

Historical File Copy

SUPPLEMENT NO. 100

TO THE

Sir George F. Foster.

ANNUAL REPORT OF THE DEPARTMENT OF RAILWAYS AND CANALS

For the Year ended 30th June, 1889.

A N A L S T A T I S T I C S

FOR

SEASON OF NAVIGATION

1889.



OTTAWA:

PRINTED BY BROWN CHAMBERLIN, PRINTER TO THE QUEEN'S MOST
EXCELLENT MAJESTY.

1890.

Historic Site Cuba

CONTENTS.

| | PAGES. |
|----------------------------------|------------|
| Statistics of Canal Traffic..... | 52 to 103 |
| Tariff | 105 to 117 |

| NO. OF STATEMENT. | | PAGE. |
|----------------------|---|-------|
| 5 | Welland Canal, Details of Traffic arranged Alphabetically..... | 52 |
| 6 | do do Through Traffic arranged Alphabetically.... | 56 |
| 7 | do do Way do do | 60 |
| 8 | St. Lawrence Canals, Details of Traffic arranged Alphabetically..... | 63 |
| 9 | do do Through Traffic arranged Alphabetically | 67 |
| 10 | do do Way do do | 71 |
| 11 | Ottawa Canals do Traffic arranged Alphabetically..... | 74 |
| 12 | Chambly Canal do do do | 77 |
| 13 | Rideau Canal do do do | 80 |
| 14 | St. Peter's Canal do do do | 83 |
| 15 | Trent Valley Canals do do do | 84 |
| 16 | Statement of Traffic on the above mentioned Canals according to Classes..... | 86 |
| 18 | Statement of the amount of Tolls accrued each month on all the Canals. | 92 |
| 19 | Statement of Number, Tonnage and Nationality of Vessels passed through all the Canals..... | 94 |
| 19½ | Comparative Statement of Grand Total Freight passed through all the Canals..... | 98 |
| 23 | Statement of Number and Tonnage of Vessels passed through the Canals | 99 |
| 24 | Statement showing the Number and Classified Tonnage of all kinds of Vessels passed through the Canals..... | 103 |
| 25 | Tariff..... | 104 |

ERRATUM.

On page 5, "St. Lawrence Canals from Montreal" read "St. Lawrence Canals to Montreal."

SUPPLEMENT

TO THE

ANNUAL REPORT OF THE DEPARTMENT OF RAILWAYS & CANALS.

DEPARTMENT OF RAILWAYS AND CANALS,
CANALS REVENUE BRANCH,
OTTAWA, 19th May, 1890.

SIR,—I have the honour to submit herewith my report on the Canal Statistics for the season of 1889.

The statistics for the season of 1888 are printed with the Annual Report of the Department, and comparing them with those now submitted it will be seen that the aggregate revenue has increased for 1889 to the extent of \$59,675.38.

The several increases and decreases are as follows:—

| | Increase. | Decrease. |
|----------------------------|-------------|------------|
| On the Welland Canal..... | \$52,105 59 | |
| “ St. Lawrence Canals..... | 2,059 10 | |
| “ Chamblly Canal..... | | 1,566 10 |
| “ Rideau Canal..... | 520 41 | |
| “ Ottawa Canals..... | 5,606 12 | |
| “ St. Peter’s Canal..... | 715 10 | |
| “ Trent Valley Canals..... | 235 16 | |
| Total..... | \$61,241 48 | \$1,556 10 |
| Total increase..... | \$59,675 38 | |

These figures, however, are somewhat changed by refunds under Order in Council hereinafter referred to.

There was refunded on grain in 1888 tolls to the amount of \$30,580.02, and in 1889 \$48,725.80, which makes the actual increase of revenue for 1889 \$41,529.60.

In compliance with the renewed request of the forwarders and shippers of Montreal for a continuance of the reduction of tolls on grain, His Excellency the Governor-General, on the 18th March, 1889, authorized a reduction of tolls to two (2) cents per ton on grain passing down the Welland and St. Lawrence Canals to Montreal or ports east of that point for the season of 1889, and no longer.

The full amount of tolls on the Welland Canal was collected, and a refund of 18 cents per ton was made on proof of the delivery of the grain at Montreal.

The quantity of barley, corn, oats, pease, rye and wheat passed down the Welland Canal from United States ports to United States ports for a period of ten years upon which there was no reduction of tolls, is as follows:—

| | Tons. | | Tons. |
|---------------|---------|---------------|---------|
| For 1880..... | 47,029 | For 1885..... | 117,346 |
| 1881 | 64,351 | 1886..... | 151,551 |
| 1882..... | 63,881 | 1887..... | 134,868 |
| 1883..... | 121,876 | 1888..... | 169,664 |
| 1884..... | 104,537 | 1889..... | 213,766 |

The quantity of these articles passed down the Welland and St. Lawrence Canals from ports west of Port Colborne to Montreal for the same period is as follows:—

| | Tons. | | Tons. |
|---------------|---------|---------------|---------|
| For 1880..... | 333,806 | For 1885..... | 96,569 |
| 1881..... | 146,127 | 1886..... | 203,940 |
| 1882..... | 180,694 | 1887..... | 185,934 |
| 1883..... | 186,814 | 1888..... | 160,358 |
| * 1884..... | 142,194 | 1889..... | 267,769 |

* A refund of 10 cents per ton was allowed on grain passed down the Welland and St. Lawrence Canals to Montreal for 1884 and to June, 1885, and 18 cents per ton from 1st July, 1885, to December, 1889.

It will be seen by the above figures that the movement of grain through the canals in 1889 was the largest for any one year since 1880.

The quantity passed down the Welland Canal from United States ports to United States ports (Ogdensburg, Oswego, &c.) shows an increase of 44,102 tons as compared with the previous year, and an increase of 166,737 tons compared with 1880.

The quantity passed from Lake Erie down to Montreal shows an increase of 107,411 tons compared with the previous year, and a decrease of 66,037 tons compared with 1880.

The quantity of grain passed down the Welland Canal in Canadian and United States vessels to Kingston for four years is as follows:—

In Canadian vessels, there were in—

| | | Tons. |
|---|--|---------|
| 1886, 244 cargoes, with an aggregate quantity of..... | | 143,330 |
| 1887, 284 do do | | 178,233 |
| 1888, 182 do do | | 143,025 |
| 1889, 208 do do | | 165,117 |
| | | ==== |

In United States vessels, there were in—

| | | Tons. |
|--|--|---------|
| 1886, 97 cargoes, with an aggregate quantity of..... | | 62,222 |
| 1887, 19 do do | | 12,477 |
| 1888, 60 do do | | 43,667 |
| 1889, 114 do do | | 108,358 |
| | | ==== |

Four Canadian vessels took their cargoes of 1,544 tons of grain through to Montreal intact in 1887, against two in 1888 of 1,064 tons, and one in 1889 of 425 tons.

Sixty Canadian vessels lightened their cargoes at Kingston in 1887, against 39 in 1888 and 54 in 1889 : 244 vessels discharged the whole of their cargoes at Kingston in 1887, against 201 in 1888 and 267 in 1889.

9. The total quantity of freight passed eastward and westward through the Welland Canal, from United States ports to United States ports, for a period of nine years, is as follows:—

| | Eastward, Tons. | Westward, Tons. |
|----------------|--------------------|--------------------|
| 1881 | 96,266 | 97,907 |
| 1882 | 110,286 | 172,520 |
| 1883 | 174,912 | 257,699 |
| 1884 | 153,998 | 243,081 |
| 1885 | 18,212 | 216,297 |
| 1886 | 2,4,916 | 239,562 |
| 1887 | 189,427 | 151,074 |
| 1888 | 221,062 | 213,689 |
| 1889 | 297,353 | 266,231 |
| | ===== | ===== |

It will thus be seen that the quantity of freight from United States ports to United States ports, by the Welland route, is steadily increasing, having increased from 96,266 tons, eastward, in 1881, to 297,353 tons in 1889 ; and there is also a very marked increase in the quantity passed westward.

The total quantity of freight passed eastward and westward through the Welland and St. Lawrence Canals, from Lake Erie to Montreal, during the same period, is as follows:—

| | * Eastward, Tons. | † Westwards, Tons. |
|-----------|----------------------|-----------------------|
| 1881..... | 169,213 | 37,190 |
| 1882..... | 198,835 | 24,488 |
| 1883..... | 205,394 | 27,488 |
| 1884..... | 168,715 | 9,425 |
| 1885..... | 132,968 | 16,115 |
| 1886..... | 244,514 | 16,801 |
| 1887..... | 213,834 | 14,075 |
| 1888..... | 183,899 | 19,310 |
| 1889..... | 298,197 | 25,370 |
| | ===== | ===== |

The quantity of barley, corn, oats, pease, rye and wheat arriving at Montreal *via* Grand Trunk and Canadian Pacific Railways, for a period of 8 years, is reported as follows:—

| | Tons. | | Tons. |
|---------------|---------|---------------|---------|
| For 1882..... | 75,026 | For 1886..... | 165,613 |
| 1883..... | 98,672 | 1887..... | 191,760 |
| 1884..... | 142,231 | 1888..... | 13,3794 |
| 1885..... | 160,821 | 1889..... | 94,943 |
| | | | |

* Allowed to pass through the St. Lawrence Canals free, per Order in Council, 21st April, 1881, and a refund of 18 cents per ton of Welland Canal tolls on grain for 1885, 1886, 1887, 1888 and 1889.

+ Allowed to pass through the Welland Canal free, per Order in Council 21st April, 1881.

The quantity of the same articles passed down the whole length of the St. Lawrence Canals to Montreal, for the same period, being:—

| | Tons. | | Tons. |
|---------------|---------|---------------|---------|
| For 1882..... | 230,055 | For 1886..... | 272,133 |
| 1883..... | 263,368 | 1887..... | 237,881 |
| 1884..... | 174,496 | 1888..... | 166,191 |
| 1885..... | 134,824 | 1889..... | 275,414 |

The quantity of corn passed down the Welland and St. Lawrence Canals from Lake Erie to Montreal, for the seasons of:—

| | Tons. |
|------------------------------|----------------|
| 1888, was | 66,443 |
| 1889, was | 195,350 |
| Showing an increase of | <u>128,907</u> |

The quantity of corn carried on the New York canals is reported as follows:—

| | Tons. |
|------------------------------|---------------|
| For 1888 | 499,218 |
| 1889 | 592,550 |
| Showing an increase of | <u>93,332</u> |

The quantity of wheat passed down the Welland and St. Lawrence Canals from Lake Erie to Montreal was:—

| | Tons. |
|-----------------------------|---------------|
| For 1888 | 93,915 |
| 1889 | 70,815 |
| Showing a decrease of | <u>23,100</u> |

The quantity of wheat carried by the New York canals is reported as follows:—

| | Tons. |
|-----------------------------|--------------|
| For 1888 | 491,419 |
| 1889 | 484,141 |
| Showing a decrease of | <u>7,278</u> |

The total quantity of grain carried on the New York railways was reported as follows:—

| | Tons. |
|------------------------------|----------------|
| For 1888..... | 2,151,749 |
| 1889..... | 2,481,501 |
| Showing an increase of | <u>329,752</u> |

The total quantity of grain carried to tide-water by the New York canals is reported as follows:—

| | Tons. |
|------------------------------|----------------|
| For 1888..... | 1,114,574 |
| 1889..... | 1,242,804 |
| Showing an increase of | <u>128,230</u> |

The quantity of grain passed down the St. Lawrence Canals from Montreal is as follows:—

| | Tons. |
|------------------------------|----------------|
| For 1888 | 166,191 |
| 1889 | <u>275,414</u> |
| Showing an increase of | 109,223 |
| | ===== |

The total quantity of grain carried by the Canadian Pacific and Grand Trunk Railways to Montreal, the only Atlantic seaport for which we have been able to get the figures, is reported as follows:—

| | Tons. |
|-----------------------------|---------------|
| For 1888 | 113,794 |
| 1889 | <u>94,943</u> |
| Showing a decrease of | 18,851 |
| | ===== |

The increases and decreases for 1889, as compared with 1888, on the several routes competing for the carrying trade to the seaboard, is as follows:—

| | Increase. | Decrease. | Increase. | Decrease. |
|---|-----------|-----------|-----------|-----------|
| | Tons. | Tons. | Per cent. | Per cent. |
| On the St. Lawrence Canals..... | 109,223 | ..... | 65.75 | ..... |
| do Canadian Pacific and Grand Trunk Railways..... | ..... | 18,851 | ..... | 16.56 |
| do New York canals..... | 128,230 | ..... | 11.50 | ..... |
| do New York railways..... | 329,752 | ..... | 15.32 | ..... |

The quantity of grain transhipped at Port Colborne in 1889 and the three previous years is given below.

The total number of grain-laden vessels lightened at this Port in 1889 was 47, against 23 in the previous year.

The number unladen without entering the Canal was 3 against 3 in 1888.

The quantity of the grain lightered was as follows:—

| | 1886. | 1887. | 1888. | 1889. |
|--------------|----------|----------|----------|----------|
| | Centals. | Centals. | Centals. | Centals. |
| Wheat | 36,871 | 5,031 | 6,864 | 22,333 |
| Corn | 511,735 | 147,435 | 74,488 | 142,626 |
| Barley | Nil. | Nil. | Nil. | Nil. |
| Oats | do. | do. | do. | 2,894 |

The quantity discharged in this Port from vessels which did not enter the canal was follows:—

| | 1886. | 1887. | 1888. | 1889. |
|--------------|----------|----------|----------|----------|
| | Centals. | Centals. | Centals. | Centals. |
| Wheat | Nil. | Nil. | 43,555 | 5,165 |
| Corn | do. | do. | 13,202 | Nil. |
| Barley | do. | do. | Nil. | do. |
| Oats | do. | do. | do. | do. |

Forty-one United States vessels passed down the Welland Canal during 1889, with an average cargo of 47,724 bushels of grain. See Appendix J.

The quantity of oats passed down the Welland Canal, from United States ports to United States ports (Oswego, Ogdensburg) for a series of years, is as follows:—

| | Bushels. | Tons. |
|---------------|------------|--------|
| For 1884..... | 574,643 or | 9,769 |
| 1885..... | 51,882 | 882 |
| 1886..... | 281,761 | 4,790 |
| 1887..... | 708,823 | 12,050 |
| 1888. | 1,559,411 | 2,660 |
| 1889 | 1,617,176 | 27,492 |

The total quantity arrived at Montreal by canal for the same period is as follows:—

| | Bushels. | Tons. |
|---------------|------------|--------|
| For 1884..... | 297,326 or | 5,054 |
| 1885..... | 678,866 | 11,540 |
| 1886..... | 650,910 | 11,365 |
| 1887..... | 341,568 | 5,806 |
| 1888 | 123,213 | 2,094 |
| 1889..... | 119,958 | 2,039 |

It will thus be seen that while the quantity to the United States ports increased from 574,643 bushels in 1884 to 1,617,176 bushels in 1889, or an increase of 1,042,533 bushels, the quantity to Montreal by canal decreased from 297,326 bushels to 119,958 bushels in 1889, or a decrease of 177,368 bushels.

By reference to Appendix R it will be seen that the total quantity of oats arrived at Montreal by canal and rail for 1889 was 932,708 bushels, and the shipments were only 88,910 bushels.

There was a large increase in the quantity of coal passed through the Welland Canal for the season of 1889.

For comparative statements for five years, see Appendix S.

The quantity for 1889 is as follows:—

| | WESTWARD. | Tons. | Tolls. |
|------------------------------|----------------|--------------------|--------------|
| To United States ports | 226,353 | \$45,270 40 | |
| Canadian do | 12,036 | 2,407 20 | |
| Total | <u>238,388</u> | <u>\$47,677 60</u> | |
| | <u>=====</u> | <u>=====</u> | <u>=====</u> |

Carried as follows:—

| | | |
|--------------------------------|----------------|--------------------|
| In United States vessels | 227,125 | \$45,425 00 |
| Canadian do | 11,263 | 2,252 60 |
| Total | <u>238,388</u> | <u>\$47,677 60</u> |
| | <u>=====</u> | <u>=====</u> |

| | EASTWARD. | Tons. | Tolls. |
|-----------------------------|---------------|--------------------|--------------|
| To United States ports..... | 1,124 | \$ 224 80 | |
| Canadian do | 25,931 | 5,186 20 | |
| Total..... | <u>27,055</u> | <u>\$ 5,411 00</u> | |
| | <u>=====</u> | <u>=====</u> | <u>=====</u> |

Carried as follows:—

| | | |
|-------------------------------|---------------|--------------------|
| In United States vessels..... | 2,376 | \$ 475 20 |
| Canadian do | 24,679 | 4,935 80 |
| Total..... | <u>27,055</u> | <u>\$ 5,411 00</u> |
| | <u>=====</u> | <u>=====</u> |

The total quantity of coal passed through the Welland Canal for 1889 is as follows:—

| | EASTWARD AND WESTWARD. | Tons. | Tolls. |
|-----------------------------|------------------------|--------------------|--------------|
| To United States ports..... | 227,476 | \$45,495 20 | |
| Canadian do | 37,969 | 7,593 40 | |
| Total..... | <u>265,443</u> | <u>\$53,088 60</u> | |
| | <u>=====</u> | <u>=====</u> | <u>=====</u> |

Carried as follows:—

| | | |
|-------------------------------|----------------|--------------------|
| In United States vessels | 229,501 | \$45,900 20 |
| Canadian do | 35,942 | 7,188 40 |
| Total | <u>265,443</u> | <u>\$53,088 60</u> |
| | <u>=====</u> | <u>=====</u> |

By reference to Appendix U it will be seen that the quantity of freight from ports west of Port Colborne to United States ports on the south of Lake Ontario has increased from 175,455 tons in 1883 to 297,353 tons in 1889, and the quantity to Ontario ports between Port Dalhousie and Cornwall has decreased from 184,592

tons in 1883 to 146,167 in 1889, and the quantity passed down from Montreal has increased from 205,394 tons in 1883 to 292,827 in 1889.

The statistical comparisons heretofore given in respect of the quantities of the principle articles carried through the Welland Canal, and those carried over routes in the United States, in competition with that work, have been continued to date.

On reference to the returns made by the railways to the State authorities of New York, and to the canal statistics submitted to the State Legislature, I find that of the total tonnage of freight carried by the canals and railways the State canals carried—

| | Per cent. | | Per cent. |
|--------------|-----------|--------------|-----------|
| In 1859..... | 68·9 | In 1879..... | 23·7 |
| 1869..... | 47·0 | 1880..... | 25·1 |
| 1870..... | 38·9 | 1881..... | 18·5 |
| 1871..... | 38·9 | 1882..... | 19·0 |
| 1872..... | 40·1 | 1883..... | 18·7 |
| 1873..... | 34·9 | 1884..... | 19·0 |
| 1874..... | 31·7 | 1885..... | 17·1 |
| 1875..... | 28·4 | 1886..... | 16·9 |
| 1876..... | 24·6 | 1887..... | 16·3 |
| 1877..... | 28·3 | 1888..... | 18·8 |
| 1878..... | 27·1 | 1889..... | 11·1 |

The quantity of freight carried by the canals and railways was greater in 1889 by 3,951,063 tons than the quantity carried in 1888, and an increase of 17,742,499 tons over 1869.

The proportion carried by canals was less than any previous year.

The quantities carried were as follows:—

| | Total Tonnage. | Proportion by Canals. |
|--------------|----------------|-----------------------------|
| In 1859..... | 5,485,076 | ·6890 |
| 1869..... | 12,453,174 | ·4705 |
| 1870..... | 15,148,274 | ·3895 |
| 1871..... | 15,844,152 | ·3896 |
| 1872..... | 16,631,609 | ·4012 |
| 1873..... | 18,200,208 | ·3497 |
| 1874..... | 18,283,547 | ·3174 |
| 1875..... | 17,101,758 | ·2841 |
| 1876..... | 16,948,627 | ·2462 |
| 1877..... | 17,489,770 | ·2833 |
| 1878..... | 19,017,301 | ·2719 |
| 1879..... | 22,590,766 | ·2373 |
| 1880..... | 25,706,586 | ·2512 |
| 1881..... | 27,857,394 | ·1859 |
| 1882..... | 28,693,054 | ·1905 |
| 1883..... | 30,167,119 | ·1877 |

| | Total Tonnage. | Proportion by Canals. |
|-----------|----------------|-----------------------------|
| 1884..... | 26,293,844 | ·1905 |
| 1885..... | 27,543,948 | ·1718 |
| 1886..... | 31,168,744 | ·1698 |
| 1887..... | 34,029,791 | ·1632 |
| 1888..... | 26,244,610 | ·1883 |
| 1889..... | 30,195,673 | ·1116 |

By reference to Statement H as to the quantity of vegetable food carried to tide-water, it will be observed that the quantity carried by the New York canals was 1,296,896 in 1889, as against 1,166,958 tons in 1888 and 2,371,090 in 1880.

The quantities of vegetable food carried by the New York Central, Erie and New York, West Shore and Buffalo Railways being:—

| | | | |
|--------------|-------------|--------------|-----------|
| In 1889..... | { 3,654,984 | In 1884..... | 3,639,805 |
| 1888.....* | { 3,197,634 | 1883..... | 4,422,461 |
| 1887..... | { 3,847,766 | 1882..... | 3,888,557 |
| 1886..... | { 3,802,262 | 1880..... | 4,732,385 |
| 1885..... | { 4,105,594 | 1869..... | 1,087,809 |

The following figures are an abstract of the quantities of vegetable food carried to tide-water by the canals and railways of the State of New York, during twenty-one years:—

| | Canals. | Railways. | Total. | Proportion by Canals. |
|-----------|-----------|-----------|-----------|-----------------------------|
| 1869..... | 1,302,613 | 1,087,809 | 2,390,422 | ·545 |
| 1870..... | 1,295,010 | 1,766,457 | 3,061,467 | ·423 |
| 1871..... | 1,850,198 | 2,205,589 | 4,055,787 | ·456 |
| 1872..... | 1,674,320 | 1,879,614 | 3,544,934 | ·472 |
| 1873..... | 1,745,171 | 2,036,992 | 3,782,163 | ·461 |
| 1874..... | 1,767,598 | 2,791,517 | 4,559,115 | ·387 |
| 1875..... | 1,305,550 | 2,343,241 | 3,648,791 | ·357 |
| 1876..... | 1,064,293 | 2,875,803 | 3,940,096 | ·270 |
| 1877..... | 1,498,984 | 2,483,683 | 3,992,667 | ·375 |
| 1878..... | 1,912,734 | 3,035,764 | 5,608,498 | ·341 |
| 1879..... | 1,833,399 | 4,353,617 | 6,187,016 | ·296 |
| 1880..... | 2,371,090 | 4,732,385 | 7,103,475 | ·333 |
| 1881..... | 1,116,561 | 4,983,722 | 6,100,283 | ·183 |
| 1882..... | 1,118,776 | 3,885,557 | 5,004,333 | ·223 |
| 1883..... | 1,379,000 | 4,422,461 | 5,801,461 | ·237 |
| 1884..... | 1,236,386 | 3,630,805 | 4,876,791 | ·253 |
| 1885..... | 1,063,310 | 4,105,594 | 5,168,904 | ·205 |
| 1886..... | 1,489,886 | 3,862,262 | 5,292,148 | ·281 |
| 1887..... | 1,539,403 | 3,847,766 | 5,387,169 | ·285 |
| 1888..... | 1,166,958 | 3,197,734 | 4,364,692 | ·267 |
| 1889..... | 1,296,896 | 3,654,984 | 4,951,880 | ·262 |

* Flour and grain only.

The Canadian Pacific and Canada Atlantic Railways have become formidable competitors to the Ottawa Canals for the carrying of lumber from the Ottawa district.

The quantity carried from Ottawa and Hull by these two railways for 1888 and 1889 is reported as follows:—

| | 1888. | 1889. |
|----------------------------|-------------|-------------|
| Sawn Lumber, feet B.M..... | 119,304,517 | 125,937,719 |
| Shingles | 50,000 | ..... |

Quantity carried by the Ottawa Canals for the same period is as follows:—

| | | |
|-----------------------------|-------------|-------------|
| Sawn Lumber, feet B. M..... | 319,923,600 | 368,910,600 |
| Shingles | 5,028,000 | 5,184,000 |

I have the honor to be, Sir,

Your obedient servant,

B. H. TEAKLES,

Chief Clerk Canals Revenue.

A. P. BRADLEY, Esq.,
Secretary Department Railways and Canals,
Ottawa.

T A B L E S
SHOWING THE
TONNAGE ON THE CANALS.

C.—TABLE showing the Tonnage of the undermentioned Articles, moved

| Years. | VEGETABLE FOOD. | | | | | | |
|-----------|-----------------|---------|-----------|---------|---------|--------|-----------------------|
| | Flour. | Wheat. | Corn. | Barley. | Oats. | Rye. | Other Vegetable Food. |
| | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. |
| 1869..... | 71,051 | 670,534 | 256,475 | 99,012 | 92,309 | 13,489 | 99,743 |
| 1870..... | 54,978 | 658,524 | 193,129 | 123,191 | 117,941 | 19,520 | 127,727 |
| 1871..... | 41,211 | 748,549 | 672,057 | 113,992 | 129,891 | 34,563 | 109,935 |
| 1872..... | 20,534 | 403,903 | 902,753 | 120,061 | 92,959 | 13,357 | 120,753 |
| 1873..... | 19,307 | 803,064 | 637,296 | 70,586 | 70,023 | 30,160 | 114,735 |
| 1874..... | 29,134 | 772,163 | 519,203 | 98,654 | 59,408 | 8,215 | 280,821 |
| 1875..... | 17,635 | 744,293 | 282,031 | 104,475 | 62,717 | 8,309 | 86,090 |
| 1876..... | 9,290 | 416,376 | 365,254 | 96,494 | 52,147 | 19,949 | 104,783 |
| 1877..... | 8,923 | 448,043 | 723,458 | 139,453 | 66,045 | 35,948 | 77,114 |
| 1878..... | 5,904 | 844,555 | 734,993 | 89,534 | 85,029 | 64,613 | 88,106 |
| 1879..... | 7,164 | 949,466 | 621,180 | 96,144 | 23,164 | 59,210 | 77,071 |
| 1880..... | 8,266 | 966,052 | 1,156,619 | 106,247 | 20,893 | 26,340 | 86,673 |
| 1881..... | 6,926 | 444,832 | 475,823 | 81,587 | 30,321 | 15,484 | 61,588 |
| 1882..... | 9,372 | 642,215 | 251,687 | 96,650 | 22,180 | 43,372 | 53,300 |
| 1883..... | 9,047 | 573,740 | 522,978 | 58,787 | 51,607 | 95,246 | 67,595 |
| 1884..... | 7,251 | 790,409 | 198,216 | 65,008 | 52,696 | 71,462 | 51,944 |
| 1885..... | 6,860 | 565,922 | 359,982 | 64,587 | 8,234 | 10,211 | 47,505 |
| 1886..... | 9,005 | 993,129 | 354,765 | 62,854 | 7,278 | 3,073 | 59,782 |
| 1887..... | 4,089 | 936,840 | 446,617 | 75,458 | 35,365 | 6,717 | 47,678 |
| 1888..... | 3,287 | 491,419 | 499,218 | 41,100 | 70,315 | 12,532 | 49,087 |
| 1889..... | 4,429 | 484,141 | 592,550 | 66,110 | 63,674 | 36,329 | 49,663 |

on all Canals in the State of New York, during a series of twenty-one Years.

HEAVY GOODS.

| Total. | Railway Iron. | Other Iron. | Salt. | Coal. | Ores. | Total. |
|-----------|---------------|-------------|---------|-----------|---------|-----------|
| Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. |
| 1,302,613 | 137,677 | 79,652 | 263,333 | 1,324,408 | 183,992 | 1,989,062 |
| 1,295,010 | 135,930 | 89,708 | 266,740 | 1,558,185 | 238,802 | 2,289,355 |
| 1,850,198 | 178,269 | 100,310 | 248,709 | 1,194,037 | 289,952 | 2,011,277 |
| 1,674,320 | 161,667 | 96,996 | 248,558 | 1,462,590 | 377,592 | 2,347,403 |
| 1,745,171 | 53,363 | 62,581 | 216,706 | 1,625,859 | 415,968 | 2,374,477 |
| 1,767,598 | 24,511 | 82,955 | 173,590 | 1,413,162 | 232,544 | 1,926,762 |
| 1,305,550 | 36,603 | 95,305 | 186,785 | 1,217,091 | 283,219 | 1,819,003 |
| 1,064,293 | 11,691 | 69,450 | 114,070 | 1,036,698 | 173,530 | 1,405,439 |
| 1,498,984 | 10,341 | 58,828 | 156,918 | 1,286,881 | 250,573 | 1,763,541 |
| 1,912,734 | 8,385 | 65,642 | 139,927 | 889,873 | 210,078 | 1,313,905 |
| 1,833,399 | 27,634 | 99,568 | 136,021 | 971,074 | 314,411 | 1,548,708 |
| 2,371,090 | 94,613 | 130,993 | 144,487 | 959,342 | 370,884 | 1,709,319 |
| 1,116,561 | 78,650 | 205,005 | 113,756 | 1,092,003 | 337,873 | 1,827,287 |
| 1,118,776 | 58,921 | 122,786 | 108,040 | 1,228,435 | 364,361 | 1,882,543 |
| 1,379,000 | 46,553 | 47,412 | 190,392 | 1,152,849 | 293,892 | 1,731,098 |
| 1,236,986 | 28,513 | 54,471 | 161,788 | 954,288 | 201,610 | 1,400,670 |
| 1,063,310 | 12,215 | 38,726 | 161,272 | 1,025,941 | 195,750 | 1,433,904 |
| 1,489,886 | 10,878 | 152,030 | 112,002 | 857,884 | 269,914 | 1,402,708 |
| 1,552,764 | 21,368 | 224,979 | 124,054 | 905,424 | 243,578 | 1,539,403 |
| 1,166,958 | 2,596 | 43,881 | 106,344 | 1,219,680 | 259,269 | 1,631,779 |
| 1,296,896 | 3,278 | 78,135 | 112,100 | 1,094,897 | 234,948 | 1,523,358 |

D.—TABLE showing the Tonnage of the undermentioned Articles, moved December,

VEGETABLE FOOD.

| YEAR. | Flour. | Wheat. | Corn. | Barley. | Oats. | Rye. | Other Articles. |
|-----------------|--------|---------|---------|---------|--------|-------|--------------------|
| | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. |
| 1869* | 45,674 | 313,825 | 120,560 | 20,951 | ..... | 904 | 1,937 |
| 1872. | 26,651 | 239,998 | 254,902 | 6,035 | 7,752 | 64 | 2,745 |
| 1873. | 30,665 | 355,847 | 180,169 | 8,225 | 1,194 | 3 | 3,777 |
| 1874. | 24,019 | 413,212 | 181,151 | 18,871 | 5,954 | 513 | 8,677 |
| 1875. | 13,964 | 253,835 | 103,749 | 35,751 | 3,383 | 917 | 6,337 |
| 1876. | 15,778 | 201,906 | 144,501 | 18,455 | 24,496 | 1,454 | 3,198 |
| 1877. | 13,558 | 253,953 | 169,196 | 19,870 | 2,810 | 2,439 | 2,355 |
| 1878. | 9,121 | 191,982 | 185,931 | 10,979 | 3,088 | ..... | 2,302 |
| 1879. | 10,710 | 274,570 | 144,506 | 4,655 | 1,239 | 440 | 2,444 |
| 1880. | 12,679 | 245,020 | 163,738 | 17,772 | 477 | 1,016 | 1,480 |
| 1881. | 9,959 | 127,832 | 101,075 | 24,599 | ..... | 1,844 | 2,086 |
| 1882. | 12,261 | 215,056 | 54,799 | 20,126 | 611 | 3,226 | 403 |
| 1883. | 13,471 | 152,794 | 182,269 | 10,436 | 731 | 1,642 | 10,983 |
| 1884. | 13,683 | 144,851 | 118,811 | 7,155 | 10,746 | 1,320 | 9,168 |
| 1885. | 13,334 | 124,206 | 117,536 | 15,801 | 1,116 | ..... | 1,912 |
| 1886. | 19,474 | 154,169 | 219,442 | 1,595 | 4,911 | 564 | 14,657 |
| 1887. | 23,949 | 221,927 | 114,938 | 9,574 | 12,050 | ..... | 12,533 |
| 1888. | 16,983 | 160,963 | 194,886 | 5,906 | 26,629 | 811 | 13,608 |
| 1889. | 7,931 | 126,664 | 353,595 | 4,272 | 28,356 | 2,673 | 18,552 |

* Fiscal.

through the Welland Canal, during a series of Nineteen Years ended 31st 1889.

