 425 | 425 | 850 |

1,263
$2,648,290$

$$
4,93
$$

$$
\begin{array}{r}
4,934,344 \\
850
\end{array}
$$

$$
\begin{array}{r}
3,277 \\
7,105,888 \\
21
\end{array}
$$

| - | 569,877 | 569,877 | 376,438 | 1,384,267 | 940,285 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| - | 25,993 | 25,993 | 32,057 | 59,757 | 78,514 |
| - | 40,881 | 40,881 | 26,382 | 110,617 | 76,504 |
| - | 222,861 | 222,861 | 88,587 | 686,078 | 322,700 |
| - | 2,949 | 2,949 | 1,120 | 20,149 | 4,060 |
| - | 28,524 | 28,524 | 76,048 | 58,255 | 187,126 |
| - | 28,524 | - | - | 28,962 | 45,450 |
| 260 | 2,457 | 2,717 | 1,109 | 9,148 | 3,764 |
| - | 10,131 | 10,131 | 1,650 | 11,862 | 4,347 |
| - | - | - | - | 7,269 | - |
| 1,097 | 572,296 | 573,393 | 823,160 | 1,714,087 | 2,557,085 |
| - | 2,758 | 2,758 | 1,369 | 17,220 | 4,771 |
| 304,406 | 388,549 | 692,955 | 919,417 | 1,138,021 | 1,864,106 |
| - | 43,291 | 43,291 | 131,085 | 88,545 | 406,054 |
| 14,860 | - | 14,860 | 13,564 | 46,082 | 37,048 |
| - | 24,210 | 24,210 | 13,304 | 36,121 | 24,857 |
| 61,934 | 36,938 | 98,872 | 85,120 | 138,276 | 119,596 |
| 17,937 | 8,850 | 26,787 | 36,355 | 111,984 | 114,453 |
| 29,802 | 111,508 | 141,310 | 128,085 | 345,236 | 300,478 |
| 20,840 | 17,750 | 38,590 | 52,790 | 106,463 | 159,573 |
| 6,193 | 6,816 | 13,009 | 11,874 | 33,439 | 40,126 |
| 1,458 | 20 | 1,478 | 808 | 4,440 | 2,726 |
| 899 | 3,150 | 4,049 | 12,437 | 11,870 | 17,686 |
| 42,182 | 1,100 | 43,282 | 49,940 | 147,444 | 148,582 |
| 6,191 | 18,140 | 24,331 | 3,402 | 140,253 | 59,065 |
| 118,978 | 130,623 | 249,601 | 272,855 | 553,531 | 682,825 |
| 627,037 | 2,269,672 | 2,896,709 | 3,158,956 | 7,009,376 | 8,201,783 |


| June, 1958 |  |  | June, 1957 | 1958 | 1957 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Up | Down | Total | Total | Cumulative Total |  |

ST. LAWRTNCE CANALS

| Number of vessel passages | 676 | 680 | 1,356 | 3,461 |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Registered net tonnage | 609,897 | 589,160 | $1,199,057$ | $1,255,581$ | 3,966 |  |
| Number of passengers |  | 5 | 5 | $3,015,453$ | $3,119,209$ |  |
| Number of pleasure craft |  |  | 110 | 69 | 18 | 94 |

Commodities (Cargo tons)

| Wheat | - | 419,176 | 419,176 | 322,877 | 1,056,284 | 785,628 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Corn | - | 10,705 | 10,705 | 21,169 | 35,487 | 42,291 |
| Oats | 1,448 | 28,444 | 29,892 | 16,076 | 75,074 | 46,136 |
| Barley | 1,373 | 186,997 | 188,370 | 59,688 | 549,580 | 219,432 |
| Rye | - | 2,949 | 2,949 | 1,120 | 21,333 | 4,059 |
| Flaxseed | - | 25,686 | 25,686 | 51,778 | 50,197 | 125,618 |
| Other grain | - | - | - | 1,683 | 17,511 | 8,946 |
| Flour | - | 2,977 | 2,977 | 1,391 | 6,076 | 4,451 |
| Mill products | - | 6,260 | 6,260 | 863 | 8,771 | 2,401 |
| Coal, anthracite | . | - | - | - | 3,100 | - |
| Coal, bituminous | 17,601 | 108,860 | 126,461 | 236,927 | 274,699 | 690,229 |
| Coke | - | 2,708 | 2,708 | 1,369 | 6,508 | 2,169 |
| Iron ore | 273,862 | - | 273,862 | 482,848 | 433,932 | 1,008,600 |
| Petroleum, crude | 57,630 | - | 57,630 | 11,865 | 108,005 | 13,755 |
| Sand, gravel and stone | - | - | - | 63,000 | 1,917 | 114,500 |
| Salt | - | 21,103 | 21, 103 | 13,304 | 32,514 | 24,857 |
| Pulpwood | 64,290 | 21,103 | 64,290 | 62,767 | 85,662 | 89,965 |
| Gasoline | - | 2,700 | 2,700 | 7,200 | 9,400 | 34,900 |
| Fuel ofl | 55,537 | 3,000 | 58,537 | 97,421 | 123,397 | 246,998 |
| Petroleum ofls \& other petroleum prod. | 22,125 | 6,410 | 28,535 | 12,560 | 56,885 | 47,259 |
| Iron and steel | 9,637 | 6,061 | 15,698 | 10,274 | 42,355 | 34,672 |
| Autos, trucks and parts | 1,335 | 180 | 1,515 | 575 | 5,089 | 1,608 |
| Wood pulp | 899 | - | 899 | 4,170 | 6,225 | 10,481 |
| Newsprint | 31,300 | - | 31,300 | 30,010 | 76,321 | 75,255 |
| Other manufactured products | 8,680 | 912 | 9,592 | 8,990 | 62,048 | <6,290 |
| All other freight | 152,684 | 110,945 | 263,629 | 294,734 | 590,779 | 651,210 |
| TOTAL FREIGHT | 698,401 | 946,073 | 1,644,474 | 1,814,659 | 3,739,149 | 4,311,710 |

## CANSO CANAL

| Number of vessel passages | 61 | 66 | 1.27 | 165 | 373 | 361 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Regiatered net tonnage | 32,218 | 35,656 | 67,874 | 52,878 | 181,503 | 118,993 |
| Number of passengers | - | - | - | 5 | 5 | 7 |
| Number of pleasure craft |  |  | - | - | - |  |

Number of pleasure craft

## Commodities (Cargo tons)

| Grain | - | - | - | - | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fruit and vegetablea | - | 446 | 446 | - | 2,519 | 645 |
| Fish |  | 1,181 | 1,181. | 928 | 2,889 | 1,508 |
| Cosl | 30 | 1,181 | . 30 | 25 | 30 | 25 |
| Coke | - | - | - | - | - | - |
| Ores | - | - | - | - | - | - |
| Pulpwood | - | 4,630 | 4,630 | 3,178 | 10,892 | 7,578 |
| Gesoline | 15,224 | 6,280 | 21,504 | 24,153 | 68,139 | 37,186 |
| Petroleum ofls and other pretroleum prod. | 23,877 | 1,097 | 24,974 | 4,405 | 81,457 | 22,127 |
| Iron and steel | - | - | - | 1,650 | - | 1,650 |
| Newsprint | - | - | - | 870 | - | 870 |
| All other freight | 6,689 | 7,210 | 13,899 | 14,050 | 37,666 | 30,068 |
| TOTAL | 45,820 | 20,844 | 66,664 | 49,259 | 203,592 | 101,657 |