HEAVY GOODS.

| Total. | Railway Iron. | Other Iron. | Salt. | Iron and Salt having paid full Tolls on St. Lawrence Canals. | Coal. | Ores. | Total. |
|---------|---------------|-------------|--------|--|---------|---------|---------|
| Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. |
| 503,866 | 68,064 | 16,924 | 91,575 | 37,153 | 163,126 | 58,781 | 275,623 |
| 538,147 | 26,217 | 17,141 | 50,540 | 44,243 | 186,932 | 98,605 | 423,678 |
| 579,880 | 6,923 | 20,754 | 40,850 | 17,157 | 339,016 | 118,685 | 543,387 |
| 647,397 | 6,032 | 12,068 | 23,309 | 9,579 | 323,503 | 56,825 | 431,316 |
| 417,936 | 1,517 | 7,588 | 13,509 | 9,062 | 321,306 | 43,683 | 397,505 |
| 409,788 | — | 7,997 | 30,300 | 20,327 | 288,211 | 31,654 | 378,540 |
| 464,181 | 9,630 | 9,696 | 9,173 | 3,983 | 293,869 | 42,758 | 399,109 |
| 403,403 | — | 11,518 | 3,980 | 12,686 | 295,318 | 15,229 | 338,741 |
| 438,564 | 2,782 | 5,797 | 7,174 | 17,796 | 192,957 | 19,164 | 245,670 |
| 442,182 | 5,360 | 4,812 | 413 | 22,273 | 109,986 | 34,139 | 176,983 |
| 269,395 | 4,585 | 7,013 | 10 | 30,682 | 128,113 | 18,785 | 189,188 |
| 306,482 | — | 5,348 | 50 | 17,327 | 237,559 | 23,700 | 283,984 |
| 373,326 | 1,237 | 7,922 | 66 | 17,037 | 307,058 | 31,785 | 365,105 |
| 305,734 | 698 | 652 | 461 | 3,242 | 274,471 | 53,205 | 332,720 |
| 273,995 | 78 | 2,055 | 597 | 14,243 | 248,272 | 26,728 | 291,973 |
| 414,812 | 166 | 6,123 | 48 | 12,324 | 271,356 | 27,447 | 317,464 |
| 394,971 | 1,351 | 5,636 | — | 6,715 | 145,193 | 13,866 | 172,761 |
| 419,786 | 93 | 3,220 | 316 | 13,617 | 223,871 | 16,872 | 257,989 |
| 542,043 | 47 | 2,479 | 1,254 | 20,269 | 268,305 | 2,435 | 294,789 |

E—TABLE showing the Tonnage of the undermentioned Articles cleared at Buffalo and Tonawanda, for transit through the Erie Canal, for a series of twenty-one years.

VEGETABLE FOOD.

| Year. | Flour. | Wheat. | Corn. | Barley. | Oats. | Rye. | Other Articles | Total. | Increase. | Decrease. |
|----------------|---------|---------|---------|---------|---------|--------|-------------------|-----------|-----------|-----------|
| | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | | |
| 1869 | 5,609 | 490,904 | 219,874 | 1,978 | 63,728 | 2,150 | 2,193 | 786,436 | ..... | ..... |
| 1870. | 8,238 | 502,158 | 165,577 | 19,944 | 89,156 | 10,593 | 6,906 | 802,592 | 2'05 | ..... |
| 1871. | 5,607 | 570,849 | 579,709 | 19,810 | 106,391 | 27,622 | 5,705 | 1,315,693 | 67'59 | ..... |
| 1872. | 330,032 | 866,169 | 41,515 | 73,572 | 5,900 | 88 | 1,317,276 | 67'50 | ..... | ..... |
| 1873. | 6 | 737,167 | 611,675 | 8,636 | 51,615 | 22,441 | 634 | 1,432,174 | 82'10 | ..... |
| 1874. | 650,161 | 459,728 | 3,192 | 44,079 | 112 | 237 | 1,157,509 | 47'18 | ..... | ..... |
| 1875. | 5,859 | 635,315 | 273,006 | 1,156 | 36,609 | 2,242 | 3,372 | 1,017,559 | 29'38 | ..... |
| 1876. | 231 | 377,317 | 356,064 | 6,334 | 26,488 | 12,205 | 4,691 | 783,331 | ..... | 0'39 |
| 1877. | 1,710 | 398,416 | 709,723 | 26,351 | 52,559 | 27,365 | 4,976 | 1,223,100 | 55'52 | ..... |
| 1878. | 987 | 775,953 | 718,714 | 21,665 | 69,256 | 51,064 | 6,602 | 1,644,301 | 109'08 | ..... |
| 1879. | 1,239 | 892,404 | 602,171 | 7,193 | 14,537 | 40,471 | 7,528 | 1,565,543 | 99'07 | ..... |
| 1880. | 2,743 | 897,603 | 131,857 | 434 | 16,154 | 12,137 | 4,256 | 2,065,184 | 162'06 | ..... |
| 1881. | 1,491 | 386,605 | 458,318 | 86 | 24,751 | 107 | 7,484 | 878,842 | 11'75 | ..... |
| 1882. | 1,123 | 586,019 | 241,406 | 1,858 | 9,046 | 19,158 | 6,216 | 864,826 | 9'96 | ..... |
| 1883. | 538 | 535,150 | 517,219 | 6,816 | 47,190 | 79,010 | 6,051 | 1,191,974 | 51'06 | ..... |
| 1884. | 520 | 767,784 | 194,368 | 4,910 | 47,060 | 57,856 | 4,411 | 1,078,909 | 37'18 | ..... |
| 1885. | 323 | 540,533 | 356,737 | 3,317 | 5,610 | 6,405 | 5,427 | 918,352 | 14'36 | ..... |
| 1886. | 488 | 955,851 | 351,272 | 6,799 | 5,180 | ..... | 4,001 | 1,358,591 | 72'11 | ..... |
| 1887. | 334 | 914,152 | 438,069 | 15,207 | 32,907 | 4,612 | 44,693 | 1,449,984 | 85'64 | ..... |
| 1888. | 534 | 469,965 | 494,110 | 6,589 | 68,922 | 10,997 | 1,717 | 1,052,834 | 33'87 | ..... |
| 1889. | 845 | 457,922 | 579,526 | 16,380 | 61,175 | 34,167 | 5,160 | 1,155,175 | 46'88 | ..... |

SUPPLEMENT to Table E showing the Shipments at Oswego during the same period.

VEGETABLE FOOD.

| Year. | Flour. | Wheat. | Corn. | Barley. | Oats. | Rye. | Other Articles | Total. | Increase. | Decrease. |
|-----------|--------|---------|--------|---------|-------|--------|----------------|---------|-----------|-----------|
| | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | | |
| 1869..... | 7,361 | 141,360 | 28,585 | 66,794 | 1,113 | 8,569 | 14,033 | 267,815 | ..... | ..... |
| 1870..... | 11,440 | 115,732 | 10,120 | 77,906 | 3,953 | 7,402 | 11,628 | 238,181 | ..... | 11.06 |
| 1871..... | 10,043 | 123,173 | 70,218 | 72,675 | 1,806 | 6,250 | 13,259 | 297,424 | 11.05 | ..... |
| 1872..... | 4,773 | 57,805 | 27,148 | 62,172 | 684 | 6,751 | 10,425 | 169,818 | ..... | 36.59 |
| 1873..... | 4,061 | 53,361 | 10,578 | 46,337 | 670 | 6,019 | 10,739 | 131,765 | ..... | 50.80 |
| 1874..... | | 108,288 | 40,127 | 77,007 | 1,103 | 7,053 | 3,747 | 243,325 | ..... | 9.14 |
| 1875..... | 1,728 | 32,600 | 3,034 | 75,083 | 3,308 | 4,989 | 5,931 | 126,763 | ..... | 52.67 |
| 1876..... | 967 | 21,890 | 1,324 | 63,336 | 117 | 5,703 | 6,638 | 99,975 | ..... | 62.67 |
| 1877..... | 855 | 28,955 | 3,308 | 80,306 | 316 | 6,603 | 6,556 | 126,899 | ..... | 52.61 |
| 1878..... | 1,394 | 24,171 | 1,383 | 50,381 | ..... | 10,598 | 5,222 | 93,149 | ..... | 65.21 |
| 1879..... | 734 | 25,740 | 9,268 | 71,093 | ..... | 16,623 | 3,110 | 127,168 | ..... | 52.51 |
| 1880..... | 951 | 17,466 | 15,656 | 82,743 | ..... | 12,598 | 5,996 | 135,410 | ..... | 49.43 |
| 1881..... | 758 | 25,352 | 8,064 | 62,793 | 200 | 14,444 | 4,027 | 115,638 | ..... | 56.82 |
| 1882..... | 813 | 20,274 | 4,401 | 70,862 | 416 | 22,265 | 7,773 | 126,804 | ..... | 52.65 |
| 1883..... | 432 | 22,634 | 535 | 32,557 | ..... | 14,384 | 1,967 | 72,507 | ..... | 73.00 |
| 1884..... | 404 | 5,932 | 413 | 48,391 | ..... | 12,173 | 2,819 | 70,132 | ..... | 73.43 |
| 1885..... | 519 | 6,484 | 22 | 45,264 | ..... | 4,613 | 2,945 | 59,847 | ..... | 77.62 |
| 1886..... | 737 | 9,579 | 154 | 42,261 | ..... | 1,671 | 4,814 | 59,216 | ..... | 77.88 |
| 1887..... | 790 | 675 | 2 | 44,580 | ..... | 716 | 1,370 | 48,133 | ..... | 82.02 |
| 1888..... | 384 | 2,206 | 168 | 6,237 | ..... | ..... | 2,196 | 11,191 | ..... | 95.82 |
| 1889..... | 473 | 8,002 | 8,950 | 40,096 | 16 | 1,405 | 1,003 | 59,945 | ..... | 77.61 |

F.—TABLE showing the Tonnage of the undermentioned Articles cleared downward on the Welland Canal, during a series of nineteen years, ended 31st December, 1889.

VEGETABLE FOOD.

| Year. | Flour. | Wheat. | Corn. | Barley. | Oats. | Rye. | Other Articles. | Total. |
|------------|--------|---------|---------|---------|--------|-------|-----------------|---------|
| | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. |
| 1869*..... | 44,110 | 310,090 | 119,541 | 3,920 | ..... | 680 | 1,541 | 479,882 |
| 1872..... | 26,648 | 231,656 | 254,534 | 2,693 | 7,594 | 64 | 2,300 | 524,889 |
| 1873..... | 30,660 | 345,720 | 180,042 | 2,643 | 1,188 | 3 | 3,557 | 563,813 |
| 1874..... | 24,017 | 406,157 | 181,128 | 377 | 5,953 | ..... | 3,301 | 620,933 |
| 1875..... | 13,930 | 248,555 | 103,477 | 813 | 3,383 | 500 | 4,304 | 374,962 |
| 1876..... | 15,735 | 194,559 | 144,501 | 1,110 | 24,496 | 1,454 | 2,949 | 384,807 |
| 1877..... | 13,588 | 248,894 | 169,185 | 10,216 | 2,810 | 2,405 | 1,833 | 448,931 |
| 1878..... | 8,854 | 188,106 | 185,931 | 1,217 | 3,088 | ..... | 2,100 | 389,296 |
| 1879..... | 10,588 | 271,545 | 144,276 | 803 | 1,196 | ..... | 2,387 | 430,795 |
| 1880..... | 12,467 | 240,601 | 162,891 | ..... | 477 | ..... | 1,418 | 417,833 |
| 1881..... | 9,655 | 121,393 | 103,075 | 252 | ..... | 6 | 1,371 | 235,752 |
| 1882..... | 12,205 | 205,876 | 54,797 | 537 | ..... | 1,954 | 225 | 275,594 |
| 1883..... | 13,256 | 146,741 | 182,143 | 975 | 731 | 518 | 10,971 | 355,335 |
| 1884..... | 13,626 | 135,804 | 118,811 | 270 | 10,746 | 477 | 9,018 | 288,752 |
| 1885..... | 13,322 | 114,090 | 117,536 | 618 | 1,116 | ..... | 1,628 | 248,310 |
| 1886..... | 19,418 | 146,151 | 218,897 | ..... | 4,891 | ..... | 14,571 | 403,928 |
| 1887..... | 23,940 | 210,755 | 114,938 | 1,711 | 12,050 | ..... | 12,149 | 375,543 |
| 1888..... | 16,973 | 150,833 | 194,886 | 555 | 26,629 | 811 | 13,358 | 404,045 |
| 1889..... | 7,922 | 120,498 | 353,595 | 197 | 28,356 | 1,918 | 18,273 | 530,759 |

* Fiscal.

G.—TABLE showing the Tonnage of the undermentioned Articles passed through the Welland Canal in transit between Ports in the United States during a series of Nineteen years, ended 31st December, 1889.

| 19 12 | Year. | VEGETABLE FOOD. | | | | | | | HEAVY GOODS | | | | | |
|----------|----------|-----------------|---------|--------|---------|---------|---------|-----------------|-------------|---------------|-------------|---------|---------|---------|
| | | Flour. | Wheat. | Corn. | Barley. | Oats. | Rye. | Other Articles. | Total. | Railway Iron. | Other Iron. | Salt. | Coal. | Ores. | Total. |
| | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. |
| 1869* | 30,681 | 211,085 | 91,149 | 2,942 | 667 | 1,006 | 337,530 | 68,064 | 14,334 | 89,086 | 28,566 | 35,912 | 235,962 | |
| 1872 | 10,482 | 124,695 | 89,761 | 1,391 | 7,400 | 608 | 234,337 | 24,040 | 13,239 | 49,843 | 95,741 | 59,401 | 242,264 | |
| 1873 | 10,805 | 127,727 | 101,329 | 1,920 | 1,188 | 3 | 392 | 243,366 | 4,659 | 13,826 | 40,507 | 170,242 | 62,942 | 292,176 |
| 1874 | 8,230 | 229,053 | 125,627 | 5,948 | 5,368 | 374,226 | 5,742 | 8,941 | 22,888 | 203,673 | 19,651 | 260,895 | | |
| 1875 | 1,881 | 113,832 | 54,188 | 2,641 | 2,946 | 500 | 1,920 | 177,908 | 14 | 4,123 | 12,931 | 192,767 | 34,616 | 244,451 |
| 1876 | 5,187 | 96,247 | 58,138 | 1,905 | 525 | 403 | 162,405 | 5,531 | 29,395 | 167,110 | 25,808 | 227,844 | | |
| 1877 | 3,342 | 107,396 | 65,260 | 1,603 | 2,314 | 258 | 413 | 180,586 | 8,976 | 8,688 | 8,336 | 172,868 | 41,107 | 239,975 |
| 1878 | 1,316 | 65,542 | 60,026 | 859 | 277 | 341 | 128,361 | 10,713 | 3,892 | 150,583 | 13,535 | 178,723 | | |
| 1879 | 159 | 53,791 | 33,401 | 464 | 11 | 87,826 | 2,405 | 3,648 | 6,318 | 118,573 | 17,797 | 148,741 | | |
| 1880 | | 30,611 | 16,122 | 1,551 | 296 | 48,580 | 4,743 | 3,515 | 371 | 65,945 | 18,380 | 92,954 | | |
| 1881 | | 34,320 | 30,031 | 924 | 10 | 65,285 | 1,313 | 5,570 | 83,858 | 6,464 | 97,205 | | | |
| 1882 | 107 | 30,227 | 32,433 | 537 | 684 | 14 | 64,002 | 4,076 | 158,552 | 14,533 | 177,161 | | | |
| 1883 | 2,041 | 54,382 | 66,128 | 735 | 731 | 8,579 | 132,496 | 1,209 | 6,901 | 8 | 196,462 | 24,891 | 229,471 | |
| 1884 | 1,715 | 40,956 | 53,707 | 9,874 | 8,170 | 114,422 | 698 | 599 | 210,790 | 15,100 | 227,187 | | | |
| 1885 | 124 | 53,235 | 63,229 | 732 | 882 | 1 | 118,203 | 1,594 | 198,416 | 15,029 | 215,039 | | | |
| 1886 | 7,591 | 53,258 | 94,048 | 4,730 | 13,201 | 172,888 | 156 | 5,328 | 180,964 | 11,364 | 206,813 | | | |
| 1887 | 11,780 | 37,678 | 83,431 | 1,732 | 12,050 | 10,859 | 157,530 | 15 | 4,406 | 82,780 | 627 | 87,828 | | |
| 1888 | 8,563 | 39,999 | 102,974 | 2 | 26,510 | 179 | 11,508 | 189,825 | 63 | 1,601 | 56 | 173,259 | 2,309 | 177,288 |
| 1889 | 5,017 | 39,229 | 147,045 | 27,492 | 17,225 | 236,208 | 1,587 | 896 | 227,476 | 1,204 | 231,163 | | | |
| | *Fiscal. | | | | | | | | | | | | | |

H.—TABLE showing the Tonnage of Vegetable Food carried on each of the Lines of Canals, and the two principal Railways, Competing for the Carrying Trade between Lake Erie and Tidewater, for a series of Nineteen Years, ended 31st December, 1889.

| Year. | Total on New York Canals. | Total on Welland Canal. | Total on New York Central and Erie Railways. | Quantity cleared at Buffalo and Tonawanda by Erie Canal. | Quantity cleared at Oswego by Canal. | Quantity cleared through the Welland Canal in transit between ports in the United States. |
|-------|---------------------------------|-------------------------------|--|---|--|--|
| | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. |
| 1869* | 1,302,613 | 503,860 | 1,087,809 | 786,436 | 267,815 | 337,530 |
| 1872 | 1,674,320 | 538,147 | 1,870,614 | 1,317,276 | 169,818 | 234,337 |
| 1873 | 1,745,171 | 579,880 | 2,036,992 | 1,432,174 | 131,765 | 243,366 |
| 1874 | 1,767,598 | 647,397 | 2,791,517 | 1,157,509 | 243,325 | 374,226 |
| 1875 | 1,305,550 | 417,936 | 2,343,241 | 1,017,559 | 126,763 | 177,908 |
| 1876 | 1,064,293 | 409,788 | 2,875,803 | 783,331 | 99,975 | 162,405 |
| 1877 | 1,408,984 | 464,181 | 2,493,683 | 1,223,100 | 126,899 | 180,586 |
| 1878 | 1,912,734 | 403,403 | 3,695,764 | 1,644,301 | 93,149 | 128,361 |
| 1879 | 1,833,399 | 438,564 | 4,373,617 | 1,565,543 | 127,168 | 87,826 |
| 1880 | 2,371,090 | 442,182 | 4,732,385 | 2,065,184 | 135,410 | 48,580 |
| 1881 | 1,116,561 | 269,395 | 4,983,722 | 878,842 | 115,638 | 65,285 |
| 1882 | 1,118,776 | 306,482 | 3,885,557 | 864,826 | 126,804 | 64,002 |
| 1883 | 1,379,000 | 372,236 | 4,422,461 | 1,191,974 | 72,507 | 132,496 |
| 1884 | 1,236,986 | 305,734 | 3,639,805 | 1,078,909 | 70,132 | 114,422 |
| 1885 | 1,063,310 | 273,905 | 4,105,594 | 918,352 | 59,847 | 118,203 |
| 1886 | 1,489,886 | 414,812 | 3,802,262 | 1,353,591 | 59,216 | 172,888 |
| 1887 | 1,552,764 | 394,971 | 3,847,766 | 1,449,984 | 48,133 | 157,530 |
| 1888 | 1,166,958 | 419,786 | 3,197,734 | 1,052,834 | 11,191 | 189,825 |
| 1889 | 1,296,896 | 542,043 | 3,654,984 | 1,155,175 | 59,945 | 236,208 |

* Fiscal.

1.—STATEMENT showing the Quantity of Freight passed down the Welland Canal in Canadian and United States Vessels entering the Canal at Port Colborne during the Seasons of Navigation, in 1882, 1883, 1884, 1885, 1886, 1887, 1888 and 1889.

| ARTICLES. | CANADIAN VESSELS. | | | | UNITED STATES VESSELS. | | | | TOTAL. | |
|--|-------------------|----------|-----------|----------|------------------------|----------|------------|----------|-----------------|----------|
| | Steam. | | Sail. | | Steam. | | Sail. | | Steam and Sail. | |
| | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. |
| | 174 | 62,665 | 432 | 121,150 | 41 | 17,482 | 329 | 97,257 | 976 | 298,554 |
| | Tons. | | Tons. | | Tons. | | Tons. | | Tons. | |
| 1882. | | | | | | | | | | |
| Wheat..... | | 60,535 | | 46,201 | | 5,203 | | 87,213 | | 199,152 |
| Corn..... | | 7,431 | | 6,075 | | 3,468 | | 38,360 | | 55,334 |
| Rye..... | | | | | | | | 1,954 | | 1,954 |
| Coal..... | | 1,673 | | 51,127 | | 112 | | 27,968 | | 80,880 |
| Miscellaneous merchandise..... | | 2,939 | | 3,744 | | 1,553 | | 2,605 | | 10,841 |
| Lumber.....Ft. B.M. | 1,021,957 | | 1,943,568 | | 3,969,790 | | 17,327,483 | | 24,262,798 | |
| Timber.....Cub. ft. | 125,960 | | 2,874,036 | | | | 13,500 | | 3,013,526 | |
| Staves.....No. | 59,600 | | 1,065,233 | | | | 104,000 | | 1,228,833 | |
| | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. |
| 1883. | 180 | 68,850 | 468 | 130,844 | 111 | 68,609 | 417 | 127,616 | 1176 | 395,929 |
| | Tons. | | Tons. | | Tons. | | Tons. | | Tons. | |
| Wheat..... | | 32,761 | | 29,385 | | 5,928 | | 76,715 | | 144,789 |
| Corn..... | | 25,651 | | 21,073 | | 36,146 | | 99,272 | | 182,142 |
| Barley..... | | | | | | | | 735 | | 735 |
| Rye..... | | | | | | | | 518 | | 518 |
| Oats..... | | | | | | 731 | | | | 731 |
| Coal..... | | 8,398 | | 48,329 | | 835 | | 40,388 | | 97,950 |
| Miscellaneous merchandise..... | | 5,238 | | 3,590 | | 13,195 | | 2,299 | | 24,322 |
| Lumber.....Ft. B.M. | 2,102,292 | | 3,455,590 | | 5,287,386 | | 15,143,274 | | 25,988,542 | |
| Timber.....Cub. ft. | 83,700 | | 3,514,944 | | | | 70,500 | | 3,669,144 | |
| Staves.....No. | 32,876 | | 1,038,349 | | | | 90,000 | | 1,161,225 | |
| | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. |
| 1884. | 173 | 68,250 | 285 | 73,057 | 99 | 67,637 | 304 | 97,794 | 921 | 306,738 |
| | Tons. | | Tons. | | Tons. | | Tons. | | Tons. | |
| Wheat..... | | 38,859 | | 11,618 | | 5,461 | | 75,474 | | 131,412 |
| Corn..... | | 10,841 | | 13,609 | | 26,452 | | 67,909 | | 118,811 |
| Barley..... | | 90 | | | | | | | | 90 |
| Rye..... | | 477 | | | | | | | | 477 |
| Oats..... | | 872 | | | | 7,963 | | 1,911 | | 10,746 |
| Coal..... | | 497 | | 28,275 | | 301 | | 10,154 | | 39,227 |
| Shingles, firewood and woodenware..... | | 548 | | 2,538 | | 49 | | 30 | | 3,165 |
| Miscellaneous merchandise..... | | 2,073 | | 3,804 | | 11,793 | | 428 | | 18,103 |
| Lumber.....Ft. B.M. | 3,393,351 | | 1,680,976 | | 8,987,558 | | 18,126,215 | | 32,188,100 | |
| Timber.....Cub. ft. | 437,356 | | 2,107,780 | | | | 150,647 | | 2,704,783 | |
| Staves.....No. | | | | 75,000 | | 33,741 | | 301,267 | | 410,008 |

I.—STATEMENTS showing the Quantity of Freight passed down the Welland Canal in Canadian and United States Vessels, &c.—*Continued.*

| ARTICLES. | CANADIAN VESSELS. | | | | UNITED STATES VESSELS. | | | | TOTAL. | |
|--------------------------------|-------------------|----------|------------|----------|------------------------|----------|------------|----------|-----------------|------------|
| | Steam. | | Sail. | | Steam. | | Sail. | | Steam and Sail. | |
| | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. |
| | | Tons. | | Tons. | | Tons. | | Tons. | | Tons. |
| 1885. | | | | | | | | | | |
| Wheat..... | | 26,025 | | 3,153 | | 6,882 | | 72,478 | | 108,538 |
| Corn..... | | 16,046 | | 2,462 | | 20,589 | | 78,439 | | 117,536 |
| Barley..... | | | | 228 | | | | | | 228 |
| Oats..... | | | | | | 217 | | 665 | | 882 |
| Pease..... | | 11 | | | | | | | | 11 |
| Rye..... | | | | | | | | | | |
| Coal..... | | 1,005 | | 20,318 | | | | 18,560 | | 39,883 |
| Miscellaneous merchandise..... | | 1,941 | | 3,689 | | 1,111 | | 1,086 | | 7,827 |
| Shingles, woodenware, &c..... | | 223 | | 9 | | 53 | | 58 | | 343 |
| Sawed Lumber...Ft. B.M. | 7,725,105 | | 8,681,081 | | 9,381,654 | | 20,935,270 | | | 46,723,110 |
| Square Timber...Cub. Ft. | 601,516 | | 2,849,526 | | 20,692 | | 113,682 | | | 3,585,416 |
| Staves.....No. | 104,000 | | 44,000 | | 83,500 | | | | | 231,500 |
| Firewood.....Cords | | | | 783 | | | | | | 783 |
| | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. |
| | 261 | 95,928 | 426 | 123,297 | 118 | 86,937 | 358 | 108,344 | 1163 | 414,506 |
| 1886. | | | | | | | | | | |
| Wheat..... | | 38,984 | | 30,834 | | 2,937 | | 70,019 | | 142,774 |
| Corn..... | | 48,547 | | 33,315 | | 36,852 | | 99,644 | | 218,358 |
| Barley..... | | | | | | * | | 572 | | 572 |
| Oats..... | | 6 | | 41 | | 4,331 | | 459 | | 4,837 |
| Pease..... | | 459 | | 158 | | | | | | 608 |
| Rye..... | | | | | | | | | | |
| Coal..... | | 4,007 | | 45,018 | | | | 11,647 | | 60,672 |
| Miscellaneous merchandise..... | | 2,926 | | 6,728 | | 23,687 | | 281 | | 33,622 |
| Shingles, woodenware, &c..... | | 329 | | | | 252 | | 215 | | 1,152 |
| Sawed Lumber...Ft. B.M. | 6,915,390 | | 15,719,631 | | 8,953,478 | | 18,405,961 | | | 49,994,460 |
| Square Timber...Cub. Ft. | 564,827 | | 2,335,205 | | | | 35,500 | | | 2,935,532 |
| Staves.....No. | 221,280 | | 697,933 | | | | | | | 919,213 |
| Firewood.....Cords | | | | 390 | | | | | | 390 |
| | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. |
| | 250 | 86,344 | 372 | 101,745 | 107 | 94,029 | 163 | 46,152 | 892 | 328,270 |
| 1887. | | | | | | | | | | |
| Wheat..... | | 80,757 | | 81,652 | | 200 | | 46,186 | | 208,796 |
| Corn..... | | 12,341 | | 14,775 | | 65,981 | | 20,582 | | 113,679 |
| Barley..... | | | | | | 9 | | 575 | | 584 |
| Oats..... | | | | 1,376 | | 11,098 | | 279 | | 12,753 |
| Pease..... | | | | 362 | | | | | | 362 |
| Rye..... | | | | | | | | | | |
| Coal..... | | 1,436 | | 25,165 | | | | 2,108 | | 28,709 |
| Miscellaneous merchandise..... | | 2,179 | | 4,609 | | 24,395 | | 415 | | 31,598 |
| Shingles, woodenware, &c..... | | 1,716 | | 1,081 | | 26 | | | | 2,823 |
| Sawed Lumber...Ft. B.M. | 2,894,767 | | 12,329,728 | | 4,161,349 | | 15,091,355 | | | 34,477,199 |
| Square Timber...Cub. Ft. | 498,770 | | 1,285,594 | | | | | | | 1,784,364 |
| Staves.....No. | | | | 266,697 | | | | | | 266,697 |
| Firewood.....Cords | | 299 | | 466 | | | | | | 765 |

I.—STATEMENT showing the Quantity of Freight passed down the Welland
Canal, in Canadian and United States Vessels, &c.—*Concluded.*

| ARTICLES. | Canadian Vessels. | | | | United States Vessels. | | | | Total. | |
|---------------------------|-------------------|-----------|-------|------------|------------------------|------------|-------|------------|-----------------|------------|
| | Steam. | | Sail. | | Steam. | | Sail. | | Steam and Sail. | |
| | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. |
| | 242 | 86,838 | 339 | 93,450 | 114 | 104,505 | 219 | 60,500 | 914 | 345,293 |
| | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. |
| 1888. | | | | | | | | | | |
| Wheat..... | | 45,481 | | 60,379 | | 1,353 | | 40,779 | | 147,992 |
| Corn..... | | 38,620 | | 14,251 | | 71,988 | | 71,175 | | 196,024 |
| Barley..... | | | | | | 24,967 | | 1,311 | | 26,950 |
| Oats..... | | 672 | | 54 | | 57 | | 632 | | 111 |
| Pease..... | | | | | | 71 | | 4,208 | | 703 |
| Rye..... | | 1,603 | | 20,064 | | | | | | 20,875 |
| Coal..... | | 2,165 | | 3,291 | | 22,719 | | 3,722 | | 31,896 |
| Miscellaneous merchandise | | 66 | | 84 | | 141 | | 6 | | 296 |
| Shingles, Woodenware, &c. | | 5,262,700 | | 11,977,905 | | 4,451,360 | | 12,539,672 | | 34,230,637 |
| Sawed Lumber, Ft. B.M. | | 687,728 | | 1,555,307 | | 19,000 | | | | 2,262,035 |
| Square Timber, Cubic Ft. | | 106,972 | | 211,436 | | | | 34,000 | | 352,408 |
| Staves, No..... | | 179 | | 201 | | | | | | 380 |
| Firewood, Cords..... | | | | | | | | | | |
| | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. |
| | 317 | 106,048 | 427 | 118,071 | 208 | 172,873 | 268 | 92,442 | 1220 | 489,434 |
| | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. |
| 1889. | | | | | | | | | | |
| Wheat..... | | 38,127 | | 28,054 | | 1,679 | | 46,767 | | 114,627 |
| Corn..... | | 60,218 | | 43,819 | | 152,858 | | 96,700 | | 353,506 |
| Barley..... | | | | | | 25,347 | | 2,145 | | 27,812 |
| Oats..... | | 320 | | | | | | | | |
| Pease..... | | | | | | | | | | |
| Rye..... | | 948 | | 634 | | 336 | | | | 1,918 |
| Coal..... | | 3,976 | | 21,148 | | 712 | | 1,664 | | 27,500 |
| Miscellaneous merchandise | | 6,339 | | 5,749 | | 25,082 | | 3,030 | | 40,200 |
| Shingles, woodenware, &c. | | | | 1 | | | | 51 | | 52 |
| Sawed Lumber, Ft. B.M. | | 5,789,226 | | 11,632,330 | | 11,792,850 | | 21,026,211 | | 50,240,617 |
| Square timber, Cubic Ft. | | 924,645 | | 2,934,989 | | | | | | 3,859,634 |
| Staves, No..... | | 33,700 | | 194,649 | | | | | | 220,349 |
| Firewood, Cords..... | | | | 46 | | | | | | 46 |

J.—STATEMENT of Large Class of Vessels Lightened at Welland Railway Elevator at Port Colborne; showing the Tonnage, Dimensions, Depth of Water and Cargoes passed through the Enlarged Welland Canal during the Season of Navigation in 1889.

CANADIAN STEAM VESSELS.

| Date of Arrival. | Names of Vessels. | Registered tonnage, | Depth of Water on Arrival. | | | | | | Original Cargo to Canal. | | | Lighterage over the Welland Railway. | | | | | |
|------------------------|-------------------|---------------------|-------------------------------|----------------|----------------|----------|---------|--------|--------------------------|-------|------------------|--------------------------------------|-------|-------|--------|-------|-------|
| | | | Length over all. | Width of beam. | Depth of hold. | Forward. | Aft. | Wheat. | Corn. | Oats. | Rolling freight. | Wheat. | Corn. | Oats. | Wheat. | Corn. | Oats. |
| 1889. | | Tons. | Ft. | Ft. in. | Ft. in. | Ft. in. | Ft. in. | Bush. | Bush. | Bush. | Tons. | Bush. | Bush. | Bush. | Tons. | Tons. | Tons. |
| Sept. 13. | L. Shickluna..... | 394 | 135 | 23 | 0 | 12 | 0 | 11 | 0 | 11 | 2 | 16,196 | 3,356 | 101 | | | |
| Dec. 4. | Erin..... | 317 | 174 | 26 | 0 | 12 | 6 | 11 | 0 | 11 | 0 | 26,194 | 8,241 | 247 | | | |
| | Total..... | | | | | | | 42,390 | | | | 11,597 | | 348 | | | |

CANADIAN SAILING VESSELS.

| | | | | | | | | | | | | | | | | | |
|---------|--------------------|-----|-----|---|----|---|----|---|----|----|----|----|--------|--------|-----|--|--|
| July 6 | G. M. Neelon..... | 314 | 138 | 3 | 25 | 8 | 11 | 6 | 11 | 1 | 11 | 11 | 22,563 | 5,824 | 175 | | |
| do 6 | T. R. Merritt..... | 328 | 138 | 0 | 25 | 4 | 12 | 2 | 11 | 10 | 11 | 9 | 22,885 | 5,966 | 179 | | |
| do 23 | G. M. Neelon..... | 314 | 138 | 3 | 25 | 8 | 11 | 6 | 11 | 11 | 11 | 11 | 23,060 | 6,214 | 186 | | |
| Aug. 27 | G. M. Neelon..... | 314 | 138 | 3 | 25 | 8 | 11 | 6 | 12 | 0 | 12 | 0 | 23,000 | 6,244 | 187 | | |
| | Total..... | | | | | | | | | | | | 91,508 | 24,248 | 727 | | |

UNITED STATES STEAM VESSELS.

| | | | | | | | | | | | | | | | | |
|----------|---------------------|-------|-----|----|---|----|---|----|----|----|---|--------|-------|-------|-----|----|
| April 20 | John Rugee..... | 950 | 216 | 35 | 0 | 18 | 6 | 13 | 10 | 14 | 5 | 50,000 | 1,376 | 41 | 250 | |
| do 21 | D. C. Whitney..... | 1,013 | 246 | 42 | 0 | 14 | 6 | 14 | 10 | 14 | 9 | 61,650 | 8,944 | 25 | | |
| do 22 | Wm. A. Haskill..... | 1,441 | 265 | 37 | 0 | 16 | 6 | 13 | 11 | 14 | 6 | 37,182 | 2,732 | 1,195 | 74 | 19 |
| do 22 | Anna Smith..... | 657 | 178 | 32 | 6 | 13 | 8 | 14 | 10 | 15 | 4 | 39,691 | 7,467 | 209 | | |
| do 23 | W. J. Averill..... | 1,425 | 265 | 36 | 6 | 16 | 7 | 14 | 10 | 15 | 0 | 62,625 | 48 | 8,419 | 236 | |

UNITED STATES SAILING VESSELS.

April 15. Iron State. 1,086 214 35 0 18 2 14 10 14 2 56,453 1,384 39

J.—STATEMENT OF Large Class of Vessels Lightered at Welland Railway Elevator at Port Colborne, &c.—*Continued*

CANADIAN STEAM VESSELS.

| Date of Arrival. | Names of Vessels. | Grain Cargo and Rolling Freight through Welland Canal. | | | | | | | | Destination. | | Cost of lightage per bushel. | Time occupied in light- age. |
|------------------------|-------------------|--|-------|-------|--------|-------|-------|------------------|-------------------------------|------------------|---------------------|---------------------------------|---------------------------------|
| | | Wheat. | Corn. | Oats. | Wheat. | Corn. | Oats. | Rolling freight. | Total Cargo through Canal. | From. | To. | | |
| 1889. | | Bush. | Bush. | Bush. | Tons. | Tons. | Tons. | Tons. | Tons. | | | Cts. | H. M. |
| Sept. 13. | L. Shickluna..... | 12,840 | | | 386 | | | | 386 | Detroit..... | St. Catharines..... | 2 | 4 0 |
| Dec. 4. | Erin..... | 17,953 | | | 539 | | | | 539 | Port Arthur..... | Toronto..... | 2 | 5 0 |
| | Total..... | 30,793 | | | 925 | | | | 925 | | | | |

CANADIAN SAILING VESSELS.

| | | | | | | | | | | | | | |
|----------|--------------------|--------|--|--|-------|--|--|--|-------|---------------|------------------|---|-----|
| July 6. | G. M. Neelon | 16,739 | | | 503 | | | | 503 | Chicago | St. Catharines.. | 2 | 3 0 |
| do 6. | T. R. Merritt..... | 16,919 | | | 508 | | | | 508 | do | do | 2 | 4 0 |
| do 23. | G. M. Neelon | 16,846 | | | 506 | | | | 506 | do | do | 2 | 4 0 |
| Aug. 27. | G. M. Neelon | 16,756 | | | 503 | | | | 503 | do | do | 2 | 4 0 |
| | Total | 67,260 | | | 2,020 | | | | 2,020 | | | | |

UNITED STATES STEAM VESSELS.

| | | | | | | | | | | | | | |
|-----------|---------------------|--------|--------|--|-------|-----|-----|----|-------|-----------------|-----------------|---|-------|
| April 20. | John Rugee..... | 48,624 | | | 1,459 | | | | 1,459 | Milwaukee | Kingston | 2 | 5 0 |
| do 21. | D. C. Whitney | 52,706 | 19,688 | | 1,476 | | | | 1,476 | Chicago | Ogdensburg..... | 2 | 4 0 |
| do 22. | Wm. A. Haskill..... | 34,450 | | | 965 | 315 | 295 | | 1,575 | do | do | 2 | 5 0 |
| do 22. | Anna Smith..... | 32,224 | | | 903 | | | | 903 | Detroit | Kingston | 2 | 6 0 |
| do 23. | W. J. Averill..... | 54,206 | | | 1,518 | | | 48 | 1,566 | Chicago | Ogdensburg..... | 2 | 4 0 0 |

| | | | | | | | | | | | | |
|-------|----|--------------------|--------|-----------|---------|-------|--------|---------|------------|------------|----|------|
| do | 26 | Jno. Pridgeon, jr. | 45,549 | | 1,276 | 185 | 1,461 | do | do | do | 2 | 2 0 |
| May | 15 | W. A. Haskill | 23,921 | 33,439 | 1,670 | 536 | 388 | 1,594 | do | do | 2 | 2 0 |
| do | 29 | Veronica | 47,738 | | 1,337 | | 1,337 | do | do | do | 2 | 3 0 |
| do | 30 | W. A. Haskill | 51,158 | | 1,433 | 168 | 1,601 | do | do | do | 2 | 3 0 |
| June | 7 | W. J. Averill | 49,967 | | 1,400 | 164 | 1,564 | do | do | do | 2 | 5 0 |
| do | 23 | John Rugee | 51,838 | | 1,452 | | 1,452 | do | Kingston | Kingston | 2 | 4 0 |
| do | 23 | W. A. Haskill | 38,016 | | 1,065 | 536 | 1,601 | do | Ogdensburg | Ogdensburg | 2 | 2 0 |
| July | 30 | W. J. Averill | 35,742 | | 1,001 | 586 | 1,587 | do | do | do | 2 | 5 0 |
| Aug. | 12 | W. A. Haskill | 41,976 | | 1,176 | 381 | 1,557 | do | do | do | 2 | 3 0 |
| do | 12 | John Rugee | 52,906 | | 1,482 | | 1,482 | do | do | do | 2 | 4 0 |
| do | 17 | W. J. Averill | 41,008 | | 1,233 | 337 | 1,570 | do | do | do | 2 | 1 0 |
| Sept. | 2 | W. A. Haskill | 46,383 | | 1,299 | 284 | 1,583 | do | do | do | 2 | 3 0 |
| do | 4 | S. J. Macey | 38,670 | | 1,083 | | 1,083 | do | do | do | 2 | 4 0 |
| do | 5 | W. J. Averill | 37,935 | | 1,063 | 503 | 1,566 | Chicago | Ogdensburg | Ogdensburg | 2 | 4 0 |
| do | 17 | C. J. Kunshaw | 44,746 | | 1,253 | | 1,253 | do | Kingston | Kingston | 2 | 5 0 |
| do | 17 | W. A. Haskill | 44,519 | | 1,247 | 336 | 1,583 | do | Ogdensburg | Ogdensburg | 2 | 2 50 |
| do | 20 | John Rugee | 51,086 | | 1,431 | | 1,431 | do | do | do | 2 | 5 0 |
| do | 24 | Argonaut | 41,242 | | 1,239 | | 1,239 | do | Kingston | Kingston | 2 | 1 0 |
| do | 24 | W. J. Averill | 44,752 | | 1,254 | 323 | 1,577 | do | Ogdensburg | Ogdensburg | 2 | 4 0 |
| Oct. | 2 | Veronica | 49,068 | | 1,374 | | 1,374 | do | Kingston | Kingston | 2 | 4 30 |
| do | 3 | Mount Eagle | 49,310 | | 1,381 | | 1,381 | do | do | do | 2 | 5 0 |
| do | 10 | Gov. Smith | 55,707 | | 1,560 | 253 | 1,813 | do | Ogdensburg | Ogdensburg | 2 | 7 0 |
| do | 12 | W. A. Haskill | 45,640 | | 1,278 | 220 | 1,498 | do | do | do | 2 | 4 0 |
| do | 14 | Argonaut | 45,516 | | 1,247 | | 1,247 | do | Kingston | Kingston | 2 | 3 0 |
| do | 16 | D. C. Whitney | 53,615 | | 1,502 | | 1,502 | do | do | do | 2 | 5 0 |
| do | 20 | W. J. Averill | 32,201 | | 902 | 636 | 1,538 | do | Ogdensburg | Ogdensburg | 2 | 4 0 |
| do | 23 | W. L. Frost | 41,069 | | 1,150 | 290 | 1,449 | do | do | do | 2 | 2 45 |
| do | 21 | Jas. R. Langdon | 51,308 | | 1,437 | 340 | 1,777 | do | do | do | 2 | 5 0 |
| do | 28 | Gov. Smith | 54,646 | | 1,534 | 121 | 1,652 | do | do | do | 2 | 2 45 |
| do | 31 | Argonaut | 43,112 | | 1,208 | | 1,208 | do | Kingston | Kingston | 2 | 4 30 |
| Nov. | 1 | W. A. Haskill | 31,122 | 19,506 | 880 | 314 | 307 | 1,501 | do | Ogdensburg | do | 4 10 |
| do | 11 | W. J. Averill | 39,516 | | 1,107 | 447 | 1,554 | do | do | do | 2 | 2 0 |
| do | 13 | Jas R. Langdon | 45,719 | | 1,281 | 476 | 1,757 | do | do | do | 2 | 2 30 |
| do | 24 | W. A. Haskill | 24,256 | 32,213 | 680 | 516 | 389 | 1,585 | do | do | 2 | 2 30 |
| do | 27 | Mont Eagle | | 79,241 | | | 1,268 | 1,268 | do | do | 2 | 2 0 |
| | | Total | 48,624 | 1,669,816 | 184,177 | 1,459 | 46,774 | 2,919 | 8,013 | 59,195 | | |

UNITED STATES SAILING VESSELS.

| | | | | | | | | |
|----------|------------|--------|-------|-------|---------|----------|---|-----|
| April 15 | Iron State | 54,069 | 1,514 | 1,514 | Detroit | Kingston | 2 | 2 0 |
|----------|------------|--------|-------|-------|---------|----------|---|-----|

K.—STATEMENT showing the Quantity of Freight passed Eastward, from Lake Erie, through the whole length of the Welland and St. Lawrence Canals, to Montreal, during the seasons of Navigation in 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888 and 1889.

| ARTICLES, | 1881. | 1882. | 1883. | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|  | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. |
| <i>Class 3.</i> | | | | | | | | | |
| Iron, pig | 858 | 459 | 5 | 7 | 15 | | | 418 | |
| do all other | | 9 | 5 | | | | | | |
| Stone for cutting | 233 | 2 | | | | | | | |
| Apples | | 1 | | 513 | 49 | 33 | | | |
| Barley | | 259 | 38 | | | | | | |
| Corn | 69,066 | 17,474 | 109,191 | 55,552 | 44,401 | 116,517 | 24,609 | 66,443 | 195,350 |
| Flour | 4,476 | 5,920 | 5,089 | 9,659 | 2,874 | 2,934 | 6,140 | 3,865 | 6,841 |
| Meat, all kinds | | | 1,188 | | 16 | 125 | 87 | 100 | 148 |
| Oats | | | | 872 | | | | | 320 |
| Peas | | | 726 | 433 | 11 | 608 | 362 | | |
| Rye | | 1,263 | 518 | 477 | | | | | 1,284 |
| Seeds, all kinds | | 37 | 2 | | 42 | 33 | | 12 | 3 |
| Tobacco, raw | | 1 | | | | 25 | | | |
| Wheat | 77,061 | 161,692 | 76,379 | 84,822 | 52,157 | 86,815 | 160,063 | 93,915 | 70,815 |
| All other agricultural products, vegetable | | 1 | | | 1 | | 17 | | 798 |
| Hides, skins, horns and hoofs | | | 77 | | | | | | |
| Horses | | 1 | | | 2 | 1 | 1 | 2 | 2 |
| Lard and lard oil | 361 | 206 | 6 | | | 22 | | 54 | |
| Pork | 5,141 | 278 | 212 | 318 | 30 | 936 | 418 | 265 | 1,220 |
| All other agricultural products, animal | | | | | 4 | 68 | 20 | 39 | 32 |
| Total, Class 3 | 157,196 | 187,609 | 193,393 | 152,171 | 100,058 | 208,148 | 191,759 | 165,113 | 276,813 |
| <i>Class 4.</i> | | | | | | | | | |
| Ashes | 13 | 10 | 3 | 36 | 97 | 44 | 113 | 85 | 107 |
| Furniture | 4 | 12 | 6 | 10 | 5 | 6 | 9 | 2 | |
| Glass, all kinds | 47 | 6 | 1 | | | | | 3 | |
| Molasses | | 18 | 43 | | | 28 | | | |
| Nails | | | | 1 | | | 1 | | |
| Oil | 425 | | | 78 | 7 | 6 | 14 | | 4 |
| Paint | | 4 | | | | 1 | | | |
| Pitch and tar | | 1 | | | | | | | |
| Sugar | | | 2 | | | | 15 | | |
| Stone, wrought | 291 | 484 | 269 | 317 | | | 12 | | |
| Turpentine | | 2 | | 1 | | | | | |
| Whiskey, beer and all other spirits | | 25 | 35 | | | 8 | | 3 | 20 |
| Merchandise not enumerated | 60 | 105 | 53 | 37 | 29 | 100 | 72 | 105 | 193 |
| Total, Class 4 | 415 | 1,092 | 412 | 480 | 138 | 193 | 236 | 198 | 324 |
| <i>Class 5.</i> | | | | | | | | | |
| Barrels, empty | 1 | 3 | | 37 | 128 | 6 | 88 | 40 | |
| Sawed lumber | 2,849 | 3,630 | 6,311 | 7,531 | 19,945 | 18,707 | 7,001 | 5,175 | 6,118 |
| Staves, pipe and barrel | 1,001 | 2,350 | 2,024 | 200 | 856 | 332 | 184 | 139 | |
| do West India and pipe | 1,198 | 1,130 | 451 | 863 | | 287 | 131 | 1,623 | 270 |
| Timber, square, in vessels | 3,227 | 1,574 | 290 | | 639 | 1,330 | | | |
| do rafts | 3,250 | 1,149 | 2,314 | 7,365 | 11,128 | 15,410 | 14,300 | 11,586 | 9,302 |
| Woodenware | | 76 | 205 | 199 | 68 | 76 | 101 | 45 | 25 |
| Total, Class 5 | 11,602 | 10,059 | 11,589 | 16,064 | 32,772 | 36,173 | 21,839 | 18,588 | 15,690 |
| <i>Special Class.</i> | | | | | | | | | |
| Coal | | | 75 | | | | | | 10 |
| Grand total | 169,213 | 198,835 | 205,304 | 168,715 | 132,968 | 244,514 | 213,834 | 183,809 | 208,197 |

L.—STATEMENT showing the Quantity of Freight passed Westward from Montreal, through the whole length of the St Lawrence and Welland Canals to Lake Erie during the Seasons of Navigation in 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888 and 1889.

| Articles. | 1881. | 1882. | 1883. | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. |
|---|--------|--------|--------|-------|--------|--------|--------|--------|--------|
| | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. |
| <i>Class 3.</i> | | | | | | | | | |
| Bricks | 81 | 96 | 78 | 200 | 44 | 66 | 3 | 187 | 84 |
| Cement and water lime | 38 | 533 | 508 | 219 | 117 | 498 | 1,740 | 1,177 | 823 |
| Clay, lime and sand | 121 | 56 | 56 | | | 1 | 134 | 95 | 3 |
| Fish | 18 | 406 | | | | 1 | 95 | 1 | 80 |
| Gypsum | | | | | | 13 | | | |
| Iron, Railway | 16,476 | 11,246 | 8,725 | 2,031 | 12,356 | 6,629 | 153 | 9,148 | 15,513 |
| do Pig | 8,131 | 3,575 | 2,460 | 43 | 23 | 19 | 368 | 573 | 250 |
| do all other | 900 | 686 | 528 | 366 | 290 | 76 | 1,997 | 297 | 290 |
| Salt | 5,175 | 1,820 | 5,324 | 802 | 1,574 | 5,609 | 4,197 | 3,599 | 4,216 |
| Stone for cutting | 5 | | | | | 7 | | | |
| Flour | | | 21 | | | | | | |
| Meals | | | 5 | | | | | 31 | |
| Oats | | | 204 | | | | | | |
| Potatoes | 359 | 23 | | | | | 4 | | |
| Seeds, all kinds | 65 | 14 | | | | | | 24 | 215 |
| Agricultural Products not enumerated, vegetables | 2 | | 25 | 1 | 1 | | | 35 | 19 |
| Horses | | 2 | | | | | | | 2 |
| Lard and lard oil | | | | | 3 | | 3 | | |
| Pork | | | | 45 | | | | | |
| Wool | | 3 | | | | | 4 | | |
| All other articles not enum- erated | | | | | | 6 | 4 | 77 | |
| Total Class 3..... | 31,371 | 18,460 | 17,994 | 3,707 | 14,428 | 12,896 | 8,702 | 15,244 | 21,495 |
| <i>Class 4.</i> | | | | | | | | | |
| Ashes, pot and pearl | | | | | 226 | 20 | | | |
| Crockery and earthenware | 24 | 116 | 137 | 47 | 10 | 40 | 164 | 336 | 112 |
| Dye woods, &c | | | 2 | | | 1 | 4 | | |
| Furniture | 3 | 4 | 4 | 1 | | 9 | 1 | 1 | |
| Glass, all kinds | 97 | 359 | 136 | 160 | 32 | 39 | 53 | 77 | 71 |
| Manilla | | | 5 | 17 | | 7 | 5 | 1 | |
| Molasses | 14 | 58 | 3 | | | 23 | 1 | 7 | 56 |
| Nails | 258 | 576 | 1,085 | 160 | 205 | 389 | 147 | 578 | 736 |
| Oil in barrels | 54 | 119 | 122 | 80 | 10 | 82 | 28 | 22 | 9 |
| Paint | 47 | 124 | 103 | 161 | 24 | 36 | 80 | 59 | 49 |
| Pitch and tar | 1 | | 50 | 1 | | 5 | 1 | | |
| Rosin | | 11 | 21 | | | | | | |
| Soda, ash | 3,177 | 1,040 | 1,801 | 1,427 | 164 | 975 | 1,116 | 1,196 | 766 |
| Steel | 29 | | 3 | 142 | | 1 | 423 | 3 | 3 |
| Stone wrought | | | 2 | | | | | | |
| Sugar | 5 | 465 | 375 | 290 | 64 | 316 | 207 | 98 | 7 |
| Tin | 959 | 641 | 1,639 | 1,832 | 10 | 549 | 2,225 | 198 | 480 |
| Turpentine | | | 1 | 1 | | 1 | 1 | 1 | 1 |
| White lead | | 14 | | 3 | | 3 | 4 | 2 | 4 |
| Whiting | 10 | 5 | 19 | | 9 | | 7 | | 33 |
| Whiskey, beer, &c | 91 | 564 | 791 | 364 | 259 | 174 | 287 | 228 | 124 |
| Merchandise not enum- erated | 984 | 1,992 | 2,608 | 1,001 | 712 | 1,008 | 619 | 1,259 | 1,422 |
| Total Class 4..... | 5,753 | 6,093 | 8,957 | 5,687 | 1,725 | 3,678 | 5,373 | 4,066 | 3,873 |
| <i>Class 5.</i> | | | | | | | | | |
| Barrels, empty | 40 | 130 | 179 | | | 227 | | | 2 |
| Lumber, sawn, in vessels | | 175 | 318 | | | | | | |
| Woodenware | 26 | 23 | | 3 | 2 | | | | |
| Total Class 5..... | 66 | 328 | 497 | 3 | 2 | 227 | | | 2 |
| <i>Special Class.</i> | | | | | | | | | |
| Coal | | | 40 | 28 | | | | | |
| Grand Total..... | 37,190 | 24,881 | 27,488 | 9,425 | 16,155 | 16,801 | 14,075 | 19,310 | 25,370 |

M.—STATEMENT showing the Quantity of Freight passed Eastward through the Welland Canal, from United States Ports to United States Ports during the Seasons of Navigation in 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888 and 1889.

| Articles. | 1880. | 1881. | 1882. | 1883. | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. |
|--------------------------------------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. |
| <i>Class 3.</i> | | | | | | | | | | |
| Bricks. | 22 | | 3 | | | | 41 | | | |
| Cement and water lime. | | | 2 | | | | 31 | | 4 | |
| Fish. | | | | 1 | | | | 2 | | |
| Iron, Railway. | | | | 142 | | | | | | |
| do all other. | | 79 | 114 | 90 | 40 | | 45 | | | 520 |
| Salt. | | | | 8 | | | 1 | | | |
| Stone for cutting. | 258 | | | 38 | 15 | | | | | |
| Apples. | | 1 | 8 | | | | | | | |
| Barley. | | | 537 | 735 | | | | 1,709 | 2 | |
| Corn. | 16,122 | 30,031 | 32,433 | 66,128 | 53,707 | 63,229 | 93,503 | 83,431 | 102,974 | 147,045 |
| Flour. | | | 107 | 2,041 | 1,715 | 124 | 7,501 | 11,780 | 8,563 | 5,017 |
| Hay, pressed. | | | | | 13 | | | | | |
| Meat, all kinds. | | | 5 | 8,579 | 8,170 | | 13,201 | 10,726 | 11,598 | 17,224 |
| Oil cake. | | | | 1 | | | | | | |
| Oats. | 296 | | | | 731 | 9,874 | 882 | 4,790 | 12,050 | 26,510 |
| Potatoes. | | | 1 | | | | | | | 1 |
| Rye. | | | 684 | | | | | | 179 | |
| Seeds, all kinds. | | 16 | | 662 | 511 | | 236 | 44 | 48 | 151 |
| Wheat. | 30,611 | 34,320 | 30,227 | 54,282 | 40,956 | 53,235 | 53,258 | 37,678 | 39,999 | 39,229 |
| Agricultural products, vegetable. | | | 5 | 3 | | | 2 | 2 | | |
| Hides and skins, &c. | | | | 60 | 73 | | 414 | 170 | 39 | |
| Horses. | | 1 | 6 | 6 | | | 1 | 2 | | 1 |
| Lard and lard oil, &c. | | | | 5 | 7 | | 13 | 14 | 19 | 32 |
| Meats, other than pork. | | 1 | 12 | 4 | | | 1 | 18 | 14 | 3 |
| Pork. | | 1 | 163 | | | | 106 | 108 | 19 | 21 |
| Sheep. | | | | 1 | | | | | | |
| Wool. | | | | 95 | | | | 1,125 | 86 | 18 |
| Total, Class 3. | 47,309 | 64,447 | 64,129 | 133,782 | 115,092 | 117,470 | 174,359 | 157,820 | 189,986 | 237,188 |
| <i>Class 4.</i> | | | | | | | | | | |
| Agricultural implements. | | 3 | | 1 | | | | 9 | | |
| Crockery and earthenware. | | 4 | 1 | 1 | | | | | 1 | 1 |
| Furniture. | | | 15 | 25 | 16 | | 21 | 24 | 30 | 30 |
| Glass, all kinds. | | | 66 | | 1 | | 2 | | | |
| Nails. | 102 | | 7 | 51 | 26 | | 4 | | | |
| Oil, in barrels. | | | 905 | 206 | 255 | | 6 | 8 | | |
| Paint. | | 3 | 6 | | | | | | | |
| Soda, ash. | | | 7 | | | | | | | |
| Steel. | | 1 | | | | | | | 3 | |
| Stone, wrought. | 192 | 29 | 33 | 87 | 7 | | 38 | | | 2 |
| White lead. | | 2 | 6 | 5 | | | | | | |
| Whiskey, beer and all other spirits. | | 14 | | 12 | 156 | 26 | | 21 | 63 | 151 |
| Merchandise, not enumerated. | 1 | 49 | 91 | 941 | 481 | 2 | 824 | 469 | 1,453 | 1,679 |
| Total, Class 4. | 207 | 189 | 1,237 | 1,479 | 812 | 2 | 916 | 573 | 1,638 | 1,902 |
| <i>Class 5.</i> | | | | | | | | | | |
| Lumber, sawn, in vessels. | 33,555 | 30,462 | 34,182 | 34,189 | 43,713 | 44,668 | 43,776 | 29,845 | 28,333 | 55,074 |
| Hoops. | | | | 26 | | | | | | |
| Shingles. | 9 | | 9 | 9 | 76 | 111 | 463 | | 6 | 51 |
| Staves, barrel. | | | | 25 | | | | | 82 | |
| Woodenware, &c. | 1 | 4 | 43 | 30 | 11 | | 2 | 26 | 141 | 333 |
| Total, Class 5. | 33,565 | 30,466 | 34,234 | 34,279 | 43,800 | 44,779 | 44,241 | 29,871 | 28,562 | 55,458 |
| <i>Special Class.</i> | | | | | | | | | | |
| Coal. | 871 | 1,164 | 10,686 | 5,372 | 4,293 | 4,974 | 5,400 | 1,163 | 878 | 1,124 |
| Stone not suitable for cutting. | | | | | | | | | | 1,681 |
| Total, Special Class. | 871 | 1,164 | 10,686 | 5,372 | 4,293 | 4,974 | 5,400 | 1,163 | 878 | 2,805 |
| Grand Total. | 81,952 | 96,266 | 110,286 | 174,912 | 163,997 | 167,225 | 224,916 | 189,427 | 221,064 | 297,353 |

N.—STATEMENT showing the number of Vessels and their Cargoes of Wheat, from Ports West of Port Colborne to Montreal: the Quantity transhipped to Kingston, and the Quantity of each Cargo through the St. Lawrence Canals, during the Season of Navigation in 1889.

| Names of Vessels. | Original Cargo through the Welland Canal. | Quantity transhipped at Kingston. | Cargo through the St. Lawrence Canals. | | |
|--|---|--|--|-------|-------|
| | | | Tons. | Tons. | Tons. |
| Canadian Steamer "Acadia" | 577 | 92 | 485 | | |
| do do | 420 | 135 | 285 | | |
| do do | 511 | 113 | 398 | | |
| do do | 600 | 154 | 446 | | |
| do "Alma Monroe" | 458 | 182 | 276 | | |
| do do | 407 | 131 | 276 | | |
| do "Canada" | 555 | 179 | 376 | | |
| do do | 548 | 250 | 298 | | |
| do do | 555 | 276 | 279 | | |
| do "Cuba" | 602 | 262 | 340 | | |
| do do | 541 | 240 | 301 | | |
| do do | 216 | 210 | 6 | | |
| do do | 600 | 251 | 349 | | |
| do "Celtic" | 516 | 211 | 305 | | |
| do do | 510 | 228 | 282 | | |
| do do | 509 | 225 | 284 | | |
| do do | 510 | 237 | 253 | | |
| do "Lake Michigan" | 540 | 216 | 324 | | |
| do do | 527 | 264 | 263 | | |
| do "Shickluna" | 526 | 225 | 301 | | |
| Canadian Sailing Vessels "John Gaskin" | 1,054 | 390 | 664 | | |
| do do "Jennie" | 960 | 321 | 639 | | |
| do do do | 883 | 306 | 547 | | |
| do do "Kildonan" | 1,028 | 257 | 771 | | |
| do do "Regina" | 848 | 215 | 633 | | |
| do do do | 799 | 235 | 564 | | |
| Total | 15,800 | 5,825 | 9,975 | | |

| | |
|---|--------------|
| Number of cargoes of wheat | 26 |
| Quantity through Welland Canal to Kingston | 15,800 tons. |
| do transhipped at Kingston | 5,825 do |
| do taken to Montreal in vessels in which it arrived at Kingston | 9,975 do |

N.—STATEMENT showing the Number of Vessels and their Cargoes of Corn from Ports west of Port Colborne to Montreal; the quantity transhipped at Kingston, and the quantity of each cargo through the St. Lawrence Canals during the Season of Navigation in 1859.

| Names of Vessels. | Original Cargo through the Welland Canal. | Quantity transhipped at Kingston. | Cargo through the St. Lawrence Canals. |
|--|---|--|--|
| | Tons. | Tons. | Tons. |
| Canadian steamer "Alma Munro" | 616 | 238 | 378 |
| do do | 560 | 240 | 320 |
| do do | 560 | 271 | 289 |
| do do | 672 | 265 | 407 |
| do do | 672 | 309 | 363 |
| do " Acadia " | 422 | | 422 |
| do do | 588 | 163 | 425 |
| do do | 575 | 125 | 450 |
| do do | 476 | 109 | 367 |
| do " Celtic " | 481 | 196 | 285 |
| do " Cuba " | 560 | 207 | 353 |
| do do | 560 | 252 | 308 |
| do do | 443 | 173 | 270 |
| do " Canada " | 510 | 193 | 317 |
| do " Lake Michigan " | 509 | 199 | 310 |
| do do | 510 | 199 | 311 |
| do " St. Magnus " | 980 | 576 | 404 |
| Canadian sailing vessel "Jennie" | 898 | 257 | 641 |
| do do | 946 | 318 | 628 |
| do do | 952 | 350 | 602 |
| do " Kildonan " | 1,175 | 336 | 839 |
| do do | 1,154 | 328 | 826 |
| do do | 1,120 | 294 | 826 |
| do do | 1,126 | 286 | 840 |
| do do | 1,120 | 308 | 812 |
| do " Glenora " | 1,307 | 623 | 679 |
| do " Regima " | 849 | 233 | 616 |
| do do | 843 | 224 | 619 |
| do do | 857 | 262 | 595 |
| | 22,041 | 7,534 | 14,502 |

| | |
|---|--------------|
| Number of cargoes of corn | 29 |
| Quantity through Welland Canal to Kingston | Tons. 22,041 |
| do transhipped at Kingston | do 7,534 |
| do taken to Montreal in vessels in which it arrived at Kingston | do 14,502 |

RECAPITULATION, 1889.

| | | Number of Cargoes. | Total. |
|--|------------------|-----------------------|--------|
| Wheat | | 26 | |
| Corn | | 29 | |
| Total | | 55 | |
| Quantity of wheat through the Welland Canal bound to Montreal | Tons. | Tons. | |
| do corn do do | 15,800 22,041 | | |
| Total through Welland Canal | | 37,841 | |
| Quantity of the above cargoes transhipped at Kingston, viz.:— | | | |
| Wheat | | 5,825 | |
| Corn | | 7,534 | |
| Total transhipped | | 13,359 | |
| Quantity of the above cargoes taken to Montreal in vessels in which it arrived at Kingston, viz.:— | | | |
| Wheat | | 9,975 | |
| Corn | | 14,502 | |
| Total quantity to Montreal | | 24,477 | |

O.—STATEMENT showing the Quantity of Grain passed down the Welland Canal to Kingston in Canadian and United States Vessels entering the Canal at Port Colborne during the Season of Navigation in 1889.

| ARTICLES. | CANADIAN VESSELS. | | | | UNITED STATES VESSELS. | | | | TOTAL. | |
|---|-------------------|----------|-------|----------|------------------------|----------|-------|----------|--------------------|----------|
| | Steam. | | Sail. | | Steam. | | Sail. | | Steam and Sail. | |
| | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. | No. | Tonnage. |
| | 118 | 68,568 | 90 | 35,018 | 47 | 37,339 | 67 | 27,220 | 322 | 168,154 |
| | | Tons. | | Tons. | | Tons. | | Tons. | | Tons. |
| Corn | | 57,907 | | 41,539 | | 51,962 | | 46,273 | | 197,771 |
| Oats | | 320 | | | | | | | | 320 |
| Pease | | | | | | | | | | |
| Rye | | 948 | | 634 | | 336 | | | | 1,918 |
| Wheat | | 35,659 | | 28,020 | | 1,459 | | 8,328 | | 73,466 |
| Total | | 94,924 | | 70,193 | | 53,757 | | 54,601 | | 273,475 |
| 118 cargoes in Canadian steam vessels; total quantity | | | | | | | | | Tons. | |
| 90 do do sailing do do | | | | | | | | | 94,924 | |
| 47 do United States steam vessels; total quantity | | | | | | | | | 70,193 | |
| 67 do do sailing do do | | | | | | | | | 53,757 | |
| | | | | | | | | | 54,601 | |

P.—TOTAL quantity of grain arrived at Kingston in vessels which passed down the Welland Canal during the season of navigation in 1889:—

| Summary. | Tons. | Total Tons. |
|--|---------|-------------|
| Canadian steam vessels, 118 cargoes of grain | 94,924 | |
| do sail vessels, 90 do | 70,193 | |
| Total Canadian vessels | | 165,117 |
| United States steam vessels, 47 cargoes of grain..... | 53,757 | |
| do sail vessels, 67 do | 54,601 | |
| Total in United States vessels | | 108,358 |
| Total in Canadian and United States vessels..... | | 273,475 |
| Distributed as follows:— | | |
| 1 cargo taken to Montreal in Canadian vessels without breaking bulk. | | 425 |
| 54 cargoes arrived at Kingston in Canadian vessels with an aggregate quantity of. | 37,416 | |
| Transhipped | 13,359 | |
| Quantity taken to Montreal in vessels in which it arrived at Kingston..... | | 24,057 |
| Vessels arrived at Kingston and discharged all of their cargo as follows:— | | |
| 153 cargoes in Canadian vessels..... | 127,276 | |
| 114 in United States vessels..... | 108,358 | |
| Aggregate quantity discharged..... | 235,634 | |
| Transhipped in Canadian vessels to Montreal..... | 229,928 | |
| Transhipped <i>via</i> C.P.R. to Montreal..... | 638 | |
| Quantity transhipped to Montreal..... | 230,566 | |
| Quantity remaining at Kingston..... | | 5,068 |
| Total quantity transhipped..... | | 243,925 |
| Total..... | | 273,475 |

Q.—COMPARATIVE Statement of the Quantity of Grain passed down the Welland Canal to Kingston for the Seasons of 1888 and 1889.

| | 1888. | | 1889. | |
|--|--------------------|----------------|--------------------|----------------|
| | No. of Cargoes. | Tons. | No. of Cargoes. | Tons. |
| Quantity arrived at Kingston in Canadian vessels..... | 182 | 143,025 | 208 | 165,117 |
| do do United States vessels..... | 60 | 43,667 | 114 | 108,358 |
| Total | 242 | 186,692 | 322 | 273,475 |
| Quantity transhipped at Kingston in Canadian vessels for Montreal..... | | 144,127 | | 243,287 |
| Quantity taken to Montreal in vessels in which it arrived at Kingston..... | | 16,231 | | 24,482 |
| Quantity transferred in cars and taken to Montreal by rail..... | | 14,921 | | 638 |
| Quantity remaining at Kingston..... | | 11,413 | | 5,068 |
| Total | | 186,692 | | 273,475 |

1 Vessel took cargo through to Montreal intact in 1889 against 2 in 1888.

54 Vessels lightened their cargoes at Kingston in 1889 against 39 in 1888.

237 Vessels discharged the whole of their cargoes at Kingston in 1889 against 201 in 1888.

R.—Statement showing the quantity of Oats arrived at Montreal by Canal and Rail during the Years 1884 to 1889, inclusive, and the total shipments for the same period.

| YEARS. | Receipts via. Lachine Canal. | Receipts via. C. P. R. and G. T. R. is reported as follows. | Total Receipts at Montreal. | Shipments. |
|------------|---------------------------------------|--|--------------------------------------|------------|
| | Bushels. | Bushels. | Bushels. | Bushels. |
| 1884..... | 297,326 | 528,032 | 825,358 | 246,643 |
| 1885..... | 678,866 | 550,425 | 1,229,291 | 1,463,932 |
| 1886..... | 650,910 | 595,756 | 1,246,666 | 2,033,068 |
| 1887..... | 341,568 | 452,748 | 794,316 | 509,010 |
| 1888..... | 123,213 | 542,007 | 665,220 | 70,809 |
| 1889..... | 119,958 | 812,750 | 932,708 | 88,910 |
| Total..... | 2,211,841 | 3,481,718 | 5,693,559 | 4,412,402 |

S.—The quantity of Coal passed through the Welland Canal during the series of Years from 1885 to 1889, inclusive, and the amount of tolls collected thereon.

| YEARS. | From United States Ports to Canadian Ports. | | From United States Ports to United States Ports. | | Total | Amount of Tolls Paid at 20c. per ton. |
|--------------|--|---------|--|--------|-----------|---|
| | Up. | Down. | Up. | Down. | | |
| | Tons. | Tons. | Tons. | Tons. | | |
| 1885..... | 10,321 | 31,350 | 193,442 | 4,974 | 240,087 | 48,017 40 |
| 1886..... | 22,187 | 49,724 | 184,564 | 5,400 | 261,875 | 52,375 00 |
| 1887..... | 26,775 | 25,968 | 81,617 | 1,163 | 135,593 | 27,104 60 |
| 1888..... | 17,365 | 27,183 | 172,381 | 878 | 217,807 | 43,561 40 |
| 1889..... | 12,036 | 25,931 | 226,352 | 1,124 | 265,443 | 53,088 60 |
| Total..... | 88,684 | 160,156 | 858,356 | 13,359 | 1,120,735 | 224,147 00 |
| Average..... | 17,737 | 32,031 | 171,671 | 2,708 | 234,147 | 44,829 40 |

The quantity of coal passed westward through the Welland Canal for five years is as follows:—

| | From United States Ports to United States Ports. | From United States Ports to Canadian Ports. |
|--------------|---|--|
| | Tons. | Tons. |
| 1885..... | 193,442 | 10,321 |
| 1886..... | 184,564 | 22,187 |
| 1887..... | 81,617 | 26,775 |
| 1888..... | 172,381 | 17,365 |
| 1889..... | <u>226,352</u> | <u>12,036</u> |
| Total..... | <u>858,356</u> | <u>88,684</u> |
| Average..... | 171,671 | 17,737 |

It will thus be seen that the quantity passed westward through the Welland Canal to United States ports in 1889 shows a large increase over the preceding years, all of which was carried in United States vessels.

Of the quantity passed westward to Canadian ports in 1889 Canadian vessels carried 11,263 tons.

Of the total quantity, 238,388 tons, passed westward in 1889, United States vessels carried 227,125 tons, and paid tolls to the amount of \$45,425; Canadian vessels carried 11,263 tons, and paid tolls to the amount of \$2,252.60.

The quantity of coal passed down (or eastward) through the Welland Canal for five years is as follows:—

| | From United States Ports to United States Ports. | From United States Ports to Canadian Ports. |
|--------------|---|--|
| | Tons. | Tons. |
| 1885..... | 4,974 | 31,350 |
| 1886..... | 5,400 | 49,724 |
| 1887..... | 1,163 | 25,968 |
| 1888..... | 878 | 27,183 |
| 1889..... | <u>1,124</u> | <u>25,931</u> |
| Total | <u>13,539</u> | <u>160,156</u> |
| Average..... | 2,708 | 32,031 |

It will thus be seen that the quantity eastward to United States ports in 1889 was..... 1,124
And the quantity to Canadian ports was..... 25,931

Making a total of..... 27,055
=====

Of which Canadian vessels carried..... 21,679
And United States vessels carried..... 2,376

Total..... 27,055
=====

Amount of tolls paid on quantity carried in Canadian vessels... \$4,935 .80
Amount of tolls paid on quantity carried in United States vessels ... 475 .20

Total..... \$5,411 .00

The quantity of coal passed down (or eastward) through the Welland Canal in Canadian and United States vessels for the years 1885 to 1889 is as follows:—

| Year. | Quantity Carried in Canadian Vessels. | | Quantity Carried in United States Vessels. | | Total Quantity Carried in Canadian and United States Vessels. | |
|---------------|---|-------------------|--|-------------------|---|-------------------|
| | Tons. | Tolls. \$ ets. | Tons. | Tolls. \$ ets. | Tons. | Tolls. \$ ets. |
| 1885..... | 17,764 | 3,552 80 | 18,560 | 3,712 00 | 36,324 | 7,264 80 |
| 1886..... | 43,477 | 8,695 40 | 11,647 | 2,329 40 | 55,124 | 11,924 80 |
| 1887..... | 25,023 | 5,004 60 | 2,108 | 421 60 | 27,131 | 5,426 20 |
| 1888..... | 23,853 | 4,770 60 | 4,208 | 841 60 | 28,061 | 5,612 20 |
| 1889..... | 24,679 | 4,935 80 | 2,376 | 475 20 | 27,055 | 5,411 00 |
| Total | 134,796 | 26,959 20 | 38,899 | 7,779 80 | 173,695 | 34,739 00 |
| Average | 26,960 | 5,392 00 | 7,780 | 1,556 00 | 34,739 | 6,947 80 |

The quantity of coal passed through the Welland Canal during a series of years from 1885 to 1889 inclusive, and the amount of tolls collected thereon, is as follows:—

| Year. | From United States Ports to United States Ports. | | From United States Ports to Canadian Ports. | | Total Tons. | Amount of Tolls Paid, — Rate, 20 cents a ton. |
|---------------|---|--------|--|---------|-------------|---|
| | Up. | Down. | Up. | Down. | | |
| | Tons. | Tons. | Tons. | Tons. | | |
| 1885..... | 193,442 | 4,974 | 10,321 | 31,350 | 240,087 | 48,017 40 |
| 1886..... | 184,564 | 5,400 | 22,187 | 49,724 | 261,875 | 52,375 00 |
| 1887..... | 81,617 | 1,163 | 26,775 | 25,968 | 135,523 | 27,104 60 |
| 1888..... | 172,381 | 878 | 17,365 | 27,183 | 217,807 | 43,561 40 |
| 1889..... | 226,352 | 1,124 | 12,036 | 25,931 | 265,443 | 53,188 60 |
| Total | 858,356 | 13,359 | 88,684 | 160,156 | 1,120,735 | 224,147 00 |
| Average | 171,671 | 2,708 | 17,737 | 32,031 | 224,147 | 44,829 40 |

T.—STATEMENT showing the quantity of Coal passed through the whole length of the St. Lawrence Canals during the Seasons of 1885 to 1889 inclusive.

| Years. | Quantity passed up Free of Tolls. | Quantity passed down to Montreal. | Total Quantity passed up and down. | Amount of Tolls on quantity passed down to Montreal. |
|-----------|--|--|---|---|
| | | | | |
| | Tons. | Tons. | Tons. | \$ ets. |
| 1885..... | 5,035 | 122,829 | 127,864 | 18,424 35 |
| 1886..... | 3,301 | 118,802 | 122,103 | 17,820 70 |
| 1887..... | 7,579 | 121,618 | 129,197 | 18,242 70 |
| 1888..... | 8,341 | 123,050 | 131,391 | 18,423 90 |
| 1889..... | 5,360 | 124,290 | 129,650 | 18,604 90 |

U.—COMPARATIVE STATEMENT of the quantity of Freight passed down the Welland Canal, showing the quantity to Montreal, the quantity to Canadian Ports between Port Dalhousie and Cornwall, and the quantity to United States Ports, Oswego, Ogdensburg, &c., on the south side of Lake Ontario, for the Years 1883 to 1889, inclusive.

| Articles. | Quantity passed down to Montreal. | Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall. | | Quantity passed down to United States Ports. |
|---|---|---|-------|---|
| | | Tons. | Tons. | |
| 1883. | | | | |
| Ashes, pot and pearl..... | 3 | 2 | | |
| Agricultural products, not enumerated, vegetable..... | | 3 | | 3 |
| do do animal..... | | 6 | | |
| Agricultural implements..... | | | | 1 |
| Barley..... | | | | 735 |
| Coal..... | | 89,344 | | 5,372 |
| Corn..... | 109,191 | 6,815 | | 66,128 |
| Crockery and earthenware..... | | | | 1 |
| Fish..... | | | | 1 |
| Flour..... | 5,089 | | | 2,041 |
| Furniture..... | 6 | 8 | | 25 |
| Glass..... | 1 | 9 | | |
| Horses..... | | | | 6 |
| Hides and skins..... | 77 | 26 | | 60 |
| Iron, railway..... | | | | 142 |
| do all other..... | 5 | 39 | | 90 |
| Lard and lard oil..... | 6 | 1 | | 5 |
| Meal, all kinds..... | 1,188 | 138 | | 8,579 |
| Meats, other than pork..... | | 2 | | 12 |
| Manilla..... | | | | 4 |
| Molasses..... | 43 | 4 | | 1 |
| Nails..... | | | | 51 |
| Oats..... | | | | 731 |
| Oil, in barrels..... | | 300 | | 206 |
| Oil cake..... | | | | 1 |
| Pease..... | 726 | | | |
| Pork..... | 212 | 13 | | 163 |
| Paint..... | | | | 6 |
| Rags..... | | | | 271 |
| Rye..... | 518 | | | |
| Salt..... | | | | 8 |
| Stone, intended for cutting..... | | 2,584 | | 38 |
| do wrought..... | 269 | 353 | | 87 |
| Seeds, all kinds..... | 2 | | | 662 |
| Steel..... | 1 | | | |
| Sugar..... | 2 | | | |
| Spirits, beer, &c..... | 35 | 98 | | 156 |
| Tobacco, raw..... | | 5 | | |
| Tallow..... | | 2 | | |
| Wheat..... | 76,379 | 3,835 | | 54,282 |
| White lead..... | | | | 5 |
| Wool..... | | | | 95 |
| All other merchandise, not enumerated..... | 52 | 109 | | 665 |
| Barrels, empty..... | | 4 | | |
| Firewood, in vessels..... | | 930 | | |
| Hoops..... | | | | 26 |
| Lumber, sawn, in vessels..... | 6,311 | 792 | | 34,732 |
| Staves and headings, barrel..... | | 31 | | |
| do pipe..... | 2,024 | 2,738 | | |
| do West India..... | 451 | 1,946 | | |
| Staves, salt barrel..... | | | | 25 |
| Shingles..... | | | | 9 |
| Split post and fence rails, in vessels..... | | 1 | | |
| Timber, square..... | 2,604 | 74,329 | | |
| Woodenware and wood, partly manufactured..... | 199 | 35 | | 30 |
| Total..... | 205,394 | 184,502 | | 175,455 |

U.—COMPARATIVE STATEMENT of the quantity of Freight passed down the Welland Canal, &c.—Continued.

| Articles. | Quantity passed down to Montreal. | Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall. | Quantity passed down to United States Ports. |
|--|---|---|---|
| 1884. | Tons. | Tons. | Tons. |
| Ashes, pot and pearl..... | 36 | 10 | ..... |
| Agricultural products, not enumerated, vegetable..... | 6 | 2 | ..... |
| do do animal..... | 2 | 9 | ..... |
| Agricultural implements..... | ..... | ..... | ..... |
| Barley..... | 38 | 52 | ..... |
| Coal..... | ..... | 32,598 | 4,293 |
| Corn..... | 55,552 | 9,552 | 53,707 |
| Cattle..... | ..... | 1 | ..... |
| Fish..... | ..... | 13 | ..... |
| Flour..... | 9,659 | ..... | 1,715 |
| Furniture..... | 10 | 17 | 16 |
| Glass, all kinds..... | ..... | 10 | 1 |
| Hay, pressed..... | ..... | 1 | 13 |
| Horses..... | ..... | 2 | 6 |
| Hides, horns and hoofs..... | ..... | ..... | 73 |
| Iron, all other..... | ..... | 8 | 40 |
| Kryolite and chemical ore, and other ore, except iron..... | ..... | 10 | ..... |
| Lard and lard oil..... | ..... | 2 | 7 |
| Meal, all kinds..... | ..... | 5 | 8,170 |
| Meats other than pork..... | ..... | 28 | 4 |
| Marble..... | ..... | ..... | 1 |
| Nails..... | 1 | ..... | 26 |
| Oats..... | 872 | ..... | 9,874 |
| Oil, in barrels..... | 78 | 354 | 255 |
| Pease..... | 433 | ..... | ..... |
| Pork..... | 318 | ..... | ..... |
| Rye..... | 477 | ..... | ..... |
| Salt..... | ..... | 364 | ..... |
| Stone, intended for cutting..... | ..... | 2,059 | 15 |
| do wrought..... | 317 | 190 | 7 |
| Seeds all kinds..... | ..... | 111 | 511 |
| Sheep..... | ..... | ..... | 1 |
| Spirits, beer, &c..... | ..... | 11 | 26 |
| Turpentine..... | 1 | ..... | ..... |
| Wheat..... | 84,822 | 2,549 | 40,975 |
| All other goods and merchandise not enumerated..... | 37 | 104 | 480 |
| Barrels, empty..... | 37 | 3 | 1 |
| Firewood, in vessels..... | ..... | 930 | ..... |
| Lumber, sawn do..... | 7,531 | 85 | 45,239 |
| Staves and headings, barrel..... | ..... | 22 | ..... |
| do pipe..... | 200 | 487 | ..... |
| do West India..... | 863 | 406 | ..... |
| Shingles..... | ..... | 7 | 76 |
| Timber, square..... | 7,365 | 50,414 | ..... |
| Woodenware and wood, partly manufactured..... | 68 | 3 | 11 |
| Total..... | 168,715 | 100,425 | 165,543 |

A refund of 10 cents per ton was allowed on wheat, corn, oats, barley and rye passed down to Montreal, per O. C., 28th May, 1884.

U.—COMPARATIVE STATEMENT of the quantity of Freight passed down the Welland Canal, &c.—Continued.

| Articles. | Quantity passed down to Montreal. | Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall. | | Quantity passed down to United States Ports. |
|--|---|---|-------|---|
| | | Tons. | Tons. | |
| 1885. | | | | |
| Ashes, pot and pearl..... | 97 | | | |
| Apples..... | 513 | | | |
| Agricultural products not enumerated, vegetable..... | 1 | | | |
| do do animal..... | 2 | | | 228 |
| Barley..... | | | | |
| Coal..... | | 31,350 | | 4,974 |
| Corn..... | 44,401 | 9,906 | | 63,229 |
| Crockery and earthenware..... | 1 | | | |
| Flour..... | 2,874 | 11 | | 124 |
| Furniture..... | 5 | | | |
| Horses..... | 2 | 1 | | |
| Iron, pig..... | | 100 | | |
| do all other..... | 7 | | | |
| Iron ore..... | | | 2 | 987 |
| Lard and lard oil..... | 16 | | | |
| Meal, all kinds..... | | | | 882 |
| Oats..... | 7 | 568 | | |
| Oil, in barrels..... | | | | |
| Pease..... | 11 | | | |
| Paint..... | | 68 | | |
| Pork..... | 30 | | | |
| Salt..... | | 407 | | |
| Stone, for cutting..... | | 3,749 | | |
| do wrought..... | | 8 | | |
| Seeds, all kinds..... | | | 10 | |
| Spirits, beer, &c..... | 42 | | 25 | |
| Tallow..... | 2 | 4 | | |
| Wheat..... | 52,157 | 2,003 | | 53,235 |
| All other merchandise not enumerated..... | 28 | 8 | | 2 |
| Barrels, empty..... | 128 | 8 | | |
| Firewood, in vessels..... | | 540 | | |
| Lumber, sawn..... | 19,945 | 6,774 | | 49,561 |
| Staves and headings..... | 856 | 604 | | |
| Shingles..... | | | | 111 |
| Timber, square..... | 11,767 | 60,616 | | |
| Woodenware..... | 76 | | | |
| Total..... | 132,968 | 125,762 | | 173,333 |

A refund of 10 cents per ton was allowed on wheat, corn, oats, pease, barley and rye passed down to Montreal, per O. C. 17th June, 1885, and a refund of 18 cents per ton from 1st July, 1885, per O. C. 4th July, 1885.

U.—COMPARATIVE STATEMENT of the quantity of Freight passed down the Welland Canal, &c.—*Continued.*

| Articles. | Quantity passed down to Montreal. | Quantity passed down to Ontario Ports between Port Dalhousie and Cornwall. | Quantity passed down to United States Ports. |
|--|---|--|---|
| 1886. | Tons. | Tons. | Tons. |
| Ashes, pot and pearl..... | 44 | 10 | 11 |
| Apples..... | 49 | | |
| Agricultural products, not enumerated vegetable..... | | 1 | 1 |
| Bricks..... | | | 41 |
| Cement and water lime..... | | | 26 |
| Coal..... | | 49,724 | 5,400 |
| Corn..... | 116,517 | 8,871 | 93,503 |
| Flour..... | 2,934 | | 7,591 |
| Furniture..... | 6 | 15 | 21 |
| Glass, all kinds..... | | | 2 |
| Hoops..... | 1 | | 1 |
| Hides and skins, &c..... | | | 414 |
| Iron, pig..... | | 617 | 43 |
| do all other..... | 15 | 12 | 1 |
| Lard and lard oil..... | 22 | 9 | 13 |
| Meat, all kinds..... | 125 | 18 | 13,201 |
| Meats, other than pork..... | 67 | 64 | 1 |
| Marble..... | | 2 | |
| Molasses..... | 28 | 7 | 4 |
| Nails..... | | | |
| Oats..... | | 41 | 4,790 |
| Oil..... | 6 | 28 | 6 |
| Pease..... | 608 | | |
| Pork..... | 936 | 407 | 106 |
| Paint..... | 1 | 1 | |
| Rags..... | | | 13 |
| Salt..... | | 29 | 1 |
| Stone for cutting..... | | 4,314 | |
| do wrought..... | | 103 | 38 |
| Seed, all kinds..... | 33 | 3 | 236 |
| Sugar..... | | | 3 |
| Spirits, beer, &c..... | 8 | 12 | 21 |
| Tobacco, raw..... | 25 | | |
| Tallow..... | 1 | 2 | 1 |
| Wheat..... | 86,815 | 969 | 53,258 |
| Wool..... | | | 1,125 |
| Merchandise not enumerated..... | 100 | 46 | 793 |
| Barrels, empty..... | 6 | 2 | |
| Floats..... | | 20 | |
| Lumber, sawn, in vessels..... | 18,767 | 7,546 | 53,124 |
| Masts, spars, &c..... | | 22 | |
| Staves and headings, barrel..... | | 57 | |
| do do pipe..... | 332 | 339 | |
| do do West India..... | 287 | 444 | |
| Shingles..... | | 12 | 463 |
| Timber, square..... | 16,740 | 44,335 | |
| Woodenware, &c..... | 101 | 45 | 2 |
| Total..... | 244,514 | 118,127 | 234,254 |

A refund of 18 cents per ton was allowed on wheat, corn, oats, pease, barley and rye, passed down to Montreal, per O. C. 21st April, 1886.

U.—COMPARATIVE STATEMENT of the Quantity of Freight passed down the Welland Canal, &c.—*Continued.*

| Articles. | Quantity passed down to Montreal. | Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall. | Quantity passed down to United States Ports. |
|--|-----------------------------------|---|--|
| 1887. | Tons. | Tons. | Tons. |
| Ashes pot and pearl. | 113 | | |
| Apples. | 33 | | 2 |
| Agricultural Products not enumerated, vegetable. | | | 9 |
| Agricultural Implements. | | | |
| Barley. | | | 1,709 |
| Coal. | | 25,908 | 1,163 |
| Corn. | 24,609 | 6,898 | 83,431 |
| Fish. | | | 2 |
| Flour. | 6,140 | | 11,780 |
| Furniture. | 9 | 9 | 24 |
| Horses. | 1 | 1 | 2 |
| Hides, skins, &c. | | | 170 |
| Iron, pig. | | 1,137 | |
| do all other. | | 7 | |
| Lard and lard oil. | | 6 | 14 |
| Meal, all kinds. | 87 | 42 | 10,726 |
| Meats, other than pork. | 29 | 15 | 18 |
| Nails. | 1 | | |
| Oats. | | | 12,050 |
| Oil. | 14 | 190 | 8 |
| Oil cake. | 17 | | |
| Pease. | 362 | | |
| Pork. | 418 | 86 | 108 |
| Stone, for cutting. | | 3,531 | |
| do wrought. | 12 | 543 | |
| Seeds. | | 4 | 44 |
| Sugar. | 15 | | 1 |
| Spirits. | | 99 | 63 |
| Wheat. | 160,063 | 4,940 | 37,678 |
| Wool. | | | 86 |
| All other merchandise not enumerated. | 72 | 123 | 468 |
| Barrels, empty. | 88 | | 24 |
| Lumber, sawn. | 7,001 | 1,816 | 44,733 |
| Staves and headings, barrel. | | 27 | |
| do pipe. | 184 | | |
| do West India. | 131 | 838 | |
| Timber, square. | 14,390 | 21,351 | |
| Woodenware and wood partly manufactured. | 45 | 1 | 2 |
| Total. | 213,834 | 67,632 | 204,315 |

A refund of 18 cents per ton was allowed on wheat, corn, peas, barley and rye, passed down to Montreal, per Order in Council, 28th March, 1887.

U.—COMPARATIVE STATEMENT of the Quantity of Freight passed down the Welland Canal, &c.—*Continued.*

| Articles. | Quantity passed down to Montreal. | Quantity passed down to Canadian Ports, between Port Dalhousie and Cornwall. | | Quantity passed down to United States Ports. |
|---|---|--|---------|---|
| | | Tons. | Tons. | |
| 1888. | | | | |
| Ashes, pot and pearl..... | 85 | 45 | | |
| Apples..... | | | | 2 |
| Barley..... | | | | 4 |
| Cement and water lime..... | | 27,183 | 878 | |
| Coal..... | 66,443 | 25,469 | 102,974 | |
| Corn..... | | 4 | 1 | |
| Crockery and earthenware..... | | | | 8,563 |
| Flour..... | 3,865 | | | 30 |
| Furniture..... | 2 | 1 | | |
| Glass, all kinds..... | 3 | 2 | | |
| Hay (pressed)..... | | | 20 | |
| Horses..... | 2 | | | 39 |
| Hides and skins..... | | | | |
| Iron, pig..... | | 549 | | |
| do all other..... | 418 | 490 | | |
| Lard and lard oil..... | 54 | 12 | 18 | |
| Meal, all kinds..... | 100 | | 11,598 | |
| Meats, other than pork..... | 39 | 6 | 14 | |
| Oats..... | | 3 | | 26,510 |
| Oil..... | | 54 | | |
| Pease..... | | 61 | 19 | |
| Pork..... | 265 | | | |
| Rags..... | | | 14 | |
| Rye..... | | 632 | 179 | |
| Stone (for cutting)..... | | 6,535 | | |
| do wrought..... | | 126 | | |
| Seeds, all kinds..... | 12 | 1 | 48 | |
| Steel..... | | | 3 | |
| Sugar..... | | 2 | 4 | |
| Spirits..... | 3 | 2 | 151 | |
| Tallow..... | | | 1 | |
| Wheat..... | 93,915 | 14,365 | 30,999 | |
| Wool..... | | | 18 | |
| All other goods and merchandise not enumerated..... | 105 | 34 | 1,435 | |
| Barrels (empty)..... | 40 | | 133 | |
| Lumber, sawn..... | 5,174 | 4,515 | 45,818 | |
| Staves and headings, barrel..... | 15 | 7 | | |
| do pipe..... | 124 | | | |
| do West Indies..... | 1,623 | 13 | | |
| do salt barrel..... | 1 | 1 | | 6 |
| Shingles..... | | | | |
| Timber square (in vessels)..... | 11,586 | 33,669 | | |
| Woodenware..... | 25 | | | 8 |
| Total..... | 183,899 | 113,801 | 238,407 | |

A refund of 18c. per ton was allowed on wheat, corn, pease, barley and rye passed down to Montreal, per O.C., 20th April, 1888.

COMPARATIVE Statement of the Quantity of Freight passed down the Welland
Canal, &c.—*Continued.*

| Articles. | Quantity passed down to Montreal. | Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall. | Quantity passed down to United States Ports. |
|----------------------------------|-----------------------------------|---|--|
| 1889. | Tons. | Tons. | Tons. |
| Ashes, pot and pearl..... | 107 | 5 | ..... |
| Coal..... | 195,350 | 25,931 | 1,124 |
| Corn..... | | 11,200 | 147,045 |
| Crockery and earthenware..... | | 1 | 1 |
| Fish..... | | 5 | ..... |
| Flour..... | 6,841 | ..... | 5,017 |
| Furniture..... | | 4 | 30 |
| Horses..... | 2 | ..... | 1 |
| Iron, pig..... | | 613 | ..... |
| do all other..... | | 5 | 520 |
| Lard and lard oil..... |  | ..... | 19 |
| Metal, all kinds..... | 148 | ..... | 17,224 |
| Meats other than pork..... | 32 | 2 | 3 |
| Molasses..... |  | ..... | 88 |
| Oats..... | 320 | ..... | 27,492 |
| Oil, in Barrels..... | 4 | 2 | ..... |
| Oil cake..... | 798 | ..... | ..... |
| Potatoes..... |  | ..... | 1 |
| Pork..... | 1,220 | 114 | 21 |
| Rye..... | 1,284 | 634 | ..... |
| Salt..... | | 316 | ..... |
| Stone, for cutting..... | | 6,784 | ..... |
| do wrought..... | | 11 | 2 |
| do not suitable for cutting..... | | 375 | 1,681 |
| Seeds, all kinds..... | 3 | ..... | 151 |
| Spirits, beer, &c..... | 20 | 8 | 190 |
| Tallow..... |  | ..... | 13 |
| Wheat..... | 70,815 | 7,241 | 39,229 |
| Wood..... |  | ..... | 452 |
| Merchandise..... | 193 | 129 | 1,591 |
| Barrels, empty..... |  | ..... | 173 |
| Lumber, sawn..... | 6,118 | 20,650 | 55,074 |
| Masts, spars, etc..... | | 220 | ..... |
| Railway ties..... | | 852 | ..... |
| Saw logs..... |  | ..... | 158 |
| Staves and headings, barrel..... | | 4 | ..... |
| do pipe..... | 202 | 304 | ..... |
| do West India..... | 68 | 559 | ..... |
| Shingles..... |  | ..... | 51 |
| Split posts, etc..... | | 17 | ..... |
| Timber, square..... | 9,302 | 70,819 | 2 |
| Woodenware, etc..... |  | ..... | ..... |
| Total..... | 292,827 | 146,805 | 297,353 |

A refund of 18 cents per ton was allowed on wheat, corn, peas, barley and rye passed down to Montreal per Order in Council 18th March, 1889.

STATEMENT showing the quantity of freight passed down the Welland Canal to Canadian Ports, &c.—*Continued.*

RECAPITULATION.

| Articles. | Quantity passed to Montreal. | Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall. | Quantity passed down to United States Ports on the South Side of Lake Ontario. |
|--------------------------|------------------------------------|---|--|
| 1883. | Tons. | Tons. | Tons. |
| Barley | 109,191 | 6,815 | 735 |
| Corn | | | 66,128 |
| Oats | | | 731 |
| Rye | 518 | | |
| Wheat | 76,379 | 3,835 | 54,282 |
| Total Grain | 186,088 | 10,650 | 121,876 |
| Other Articles | 19,306 | 173,852 | 53,579 |
| Total | 205,394 | 184,502 | 175,455 |
| 1884. | | | |
| Barley | 38 | 52 | |
| Corn | 55,552 | 9,552 | 53,707 |
| Oats | 872 | | 9,874 |
| Rye | 477 | | |
| Wheat | 84,822 | 2,549 | 40,975 |
| Total Grain | 141,761 | 12,153 | 104,556 |
| Other Articles | 26,954 | 88,272 | 60,987 |
| Total | 168,715 | 100,425 | 165,543 |
| 1885. | | | |
| Barley | 44,401 | 9,906 | 298 |
| Corn | | | 63,229 |
| Oats | | | 882 |
| Pease | 11 | | |
| Rye | 52,157 | 2,003 | 53,235 |
| Wheat | | | |
| Total Grain | 96,569 | 11,909 | 117,574 |
| Other Articles | 36,399 | 113,853 | 55,759 |
| Total | 132,968 | 125,762 | 173,333 |
| 1886. | | | |
| Barley | 116,517 | 8,871 | 93,503 |
| Corn | | 41 | 4,790 |
| Oats | | | |
| Pease | 608 | | |
| Rye | 86,815 | 969 | 53,258 |
| Wheat | | | |
| Total Grain | 203,940 | 9,881 | 151,551 |
| Other Articles | 46,574 | 108,246 | 82,703 |
| Total | 244,514 | 118,127 | 234,254 |

STATEMENT showing the Quantity of Freight passed down the Welland Canal
to Canadian Ports, &c.—*Concluded.*

RECAPITULATION.

| Articles. | Quantity passed down to Montreal. | Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall. | Quantity passed down to United States Ports on the south side of Lake Ontario. |
|---------------------|-----------------------------------|---|--|
| | | | |
| 1887. | Tons. | Tons. | Tons. |
| Barley..... | 24,609 | 6,898 | 1,709 |
| Corn..... | | | 83,431 |
| *Oats..... | | | 12,050 |
| Pease..... | 362 | | |
| Rye..... | 160,063 | 4,940 | 37,678 |
| Wheat..... | | | |
| Total Grain..... | 185,034 | 11,838 | 134,868 |
| Other Articles..... | 28,800 | 55,794 | 69,447 |
| Total..... | 213,834 | 67,632 | 204,315 |
| 1888. | | | |
| Barley..... | 66,443 | 25,469 | 2 |
| Corn..... | | | 102,974 |
| Oats..... | | | 26,510 |
| Pease..... | | 54 | |
| Rye..... | | 632 | 179 |
| Wheat..... | 93,915 | 14,365 | 39,999 |
| Total Grain..... | 160,358 | 40,520 | 169,664 |
| Other Articles..... | 23,541 | 73,281 | 68,803 |
| Total..... | 183,899 | 113,801 | 238,467 |
| 1889. | | | |
| Barley..... | | | |
| Corn..... | 195,350 | 11,200 | 147,045 |
| Oats..... | 320 | | 27,492 |
| Pease..... | | | |
| Rye..... | 1,284 | 634 | |
| Wheat..... | 70,815 | 7,241 | 30,229 |
| Total Grain..... | 267,769 | 19,075 | 213,766 |
| Other Articles..... | 25,158 | 127,730 | 83,587 |
| Total..... | 292,927 | 146,805 | 297,353 |

*There was no refund allowed on Oats for 1887, 1888 and 1889.

+Owing to a break in the Cornwall Canal, 14,921 tons of the above quantity of grain was transhipped to Montreal *via* Canadian Pacific and Grand Trunk Railways, and the refund of 18cts. per ton allowed.

V.—SUMMARY of Quantity of Freight passed down Welland Canal on which full Tolls were paid.

| | Quantity passed down to Canadian Ports : Toronto, Hamilton, Kingston, Cornwall, &c. | Quantity passed down to United States Ports : Oswego, Odgens- burg, &c., on south side of Lake Ontario. |
|---------------------|--|--|
| | Tons. | Tons. |
| | | |
| 1883. | | |
| Grain..... | 10,650 | 121,876 |
| Other Articles..... | 173,852 | 53,579 |
| Total..... | 184,502 | 175,455 |
| 1884. | | |
| Grain..... | 12,153 | 104,556 |
| Other Articles..... | 88,272 | 60,987 |
| Total..... | 100,425 | 165,543 |
| 1885. | | |
| Grain..... | 11,909 | 117,574 |
| Other Articles..... | 113,853 | 55,759 |
| Total..... | 125,762 | 173,333 |
| 1886. | | |
| Grain..... | 9,881 | 151,551 |
| Other Articles..... | 108,246 | 82,703 |
| Total..... | 118,127 | 234,254 |
| 1887. | | |
| Grain..... | 11,838 | 134,868 |
| Other Articles..... | 55,794 | 69,447 |
| Total..... | 67,632 | 204,315 |
| 1888. | | |
| Grain..... | 25,599 | 169,664 |
| Other Articles..... | 73,281 | 68,803 |
| Total..... | 98,880 | 238,467 |
| 1889. | | |
| Grain..... | 19,075 | 213,766 |
| Other Articles..... | 127,739 | 83,587 |
| Total..... | 146,805 | 297,353 |

CANAL

COMPARATIVE Statement for Years ended

| | January. | February. | March. | April. | May. |
|---|----------|-----------|---------|-----------|-----------|
| | \$ cts. | \$ cts. | \$ cts. | \$ cts. | \$ cts. |
| Welland Canal, 1888 | | | | 2,985 47 | 23,903 01 |
| do 1889 | | | | 17,061 73 | 23,791 75 |
| Increase | | | | 14,076 26 | ..... |
| Decrease . . . . . |  |  |  | ..... | 111 26 |
| St. Lawrence Canals, 1888 | | | | 4 00 | 7,463 51 |
| do 1889 | | | | 1,471 78 | 9,134 72 |
| Increase | | | | 1,467 78 | 1,671 21 |
| Decrease . . . . . |  |  |  | ..... | ..... |
| Chambly Canal, 1888 | | | | 2 65 | 2,726 86 |
| do 1889 | | | | 30 46 | 3,550 36 |
| Increase | | | | 27 81 | 823 50 |
| Decrease . . . . . |  |  |  | ..... | ..... |
| Rideau Canal, 1888 | | | | 222 43 | 746 50 |
| do 1889 | | | | 222 43 | 996 75 |
| Increase . . . . . |  |  |  | ..... | ..... |
| Decrease . . . . . |  |  |  | ..... | ..... |
| Ottawa Canals, 1888 | | | | 1,425 13 | 8,902 90 |
| do 1889 | | | | 1,425 13 | 10,071 16 |
| Increase | | | | 1,425 13 | 1,168 26 |
| Decrease . . . . . |  |  |  | ..... | ..... |
| St. Peter's Canal, 1888 | 2 69 | | | 1 84 | 399 77 |
| do 1889 | 1 96 | | 9 98 | 150 50 | 457 71 |
| Increase | 0 73 | | 9 98 | 148 66 | 57 94 |
| Decrease . . . . . | ..... |  | ..... | ..... | ..... |
| Newcastle District Canals, 1888 | | | | | 16 70 |
| do do 1889 | | | | | 21 42 |
| Increase | | | | | 4 72 |
| Decrease . . . . . |  |  |  |  | ..... |
| Total increase | | | 9 98 | 17,368 07 | 3,864 62 |
| Total decrease | 0 73 |  | ..... | ..... | ..... |

Amount refunded on account of reduction of tolls on grain through Welland and St. Lawrence Canals, 1888, \$30,580.02; actual revenue, \$290,853.91.

Amount refunded on account of reduction of tolls on grain through Welland and St. Lawrence Canals, 1889, \$48,725.80; actual revenue, \$332,383.51.

REVENUE.

31st December, 1888 and 1889.

| June. | July. | August. | September. | October. | November. | December. | Total. |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------|--------------------------|
| \$ cts. | \$ cts. | \$ cts. | $ cts. | $ cts. | $ cts. | $ cts. | $ cts. |
| 27,344 25 29,024 36 | 23,199 70 27,981 74 | 28,289 65 38,022 63 | 23,661 07 34,429 54 | 23,033 14 28,047 61 | 14,808 50 20,623 14 | 48 00 486 48 | 167,362 79 219,468 38 |
| 1,680 11 | 4,782 04 | 9,732 38 | 10,708 47 | 5,014 47 | 5,724 64 | 438 48 | 52,165 59 |
| 13,377 08 11,446 53 | 12,986 72 14,280 85 | 12,827 52 12,104 21 | 11,672 21 10,388 30 | 7,251 76 8,578 97 | 5,536 58 5,833 39 | 115 06 54 79 | 71,234 44 73,293 54 |
| 1,930 55 | 1,294 13 | 723 31 | 1,283 91 | 1,327 21 | 296 81 | 69 27 | 2,059 10 |
| 3,651 01 3,784 91 | 3,208 83 3,401 38 | 3,363 56 3,439 48 | 3,950 84 2,414 65 | 3,357 09 2,545 89 | 1,839 38 1,486 99 | ..... ..... | 22,300 22 20,734 12 |
| 133 90 | 192 55 | 124 08 | 1,456 19 | 811 20 | 352 39 | ..... ..... | 1,566 10 |
| 1,228 55 1,176 33 | 1,470 53 1,632 35 | 1,170 41 1,205 14 | 855 50 884 41 | 856 70 729 51 | 301 17 327 61 | 1 24 1 24 | 6,719 36 7,239 77 |
| 52 22 | 161 82 | 124 73 | 2 91 | 127 19 | 63 56 | 1 24 | 520 41 |
| 9,329 10 9,019 91 | 8,172 58 8,849 94 | 7,645 65 9,180 84 | 5,701 02 7,275 21 | 5,705 01 6,864 20 | 3,826 10 3,275 16 | 73 07 73 07 | 51,355 43 56,961 55 |
| 306 19 | 677 36 | 1,585 19 | 1,574 19 | 159 19 | 560 94 | 73 07 | 5,006 12 |
| 90 08 | 138 43 | 94 95 | 124 54 | 35 15 | 43 24 | 27 14 | 715 10 |
| 265 92 356 00 | 194 67 333 10 | 317 14 412 09 | 313 81 438 35 | 345 20 380 35 | 263 09 306 84 | 199 93 72 79 | 2,204 57 2,919 67 |
| 9 12 | 33 57 | 57 60 | 54 89 | 61 64 | 24 86 | ..... ..... | 235 16 |
| 389 99 | 7,279 90 | 10,687 46 | 9,784 90 | 5,659 27 | 5,122 66 | 270 24 | 51,675 38 |

| | |
|-------------------------------|--------------|
| Total for Year 1888 | \$321,423.93 |
| Total for Year 1889 | 381,169.31 |

COMPARATIVE STATEMENT showing the Quantities of Vegetable Food and Lamber passed through the Canals during the Years ended 31st December, 1888 and 1889.

| | VEGETABLE FOOD. | | | | | | | | Lumber. | Total. |
|--------------------------------|-----------------|---------|---------|---------|--------|-------|------------|--------|---------|---------|
| | Flour. | Wheat. | Corn. | Barley. | Oats. | Rye. | All other. | | | |
| | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | Tons. | | |
| Welland Canal, 1888..... | 16,983 | 160,963 | 194,886 | 5,906 | 26,629 | 811 | 13,608 | 59,604 | 479,390 | |
| do 1889..... | 7,931 | 126,664 | 353,595 | 4,272 | 28,356 | 2,673 | 18,552 | 84,868 | 626,911 | |
| Increase..... | | | 158,709 | | 1,727 | 1,862 | 4,944 | 25,264 | 147,521 | |
| Decrease..... | | | 9,052 | 34,299 | 1,634 | | | | | |
| St. Lawrence Canals, 1888..... | 9,830 | 117,766 | 82,194 | 1,563 | 1,743 | | 22,975 | 61,166 | 297,237 | |
| do 1889..... | 8,324 | 99,045 | 201,563 | 2,811 | 1,703 | 1,292 | 22,844 | 60,896 | 398,478 | |
| Increase..... | | | 119,369 | 1,248 | | 1,292 | | | 101,241 | |
| Decrease..... | | | 1,506 | 18,721 | | 40 | | 131 | 270 | |
| Chambly Canal, 1888..... | 377 | | | 373 | 1,050 | 9 | 901 | 91,874 | 94,584 | |
| do 1889..... | 252 | | 3 | 1,078 | 1,370 | | 433 | 81,665 | 84,801 | |
| Increase..... | | | 3 | | 765 | 320 | | 468 | 10,209 | 9,783 |
| Decrease..... | | | 125 | | | | | | | |
| Rideau Canal, 1888..... | 432 | 326 | 92 | 275 | 17 | 15 | 229 | 59,780 | 61,166 | |
| do 1889..... | 366 | 311 | 52 | 270 | 13 | 23 | 210 | 59,803 | 61,048 | |
| Increase..... | | | | | | 8 | | | 23 | |
| Decrease..... | | | 66 | 15 | 40 | 5 | 4 | 19 | | 118 |
| Ottawa Canals, 1888..... | 23 | 40 | | 471 | 1,088 | | 2 | 1,902 | 533,206 | 536,732 |
| do 1889..... | 19 | 70 | 2 | 390 | 855 | | 1 | 1,699 | 614,851 | 617,887 |

| | | | | | | | | | |
|--------------------------------------|--------|--------|---------|-----|-------|-------|-------|--------|-----------|
| Increase..... | 4 | 30 | 2 | 81 | 233 | 1 | 203 | 81,645 | 81,155 |
| Decrease..... | | | | | | | | | |
| St. Peter's Canal, 1888..... | 2,206 | | | | | | | 4,126 | 6,332 |
| do 1889..... | 1,505 | | | | | | | 7,126 | 8,631 |
| Increase..... | | | | | | | | 3,000 | 2,299 |
| Decrease..... | 701 | | | | | | | | |
| Newcastle District Canals, 1888..... | | | | | | | | 434 | 434 |
| do 1889..... | | | | | | | | 835 | 835 |
| Increase..... | | | | | | | | 401 | 401 |
| Decrease..... | | | | | | | | | |
| Total Increase..... | 11,454 | 53,002 | 278,040 | 233 | 1,770 | 3,152 | 4,123 | 99,854 | 322,716 |
| Total Decrease..... | | | | | | | | | |
| Total for 1888..... | | | | | | | | | 1,475,875 |
| Total for 1889..... | | | | | | | | | 1,798,591 |

19b—43

SUPPLEMENTARY APPENDIX A.

No. (A) 5.—GENERAL STATEMENT showing the Quantity of each Article transported on the Welland Canal, and the Amount of Revenue collected during the Season of Navigation in 1889.

| Articles, | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Tolls. \$ cts. | |
|--|--|-------|---|-------|--|---------|---|---------|---------|---------|----------------|-----------------------------------|-----------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | | |
| Ashes, Pot and Pearl... | | 2 | | | | | | | 110 | | 112 | 112 | 22 40 |
| Apples | 20 | 699 | | 4 | | | | | 24 | 699 | 723 | 723 | 20 75 |
| Agricultural products not enumerated, Vegetable | | | | | 420 | | | | | | 420 | 420 | 21 00 |
| Agricultural products not enumerated, Animal | | | | | | | | | | | | | |
| Agricultural Implements | | | | | | | | | | | | | |
| Barley | | | 4,075 | | 197 | | | | 4,075 | | 197 | 4,272 | 616 17 |
| Bricks | 20 | | | | 4 | | | | 20 | | 4 | 24 | 2 03 |
| Bones | | | | | | | | | | | | | |
| Brimstone | | | | | | | | | | | | | |
| Cement and Water Lime | 1 | 6 | | | 49 | | | | 50 | 6 | 56 | 56 | 7 63 |
| Clay, Lime and Sand | 1 | 364 | 200 | | | | | | 201 | 364 | 565 | 565 | 65 03 |
| Coal | | 435 | | | 226,352 | 1,124 | 14,463 | 25,931 | 240,815 | 27,490 | 268,305 | 268,305 | 53,181 95 |
| Corn | | | | | | 147,045 | | 206,550 | | 353,595 | 353,595 | 70,719 00 | |
| Cattle | | | | | | | | | | | | | |
| Cotton (Raw) | | | | | | | | | | | | | |
| Crockery and Earthenware | 5 | 1 | | | | | 1 | | | 5 | 2 | 7 | 0 50 |
| Dye Wood and Dye Stuffs | | | | | | | | | | | | | |
| Fish | | | 5 | 9 | | 156 | | | 165 | 5 | 170 | 170 | 25 75 |
| Flax and Hemp | | | | | | | | | | | | | |
| Flour | 9 | 2,019 | | | | | 5,017 | | 886 | 9 | 7,922 | 7,931 | 1,231 63 |
| Furniture | 1 | | 9 | | | 1 | 30 | | 4 | 11 | 34 | 45 | 8 48 |
| Gypsum | | | | | 623 | | | | | | 623 | 623 | 7 79 |
| Glass (all kinds) | 1 | | 1 | | | | | | | 2 | | 2 | 0 30 |
| Hay (Pressed) | | | | | | | | | | | | | |
| Hogs | | | | | | | | | | | | | |
| Horses | | | 2 | | | | 1 | | 2 | 2 | 3 | 5 | 0 90 |
| Hides and Skins, Horns and Hoofs | 18 | | | | | | | | 18 | | 18 | 18 | 1 80 |
| Ice | | | | | | | | | | | | | |
| Live, Railway | 3 | | 44 | | | | | | 47 | | 47 | 47 | 7 05 |

| | | | | | | | | | | | | |
|---|-------|--------|-------|--------|--------|-------|--------|--------|---------|---------|--------|----|
| " Pig | | 14 | | | | 613 | 14 | 613 | 627 | 124 | 70 | |
| " all other | 81 | 184 | 1,067 | 520 | | | 1,332 | 520 | 1,852 | 303 | 41 | |
| Iron ore | | 1,221 | 1,204 | | | 2,425 | | | 2,425 | 121 | 25 | |
| Kryolite Chemical Ore and other Ore, except Iron | | 10 | | | | | 10 | 10 | | 0 | 50 | |
| Lard and Lard Oil | | | | 19 | | 5 | 24 | 24 | 24 | 4 | 80 | |
| Meat, all kinds | 15 | | | 17,224 | | 139 | 15 | 17,363 | 17,378 | 3,473 | 73 | |
| Meats, other than Pork | | | | 3 | | 34 | 37 | 37 | 37 | 7 | 40 | |
| Marble | | | 4,455 | | | 4,455 | | | 4,455 | 668 | 25 | |
| Manilla | | | 8 | | | 8 | | | 8 | 1 | 20 | |
| Molasses | 2 | | 340 | 88 | | 342 | 88 | 430 | 430 | 68 | 90 | |
| Nails | 128 | 14 | | | | 142 | | 142 | 142 | 13 | 72 | |
| Oats | | 544 | | 27,492 | | 320 | | 28,356 | 28,356 | 5,668 | 23 | |
| Oil, in barrels | 5 | 2 | | | 156 | 20 | 161 | 22 | 183 | 6 | 05 | |
| Oil Cake | | | | | | 798 | | 798 | 798 | 159 | 60 | |
| Pease | 240 | | 210 | | | 240 | | 210 | 450 | 25 | 50 | |
| Potatoes | | | | 1 | | 1,334 | | 1,355 | 1,355 | 271 | 00 | |
| Pork | | | 21 | | | 134 | | 134 | 134 | 19 | 58 | |
| Paint | 4 | 1 | 129 | | | 40 | | 40 | 40 | 6 | 00 | |
| Pitch and Tar | | 40 | | | | | | | | | | |
| Rags | | | | | | | | | | | | |
| Rye | 460 | 295 | | | | 1,918 | 755 | 1,918 | 2,673 | 496 | 85 | |
| Rosin | | | | | | | | | | | | |
| Salt | 19 | 315 | 23 | 896 | | 1 | 938 | 316 | 1,254 | 198 | 69 | |
| Stone intended for cutting " wrought | | | | | 2 | 6,784 | | 6,784 | 6,784 | 1,356 | 80 | |
| " not suitable for cutting, unwrought. | 886 | | | 7,107 | 1,681 | 11 | 7,993 | 2,056 | 10,049 | 969 | 87 | |
| Seeds, all kinds | | | | | 151 | 3 | | 154 | 154 | 30 | 80 | |
| Sheep | | | | | | | | | | | | |
| Soda Ash | | | 3 | | | | 3 | | 3 | 0 | 45 | |
| Steel | | | | | | | | | | | | |
| Sugar | 155 | | 797 | | | 952 | | 952 | | 123 | 71 | |
| Spirits, Beer, etc. | 5 | 7 | 3 | 190 | | 36 | 8 | 233 | 241 | 46 | 48 | |
| Tobacco, raw | | | | 61 | 13 | | 61 | 13 | 74 | 11 | 75 | |
| Tallow | | | 125 | | | | | 125 | 125 | 18 | 75 | |
| Tin | | | | | | | | | | | | |
| Turpentine | | | | | | | | | | | | |
| Wheat | 4,290 | 13,363 | | | 39,229 | 1,876 | 67,906 | 6,166 | 120,498 | 126,664 | 24,173 | 92 |
| White Lead | | | | | | | | 153 | | 153 | 22 | 95 |
| Whiting | | | | | 16 | 452 | | 16 | 452 | 468 | 92 | 80 |
| Wool | | | | | | | | | | | | |
| All other Goods and Merchandise, not enumerated | 685 | 423 | 77 | 23,386 | 1,591 | | 208 | 24,148 | 2,222 | 26,370 | 3,947 | 75 |
| Bark | | | | | | | | | | | | |
| Barrels, Empty | | | 10 | 110 | 8 | 173 | | 18 | 283 | 301 | 37 | 88 |
| Boat Knees | | | | | | | | | | | | |
| Floats | | | | | | | | | | | | |
| Firewood, in Vessels, | | | | | | | | 3,960 | 11,148 | 15,108 | 644 | 83 |
| " Rafts | | | | | | | | | | | | |
| Hoops | | | | | | | | | | | | |

SUPPLEMENTARY APPENDIX A.—*Continued.*

No. (A) 5.—GENERAL STATEMENT showing the Quantity of each Article transported on the Welland Canal, &c.—*Continued.*

| Articles. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Tolls. |
|---|----------------------------------|--------|---------------------------------------|--------|--|---------|---------------------------------------|---------|---------|---------|-------------|------------------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | |
| Hop Poles | | | | | | | | | | | | \$ cts. |
| Lumber, sawn, in Vessels | 979 | 4,200 | | 15,981 | | 55,074 | | 8,632 | 979 | 83,887 | 84,866 | 14,932 20 |
| “ Rafts | | | | 2 | | | | | 2 | | 2 | 0 22 |
| Masts, Spars and Telegraph poles, in Vessels | | 215 | | | | | | | | 215 | 215 | 32 25 |
| Masts, Spars and Telegraph poles, in Rafts | 5 | 5 | | | | | | | 5 | 5 | 10 | 1 25 |
| Railway Ties, in Vessels | | 145 | 22 | | | | | 757 | 22 | 902 | 924 | 143 18 |
| “ Rafts | | | | | | | | | | | | 4 |
| Saw Logs | 239 | 2,111 | | 2,587 | | 158 | 7 | | 246 | 4,856 | 5,102 | 215 88 |
| Staves and Headings, barrel | | | | | | | | | 4 | | 4 | 0 46 |
| “ “ Pipe | | | | | | | | | 506 | | 506 | 94 49 |
| “ “ West India | | | | | | | | | 627 | | 627 | 117 16 |
| Staves, salt barrel | | | | | | | | | | 52 | 52 | 36 27 |
| Shingles | | | | 1 | | 51 | | | | | 17 | 6 36 |
| Split Posts and Fence Rails, in Vessels | | 17 | | | | | | | | | 17 | |
| “ “ Rafts | | | | | | | | | | | | |
| Timber square, in Vessels | | 21,321 | | 240 | | | | 55,640 | | 77,201 | 77,201 | 11,578 88 |
| “ Rafts | | | | 6 | | | | 2,920 | | 2,926 | 2,926 | 657 09 |
| Traverses | | | | | | | | | | | | |
| Woodenware and Wood partly manufactured | | | | | 43 | 2 | | | | 43 | 2 | 45 18 00 |
| Total Freight paying Tolls | 11,937 | 57,357 | 6,673 | 20,381 | 266,231 | 207,353 | 16,502 | 383,074 | 301,343 | 758,165 | 1,059,508 | 196,894 75 |
| <i>Free Articles having paid full Tolls on the St. Lawrence Canals.</i> | | | | | | | | | | | | |
| Agricultural Products, not enumerated, vegetable | | | | 19 | | | | | 19 | | 19 | |
| Bricks | 9 | | | 75 | | | | | 84 | | 84 | |
| Cement and Water Lime | 9 | | | 814 | | | | | 823 | | 823 | |
| Clay, Lime and Sand | 3 | | | | | | | | 3 | | 3 | |

| | | | | | | | | | | | | |
|---|--------|--------|--------|--------|---------|---------|--------|---------|---------|---------|-----------|--------|
| Crockery and Earthenware. | | 112 | | | | | | | | 112 | | 112 |
| Fish. | | 80 | | | | | | | | 80 | | 80 |
| Furniture. | | | | | | | | | | | | |
| Glass, all kinds. | 1 | 70 | | | | | | | | 71 | | 71 |
| Horses. | 1 | 1 | | | | | | | | 2 | | 2 |
| Iron, railway. | 14,784 | 729 | | | | | | | | 15,513 | | 15,513 |
| do pig. | 78 | 172 | | | | | | | | 250 | | 250 |
| do all other. | 54 | 236 | | | | | | | | 290 | | 290 |
| Molasses. | | 56 | | | | | | | | 56 | | 56 |
| Nails. | 268 | 468 | | | | | | | | 736 | | 736 |
| Oil, in Barrels. | 4 | 5 | | | | | | | | 9 | | 9 |
| Paint. | 20 | 29 | | | | | | | | 49 | | 49 |
| Salt. | 65 | 4,151 | | | | | | | | 4,216 | | 4,216 |
| Seeds, all kinds. | | 215 | | | | | | | | 215 | | 215 |
| Soda Ash. | | 766 | | | | | | | | 766 | | 766 |
| Steel. | | 3 | | | | | | | | 3 | | 3 |
| Sugar. | 4 | 3 | | | | | | | | 7 | | 7 |
| Spirits, Beer, &c. | 12 | 112 | | | | | | | | 124 | | 124 |
| Tin. | 57 | 423 | | | | | | | | 480 | | 480 |
| Turpentine. | 1 | | | | | | | | | 1 | | 1 |
| White Lead. | 2 | 2 | | | | | | | | 4 | | 4 |
| Whiting. | 21 | 12 | | | | | | | | 33 | | 33 |
| All other Merchandise, not enumerated. | 262 | 1,160 | | | | | | | | 1,422 | | 1,422 |
| Barrels, Empty. | | 2 | | | | | | | | 2 | | 2 |
| Timber passed Free from Welland to Port Robinson. | | 395 | | | | | | | | 395 | | 395 |
| Grand Total, Freight. | 27,592 | 57,752 | 16,388 | 20,381 | 266,231 | 297,353 | 16,502 | 383,074 | 326,713 | 758,560 | 1,085,273 | |

| | |
|--|--------------|
| Total Tolls on Vessels. | 18,647 35 |
| " " Passengers. | 143 78 |
| " " Free Goods. | \$3,824 40 |
| " Fines. | 3,327 71 |
| " Damages. | 450 79 |
| " Other Receipts. | 4 00 |
| Total Revenue, exclusive of Hydraulic Rents. | \$219,468 38 |

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 19th May, 1890.

B. H. TEAKLES.
Chief Clerk Canals Revenue.

SUPPLEMENTARY APPENDIX A.—*Continued.*

No. (A) 6.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the Welland Canal, and the Amount of Tolls collected during the Season of Navigation in 1889.

| Articles. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Tolls. | | Total Amount of Tolls. |
|---|----------------------------------|-------|---------------------------------------|-------|--|-------|---------------------------------------|-------|-------|-------|-------------|------------------|-------|------------------------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | Up. | Down. | |
| Ashes, Pot and Pearl | | 2 | | | | | | | | | | | | |
| Apples | | | | 4 | | | | | | | 110 | | 4 | 112 |
| Agricultural Products not enumerated, Vegetable | | | | | | | | | | | | | | |
| Agricultural Products not enumerated, Animal | | | | | | | | | | | | | | |
| Agricultural Implements | | | | | | | | | | | | | | |
| Barley | | | | | 4,075 | | | | | | | | | |
| Bricks | | | | | | | | | | | | | | |
| Bones | | | | | | | | | | | | | | |
| Brimstone | | | | | | | | | | | | | | |
| Cement and Water Lime | | | | | | | | | | | | | | |
| Clay, Lime and Sand | | | | | | | | | | | | | | |
| Coal | | | | | | | | | | | | | | |
| Corn | | | | | | | | | | | | | | |
| Cattle | | | | | | | | | | | | | | |
| Cotton, Raw | | | | | | | | | | | | | | |
| Crockery and Earthenware | | | | | | | | | | | | | | |
| Dye Wood and Dye Stuffs | | | | | | | | | | | | | | |
| Fish | | | | | | | | | | | | | | |
| Flax and Hemp | | | | | | | | | | | | | | |
| Flour | | 2 | | | | | | | | | | | | |
| Furniture | | | | | | | | | | | | | | |
| Gypsum | | | | | | | | | | | | | | |
| Glass, all kinds | | 1 | | | | | | | | | | | | |
| Hay, Pressed | | | | | | | | | | | | | | |
| Hogs | | | | | | | | | | | | | | |
| Horses | | 2 | | | | | | | | | | | | |
| Hides and Skins, Horns and Hoofs | | | | | | | | | | | | | | |

| | | | | | | | | | | | |
|--|--------|-----|-------|-------|--------|-------|--------|-------|---------|----------|----------|
| Ice. | | | | | | 47 | | 47 | 7 05 | | 7 05 |
| Iron, Railway. | 3 | | 44 | | | | 613 | 14 | 613 | 627 | 2 10 |
| " Pig. | | | 14 | | | | | | 2 10 | 122 60 | 124 70 |
| " all other. | 78 | | 184 | 1,067 | 520 | | 1,329 | 520 | 1,849 | 199 35 | 104 00 |
| Iron Ore. | | | 1,221 | | 1,204 | | 2,425 | | 2,425 | 121 25 | |
| Kryolite Chemical Ore and other Ore except Iron. | 10 | | | | | | | 10 | 10 | | 0 50 |
| Lard and Lard Oil. | | | | | 19 | | 5 | 24 | 24 | | 4 80 |
| Meal, all kinds. | | | | | 17,224 | | 139 | | 17,363 | 17,363 | |
| Meats, other than Pork. | | | | | | 3 | 34 | | 37 | | 7 40 |
| Marble. | | | | | 4,455 | | | 4,455 | | 4,455 | 668 25 |
| Manilla. | | | | | | 8 | | 8 | 8 | | 1 20 |
| Molasses. | 2 | | | | 340 | 88 | | 342 | 88 | 430 | 51 30 |
| Nails. | 70 | | 14 | | | | | 84 | 84 | 12 60 | |
| Oats. | | | | | 27,492 | | 320 | | 27,812 | 27,812 | |
| Oil (in Barrels). | 1 | | | | | | 5 | 6 | 6 | | 1 20 |
| Oil Cake. | | | | | | | 798 | | 798 | | 159 60 |
| Pease. | | | | | | | | | | | 159 60 |
| Potatoes. | | | | | | 1 | | 1 | 1 | | 0 20 |
| Pork. | | | | | | 21 | | 1,334 | | 1,335 | |
| Paint. | 1 | | | | 129 | | | 130 | | 130 | |
| Pitch and Tar. | 40 | | | | | | | 40 | | 40 | |
| Rags. | | | | | | | | | | | 6 00 |
| Rye. | 460 | | 295 | | | | | 1,918 | 755 | 1,918 | 2,073 |
| Rosin. | | | | | | | | | 113 25 | 113 25 | 383 60 |
| Salt. | 315 | | | | 896 | | | 1 | 896 | 316 | 1,212 |
| Stone intended for Cutting. | | | | | | | | 6,784 | | 6,784 | 134 40 |
| " wrought. | | | | | | 2 | | 11 | | 13 | 63 20 |
| " not suitable for Cutting, unwrought. | | | | | 7,107 | 1,681 | | 375 | 7,107 | 2,056 | 1,356 80 |
| Seeds, all kinds. | | | | | | 151 | | 3 | 154 | 154 | 197 60 |
| Sheep. | | | | | | | | | | | |
| Soda Ash. | | | | | | 3 | | | 3 | 0 45 | |
| Steel. | | | | | | | | | | | 0 45 |
| Sugar. | 9 | | | | 797 | | | | 806 | | 120 90 |
| Spirits, Beer, &c. | 5 | 5 | 3 | | | 190 | | 23 | 8 | 218 | 226 |
| Tobacco (Raw). | | | | | | | | | 1 20 | | 43 60 |
| Tallow. | | | | | | 61 | 13 | | 74 | 9 15 | 2 60 |
| Tin. | | | | | | | | | 125 | 125 | 11 75 |
| Turpentine. | | | | | | | | | | | 18 75 |
| Wheat. | 12,490 | | | | 39,229 | | 65,566 | | 117,285 | 117,285 | |
| White Lead. | | | | | | 153 | | | 153 | | 22 95 |
| Whiting. | | | | | | 16 | 452 | | 452 | 468 | 2 40 |
| Wool. | | | | | | | | | | 90 40 | 92 80 |
| All other Goods and Merchandise, not enumerated. | 171 | 114 | 73 | | 23,386 | 1,591 | | 208 | 23,630 | 1,913 | 25,543 |
| Bark. | | | | | | | | | 25,543 | 3,544 50 | 382 60 |
| Barrels, Empty. | | | | | | 8 | 173 | | 181 | 1 56 | 33 34 |
| Boat Knees. | | | | | | | | | | | 34 90 |
| Fleats. | | | | | | | | | | | |

SUPPLEMENTARY APPENDIX A—*Concluded.*

No. (A) 6.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported, &c.—*Concluded.*

| Articles. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Tolls. | | Total Amount of Tolls. | |
|--|----------------------------------|--------|---------------------------------------|--------|--|---------|---------------------------------------|---------|---------|---------|-------------|------------------|------------|------------------------|-----------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | Up. | Down. | | |
| Fire Wood, in Vessels. | | | 300 | | | | | | 300 | | 300 | \$ cts. | \$ cts. | \$ cts. | |
| Lumber, sawn, in Vessels. | 2,155 | | 15,981 | | 55,074 | | 8,632 | | 81,842 | | 81,842 | 20 00 | | 20 00 | |
| Masts, Spars, and Telegraph Poles, in Vessels. | 215 | | | | | | | | 215 | | 215 | 32 25 | | 32 25 | |
| Masts, Spars, and Telegraph Poles, in Rafts. | 5 | | | | | | | 757 | | 852 | 5 | 5 | 1 00 | 1 00 | |
| Railway Ties, in Vessels. | 95 | | | | | | | | 852 | | 852 | 135 99 | | 135 99 | |
| " " Rafts. | | | | | | | | | | | | | | | |
| Saw Logs. | | | | | | | 158 | | | 158 | | 158 | 14 40 | | 14 40 |
| Staves and Headings, barrel. | | | | | | | | | 4 | | 4 | 0 46 | | 0 46 | |
| " " pipe. | | | | | | | | | 506 | | 506 | 94 49 | | 94 49 | |
| Staves and Headings, West India. | | | | | | | | | 627 | | 627 | 627 | | 117 16 | |
| Staves, salt barrel. | | | | | | | | | | | | | | 117 16 | |
| Shingles. | | | | | | | 51 | | | 51 | | 51 | 36 12 | | 36 12 |
| Split Posts and Fence Rails, in Vessels. | 17 | | | | | | | | | | | 17 | 17 | 6 36 | 6 36 |
| Split Posts and Fence Rails, in Rafts. | | | | | | | | | | | | | | | |
| Timber square, in Vessels. | 21,321 | | 240 | | | | | | 55,640 | | 77,201 | 77,201 | | 11,578 88 | 11,578 88 |
| " Rafts. | | | | | | | | | 2,920 | | 2,920 | 2,920 | | 656 65 | 656 65 |
| Traverses. | | | | | | | | | | | | | | | |
| Woodenware and Wood partly manufactured. | | | | | | | 43 | 2 | | 43 | 2 | 45 | 17 20 | 0 80 | 18 00 |
| Total Freight paying Tolls. | 801 | 36,751 | 6,614 | 16,221 | 266,231 | 297,353 | 12,036 | 380,706 | 285,682 | 731,031 | 1,016,713 | 54,159 76 | 140,513 89 | 194,673 65 | |
| <i>Free Articles having paid full Tolls on the St. Lawrence Canals:—</i> | | | | | | | | | | | | | | | |
| Agricultural products not enumerated, Vegetable. | | | | | | | 19 | | | 19 | | 19 | | | |

| | | | | | | | | | | | |
|---|---------------|---------------|---------------|---------------|----------------|----------------|---------------|----------------|----------------|----------------|------------------|
| Bricks. | 9 | 75 | | | | 84 | 84 | | | | |
| Cement, and Water Lime. | 9 | 814 | | | | 823 | 823 | | | | |
| Clay, Lime and Sand. | 3 | | | | | 3 | 3 | | | | |
| Crockery and Earthenware. | | 112 | | | | 112 | 112 | | | | |
| Cattle. | | | | | | | | | | | |
| Fish. | | 80 | | | | 80 | 80 | | | | |
| Furniture. | | | | | | | | | | | |
| Glass, all kinds. | 1 | 70 | | | | 71 | 71 | | | | |
| Horses. | 1 | 1 | | | | 2 | 2 | | | | |
| Iron, Railway. | 14,784 | 729 | | | | 15,513 | 15,513 | | | | |
| " Pig. | 78 | 172 | | | | 250 | 250 | | | | |
| " All other. | 54 | 236 | | | | 290 | 290 | | | | |
| Molasses. | | 56 | | | | 56 | 56 | | | | |
| Nails. | 268 | 468 | | | | 736 | 736 | | | | |
| Oil, in Barrels. | 4 | 5 | | | | 9 | 9 | | | | |
| Paint. | 20 | 29 | | | | 49 | 49 | | | | |
| Salt. | 65 | 4,151 | | | | 4,216 | 4,216 | | | | |
| Seeds, all kinds. | | 215 | | | | 215 | 215 | | | | |
| Soda Ash. | | 766 | | | | 766 | 766 | | | | |
| Steel. | | 3 | | | | 3 | 3 | | | | |
| Sugar. | 4 | 3 | | | | 7 | 7 | | | | |
| Spirits, Beer, etc. | 12 | 112 | | | | 124 | 124 | | | | |
| Tin. | 57 | 423 | | | | 480 | 480 | | | | |
| Turpentine. | 1 | | | | | 1 | 1 | | | | |
| White Lead. | 2 | 2 | | | | 4 | 4 | | | | |
| Whiting. | 21 | 12 | | | | 33 | 33 | | | | |
| All other Merchandise, not enumerated. | 262 | 1,160 | | | | 1,422 | 1,422 | | | | |
| Barrels, Empty. | | 2 | | | | 2 | 2 | | | | |
| Grand Total, Freight. | 16,456 | 36,751 | 16,329 | 16,221 | 266,231 | 297,353 | 12,036 | 380,706 | 311,052 | 731,031 | 1,042,083 |

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| | | | |
|-------------------------------------|---------------|----------------|----------------|
| Total Through Tolls on Vessels..... | 8,714 97 | 9,085 58 | 17,800 55 |
| " " Passengers..... | 40 80 | 54 35 | 95 15 |
| " " Free Goods..... | \$3,805 52 | | |
| Total Through Tolls..... | 62,915 53 | 149,653 82 | 212,569 35 |

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 19th May, 1890.

B. H. TEAKLES,
Chief Clerk Canals Revenue.

SUPPLEMENTARY APPENDIX A—*Continued.*

No. (A) 7.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported on the Welland Canal, and the Amount of Tolls collected during the Season of Navigation, in 1889.

| Articles. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Tolls. \$ ets. |
|---|--|-------|---|-------|--|-------|---|-------|-------|-------|----------------|-----------------------------------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | |
| Ashes, Pot and Pearl | | | | | | | | | | | | |
| Apples | 20 | 699 | | | | | | | 20 | 699 | 719 | 20 15 |
| Agricultural Products, not enumerated, Vegetable | | | | | 420 | | | | | | 420 | 420 21 00 |
| Agricultural Products, not enumerated, Animal | | | | | | | | | | | | |
| Agricultural Implements | | | | | | | | | | | | |
| Barley | | | | | 197 | | | | | | 197 | 197 4 92 |
| Bricks | 20 | | | | 4 | | | | 20 | 4 | 24 | 2 03 |
| Bones | | | | | | | | | | | | |
| Brimstone | | | | | | | | | | | | |
| Cement and Water Lime | 1 | 6 | | | | | | | 1 | 6 | 7 | 0 28 |
| Clay, Lime and Sand | 1 | 364 | | | | | | | 1 | 364 | 365 | 35 03 |
| Coal | | | 435 | | | | | 2,427 | 2,427 | 435 | 2,862 | 93 35 |
| Corn | | | | | | | | | | | | |
| Cattle | | | | | | | | | | | | |
| Cotton, Raw | | | | | | | | | | | | |
| Crockery and Earthenware | 5 | | | | | | | | 5 | | 5 | 0 10 |
| Dye Wood and Dye Stuffs | | | | | | | | | | | | |
| Fish | | | | | | | | | | | | |
| Flax and Hemp | 7 | 2,019 | | | | | | | 7 | 2,019 | 2,026 | 50 73 |
| Flour | 1 | | | | | | | | 1 | | 1 | 0 18 |
| Furniture | | | | | 623 | | | | | | 623 | 623 7 79 |
| Gypsum | | | | | | | | | | | | |
| Glass, all kinds | | | | | | | | | | | | |
| Hay, Pressed | | | | | | | | | | | | |
| Hogs | | | | | | | | | | | | |
| Horses | | | | | | | | | | | | |
| Hides and Skins, Horns and Hoofs | 18 | | | | | | | | 18 | | 18 | 1 80 |
| Ice | | | | | | | | | | | | |
| Iron, Railway | | | | | | | | | | | | |

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 7.—GENERAL STATEMENT showing the Quantity of each Article transported on the Welland Canal, &c.—Concluded.

| ARTICLES. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Tolls. \$ cts. |
|---|--|--------|---|-------|--|-------|---|-------|--------|--------|----------------|---------------------------------------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | |
| Hop Poles..... | | | | | | | | | | | | |
| Lumber, sawn, in Vessels..... | 979 | 2,045 | | | | | | | 979 | 2,045 | 3,024 | 210 61 |
| “ “ Rafts | | | | 2 | | | | | | 2 | 2 | 0 22 |
| Masts, Spars and Telegraph Poles, in Rafts..... | 5 | | | | | | | | 5 | | 5 | 0 25 |
| Railway Ties, in Vessels..... | 50 | 22 | | | | | | | 22 | 50 | 72 | 7 19 |
| “ “ Rafts..... | | | | | | | | | | | | |
| Saw Logs..... | 239 | 2,111 | | 2,587 | | | 7 | | 246 | 4,698 | 4,944 | 201 48 |
| Shingles..... | | | | 1 | | | | | | 1 | 1 | 0 15 |
| Timber square, in Rafts | | | | 6 | | | | | | 6 | 6 | 0 44 |
| Traverses..... | | | | | | | | | | | | |
| Woodenware and Wood partly manufac- tured..... | | | | | | | | | | | | |
| Total Freight paying Tolls..... | 11,136 | 20,606 | 59 | 4,160 | | | 4,466 | 2,368 | 15,661 | 27,134 | 42,795 | 2,221 10 |
| Timber passed Free from Welland to Port Robinson | | 395 | | | | | | | | 395 | 395 | |
| Grand Total Freight..... | 11,136 | 21,001 | 59 | 4,160 | | | 4,466 | 2,368 | 15,661 | 27,529 | 43,190 | |
| Total Way Tolls on Vessels..... | | | | | | | | | | | | 846 80 |
| “ “ Passengers..... | | | | | | | | | | | | 48 63 |
| “ “ Free Goods..... | | | | | | | | | | | | 818 88 |
| Total Way Tolls..... | | | | | | | | | | | | 3,116 53 |

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 19th May, 1890.

B. H. TEAKLES,
Chief Clerk Canals Revenue.

SUPPLEMENTARY APPENDIX A.—*Continued.*

No. (A) 8.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Lawrence Canals, and the Amount of Revenue collected during the Season of Navigation in 1889.

| Articles. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Toll. \$ ets |
|--|--|--------|---|-------|--|-------|---|--------|--------|---------|----------------|---------------------------------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | |
| Ashes, Pot and Pearl..... | | 88 | | | 26 | | | | 26 | 88 | 114 | 20 20 |
| Apples..... | 15 | 2,536 | | | | | 1 | | 15 | 2,537 | 2,552 | 372 65 |
| Agricultural products not enumerated, Vegetable..... | 264 | 85 | 19 | | | | 33 | | 316 | 85 | 401 | 52 42 |
| " " Animal..... | 53 | 924 | | | | | | | 53 | 924 | 977 | 135 57 |
| Agricultural Implements..... | 92 | 26 | | | | | | | 92 | 26 | 118 | 18 12 |
| Barley..... | 1,312 | 1,496 | | | | | 3 | | 1,315 | 1,496 | 2,811 | 56 93 |
| Bricks..... | 8,169 | 169 | 68 | | | | 472 | | 8,709 | 169 | 8,878 | 367 90 |
| Bones..... | 24 | 94 | | | 329 | | | | 24 | 423 | 447 | 59 59 |
| Brimstone..... | | | | | | | 30 | | 30 | | 30 | 1 13 |
| Cement and Water Lime..... | 4,826 | 132 | 734 | | | | | | 5,560 | 132 | 5,692 | 614 63 |
| Clay, Lime and Sand..... | 18,540 | 3,588 | | | | | 4,762 | | 23,302 | 3,588 | 26,890 | 1,071 43 |
| Coal..... | | 53,063 | | | 20 | 1,171 | | 92,640 | 20 | 146,904 | 146,924 | 20,141 85 |
| Corn..... | 23 | 2,678 | | | | 40 | | 56 | 23 | 2,774 | 2,797 | 58 59 |
| Cattle..... | 37 | 358 | | 9 | | | | | 37 | 367 | 404 | 32 07 |
| Cotton, Raw..... | | | | | | | | | | | | |
| Crockery and Earthenware..... | 128 | 16 | 111 | | | | 2 | 2 | 241 | 18 | 259 | 49 66 |
| Dye Wood and Dye Stuffs..... | 40 | 20 | | | | | 106 | | 146 | 20 | 166 | 11 87 |
| Fish..... | 594 | 200 | 72 | | 8 | | | | 674 | 200 | 874 | 79 72 |
| Flax and Hemp..... | | | | | | | | | | | | |
| Flour..... | 668 | 549 | | | 12 | 113 | | 1 | 680 | 603 | 1,343 | 115 69 |
| Furniture..... | 144 | 381 | | | | | | | 144 | 381 | 525 | 96 75 |
| Gypsum..... | 2,440 | 363 | | | | | | | 2,440 | 363 | 2,803 | 55 07 |
| Glass, all kinds..... | 375 | 35 | 8 | | 2 | | 12 | 2 | 307 | 37 | 434 | 81 14 |
| Hay, Pressed..... | 1,113 | 610 | | | 81 | | | | 1,194 | 610 | 1,804 | 88 31 |
| Hogs..... | 1 | 17 | | | | | | | 1 | 17 | 18 | 2 59 |
| Horses..... | 115 | 249 | 1 | | 1 | | | | 117 | 249 | 366 | 26 69 |
| Hides and Skins, Horns and Hoofs..... | 1 | 23 | 1 | | | | | 3 | 2 | 26 | 28 | 4 00 |
| Ice..... | | | | | | | | | | | | |
| Iron, Railway..... | 15,814 | 160 | 534 | | | | | | 16,348 | 160 | 16,508 | 2,408 55 |
| " Pig..... | 4,945 | 40 | 172 | | | | 10 | 140 | 5,257 | 50 | 5,307 | 762 86 |
| " all other..... | 17,448 | 1,334 | 220 | | 9 | | | | 17,677 | 1,362 | 19,039 | 945 49 |

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 8.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Lawrence Canals, &c.—Con.

| Articles, | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Toll. \$ ets. |
|---|--|--------|---|-------|--|-------|---|-------|-------|--------|----------------|----------------------------------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | |
| Iron Ore..... | | | | | | | | | | | 2,568 | 128 40 |
| Kryolite Chemical Ore and other Ore, except Iron..... | | 2,568 | | | | | | | | | 2,568 | 128 40 |
| Lard and Lard Oil..... | 31 | 8 | | | | | | | | | 31 | 4 36 |
| Meal, all kinds..... | 51 | 823 | | | | | | | | | 51 | 56 78 |
| Meats, other than Pork..... | 11 | 29 | | | | | | | | | 11 | 3 31 |
| Marble..... | 12 | | | | | | 27 | | 39 | | 39 | 3 73 |
| Manilla..... | | 1 | | | | | | | | 1 | 1 | 0 05 |
| Molasses..... | 393 | 25 | 56 | | | | 2,586 | | 3,035 | 25 | 3,060 | 207 20 |
| Nails..... | 2,408 | 538 | 291 | | | | | | 2,609 | 538 | 3,237 | 552 69 |
| Oats..... | 586 | 782 | 5 | | 5 | | | | 596 | 787 | 1,383 | 67 79 |
| Oil, in Barrels..... | 725 | 235 | 25 | 2 | 14 | 92 | 445 | 68 | 1,209 | 397 | 1,606 | 192 29 |
| Oil Cake..... | 15 | | | | | | | | 15 | | 15 | 1 44 |
| Pease..... | 892 | 18,170 | | | | | | | 892 | 18,170 | 19,062 | 385 21 |
| Potatoes..... | 25 | 182 | | | | | | | 1 | 183 | 208 | 16 04 |
| Pork..... | 207 | 276 | | | | | | | 12 | 207 | 288 | 495 38 56 |
| Paint..... | 157 | 172 | 23 | | | | 15 | | 195 | 172 | 367 | 51 02 |
| Pitch and Tar..... | 118 | 119 | | | | | 1,159 | | 1,277 | 119 | 1,396 | 97 24 |
| Rags..... | 154 | 29 | | | | | | | 154 | 29 | 183 | 21 20 |
| Rye..... | | 8 | | | | | | | | 8 | 8 | 1 20 |
| Rosin..... | 36 | 69 | | | | | 1,303 | | 1,339 | 69 | 1,408 | 74 57 |
| Salt..... | 3,946 | 16 | 3,879 | | 16 | | | | 7,825 | 32 | 7,857 | 1,049 47 |
| Stone intended for Cutting..... | 2,237 | 5,575 | | | | | 3,014 | | 5,251 | 5,575 | 10,826 | 722 97 |
| " wrought..... | 205 | 52 | | | | | | | 205 | 52 | 257 | 23 60 |
| " not suitable for Cutting, unwrought..... | 1,176 | 1,221 | | | | | | | 1,176 | 1,221 | 2,397 | 90 30 |
| Seeds, all kinds..... | 9,156 | 1,240 | 215 | | | | | | 9,371 | 1,243 | 10,614 | 445 78 |
| Sheep..... | 3 | 129 | | | | | | | 3 | 129 | 132 | 11 49 |
| Soda Ash..... | 733 | 40 | 771 | | | | | | 1,504 | 40 | 1,544 | 297 58 |
| Steel..... | 346 | 2 | 3 | | | | | | 349 | 2 | 351 | 53 81 |
| Sugar..... | 2,819 | 14 | 3 | | | | 2,584 | | 5,406 | 14 | 5,420 | 643 87 |
| Spirits, Beer, &c..... | 483 | 404 | 111 | | | | | 11 | 594 | 415 | 1,009 | 184 44 |
| Tobacco, Raw..... | | 1 | | | | | | 2 | | 3 | 3 | 0 45 |

| | | | | | | | | | | | | |
|--|---------|---------|--------|-----|-----|-------|--------|--------|---------|---------|----------|-----------|
| Tallow | 38 | | | | | | 100 | | 138 | | 138 | 9 36 |
| Tin | 332 | 91 | 423 | | | | | 755 | 91 | 846 | 154 72 | |
| Turpentine | 23 | 9 | | | | | 203 | 226 | 9 | 235 | 15 05 | |
| Wheat | 24,880 | 3,319 | 1 | | | | 1 | 24,880 | 3,320 | 28,200 | 588 91 | |
| White Lead | 99 | 2 | 1 | | | | | 100 | 2 | 102 | 19 90 | |
| Whiting | 435 | 12 | | | | | | 435 | 12 | 447 | 87 18 | |
| Wool | 8 | 2 | | | | | | 8 | 2 | 10 | 0 94 | |
| All other Goods and Merchandise not enumerated | 6,982 | 2,638 | 981 | | 737 | 563 | 65 | 8,700 | 3,266 | 11,966 | 1,850 36 | |
| Barrels, Empty | 96 | 76 | 47 | | 69 | 9 | 9 | 212 | 94 | 306 | 38 16 | |
| Floats | 640 | 5,208 | | | | | | 610 | 5,208 | 5,818 | 101 99 | |
| Fire Wood, in Vessels | 3,009 | 7,215 | 600 | | | | | 3,609 | 7,215 | 10,824 | 280 98 | |
| " " Rafts | 6 | | | | | | | 6 | | 6 | 0 25 | |
| Hoops | | | | | 9 | | | 9 | | 9 | 0 90 | |
| Lumber, sawn, in Vessels | 22,589 | 29,685 | 614 | 360 | | 824 | | 23,203 | 30,809 | 54,072 | 1,852 66 | |
| " " Rafts | | 205 | | | | | | | 205 | 205 | 8 37 | |
| Masts, Spars and Telegraph Poles, in Vessels | 17,936 | | | | | | | | 17,936 | 17,936 | 448 40 | |
| " " " Rafts | 6,046 | | | | | | | | 6,046 | 6,046 | 151 15 | |
| Railway Ties, in Vessels | 988 | | | 256 | | | | 1,244 | | 1,244 | 24 89 | |
| Saw Logs | | 19,491 | | | | | | 19,491 | 19,491 | 19,491 | 445 46 | |
| Staves and Headings, Barrel | | 22 | | | | | | | 22 | 22 | 3 30 | |
| " " " West India | 186 | | | | | | | | 186 | 186 | 6 99 | |
| Staves, Salt Barrel | | 10 | | | | | | | 10 | 10 | 0 80 | |
| Shingles | 27 | 63 | 16 | | | | | 43 | 63 | 106 | 29 68 | |
| Split Posts and Fence Rails, in Vessels | 1 | | 10 | | | | | 11 | | 11 | 1 10 | |
| Timber, square, in Vessels | 492 | 2,098 | | | | | | 492 | 2,098 | 2,590 | 39 97 | |
| " " Rafts | 2,302 | 6,246 | | | | | | 2,302 | 6,246 | 8,548 | 230 70 | |
| Traverses | | 12,508 | | | | | | | 12,508 | 12,508 | 32 55 | |
| Woodenware and Wood partly manufactured | 84 | 102 | | | | | 1 | 84 | 103 | 187 | 44 40 | |
| Total Freight paying Tolls | 167,107 | 215,162 | 10,270 | 700 | 993 | 2,838 | 16,996 | 92,911 | 195,366 | 311,611 | 506,977 | 39,627 43 |

Free Articles having paid full Tolls on the Welland Canal—

| | | | | | | | | | | | |
|----------------------------|---------|-----|--|--|--|--|-----|---------|---------|--------|--|
| Ashes | 107 | | | | | | | | 107 | 107 | |
| Corn | 199,767 | | | | | | | 199,767 | 199,767 | | |
| Cement and Water Lime | 29 | | | | | | | | 29 | 29 | |
| Flour | 6,981 | | | | | | | | 6,981 | 6,981 | |
| Horses | 2 | | | | | | | | 2 | 2 | |
| Meal all kinds | 148 | | | | | | | | 148 | 148 | |
| Meats, other than Pork | 32 | | | | | | | | 32 | 32 | |
| Oats | 320 | | | | | | | | 320 | 320 | |
| Oil | 4 | | | | | | | | 4 | 4 | |
| Oil cake | 798 | | | | | | | | 798 | 798 | |
| Pork | 1,177 | | | | | | 43 | | 1,220 | 1,220 | |
| Rye | 1,284 | | | | | | | | 1,284 | 1,284 | |
| Seeds, all kinds | 3 | | | | | | | | 3 | 3 | |
| Stone Wrought | 2,561 | | | | | | | | 2,561 | 2,561 | |
| Wheat | 70,540 | | | | | | 305 | | 70,845 | 70,845 | |
| Whiskey and other Spirits | 20 | | | | | | | | 20 | 20 | |
| Merchandise not enumerated | 25 | 193 | | | | | | 25 | 193 | 218 | |

SUPPLEMENTARY APPENDIX A.—Concluded.

No. (A) 8.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Lawrence Canals, etc.—*Con.*

| Articles. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Toll. \$ cts. |
|---|--|---------|---|-------|--|-------|---|--------|---------|---------|----------------|----------------------------------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | |
| Lumber in Vessels | 151 | 3,628 | | | | | | | 2,420 | 151 | 6,048 | 6,199 |
| " Rafts | | 237 | | | | | | | | | 237 | 237 |
| Stoves Pipe | | 202 | | | | | | | | | 202 | 202 |
| " West India | | 68 | | | | | | | | | 68 | 68 |
| Timber, Square in Rafts | | 9,302 | | | | | | | | | 9,302 | 9,302 |
| Woodenware | | | | | | | | | | | | |
| Coal, free per Order in Council | 54,304 | | 119 | | | | 47,537 | | 101,960 | | 101,960 | |
| Clay, Lime and Sand, free per Order in Council | 589 | 129 | | | | | 80 | | 669 | 129 | 798 | |
| Stone for Cutting | 200 | | | | | | | | | 200 | | 200 |
| " unwrought not suitable for cutting, free per Order in Council | | 9,000 | | | | | | | | 9,000 | 9,000 | |
| Floats, free per Order in Council | 580 | | | | | | | | | 580 | | 580 |
| Kryolite, free, having paid full tolls on Rideau Canal | | 10 | | | | | | | | 10 | | 10 |
| Grand Total, Freight | 222,956 | 521,704 | 10,389 | 700 | 993 | 2,838 | 64,613 | 95,679 | 298,951 | 620,921 | 919,872 | |
| Total Tolls on Vessels | | | | | | | | | | | | 15,824 69 |
| " Passengers | | | | | | | | | | | | 2,502 85 |
| " Free Goods | | | | | | | | | | | | \$14,550 25 |
| Fines and Damages | | | | | | | | | | | | 175 00 |
| Wharfage and Storage | | | | | | | | | | | | 5,606 69 |
| Other Receipts | | | | | | | | | | | | 9,556 88 |
| Total Revenue Exclusive of Hydraulic Rents | | | | | | | | | | | | 73,293 54 |

B. H. TEAKLES,

Chief Clerk Canals Revenue.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, MAY 19TH 1890.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 9.—GENERAL STATEMENT showing the Quantity of each Article of through freight transported on the St. Lawrence Canals, and the Amount of Tolls collected during the Season of Navigation in 1889.

No. (A) 9.—GENERAL STATEMENT showing the Quantity of Each Article Transported, &c.—Continued.

| Articles. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Tolls Up. | Amount of Tolls Down. | Total Amount of Tolls. | |
|---|--|-------|---|-------|--|-------|---|-------|--------|-------|----------------|---------------------------|--------------------------------|------------------------------|--------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | | | | |
| Ice. | | | | | | | | | | | | | | | |
| Iron, Railway. | 15,345 | | 534 | | | | | | 15,879 | | 15,879 | 2,381 85 | | 2,381 85 | |
| " Pig. | 4,721 | | 172 | | | | | | 4,893 | | 4,893 | 733 95 | | 733 95 | |
| " all other. | 1,468 | 29 | 220 | | | | | | 1,688 | 29 | 1,717 | 253 20 | 4 35 | 257 55 | |
| " Ore. | | | | | | | | | | | | | | | |
| Kryolite, Chemical Ore and other Ore, except Iron. | | 2,566 | | | | | | | | 2,566 | 2,566 | | 128 30 | 128 30 | |
| Lard and Lard Oil. | 5 | 7 | | | | | | | 5 | 7 | 12 | 0 75 | 1 05 | 1 80 | |
| Meat, all kinds. | 1 | 176 | | | | | | | 1 | 176 | 177 | 0 15 | 26 40 | 26 55 | |
| Meats, other than Pork. | 1 | 9 | | | | | | | 1 | 9 | 10 | 0 15 | 1 35 | 1 50 | |
| Marble. | 10 | | | | | | | | 10 | | 10 | 2 00 | | 2 00 | |
| Manilla. | | | | | | | | | | | | | | | |
| Molasses. | 120 | | 56 | | | | | | 176 | | 176 | 35 20 | | 35 20 | |
| Nails. | 1,960 | 7 | 291 | | | | | | 2,251 | 7 | 2,258 | 450 20 | 1 40 | 451 60 | |
| Oats. | | | 25 | | | | | | | 25 | 25 | | 3 36 | 3 36 | |
| Oil, in barrels. | 370 | 150 | 3 | | | | | | 373 | 150 | 523 | 74 60 | 30 00 | 164 60 | |
| Oil Cake. | | | | | | | | | | | | | | | |
| Pease. | | 3,183 | | | | | | | 3,183 | 3,183 | | 66 91 | 66 91 | | |
| Potatoes. | | 17 | | | | | | | | 17 | 17 | | 2 55 | 2 55 | |
| Pork. | | 55 | | | | | | | | 58 | 58 | | 8 70 | 8 70 | |
| Paint. | 142 | 43 | 23 | | | | | | 165 | 43 | 208 | 33 00 | 8 60 | 41 60 | |
| Pitch and Tar. | 101 | 67 | | | | | | | 101 | 67 | 168 | 20 20 | 13 40 | 33 60 | |
| Rags. | | 5 | 24 | | | | | | 5 | 24 | 29 | 1 00 | 4 80 | 5 80 | |
| Rye. | | 8 | | | | | | | | 8 | 8 | | 1 20 | 1 20 | |
| Rosin. | 21 | | | | | | | | 21 | | 21 | 4 20 | | 4 20 | |
| Salt. | 1,842 | | 3,878 | | | | | | 5,720 | | 5,720 | 858 00 | | 858 00 | |
| Stone intended for Cutting. | 9 | 1,374 | | | | | | | | 9 | 1,374 | 1,383 | 1 35 | 206 10 | 207 45 |
| " wrought. | 17 | 59 | | | | | | | 17 | 59 | 67 | 3 49 | 10 00 | 13 40 | |
| " not suitable for Cutting, unwrought. | | 672 | | | | | | | | 672 | 672 | | 55 80 | 55 80 | |
| Seeds, all kinds. | 192 | 10 | 215 | | | | | | 407 | 10 | 417 | 61 05 | 1 50 | 62 55 | |
| Sheep. | | | 19 | | | | | | | 19 | 19 | | 2 85 | 2 85 | |
| Soda Ash. | 670 | | 771 | | | | | | 1,441 | | 1,441 | 288 20 | | 288 20 | |
| Steel. | 332 | | 3 | | | | | | 335 | | 335 | 51 65 | | 51 65 | |
| Sugar. | 2,079 | 13 | 3 | | | | | | 2,082 | 13 | 2,005 | 416 40 | 2 60 | 419 00 | |

| | | | | | | | | | | | | | |
|--|--------|---------|-------|---|---|-----|-----|--------|--------|---------|---------|----------|-----------|
| Spirits, Beer, &c. | 209 | 393 | 111 | | | | 7 | 320 | 400 | 720 | 64 00 | 80 00 | 144 00 |
| Tobacco, Raw | | 1 | | | | | 2 | | 3 | 3 | | 0 45 | 0 45 |
| Tallow | 36 | | | | | | | 36 | | 36 | 5 40 | | 5 40 |
| Tin | 274 | 8 | 423 | | | | | 697 | 8 | 705 | 139 40 | 1 60 | 141 00 |
| Turpentine | 22 | | | | | | | 22 | | 22 | 4 40 | | 4 40 |
| Wheat | 190 | 618 | | | | | | 190 | 618 | 808 | 28 50 | 12 49 | 40 99 |
| White Lead | 88 | | 1 | | | | | 89 | | 89 | 17 80 | | 17 80 |
| Whiting | 411 | | | | | | | 411 | | 411 | 82 20 | | 82 20 |
| Wool | 3 | 2 | | | | | | 3 | 2 | 5 | 0 45 | 0 30 | 0 75 |
| All other Goods and Merchandise not enumerated | 4,006 | 1,782 | 971 | | | | 59 | 4,977 | 1,841 | 6,818 | 995 40 | 368 20 | 1,363 60 |
| Bark | | | | | | | | | | | | | |
| Barrels, Empty | 60 | 61 | 6 | | | | | 66 | 61 | 127 | 11 82 | 12 08 | 23 90 |
| Boat Knees | | | | | | | | | | | | | |
| Floats | | | | | | | | | | | | | |
| Fire Wood, in Vessels | | 1,089 | | | | | | | | | | | |
| " Rafts | | | | | | | | | | | | | |
| Hoops | | | | | | | | | | | | | |
| Hop Poles | | | | | | | | | | | | | |
| Lumber, Sawn, in Vessels | 9 | 5,108 | | | | | 824 | | | 9 | 5,932 | 5,941 | 0 75 |
| " " Rafts | | | | | | | | | | | | | |
| Masts, Spars, and Telegraph Poles, in Vessels | | | | | | | | | | | | | |
| Staves and Headings, Barrel | | 22 | | | | | | | | 22 | 22 | | 3 30 |
| " " Pipe | | | | | | | | | | | | | |
| " " W. India | | | | | | | | | | | | | |
| Staves, Salt Barrel | | 10 | | | | | | | | 10 | 10 | | 0 80 |
| Shingles | | | 16 | | | | | | | 16 | 16 | 10 98 | 10 98 |
| Split Posts and Fence Rails, in Vessels | | | | | | | | | | | | | |
| Split Posts and Fence Rails, in Rafts | | | | | | | | | | | | | |
| Timber, Square, in Vessels | 92 | | | | | | | | | 92 | | 4 60 | |
| " " Rafts | | | | | | | | | | | | | 4 60 |
| Traverses | | | | | | | | | | | | | |
| Woodenware and Wood partly manufactured | 61 | 17 | | | | | | 1 | 61 | 18 | 79 | 24 40 | 7 20 |
| Total Freight paying Tolls. | 37,660 | 75,403 | 8,711 | 9 | 8 | 824 | | 74,857 | 46,379 | 151,093 | 197,472 | 7,660 20 | 21,147 46 |
| <i>Free Articles having paid Full Tolls on the Welland Canal.—</i> | | | | | | | | | | | | | |
| Ashes | | 107 | | | | | | | | | 107 | 107 | |
| Corn | | 195,350 | | | | | | | | 195,350 | 195,350 | | |
| Flour | | 6,841 | | | | | | | | 6,841 | 6,841 | | |
| Horses | | 2 | | | | | | | | 2 | 2 | | |
| Meals, all kinds | | 148 | | | | | | | | 148 | 148 | | |
| Meats, other than Pork | | 32 | | | | | | | | 42 | 32 | | |
| Oats | | 320 | | | | | | | | 320 | 320 | | |

No. (A) 9.—GENERAL STATEMENT showing the Quantity of each Article of through freight transported, &c.—*Concluded.*

| Articles. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Tolls, Up. | Amount of Tolls, Down. | Total Amount of Tolls. | |
|---|----------------------------------|---------|---------------------------------------|-------|--|-------|---------------------------------------|-------|--------|--------|-------------|----------------------|------------------------|------------------------|-----------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | | | | |
| Oil | | 4 | | | | | | | | | 4 | 4 | | | |
| Oil Cake | | 798 | | | | | | | | | 798 | 798 | | | |
| Pork | | 1,177 | | | | | | | | | 1,220 | 1,220 | | | |
| Rye | | 1,284 | | | | | | | | | 1,284 | 1,284 | | | |
| Seeds, all kinds | | 3 | | | | | | | | | 3 | 3 | | | |
| Spirits, Beer, &c | | 20 | | | | | | | | | 20 | 20 | | | |
| Wheat | | 70,510 | | | | | | | | | 70,815 | 70,815 | | | |
| Merchandise, not enumerated | | 193 | | | | | | | | | 193 | 193 | | | |
| Lumber, Sawn, in Vessels | | 3,461 | | | | | | | | | 2,420 | 5,881 | 5,881 | | |
| “ Rafts | | 237 | | | | | | | | | | 237 | 237 | | |
| Staves and Headings, Pipes | | 202 | | | | | | | | | | 202 | 202 | | |
| “ “ W. India | | 68 | | | | | | | | | | 68 | 68 | | |
| Lumber, Square, in Rafts | | 9,302 | | | | | | | | | | 9,302 | 9,302 | | |
| Coal, Free, per Order in Council | 5,349 | | 11 | | | | | | | | 5,360 | | 5,360 | | |
| Kryolite, Free, having paid full Tolls on Rideau Canal | | 10 | | | | | | | | | | 10 | 10 | | |
| Freight—Grand Total | 43,009 | 365,472 | 8,722 | 9 | 8 | 824 | | | 77,625 | 51,739 | 443,930 | 495,669 | | | |
| Total Through Tolls on Vessels | | | | | | | | | | | | 4,957 98 | 4,740 71 | 9,698 69 | |
| “ “ Passengers | | | | | | | | | | | | 257 40 | 1,386 95 | 1,644 35 | |
| “ “ Free Goods | | | | | | | | | | | | \$9,071 34 | | | |
| Total Through Tolls | | | | | | | | | | | | | 12,875 58 | 27,275 12 | 40,150 70 |

B. H. TEAKLES,
Chief Clerk Canals Revenue.

INLAND REVENUE DEPARTMENT,
OTTAWA, 19th May, 1890.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 10.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported on the St. Lawrence Canals, and the Amount of Tolls collected during the Season of Navigation in 1889.

| Articles. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Toll. \$ cts. |
|--|----------------------------------|-------|---------------------------------------|-------|--|-------|---------------------------------------|--------|--------|--------|-------------|----------------------------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | |
| | | | | | | | | | | | | |
| Ashes, Pot and Pearl..... | | 8 | | | 26 | | | | 26 | 8 | 34 | 4 20 |
| Apples..... | 15 | 83 | | | | | 1 | | 15 | 84 | 99 | 4 70 |
| Agricultural Products, not enumerated, Vegetable..... | 6 | 40 | | | | | 33 | | 39 | 40 | 79 | 4 12 |
| “ “ “ Animal..... | 50 | 131 | | | | | | | 50 | 131 | 181 | 16 17 |
| Agricultural Implements..... | 92 | 6 | | | | | | | 92 | 6 | 98 | 14 12 |
| Barley..... | 1,312 | 366 | | | | | 3 | | 1,315 | 366 | 1,681 | 34 33 |
| Bricks..... | 8,019 | 169 | | | | | 472 | | 8,491 | 169 | 8,660 | 335 20 |
| Bones..... | 24 | 8 | | 329 | | | | | 24 | 337 | 361 | 46 69 |
| Brimstone..... | | | | | | | 30 | | 30 | | 30 | 1 13 |
| Cement and Water Lime..... | 3,174 | 127 | | | | | | | 3,174 | 127 | 3,301 | 255 98 |
| Clay, Lime and Sand..... | 18,510 | 3,257 | | | | | 4,762 | | 23,272 | 3,257 | 26,520 | 1,017 28 |
| Coal..... | | 3,581 | | | 20 | 1,171 | | 17,862 | 20 | 22,614 | 22,634 | 1,536 95 |
| Corn..... | 23 | 187 | | | | 40 | | 56 | 23 | 283 | 306 | 8 77 |
| Cattle..... | 37 | 320 | | | | | | | 37 | 320 | 357 | 25 02 |
| Crockery and Earthenware..... | 76 | | | | | | 2 | | 78 | | 78 | 13 46 |
| Dye Wood and Dye Stuffs..... | 27 | 20 | | | | | 106 | | 133 | 20 | 153 | 9 27 |
| Fish..... | 355 | 183 | | | | | | | 355 | 183 | 538 | 29 32 |
| Flour..... | 668 | 221 | | | 12 | 113 | | 1 | 680 | 335 | 1,015 | 66 49 |
| Furniture..... | 108 | 21 | | | | | | | 108 | 21 | 129 | 17 55 |
| Gypsum..... | 2,440 | 363 | | | | | | | 2,440 | 363 | 2,803 | 55 07 |
| Glass, all kinds..... | 33 | 21 | | | 2 | | 12 | | 47 | 21 | 68 | 7 94 |
| Hay, Pressed..... | 1,113 | 610 | | | | 81 | | | 1,194 | 610 | 1,804 | 88 31 |
| Hogs..... | 1 | | | | | | | | 1 | | 1 | 0 04 |
| Horses..... | 102 | 218 | | | | 1 | | | 103 | 218 | 321 | 19 94 |
| Hides and Skins, Horns and Hoofs..... | 1 | 2 | | | | | | | 1 | 2 | 3 | 0 25 |
| Iron, Railway..... | 469 | 160 | | | | | | | 469 | 160 | 629 | 26 70 |
| “ Pig..... | 224 | 40 | | | | | 10 | 140 | 364 | 50 | 414 | 28 91 |
| “ all other..... | 15,980 | 1,305 | | | 9 | | | | 15,989 | 1,333 | 17,322 | 687 94 |
| Kryolite, Chemical Ore and other Ore, except Iron..... | | 2 | | | | | | | | 2 | 2 | 0 10 |
| Lard and Lard Oil..... | 26 | 1 | | | | | | | 26 | 1 | 27 | 2 56 |

No. (A) 10.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported, &c.—Concluded.

| Articles. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Toll. |
|---|--|--------|---|-------|--|-------|---|-------|--------|--------|----------------|-----------------------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | |
| Meal, all kinds. | 50 | 647 | | | | | | | 50 | 647 | 697 | \$ 30 23 |
| Meats, other than Pork. | 10 | 20 | | | | | | | 10 | 20 | 30 | 1 81 |
| Marble. | 2 | | | | | | 27 | | 29 | | 29 | 1 73 |
| Manilla. | | 1 | | | | | | | | 1 | 1 | 0 05 |
| Molasses. | 273 | 25 | | | | | 2,586 | | 2,859 | 25 | 2,884 | 172 00 |
| Nails. | 448 | 531 | | | | | | | 448 | 531 | 979 | 101 09 |
| Oats. | 586 | 757 | 5 | 5 | | | | 5 | 596 | 762 | 1,358 | 64 43 |
| Oil, in barrels. | 355 | 85 | 22 | 2 | 14 | 92 | 445 | 68 | 836 | 247 | 1,083 | 87 69 |
| Oil Cake. | 15 | | | | | | | | 15 | | 15 | 1 44 |
| Pease. | 892 | 14,987 | | | | | | | 892 | 14,987 | 15,879 | 318 30 |
| Potatoes. | 25 | 165 | | | | | | | 1 | 166 | 191 | 13 49 |
| Pork. | 207 | 221 | | | | | | 9 | 207 | 230 | 437 | 29 86 |
| Paint. | 15 | 129 | | | | | 15 | | 30 | 129 | 159 | 9 42 |
| Pitch and Tar. | 17 | 52 | | | | | 1,159 | | 1,176 | 52 | 1,228 | 63 64 |
| Rags. | 149 | 5 | | | | | | | 149 | 5 | 154 | 15 40 |
| Rosin. | 15 | 69 | | | | | 1,303 | | 1,318 | 69 | 1,387 | 70 37 |
| Salt. | 2,104 | 16 | 1 | | | | 16 | | 2,105 | 32 | 2,137 | 191 47 |
| Stone, intended for Cutting. | 2,228 | 4,201 | | | | | 3,014 | | 5,242 | 4,201 | 9,443 | 515 52 |
| “ wrought. | 188 | 2 | | | | | | | 188 | 2 | 190 | 10 20 |
| “ not suitable for Cutting, unwrought. | 1,176 | 549 | | | | | | | | | | |
| Seeds, all kinds. | 8,964 | 1,230 | | | | | | 3 | 8,964 | 1,233 | 10,197 | 383 23 |
| Sleep. | 3 | 110 | | | | | | | 3 | 110 | 113 | 8 64 |
| Soda Ash. | 63 | 40 | | | | | | | 63 | 40 | 103 | 9 38 |
| Steel. | 14 | 2 | | | | | | | 14 | 2 | 16 | 2 16 |
| Sugar. | 740 | 1 | | | | | 2,584 | | 3,324 | 1 | 3,325 | 224 87 |
| Spirits, Beer, &c. | 274 | 11 | | | | | | 4 | 274 | 15 | 289 | 40 44 |
| Tallow. | 2 | | | | | | 100 | | 102 | | 102 | 3 96 |
| Tin. | 58 | 83 | | | | | | | 58 | 83 | 141 | 13 72 |
| Turpentine. | 1 | 9 | | | | | 203 | | 204 | 9 | 213 | 10 65 |
| Wheat. | 24,690 | 2,701 | | | | | | 1 | 24,690 | 2,702 | 27,392 | 547 92 |
| White Lead. | 11 | 2 | | | | | | | 11 | 2 | 13 | 2 10 |
| Whiting. | 24 | 12 | | | | | | | 24 | 12 | 36 | 4 98 |
| Wool. | 5 | | | | | | | | 5 | | 5 | 0 19 |
| All other Goods and Merchandise not enumerated. | 2,976 | 856 | 10 | | 737 | 563 | | 6 | 3,723 | 1,425 | 5,148 | 486 76 |

| | | | | | | | | | | |
|---|---------|---------|-------|-----|-----|-------|--------|--------|---------|----------|
| Barrels, Empty..... | 36 | 15 | 41 | 69 | 9 | 9 | 146 | 33 | 179 | 14 26 |
| Floats..... | 610 | 5,208 | | | | | 610 | 5,208 | 5,818 | 101 99 |
| Fire Wood, in Vessels..... | 3,009 | 6,126 | 600 | | | | 3,609 | 6,126 | 9,735 | 211 63 |
| " Rafts..... | | 6 | | | | | 6 | | 6 | 25 |
| Hoops..... | | | | | | | 9 | | 9 | 90 |
| Lumber, Sawn, in Vessels..... | 22,580 | 24,577 | 614 | 360 | 9 | | 23,194 | 24,937 | 48,131 | 1,244 11 |
| " Rafts..... | | 205 | | | | | | 205 | 205 | 8 37 |
| Masts, Spars, and Telegraph Poles, in Vessels..... | 17,936 | | | | | | 17,936 | 17,936 | 448 40 | |
| " Rafts..... | 6,046 | | | | | | 6,046 | 6,046 | 151 15 | |
| Railway Ties, in Vessels..... | 988 | | 256 | | | | 1,244 | | 1,244 | 24 89 |
| Saw Logs..... | | 19,491 | | | | | 19,491 | 19,491 | 445 46 | |
| Staves, West India..... | | 186 | | | | | | 186 | 186 | 6 99 |
| Shingles..... | 27 | 63 | | | | | 27 | 63 | 90 | 18 70 |
| Split Posts and Fence Rails, in Vessels..... | 1 | | 10 | | | | 11 | | 11 | 1 10 |
| Timber, Square, in Vessels..... | 400 | 2,098 | | | | | 400 | 2,098 | 2,498 | 35 37 |
| " Rafts..... | 2,302 | 6,246 | | | | | 2,302 | 6,246 | 8,548 | 230 70 |
| Traverses..... | | 12,508 | | | | | | 12,508 | 12,508 | 32 55 |
| Woodenware and Wood partly manufactured..... | 23 | 85 | | | | | 23 | 85 | 108 | 12 80 |
| Total Freight paying Tolls..... | 129,447 | 139,759 | 1,559 | 691 | 985 | 2,014 | 16,996 | 18,054 | 148,987 | 160,518 |
| Coal, Free, per Order in Council..... | 48,955 | | 108 | | | | 47,537 | | 96,600 | |
| Corn, Free, having paid full Toll on Welland Canal..... | | 4,417 | | | | | | | 4,417 | 4,417 |
| Wheat..... | | 30 | | | | | | | 30 | 30 |
| Flour..... | | 140 | | | | | | | 140 | 140 |
| Stone, Unwrought, Free, per Order in Council..... | | 9,000 | | | | | | | 9,000 | 9,000 |
| do for cutting..... | 200 | | | | | | | 200 | | 200 |
| Lumber..... | 151 | 167 | | | | | | 151 | 167 | 318 |
| Cement and Water Lime..... | | 29 | | | | | | | 29 | 29 |
| Clay, Lime and Sand..... | 589 | 129 | | | | | 80 | | 669 | 129 |
| Merchandise..... | 25 | | | | | | | | 25 | 25 |
| Stone, Wrought..... | | 2,561 | | | | | | | 2,561 | 2,561 |
| Floats..... | 580 | | | | | | | | 580 | 580 |
| Grand Total, Freight..... | 179,947 | 156,232 | 1,667 | 691 | 985 | 2,014 | 64,613 | 18,054 | 247,212 | 176,991 |
| | | | | | | | | | | 424,203 |

| | | |
|---------------------------------|--|------------|
| Total Way Tolls on Vessels..... | | 6,126 00 |
| " " Passengers..... | | 858 50 |
| " " Free Goods..... | | \$5,478 91 |
| Total Way Tolls..... | | 17,804 27 |

B. H. TEAKLES,

Chief Clerk Canals Revenue.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 19th May, 1890.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 11.—GENERAL STATEMENT showing the Quantity of each Article transported on the Ottawa Canals and the Amount of Revenue collected during the Season of Navigation in 1889.

| Articles. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Toll. \$ cts. |
|--|----------------------------------|-------|---------------------------------------|-------|--|-------|---------------------------------------|-------|-------|-------|-------------|----------------------------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | |
| Ashes, Pot and Pearl. | | | | | | | | | | | | |
| Apples. | 3 | | | | | | | | 3 | 3 | | 18 |
| Agricultural products not enumerated, Vegetable. | 37 | | | | | | | | 37 | 37 | | 2 23 |
| " " Animal. | 935 | | | | | | | | 935 | 935 | | 83 65 |
| Agricultural Implements. | 17 | | | | | | | | 17 | 17 | | 2 76 |
| Barley. | 390 | | | | | | | | 390 | 390 | | 28 39 |
| Bricks. | 110 | | | | | | | | 110 | 110 | | 6 33 |
| Bones. | 12 | | | | | | | | 12 | 12 | | 1 16 |
| Brimstone. | | | | | | | | | | | | |
| Cement and Water Lime. | 163 | | | | | | | | 163 | 163 | | 5 98 |
| Clay, Lime and Sand. | 6,182 | | | | | | | | 6,182 | 6,182 | | 190 74 |
| Coal. | 176 | | | | | | | | 128 | 128 | | 10 13 |
| Corn. | 2 | | | | | | | | 2 | 2 | | 20 |
| Cattle. | 501 | | | | | | | | 501 | 501 | | 31 90 |
| Cotton, Raw. | | | | | | | | | | | | |
| Crockery and Earthenware. | | 1 | | | | | | | | 1 | 1 | 19 |
| Dye Wood and Dye Stuffs. | 2 | | | | | | | | 2 | 2 | | 19 |
| Fish. | | 1 | | | | | | | | 1 | 1 | 10 |
| Flax and Hemp. | | | | | | | | | | | | |
| Flour. | | 19 | | | | | | | | 19 | 19 | 1 46 |
| Furniture. | 5 | 39 | | | | | | | 5 | 39 | 44 | 5 93 |
| Gypsum. | | | | | | | | | | | | |
| Glass, all kinds. | | | | | | | | | | | | |
| Hay, pressed. | 5 | 261 | | | | | | | 5 | 261 | 266 | 22 33 |
| Hogs. | | 31 | | | | | | | | 31 | 31 | 2 61 |
| Horses. | 14 | 176 | | | | | | | 14 | 176 | 190 | 10 22 |
| Hides and Skins, Horns and Hoofs. | | 19 | | | | | | | | 19 | 19 | 1 76 |
| Ice. | | | | | | | | | | | | |
| Iron, Railway. | | | | | | | | | | | | |
| " Pig. | | | | | | | | | | | | |

| | 24 | | | | 24 | 24 | 2 29 |
|--|-------|---------|---------|--|-------|---------|-----------|
| " all other . . . | 24 | | | | 24 | 24 | 64 74 |
| Iron Ore | | | | | | | |
| Kryolite Chemical Ore and other, Ore, except Iron. | 1,248 | | | | 1,248 | 1,248 | |
| Lard and Lard Oil | 9 | | | | 9 | 9 | 0 89 |
| Meal, all kinds | | 1 | | | 1 | 1 | 0 18 |
| Meats, other than Pork | | | | | | | |
| Marble | | | | | | | |
| Manilla | | | | | | | |
| Mohasses | 2 | | | | 2 | 2 | 0 38 |
| Nails | | | | | | | |
| Oats | 1 | 854 | | | 1 | 854 | 53 42 |
| Oil, in barrels | | 4 | | | 4 | 4 | 0 38 |
| Oil Cake | | | | | | | |
| Pease | 1,386 | | | | 1,386 | 1,386 | 91 22 |
| Potatoes | 301 | | | | 301 | 301 | 24 34 |
| Pork | 1 | 5 | | | 1 | 5 | 0 46 |
| Paint | | | | | | | |
| Pitch and Tar | | | | | | | |
| Rags | 6 | | | | 6 | 6 | 1 05 |
| Rye | 1 | | | | 1 | 1 | 0 10 |
| Rosin | | | | | | | |
| Salt | | | | | | | |
| Stone, intended for Cutting | 250 | 3 | | | 250 | 3 | 5 30 |
| " wrought | | | | | | | |
| " not suitable for Cutting, unwrought | 90 | | | | 90 | 90 | 0 96 |
| Seeds, all kinds | 14 | | | | 14 | 14 | 1 35 |
| Sheep | 279 | | | | 279 | 279 | 19 77 |
| Soda Ash | | | | | | | |
| Steel | | | | | | | |
| Sugar | 5 | | | | 5 | 5 | 0 95 |
| Spirits, Beer, &c. | 1 | | | | 1 | 1 | 0 19 |
| Tobacco, Raw | | | | | | | |
| Tallow | 3 | | | | 3 | 3 | 0 22 |
| Tin | | | | | | | |
| Turpentine | | | | | | | |
| Wheat | 70 | | | | 70 | 70 | 5 76 |
| White Lead | | | | | | | |
| Whiting | | | | | | | |
| Wool | | | | | | | |
| All other Goods and Merchandise not enumerated | 23 | 274 | | | 23 | 274 | 41 76 |
| Bark | 13 | | | | 13 | 13 | 1 27 |
| Barrels, Empty | 63 | | | | 63 | 63 | 7 75 |
| Boat Knees | | | | | | | |
| Floats | 30 | 8,880 | | | 30 | 8,880 | 81 20 |
| Fire Wood, in Vessels | | 36,615 | 2,214 | | | 38,829 | 1,561 39 |
| " Rafts | | 6,396 | 366 | | | 6,762 | 92 02 |
| Hoops | | | | | | | |
| Hop Poles | | | | | | | |
| Lumber, sawn, in Vessels | | 436,407 | 174,525 | | | 610,932 | 48,506 06 |
| " Rafts | | 3,919 | | | | 3,919 | 45 11 |

No. (A) 11.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Concluded.

| Articles. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Tolls. \$ cts. |
|--|--|---------|---|---------|--|-------|---|-------|-------|---------|----------------|-----------------------------------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | |
| Railway Ties, in Vessels..... | | | 1,410 | | | | | | | | 1,410 | 136 59 |
| " Rafts..... | | 823 | | | | | | | | | 823 | 38 67 |
| Saw Logs..... | | | 6,826 | | | | | | | | 6,826 | 156 00 |
| Staves and Headings, barrel..... | | | | | | | | | | | | |
| " " Pipe..... | | | | | | | | | | | | |
| " " West India..... | | | | | | | | | | | | |
| Staves, salt barrel..... | | | | | | | | | | | | |
| Shingles..... | | 122 | | 310 | | | | | | | 432 | 343 53 |
| Split Posts and Fence Rails, in Vessels..... | | | 3 | | | | | | | | 3 | 0 66 |
| " " Rafts..... | | | | | | | | | | | | |
| Timber Square, in Vessels..... | | | | | | | | | | | | |
| " Rafts..... | | 1,730 | | | | | | | | | 1,730 | 43 98 |
| Traverses..... | | | | | | | | | | | | |
| Woodenware and Wood partly manufactured..... | | 22 | | | | | | | | | 22 | 4 40 |
| Total Freight paying Tolls..... | 443 | 516,784 | | 177,416 | | | 128 | | 571 | 694,200 | 694,771 | 51,743 95 |
| Timber, &c., Free, per Order in Council..... | | 52,302 | | | | | | | | | 52,302 | |
| Grand Total Freight..... | 443 | 569,086 | | 177,416 | | | 128 | | 571 | 746,502 | 747,073 | |
| Total Tolls on Vessels..... | | | | | | | | | | | | 5,026 96 |
| " " Passengers..... | | | | | | | | | | | | 190 64 |
| " Free Goods..... | | | | | | | | | | | | 8439 31 |
| " Fines and Damages..... | | | | | | | | | | | | |
| " Other Receipts..... | | | | | | | | | | | | |
| Total Revenue, Exclusive of Hydraulic Rents..... | | | | | | | | | | | | 856,961 55 |

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 19th May, 1890.

B. H. TEAKLES.
Chief Clerk Canals Revenue.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 12.—GENERAL STATEMENT showing the Quantity of each Article transported on the Chambly Canal and the Amount of Revenue collected during the Season of Navigation in 1889.

| Articles. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Toll. \$ cts. |
|--|--|-------|---|-------|--|-------|---|-------|---------|---------|----------------|----------------------------------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | |
| Ashes, Pot and Pearl..... | | | | | | | | | | | | |
| Apples..... | 154 | | | | | 2 | 243 | | 399 | 399 | 36 | 68 |
| Agricultural products not enumerated, Vegetable..... | 11 | | | | | | | | 11 | 11 | 0 | 37 |
| " " Animal..... | 12 | | | | | | | | 12 | 12 | | 0 40 |
| Agricultural Implements..... | | | | | | | | | | | | |
| Barley..... | 507 | 511 | | | | | | | 511 | 567 | 1,078 | 52 99 |
| Bricks..... | 77 | | | | | | | | 730 | 77 | 730 | 807 |
| Bones..... | | | | | | | | | | | | |
| Brimstone..... | | | | | | | | | 18 | 18 | 18 | 1 80 |
| Cement and Water Lime..... | | | | | | | | | 264 | 261 | 264 | 26 40 |
| Clay, Lime and Sand..... | 714 | 36 | | | | | | | 5,095 | 714 | 5,095 | 5,809 |
| Coal..... | | | | | | | | | 104,394 | 101,430 | 104,430 | 10,262 25 |
| Corn..... | | | | | | | | | | | | |
| Cattle..... | 39 | | | | | | | | | | 39 | 1 30 |
| Cotton, Raw..... | | | | | | | | | | | | |
| Crockery and Earthenware..... | | 10 | | | | | | | | | 10 | 1 00 |
| Dye Wood and Dye Stuffs..... | | | | | | | | | 58 | 58 | 58 | 5 80 |
| Fish..... | | | | | | | | | | | | |
| Flax and Hemp..... | | | | | | | | | | | | |
| Flour..... | 252 | | | | | | | | | 252 | 252 | 8 40 |
| Furniture..... | | 2 | | | | | | | | 2 | 2 | 0 20 |
| Gypsum..... | | | | | | | | | | | | |
| Glass, all kinds..... | | | | | | | | | | | | |
| Hay, pressed..... | 53 | 871 | 489 | | | | | | 542 | 871 | 1,413 | 82 24 |
| Hogs..... | | | | | | | | | | | | |
| Horses..... | | 33 | | | | | | | | | 33 | 1 10 |
| Hides and Skins, Horns and Hoofs..... | | | | | | | | | | | | |
| Ice..... | | | | | | | | | | | | |
| Iron, Railway..... | | | | | | | | | | | | |
| " Pig..... | | | | | | | | | 140 | 140 | 140 | 14 00 |

No. (A) 12.—GENERAL STATEMENT showing the Quantity of each Article transported, &c.—Concluded.

| | | | | | | | | | | | | |
|---|-------|-------|--------|--|--|-------|---------|--------|---------|---------|--------|------|
| Turpentine..... | | | | | | 204 | | 204 | | 204 | 20 | 40 |
| Wheat..... | 3 | | | | | 3 | | 3 | | 3 | 10 | |
| White Lead..... | | | | | | | | | | | | |
| Whiting..... | | | | | | | | | | | | |
| Wool..... | | | | | | | | | | | | |
| All other Goods and Merchandise not enumerated..... | 406 | 134 | 130 | | | 2,466 | 536 | 2,600 | 3,136 | 263 | 92 | |
| Bark..... | | | | | | | | 5 | | 5 | | 34 |
| Barrels, Empty..... | 5 | | | | | | | 5 | | 5 | | 0 34 |
| Boat Knees..... | | | | | | | | | | | | |
| Floats..... | | | | | | | | | | | | |
| Fire Wood, in Vessels..... | 429 | 60 | 2,703 | | | | | 3,132 | 60 | 3,192 | 104 | 77 |
| " Rafts..... | | | | | | | | | | | | |
| Hoops..... | | | | | | | | | | | | |
| Hop Poles..... | | | | | | | | | | | | |
| Lumber, sawn, in Vessels..... | 2,240 | 61 | 79,303 | | | | 52 | 81,543 | 113 | 81,656 | 4,854 | 99 |
| " " Rafts..... | 9 | | | | | | | 9 | | 9 | 3 | 34 |
| Masts, Spars, and Telegraph Poles, in Vessels..... | | | | | | | | | | | | |
| " " Rafts..... | | | | | | | | | | | | |
| Railway Ties, in Vessels..... | 4,721 | | | | | | | 4,721 | | 4,721 | 381 | 89 |
| " Rafts..... | | | | | | | | | | | | |
| Saw Logs..... | | | | | | | | | | | | |
| Staves and Headings, Barrel..... | | | | | | | | | | | | |
| " " Pipe..... | | | | | | | | | | | | |
| " " West India..... | | | | | | | | | | | | |
| Staves, Salt Barrel..... | | | | | | | | | | | | |
| Shingles..... | 39 | | 28 | | | | | 67 | | 67 | 16 | 44 |
| Split Posts and Fence Rails, in Vessels..... | 18 | | | | | | | 18 | | 18 | 1 | 22 |
| Total Freight paying Tolls..... | 8,975 | 3,582 | 83,164 | | | 2 | 124,558 | 92,139 | 128,142 | 220,281 | 17,959 | 29 |
| Coal free per Order in Council..... | 170 | | | | | | | 170 | | 170 | | |
| Grand Total Freight | 9,145 | 3,582 | 83,164 | | | 2 | 124,558 | 92,309 | 128,142 | 220,451 | | |

| | | | |
|---|--|----------|-------|
| Total Tolls on Vessels | | 2,670 | 40 |
| " Passengers | | 78 | 43 |
| " Free Goods | | \$17 | 00 |
| Fines and Damages | | | 26 00 |
| Wharfage and Storage | | | |
| Total Revenue, exclusive of Hydraulic Rents | | \$20,734 | 12 |

B. H. TEAKLES,
Chief Clerk Canals Revenue.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 19th May, 1890.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 13.—GENERAL STATEMENT showing the Quantity of each Article transported on the Rideau Canal and the Amount of Revenue collected during the Season of Navigation in 1889.

| Articles. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Toll. |
|--|----------------------------------|--------|---------------------------------------|-------|--|-------|---------------------------------------|-------|-------|--------|-------------|-----------------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | |
| Ashes, Pot and Pearl..... | 6 | | | | | | | | 6 | | 6 | 52 |
| Apples..... | 2 | 16 | | | | | | | 2 | 16 | 18 | 43 |
| Agricultural products not enumerated, Vegetable..... | 5 | 3 | | | | | | | 5 | 3 | 8 | 24 |
| " " Animal..... | 472 | 108 | | | | | | | 472 | 108 | 580 | 14 25 |
| Agricultural Implements..... | 69 | 79 | | | | | | | 69 | 79 | 148 | 14 26 |
| Barley..... | 270 | | | | | | | | 270 | | 270 | 6 40 |
| Bricks..... | 431 | 49 | | | | | | | 431 | 49 | 480 | 11 28 |
| Bones..... | 1 | 23 | | | | | | | 1 | 23 | 24 | 77 |
| Brimstone..... | | | | | | | | | | | | |
| Cement and Water Lime..... | 246 | 11 | | | | | | | 246 | 11 | 257 | 6 25 |
| Clay, Lime and Sand..... | 299 | 5 | | | | | | | 299 | 5 | 304 | 7 14 |
| Coal..... | | 10,356 | | | | | | | | 10,356 | 10,356 | 461 88 |
| Corn..... | | 52 | | | | | | | | 52 | 52 | 1 55 |
| Cattle,.. | 3 | 3 | | | | | | | 3 | 3 | 6 | 16 |
| Cotton, Raw..... | | | | | | | | | | | | |
| Crockery and Earthenware..... | 31 | 5 | | | | | | | 31 | 5 | 36 | 3 42 |
| Dye Wood and Dye Stuffs..... | | 2 | | | | | | | | 2 | 2 | 18 |
| Fish..... | 80 | 3 | | | | | | | 80 | 3 | 83 | 2 11 |
| Flax and Hemp..... | 1 | | | | | | | | 1 | | 1 | .03 |
| Flour..... | 58 | 308 | | | | | | | 58 | 308 | 366 | 10 20 |
| Furniture..... | 30 | 20 | | | | | | | 30 | 20 | 50 | 4 82 |
| Gypsum..... | | | | | | | | | | | | |
| Glass, all kinds..... | 33 | 1 | | | | | | | 33 | 1 | 34 | 3 04 |
| Hay, pressed..... | 132 | 2 | | | | | | | 132 | 2 | 134 | 3 21 |
| Hogs..... | | | | | | | | | | | | |
| Horses..... | 8 | 8 | | | | | | | 8 | 8 | 16 | 48 |
| Hides and Skins, Horns and Hoofs..... | 1 | | | | | | | | 1 | | 1 | .03 |
| Ice..... | | | | | | | | | | | | |
| Iron, Railway..... | 5 | 52 | | | | | | | 5 | 52 | 57 | 1 34 |
| " Pig..... | 160 | | | | | | | | 160 | | 160 | 6 10 |

| | 364 | 36 | | | | | 364 | 36 | 400 | 10 32 |
|---|--------|-------|--------|--|--|--|--------|-------|--------|----------|
| " all other..... | | | | | | | | | | |
| Iron Ore..... | 36 | 1,164 | | | | | 36 | 1,164 | 1,200 | 60 00 |
| Kryolite Chemical Ore and other Ore, except Iron..... | 24 | 1 | | | | | 24 | 1 | 25 | 0 75 |
| Lard and Lard Oil..... | 28 | 24 | | | | | 28 | 24 | 52 | 1 50 |
| Meal, all kinds..... | 5 | 2 | | | | | 5 | 2 | 7 | 0 17 |
| Meats, other than Pork..... | 6 | 2 | | | | | 6 | 2 | 8 | 0 71 |
| Marble..... | | | | | | | | | | |
| Manilla..... | 76 | 11 | | | | | 76 | 11 | 87 | 7 74 |
| Molasses..... | 309 | | | | | | 309 | | 309 | 27 77 |
| Nails..... | 11 | 2 | | | | | 11 | 2 | 13 | 0 33 |
| Oats..... | 53 | 155 | | | | | 53 | 155 | 208 | 19 10 |
| Oil, in Barrels..... | 4 | 6 | | | | | 4 | 6 | 10 | 0 28 |
| Oil Cake..... | 15 | 6 | | | | | 15 | 6 | 21 | 0 52 |
| Pease..... | 82 | 37 | | | | | 82 | 57 | 119 | 3 20 |
| Potatoes..... | 76 | 39 | | | | | 76 | 39 | 115 | 3 42 |
| Pork..... | 7 | | | | | | 7 | | 7 | 0 72 |
| Paint..... | 18 | | | | | | 18 | | 18 | 1 60 |
| Pitch and Tar..... | 2 | 6 | | | | | 2 | 6 | 8 | 0 80 |
| Rags..... | 23 | | | | | | 23 | | 23 | 0 57 |
| Rye..... | 2 | | | | | | 2 | | 2 | 0 18 |
| Rosin..... | 813 | 132 | | | | | 813 | 132 | 945 | 32 22 |
| Salt..... | 177 | 144 | | | | | 177 | 144 | 321 | 11 22 |
| Stone, intended for Cutting..... | 1 | 2 | | | | | 1 | 2 | 3 | 0 36 |
| " wrought..... | | | | | | | | | | |
| " not suitable for Cutting, unwrought..... | 413 | 1,010 | | | | | 413 | 1,010 | 1,423 | 30 63 |
| Seeds, all kinds..... | 20 | 2 | | | | | 20 | 2 | 22 | 0 70 |
| Sheep..... | 2 | | | | | | 2 | | 2 | 0 05 |
| Soda Ash..... | 36 | | | | | | 36 | | 36 | 3 13 |
| Steel..... | 14 | 1 | | | | | 14 | 1 | 15 | 0 53 |
| Sugar..... | 266 | 65 | | | | | 266 | 65 | 331 | 30 86 |
| Spirits, Beer, &c..... | 126 | 39 | | | | | 126 | 39 | 165 | 14 93 |
| Tobacco, Raw..... | 1 | | | | | | 1 | | 1 | 0 03 |
| Tallow..... | 6 | | | | | | 6 | | 6 | 0 16 |
| Tin..... | 26 | 2 | | | | | 26 | 2 | 28 | 2 67 |
| Turpentine..... | | | | | | | | | | |
| Wheat..... | | 311 | | | | | | 311 | 311 | 7 88 |
| White Lead..... | 20 | | | | | | 20 | | 20 | 1 79 |
| Whiting..... | 46 | | | | | | 46 | | 46 | 4 02 |
| Wool..... | 1 | | | | | | 1 | | 1 | 0 03 |
| All other Goods and Merchandise not enumerated..... | 549 | 347 | | | | | 549 | 347 | 896 | 86 71 |
| Bark..... | | 76 | | | | | | 76 | 76 | 3 56 |
| Barrels, Empty..... | 19 | | | | | | 19 | | 19 | 1 50 |
| Boat Knees..... | | | | | | | | | | |
| Floats..... | 2,996 | 30 | | | | | 2,996 | 30 | 3,026 | 53 62 |
| Fire Wood, in Vessels..... | 13,092 | 830 | | | | | 13,092 | 830 | 13,922 | 234 65 |
| " Rafts..... | | | | | | | | | | |
| Hoops..... | | | | | | | | | | |
| Hop Poles..... | 93 | | | | | | 93 | | 93 | 13 50 |
| Launder, sawn, in Vessels..... | 39,589 | 7,779 | 12,354 | | | | 51,943 | 7,779 | 59,722 | 2,669 36 |
| " " Rafts..... | 68 | 13 | | | | | 68 | 13 | 81 | 6 47 |

No. (A) 13.—GENERAL STATEMENT showing the Quantity of Each Article Transported, &c.—*Continued.*

| Articles. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Tolls. \$ ets. |
|--|--|--------|---|-------|--|-------|---|-------|--------|--------|----------------|-----------------------------------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | |
| Masts, Spars and Telegraph Poles, in Vessels | 296 | | | | | | | | 296 | | 296 | 23 68 |
| “ “ Rafts | | | | | | | | | | | | |
| Railway Ties, in Vessels | 7,492 | | | | | | | | 7,492 | | 7,492 | 873 67 |
| “ “ Rafts | | | | | | | | | | | | |
| Saw Logs | 400 | 480 | | | | | | | 400 | 480 | 880 | 20 10 |
| Staves, Salt Barrel | 8 | | | | | | | | 8 | | 8 | 30 |
| Shingles | 11 | 55 | | | | | | | 11 | 55 | 66 | 9 76 |
| Split Posts and Fence Rails, in Vessels | 5 | 1 | | | | | | | 5 | 1 | 6 | 81 |
| Timber, Square, in Vessels | 1,880 | 200 | | | | | | | 1,880 | 200 | 2,080 | 111 26 |
| “ “ Rafts | | | | | | | | | 1,633 | | 1,633 | 13 26 |
| Traverses | 1,633 | | | | | | | | 4 | | 4 | 80 |
| Woodenware and Wood partly manufactured | | 4 | | | | | | | | | | |
| Total Freight paying Tolls | 73,586 | 24,117 | 12,354 | | | | | | 85,940 | 24,117 | 110,057 | 4,963 99 |
| Coal, free per Order in Council | 3,069 | | | | | | | | 3,069 | | 3,069 | |
| Grand Total Freight | 76,655 | 24,117 | 12,354 | | | | | | 89,009 | 24,117 | 113,126 | |
| Total Tolls on Vessels | | | | | | | | | | | | 1,943 76 |
| “ Passengers | | | | | | | | | | | | 73 38 |
| “ Free Coal | | | | | | | | | | | | \$81 90 |
| Wharfage and Storage | | | | | | | | | | | | 18 96 |
| Fines and Damages | | | | | | | | | | | | 10 00 |
| Other Receipts | | | | | | | | | | | | 229 68 |
| Total Revenue, exclusive of Hydraulic Rents | | | | | | | | | | | | 7,239 77 |

H. B. TEAKLES,

Chief Clerk Canals Revenue.

DEPARTMENT OF RAILWAYS AND CANALS,

OTTAWA, 19th May, 1890.

SUPPLEMENTARY APPENDIX A.—Continued.

No. (A) 14.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Peter's Canal, and the Amount of Revenue collected during the Season of Navigation in 1889.

76-961

83

| Articles. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Toll. \$ cts. |
|--|--|--------|---|-------|--|-------|---|-------|--------|--------|----------------|----------------------------------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | |
| Fish..... | 89 | 909 | | | | | | | 89 | 909 | 998 | 9 98 |
| Flour..... | 930 | 575 | | | | | | | 930 | 575 | 1,505 | 15 05 |
| Coal..... | 2,316 | 21,233 | | | | | | | 2,316 | 21,233 | 23,549 | 235 49 |
| Lumber..... | 5,180 | 1,946 | | | | | | | 5,180 | 1,946 | 7,126 | 71 26 |
| Other Agricultural Products..... | 13,729 | 7,295 | | | | | | | 13,729 | 7,295 | 21,024 | 210 24 |
| Other Merchandise..... | 936 | 305 | | | | | | | 936 | 305 | 1,241 | 12 41 |
| Total Freight paying Tolls..... | 23,180 | 32,263 | | | | | | | 23,180 | 32,263 | 55,443 | 554 43 |
| Total Tolls on Vessels..... | | | | | | | | | | | | 2,365 24 |
| " " Passengers..... | | | | | | | | | | | | |
| Total Revenue, Exclusive of Hydraulic Rents..... | | | | | | | | | | | | 2,919 67 |

B. H. TEAKLES,

Chief Clerk Canals Revenue.

DEPARTMENT OF RAILWAY AND CANALS,
OTTAWA, MAY 19TH 1890.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 15—GENERAL STATEMENT showing the Quantity of each Article transported on the Trent Valley Canal,
and the amount of Revenue collected during the Season of Navigation in 1889.

| ARTICLES. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Toll. \$ cts. |
|--|--|-------|---|-------|--|-------|---|-------|-------|-------|----------------|--------------------------------------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | |
| Ashes, Pot and Pearl..... | | | | | | | | | | | | |
| Apples..... | | | | | | | | | | | | |
| Agricultural products not enumerated, Vegetable do do do Animal..... | | | | | | | | | | | | |
| Agricultural Implements..... | | | | | | | | | | | | |
| Barley..... | | | | | | | | | | | | |
| Bricks..... | 11 | 10 | | | | | | | | | 11 | 10 |
| Bones..... | | | | | | | | | | | | 21 |
| Brimstone..... | | | | | | | | | | | | |
| Cement and Water Lime..... | | | | | | | | | | | | |
| Clay, Lime and Sand..... | | | | | | | | | | | | |
| Coal..... | | | | | | | | | | | | |
| Corn..... | | | | | | | | | | | | |
| Cattle..... | | | | | | | | | | | | |
| Cotton (Raw)..... | | | | | | | | | | | | |
| Crockery and Earthenware..... | 1 | | | | | | | | | | 1 | |
| Dye Wood and Dye Stuffs..... | | | | | | | | | | | 1 | 0 25 |
| Fish..... | | | | | | | | | | | | |
| Flax and Hemp..... | | | | | | | | | | | | |
| Flour..... | | | | | | | | | | | | |
| Furniture..... | | | | | | | | | | | | |
| Gypsum..... | | | | | | | | | | | | |
| Glass (all kinds)..... | | | | | | | | | | | | |
| Hay (Pressed)..... | | | | | | | | | | | | |
| Hogs..... | | | | | | | | | | | | |
| Horses..... | | | | | | | | | | | | |
| Hides and Skins, Horns and Hoofs..... | | | | | | | | | | | | |
| Ice..... | | | | | | | | | | | | |
| Iron, Railway..... | | | | | | | | | | | | |

| | | | | | | | | | | | |
|--|--------|-----|--|--|--|--|--|--|--|--|--|
| do Pig | | | | | | | | | | | |
| do all other | | | | | | | | | | | |
| Iron Ore | 8 | | | | | | | | | | |
| All other Goods and Merchandise, not enumerated. | 76 | 3 | | | | | | | | | |
| Bark | 319 | | | | | | | | | | |
| Barrels, Empty | | | | | | | | | | | |
| Boat Knees | | | | | | | | | | | |
| Floats | 50 | | | | | | | | | | |
| Fire Wood, in Vessels | 18,761 | | | | | | | | | | |
| " Rafts | | | | | | | | | | | |
| Hoops | | | | | | | | | | | |
| Hop Poles | | | | | | | | | | | |
| Lumber, sawn, in Vessels | 741 | 94 | | | | | | | | | |
| " " Rafts | | | | | | | | | | | |
| Masts, Spars, and Telegraph Poles, in Vessels | 32 | 50 | | | | | | | | | |
| " " Rafts | 10 | 7 | | | | | | | | | |
| Railway Ties, in Vessels | 231 | | | | | | | | | | |
| " " Rafts | | | | | | | | | | | |
| Saw Logs | 4,628 | | | | | | | | | | |
| Staves and Headings, barrel | | | | | | | | | | | |
| " " Pipe | | | | | | | | | | | |
| " " West India | | | | | | | | | | | |
| Staves, salt barrel | | | | | | | | | | | |
| Shingles | 12 | | | | | | | | | | |
| Split Posts and Fence Rails, in Vessels | 2 | | | | | | | | | | |
| " " Rafts | 9 | | | | | | | | | | |
| Timber square, in Vessels | | | | | | | | | | | |
| " " Rafts | 75 | | | | | | | | | | |
| Traverses | | | | | | | | | | | |
| Woodenware and Wood partly manufactured | | | | | | | | | | | |
| Total Freight paying Tolls | 24,966 | 164 | | | | | | | | | |
| | | | | | | | | | | | |
| Tolls on Vessels | | | | | | | | | | | |
| " Passengers | | | | | | | | | | | |
| Total Revenue, Exclusive of Hydraulic Rents | | | | | | | | | | | |
| | | | | | | | | | | | |

DEPARTMENT OF RAILWAY AND CANALS,
OTTAWA, MAY 19TH 1890.

B. II. TEAKLES,
Chief Clerk Canals Revenue.

162 65
47 32

492 28

SUPPLEMENTARY

No. (A) 16.—STATEMENT OF TRAFFIC on the undermentioned Canals and

| ARTICLES. | Welland Canal. | | St. Lawrence Canals. | |
|--|----------------|------------|----------------------|-----------|
| | Tons. | Tolls. | Tons. | Tolls. |
| <i>Class No. 1.</i> | | | | |
| Canadian Vessels, steam | 287,127 | 3,844 99 | 650,323 | 3,965 55 |
| United States Vessels, steam..... | 342,804 | 5,149 06 | 20,231 | 141 99 |
| Canadian Vessels, sail..... | 278,819 | 5,343 28 | 1,005,779 | 11,030 05 |
| United States Vessels, sail | 183,196 | 4,110 02 | 81,169 | 687 10 |
| Total, Class No. 1..... | 1,091,946 | 18,647 35 | 1,757,502 | 15,824 69 |
| <i>Class No. 2.</i> | | | | |
| Passengers | No. 4,671 | 143 78 | No. 49,250 | 2,502 85 |
| <i>Class No. 3.</i> | | | | |
| Bricks | Tons. 24 | 2 03 | Tons. 8,878 | 367 90 |
| Brimstone | | | 30 | 1 13 |
| Cement and Water Lime | 56 | 7 63 | 5,692 | 614 63 |
| Clay, Lime and Sand | 565 | 65 03 | 26,890 | 1,071 43 |
| Fish | 170 | 25 75 | 874 | 79 72 |
| Gypsum | 623 | 7 79 | 2,803 | 55 07 |
| Iron, Railway | 47 | 7 05 | 16,508 | 2,408 55 |
| " Pig | 627 | 124 70 | 5,307 | 762 86 |
| " all other | 1,852 | 303 41 | 19,039 | 945 49 |
| Steel | | | 132 | 19 80 |
| Salt | 1,254 | 198 69 | 7,857 | 1,049 47 |
| Stone, for cutting | 6,784 | 1,356 80 | 10,826 | 722 97 |
| Apples | 723 | 20 75 | 2,552 | 372 65 |
| Barley | 4,272 | 616 17 | 2,811 | 56 93 |
| Corn | 353,595 | 70,719 00 | 2,797 | 58 59 |
| Cotton, Raw | | | | |
| Flax and Hemp | | | | |
| Flour | 7,931 | 1,231 63 | 1,343 | 115 69 |
| Hay, Pressed | | | 1,804 | 88 31 |
| Meals, all kinds | 17,378 | 3,473 73 | 874 | 56 78 |
| Oil Cake | 798 | 159 60 | 15 | 1 44 |
| Oats | 28,356 | 5,668 23 | 1,383 | 67 79 |
| Pease | 450 | 25 50 | 19,062 | 385 21 |
| Potatoes | 1 | 0 20 | 208 | 16 04 |
| Rye | 2,673 | 496 85 | 8 | 1 20 |
| Seeds, all kinds | 154 | 30 80 | 10,614 | 445 78 |
| Tobacco, Raw | | | 3 | 0 45 |
| Wheat | 126,664 | 24,173 92 | 28,200 | 588 91 |
| All other Agricultural Products, Vegetable | 420 | 21 00 | 401 | 52 42 |
| Bones | | | 447 | 59 60 |
| Cattle | | | 404 | 32 07 |
| Hogs | | | 18 | 2 59 |
| Hides and Skins, Horns and Hoofs | 18 | 1 80 | 28 | 4 00 |
| Horses | 5 | 0 90 | 366 | 26 63 |
| Lard and Lard Oil | 24 | 4 80 | 39 | 4 36 |
| Meats, other than Pork | 37 | 7 40 | 40 | 3 31 |
| Pork | 1,335 | 271 00 | 495 | 38 56 |
| Sheep | | | 132 | 11 49 |
| Tallow | 74 | 11 75 | 138 | 9 36 |
| Wool | 468 | 92 80 | 10 | 0 94 |
| All other Agricultural Products, Animal | | | 977 | 135 57 |
| Total Class No. 3 | 557,398 | 109,126 71 | 180,005 | 10,735 74 |

APPENDIX A.—*Continued.*

the Amount of Tolls collected during the Season of Navigation in 1889.

| Chambly Canal. | | Ottawa Canals. | | Rideau Canal. | | St. Peter's Canal. | | Trent Valley Canals. | |
|----------------|----------|----------------|----------|---------------|----------|--------------------|----------|----------------------|--------|
| Tons. | Tolls. | Tons. | Tolls. | Tons. | Tolls. | Tons. | Tolls. | Tons. | Tolls. |
| | 8 cts. | | 8 cts. | | 8 cts. | | 8 cts. | | 8 cts. |
| 72,041 | 251 08 | 165,001 | 658 52 | 62,377 | 665 25 | 13,794 | 275 88 | 19,729 | 148 25 |
| 636 | 7 24 | | | 714 | 18 87 | | | | |
| 45,454 | 756 02 | 207,162 | 2,975 07 | 82,630 | 986 81 | 104,468 | 2,089 36 | 878 | 14 40 |
| 121,776 | 1,656 06 | 61,419 | 1,393 37 | 18,703 | 272 83 | .... | .... | .... | .... |
| 239,907 | 2,670 40 | 433,582 | 5,026 96 | 164,424 | 1,943 76 | 118,262 | 2,365 24 | 20,607 | 162 65 |
| No. 5,017 | 78 43 | No. 14,787 | 190 64 | No. 2,910 | 73 38 | No. | | No. 4,727 | 47 32 |
| Tons. | | Tons. | | Tons. | | Tons. | | Tons. | |
| 807 | 74 54 | 110 | 6 33 | 480 | 11 28 | .... | .... | 21 | 1 80 |
| 18 | 1 80 | | | | | | | | |
| 264 | 26 40 | 163 | 5 98 | 257 | 6 25 | | | | |
| 5,809 | 580 32 | 6,182 | 190 74 | 304 | 7 14 | 998 | 9 98 | | |
| | | 1 | 6 10 | 83 | 2 11 | | | | |
| | | | | | 57 | 1 34 | | | |
| 140 | 14 00 | 24 | 2 29 | 400 | 10 32 | | | | |
| 25 | 2 50 | | | | | | | | |
| | | | | | 945 | 32 22 | | | |
| 1,746 | 172 57 | 253 | 5 30 | 321 | 11 22 | | | | |
| 399 | 36 68 | 3 | 0 18 | 18 | 0 43 | | | | |
| 1,078 | 52 99 | 390 | 28 39 | 270 | 6 40 | | | | |
| | 2 | 0 20 | | 52 | 1 55 | | | | |
| | | | | | 1 | 0 03 | | | |
| 252 | 8 40 | 19 | 1 46 | 366 | 10 20 | 1,505 | 15 03 | | |
| 1,413 | 82 24 | 266 | 22 33 | 134 | 3 21 | | | | |
| | 9 | 0 89 | | 52 | 1 50 | | | | |
| | | | | 10 | 0 28 | | | | |
| 1,370 | 45 71 | 855 | 53 42 | 13 | 0 33 | | | | |
| 31 | 1 04 | 1,386 | 91 22 | 21 | 0 52 | | | | |
| 3 | 0 30 | 301 | 24 34 | 119 | 3 20 | | | | |
| | | 1 | 0 10 | 23 | 0 57 | | | | |
| | | 14 | 1 35 | 22 | 0 70 | | | | |
| | | | | 1 | 0 03 | | | | |
| 3 | 0 10 | 70 | 5 76 | 311 | 7 88 | | | | |
| 11 | 0 37 | 37 | 2 23 | 8 | 0 24 | 21,024 | 210 24 | | |
| | | 12 | 1 16 | 24 | 0 77 | | | | |
| 30 | 1 30 | 501 | 31 90 | 6 | 0 16 | | | | |
| | | 31 | 2 61 | | | | | | |
| | | 19 | 1 76 | 1 | 0 03 | | | | |
| 33 | 1 10 | 190 | 10 22 | 16 | 0 48 | | | | |
| | | | | 25 | 0 75 | | | | |
| | | 1 | 0 18 | 7 | 0 17 | | | | |
| | | 6 | 0 46 | 115 | 3 42 | | | | |
| 129 | 4 30 | 279 | 19 77 | 2 | 0 05 | | | | |
| 17 | 1 70 | 3 | 0 22 | 6 | 0 16 | | | | |
| | | | | 1 | 0 03 | | | | |
| 12 | 0 40 | 935 | 83 65 | 580 | 14 25 | | | | |
| 13,599 | 1,108 76 | 12,063 | 594 54 | 5,211 | 145 32 | 23,527 | 235 27 | 21 | 1 80 |

SUPPLEMENTARY

No. (A) 38—STATEMENT of Traffic in the undermentioned

| ARTICLES. | Welland Canal. | | St. Lawrence Canals. | |
|--|----------------|-----------|----------------------|----------|
| | Tons. | Tolls. | Tons. | Tolls. |
| <i>Class No. 4.</i> | | 8 cts. | | 8 cts. |
| Ashes, Pot and Pearl..... | 112 | 22 40 | 114 | 20 20 |
| Agricultural Implements..... | 7 | 0 50 | 118 | 18 12 |
| Crockery and Earthenware..... | | | 259 | 49 66 |
| Dye Woods and Dye Stuffs..... | | | 166 | 11 87 |
| Furniture..... | 45 | 8 48 | 525 | 96 75 |
| Glass, all kinds..... | 2 | 0 30 | 434 | 81 14 |
| Marble..... | 4,455 | 668 25 | 39 | 3 73 |
| Manilla..... | 8 | 1 20 | 1 | 0 05 |
| Molasses..... | 430 | 68 90 | 3,060 | 207 20 |
| Nails..... | 142 | 13 72 | 3,237 | 552 69 |
| Oil, in barrels..... | 183 | 6 05 | 1,606 | 192 29 |
| Paint..... | 134 | 19 58 | 367 | 51 02 |
| Pitch and Tar..... | 40 | 6 00 | 1,396 | 97 24 |
| Rags..... | | | 183 | 21 20 |
| Rosin..... | | | 1,408 | 74 57 |
| Soda Ash..... | 3 | 0 45 | 1,544 | 297 58 |
| Steel..... | | | 219 | 34 01 |
| Sugar..... | 952 | 123 71 | 5,420 | 643 87 |
| Stone, wrought..... | 13 | 2 60 | 257 | 23 60 |
| Tin..... | 125 | 18 75 | 846 | 154 72 |
| Turpentine..... | | | 235 | 15 05 |
| White Lead..... | | | 102 | 19 90 |
| Whiting..... | 133 | 22 95 | 447 | 87 18 |
| Whiskey and all other spirits..... | 241 | 46 48 | 1,009 | 184 44 |
| Merchandise, not enumerated..... | 26,370 | 3,947 75 | 11,966 | 1,850 36 |
| Total, Class No. 4..... | 33,415 | 4,978 07 | 34,958 | 4,788 44 |
| <i>Class No. 5.</i> | | | | |
| Bark..... | 301 | 37 88 | | |
| Barrels, empty..... | | | 306 | 38 16 |
| Boat Knees..... | | | | |
| Floats..... | | | 5,818 | 101 99 |
| Firewood, in Vessels..... | 15,108 | 644 83 | 10,824 | 280 98 |
| " in Rafts..... | | | 6 | 0 25 |
| Lumber, Sawn, in Vessels..... | 84,866 | 14,932 20 | 54,072 | 1,852 66 |
| do in Rafts..... | 2 | 22 | 205 | 8 37 |
| Hoops..... | | | 9 | 0 90 |
| Railways Ties, in Vessels..... | 924 | 143 18 | 1,244 | 24 89 |
| " in Rafts..... | | | | |
| Mats, Spars and Telegraph Poles, in Vessels..... | 215 | 32 25 | 17,936 | 448 40 |
| " " in Rafts..... | 10 | 1 25 | 6,046 | 151 15 |
| Square Timber, in Vessels..... | 77,201 | 11,578 88 | 2,590 | 39 97 |
| " in Rafts..... | 2,926 | 657 09 | 8,548 | 230 70 |
| Woodenware and Wood partly manufactured..... | 45 | 18 00 | 187 | 44 40 |
| Shingles..... | 52 | 36 27 | 106 | 29 68 |
| Split Posts and Fence Rails, in Vessels..... | 17 | 6 36 | 11 | 1 10 |
| " " in Rafts..... | | | | |
| Saw Logs..... | 5,102 | 215 88 | 19,491 | 445 46 |
| Staves and Headings, Barrel..... | 4 | 0 46 | 22 | 3 30 |
| " Pipe..... | 506 | 94 49 | | |
| " West India..... | 627 | 117 16 | 186 | 6 99 |
| " Salt Barrel..... | | | 10 | 0 80 |
| Traverses..... | | | 12,508 | 32 55 |
| Hop Poles..... | | | | |
| Total, Class No. 5..... | 187,906 | 28,516 40 | 140,125 | 3,742 70 |

APPENDIX A—*Continued.*Canals, and the Amount of Tolls collected, &c.—*Continued.*

| Chambly Canal. | | Ottawa Canals. | | Rideau Canal. | | St. Peter's Canal. | | Trent Valley Canals. | |
|----------------|----------|----------------|-----------|---------------|----------|--------------------|--------|----------------------|--------|
| Tons. | Tolls. | Tons. | Tolls. | Tons. | Tolls. | Tons. | Tolls. | Tons. | Tolls. |
| | | 8 cts. | 8 cts. | | | 8 cts. | 8 cts. | | |
| | | | | 6 | 52 | | | | |
| 10 | 1 00 | 17 | 2 76 | 148 | 14 26 | | | | |
| 58 | 5 80 | 1 | 0 19 | 36 | 3 42 | | | 1 | 0 25 |
| 2 | 0 20 | 2 | 0 19 | 2 | 0 18 | | | | |
| | | 44 | 5 93 | 50 | 4 82 | | | | |
| | | | | 34 | 3 04 | | | | |
| | | | | 8 | 0 71 | | | | |
| 2,799 | 307 57 | 2 | 0 38 | 87 | 7 74 | | | | |
| 491 | 48 60 | 4 | 0 38 | 309 | 27 77 | | | | |
| 8 | 0 80 | | | 208 | 19 10 | | | | |
| 1,248 | 124 80 | | | 7 | 0 72 | | | | |
| | | 6 | 105 | 18 | 1 60 | | | | |
| 1,373 | 137 30 | | | 8 | 0 80 | | | | |
| 283 | 23 70 | | | 2 | 0 18 | | | | |
| 110 | 11 00 | | | 36 | 3 13 | | | | |
| 2,452 | 245 20 | 5 | 0 95 | 15 | 0 53 | | | | |
| 264 | 26 40 | | | 331 | 30 86 | | | | |
| | | | | 3 | 0 36 | | | | |
| 204 | 20 40 | | | 28 | 2 67 | | | | |
| | | | | 20 | 1 79 | | | | |
| | | | | 46 | 4 02 | | | | |
| 3,136 | 263 92 | 1 | 0 19 | 165 | 14 93 | | | | |
| | | 297 | 41 76 | 896 | 86 71 | 1,241 | 12 41 | 79 | 2 37 |
| 12,438 | 1,216 69 | 379 | 53 78 | 2,463 | 229 86 | 1,241 | 12 41 | 80 | 2 62 |
| | | | | | | | | | |
| | | 13 | 1 27 | 76 | 3 56 | | | 319 | 3 40 |
| 5 | 0 34 | 63 | 7 75 | 19 | 1 50 | | | | |
| | | | | | | | | | |
| | | 8,910 | 81 20 | 3,026 | 53 62 | | | 50 | 0 50 |
| 3,192 | 104 77 | 38,829 | 1,561 39 | 13,922 | 234 65 | | | 18,761 | 189 86 |
| | | 6,762 | 92 02 | | | | | | |
| 81,656 | 4,854 99 | 610,632 | 48,506 06 | 59,722 | 2,669 36 | 7,126 | 71 26 | 835 | 13 25 |
| 9 | 3 34 | 3,919 | 45 11 | 81 | 6 47 | | | | |
| | | 13 | 1 17 | | | | | | |
| 4,721 | 381 89 | 1,410 | 136 59 | 7,492 | 873 67 | | | 231 | 8 50 |
| | | 823 | 38 67 | | | | | | |
| | | | | 296 | 23 68 | | | 82 | 1 46 |
| | | | | | | | | 17 | 1 38 |
| | | 1,730 | 43 98 | 2,080 | 111 26 | | | 75 | 0 50 |
| | | 22 | 4 40 | 4 | 0 80 | | | | |
| 67 | 10 44 | 432 | 343 53 | 66 | 9 76 | | | 12 | 0 99 |
| 18 | 1 22 | 3 | 0 66 | 6 | 0 81 | | | 2 | 0 25 |
| | | | | | | | | 9 | 0 05 |
| | | 6,826 | 156 00 | 880 | 20 10 | | | 4,628 | 57 67 |
| | | | | | | | | | |
| | | | | 4 | 0 30 | | | | |
| | | | | 1,633 | 13 26 | | | | |
| | | | | 93 | 13 50 | | | | |
| 89,668 | 5,356 99 | 680,687 | 51,019 80 | 89,404 | 4,036 30 | 7,126 | 71 26 | 25,021 | 277 81 |

SUPPLEMENTARY

No. (A) 38.—STATEMENT of Traffic in the undermentioned

| ARTICLES. | Welland Canal. | | St. Lawrence Canals. | |
|---|----------------|------------|----------------------|-----------|
| | Tons. | Tolls. | Tons. | Tolls. |
| <i>Special Class.</i> | | | | |
| Coal | 268,305 | 53,181 95 | 146,924 | 20,141 85 |
| Kryolite or Chemical Ore | 10 | 0 50 | 2,568 | 128 40 |
| Iron Ore | 2,425 | 121 25 | | |
| Stone (unwrought, not suitable for cutting) | 10,049 | 969 87 | 2,397 | 90 30 |
| Ice | | | | |
| Total, Special Class | 280,789 | 54,273 57 | 151,889 | 20,360 55 |
| Total Freight and Tolls | 1,059,508 | 215,685 88 | 506,977 | 57,954 97 |
| Timber and other Wood, Free | 397 | 19 20 | 16,587 | 609 91 |
| Wheat, Corn, Flour, Iron, Salt, Coal, &c., Free | 25,368 | 3,805 20 | 396,308 | 13,880 34 |
| Grand Totals, Passengers and Tonnage of Vessels not included | 1,085,273 | 219,510 20 | 919,872 | 72,505 22 |

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 19th May, 1890.

APPENDIX A.—*Concluded.*Canals, and the Amount of Tolls collected, &c.—*Concluded.*

| Chambly Canal | | Ottawa Canals. | | Rideau Canal. | | St. Peter's Canal. | | Newcastle District Canals. | |
|---------------|-----------|----------------|-----------|---------------|----------|--------------------|----------|----------------------------|--------|
| Tons. | Tolls. | Tons. | Tolls. | Tons. | Tolls. | Tons. | Tolls. | Tons. | Tolls. |
| | | \$ cts. | | \$ cts. | | \$ cts. | | \$ cts. | |
| 104,430 | 10,262 25 | 304 | 10 13 | 10,356 | 461 88 | 23,549 | 235 49 | ..... | ..... |
| | | 1,248 | 64 74 | 1,200 | 60 00 | ..... | ..... | 8 | 0 08 |
| 146 | 14 60 | 90 | 0 96 | 1,423 | 30 63 | ..... | ..... | ..... | ..... |
| 104,576 | 10,276 85 | 1,642 | 75 83 | 12,979 | 552 51 | 23,549 | 235 49 | 8 | 0 08 |
| 220,281 | 20,708 12 | 694,771 | 56,961 55 | 110,057 | 6,981 13 | 55,443 | 2,919 67 | 25,130 | 492 28 |
| | | 52,302 | 439 31 | 3,069 | 81 90 | ..... | ..... | ..... | ..... |
| 170 | 17 00 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 220,451 | 20,725 12 | 747,073 | 57,400 86 | 113,126 | 7,063 03 | 55,443 | 2,919 67 | 25,130 | 492 28 |

B. H. TEAKLES,
Chief Clerk Canals Revenue.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 18.—STATEMENT showing the Amount of Tolls accrued each month during the Season of Navigation ended 31st December, 1889.

| Canals and Offices. | January. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|--------------------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|------------|------------|
| | \$ cts. | \$ cts. | \$ cts. | \$ cts. | \$ cts. | \$ cts. | \$ cts. | \$ cts. | \$ cts. | \$ cts. | \$ cts. | \$ cts. |
| WELLAND CANAL. | | | | | | | | | | | | |
| Chippawa | | | 6 01 | 1 75 | 34 05 | 14 63 | 6 69 | 4 58 | 6 22 | 8 66 | | 82 59 |
| Colborne | | 12,450 54 | 16,397 20 | 18,478 63 | 20,692 29 | 25,402 23 | 23,884 12 | 19,841 81 | 12,761 15 | 479 29 | 150,387 26 | |
| Dalhousie | | 4,442 16 | 7,100 55 | 10,314 06 | 6,692 59 | 12,452 34 | 10,413 78 | 7,787 85 | 4,277 47 | | 63,480 00 | |
| Dunnville | | | 83 28 | 52 65 | 56 18 | 25 72 | 0 25 | 109 76 | 120 76 | | 448 79 | |
| Maitland | | | 7 29 | 14 23 | 3 95 | 1 00 | 24 81 | 5 84 | | | 57 12 | |
| Robinson | | 127 34 | 166 95 | 102 04 | 112 30 | 93 88 | 68 82 | 129 56 | 115 79 | 7 19 | 923 87 | |
| St. Catharines | | 35 68 | 34 73 | 28 70 | 54 44 | 40 17 | 33 18 | 56 95 | 21 60 | | 305 45 | |
| Total Welland Canal..... | | | 17,061 73 | 23,791 75 | 29,024 36 | 27,626 38 | 38,022 03 | 34,429 54 | 27,938 18 | 17,305 43 | 486 48 | 215,685 88 |
| ST. LAWRENCE CANALS. | | | | | | | | | | | | |
| Beaubarnois | | 63 32 | 46 96 | 72 87 | 164 17 | 133 38 | 121 67 | 186 24 | 92 61 | | 881 12 | |
| Cardinal | | 65 05 | 57 68 | 102 46 | 70 51 | 225 62 | 338 25 | 241 63 | 40 23 | 11 55 | 1,152 98 | |
| Cornwall | | 8 21 | 2,359 31 | 2,848 90 | 3,468 78 | 2,103 13 | 2,226 55 | 1,473 27 | 1,165 57 | 15 74 | 15,669 46 | |
| Kingston | | 439 57 | 1,482 50 | 1,884 10 | 3,284 38 | 1,239 39 | 1,122 34 | 640 67 | 624 45 | | 10,717 40 | |
| Lachine | | 36 09 | 282 60 | 342 43 | 363 92 | 333 41 | 363 67 | 407 00 | 244 05 | | 2,373 17 | |
| Montreal | | 628 60 | 3,421 40 | 3,670 45 | 4,716 56 | 4,804 34 | 4,124 20 | 3,707 93 | 2,087 26 | | 27,160 74 | |
| Total St. Lawrence Canals..... | | | 1,240 84 | 7,650 45 | 8,921 21 | 12,068 32 | 8,839 27 | 8,296 68 | 6,656 74 | 4,254 17 | 27 29 | 57,954 97 |
| CHAMBLY CANAL. | | | | | | | | | | | | |
| Chambly | | 19 96 | 600 15 | 778 46 | 883 41 | 1,234 82 | 776 26 | 1,114 08 | 677 36 | | 6,084 50 | |
| St. John's | | 2,906 84 | 2,961 95 | 2,426 72 | 2,140 62 | 1,654 38 | 1,347 50 | 732 49 | | 14,170 50 | | |
| St. Ours | | 10 50 | 43 37 | 44 50 | 66 25 | 64 04 | 63 01 | 84 31 | 77 14 | | 453 12 | |
| Total Chambly Canal..... | | | 30 46 | 3,550 36 | 3,784 91 | 3,376 38 | 3,439 48 | 2,493 65 | 2,545 89 | 1,486 99 | | 20,708 12 |

| OTTAWA CANALS. | | | | | | | | | | | | | | |
|------------------------------------|--|--|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|------------|
| Ottawa | | | 971 12 | 7,191 48 | 6,127 09 | 5,954 68 | 6,603 63 | 5,254 95 | 5,442 12 | 1,544 87 | | 39,149 94 | | |
| Carillon | | | 5 83 | 142 49 | 180 69 | 97 05 | 16 47 | 41 09 | 39 74 | 43 81 | | 567 17 | | |
| Grenville | | | 383 72 | 2,591 86 | 2,506 20 | 2,589 57 | 2,288 38 | 1,786 93 | 2,214 65 | 1,542 63 | | 15,903 34 | | |
| St. Anne's | | | 64 46 | 145 33 | 205 93 | 208 61 | 212 36 | 192 21 | 167 69 | 144 45 | | 1,341 10 | | |
| Total Ottawa Canals | | | 1,425 13 | 10,071 16 | 9,019 91 | 8,849 94 | 9,180 84 | 7,275 21 | 7,864 20 | 3,275 16 | | 56,961 55 | | |
| RIDEAU CANAL. | | | | | | | | | | | | | | |
| Kingston Mills | | | 7 97 | 179 15 | 254 06 | 337 62 | 282 24 | 160 30 | 156 99 | 72 30 | | 1,450 63 | | |
| Ottawa | | | 104 46 | 657 66 | 839 12 | 1,181 57 | 937 83 | 653 86 | 524 42 | 231 50 | | 5,130 42 | | |
| Smith's Falls | | | 65 54 | 73 41 | 102 64 | 75 07 | 30 95 | 35 00 | 17 47 | | | 400 08 | | |
| Total Rideau Canal | | | 112 43 | 902 35 | 1,166 59 | 1,621 83 | 1,295 14 | 845 11 | 716 41 | 321 27 | | 6,981 13 | | |
| ST. PETER'S CANAL. | | | | | | | | | | | | | | |
| St. Peter's | | | 1 96 | 9 98 | 150 50 | 457 71 | 356 00 | 333 10 | 412 09 | 438 35 | 380 35 | 306 84 | 72 79 | 2,919 67 |
| TRENT VALLEY CANALS. | | | | | | | | | | | | | | |
| Bobcaygeon | | | | | 14 78 | 34 58 | 25 75 | 56 27 | 53 54 | 43 78 | 12 79 | | 241 49 | |
| Peterborough | | | | | 6 64 | 16 62 | 35 75 | 35 65 | 47 10 | 24 03 | 9 94 | | 175 73 | |
| Hastings | | | | | | 3 00 | 5 78 | 8 10 | 14 50 | 5 90 | | | 37 28 | |
| Fenelon Falls | | | | | | 5 16 | 10 09 | 12 60 | 0 50 | 9 43 | | | 37 78 | |
| Total Trent Valley Canals | | | | | 21 42 | 51 20 | 69 66 | 107 79 | 121 34 | 82 81 | 38 06 | | 492 28 | |
| Grand Total | | | 1 96 | 9 98 | 20,021 09 | 46,445 20 | 52,324 18 | 53,945 61 | 61,296 64 | 53,899 88 | 46,184 58 | 26,987 92 | 586 56 | 361,703 60 |

B. H. TEAKLES,
Chief Clerk Canals Revenue.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 19th May, 1890.

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 19.—GENERAL STATEMENT showing the Number, Tonnage and Nationality of Vessels passed through all the Canals during the Season of Navigation ended the 31st December, 1889, and the amount of Tolls collected thereon.

| Vessels. | Total Number. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Tolls. | |
|---------------------------------------|---------------|----------------------------------|---------|---------------------------------------|--------|--|---------|---------------------------------------|---------|-----------|---------|-------------|------------------|----------|
| | | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | | |
| WELLAND CANAL. | | | | | | | | | | | | | | |
| Canadian Vessels, steam..... | 820 | 70,308 | 51,740 | 68,050 | 5,154 | | | 300 | 4,402 | 87,173 | 142,760 | 144,367 | 287,127 | 3,844 99 |
| " " sail..... | 1,141 | 56,028 | 42,129 | 66,620 | 12,118 | 976 | 502 | 14,439 | 86,007 | 138,063 | 140,756 | 278,819 | 5,543 28 | |
| Total Canadian..... | 1,961 | 126,336 | 93,869 | 134,670 | 17,272 | 976 | 802 | 18,841 | 173,180 | 280,823 | 285,123 | 565,946 | 9,388 27 | |
| United States Vessels, steam.. | 467 | ..... | 71 | 9,818 | 315 | 159,388 | 135,394 | 345 | 37,473 | 169,551 | 173,253 | 342,804 | 5,149 06 | |
| " " sail ... | 547 | 99 | 10 | 4,035 | 682 | 85,520 | 62,195 | 15 | 30,640 | 89,669 | 93,527 | 183,196 | 4,110 02 | |
| Total United States.... | 1,014 | 99 | 81 | 13,853 | 997 | 244,908 | 197,589 | 360 | 66,113 | 259,220 | 266,780 | 526,000 | 9,259 08 | |
| Grand Total, Welland Canal | 2,975 | 126,435 | 93,950 | 148,523 | 18,269 | 245,884 | 198,391 | 19,201 | 241,293 | 540,043 | 551,903 | 1,091,946 | 18,647 35 | |
| ST. LAWRENCE CANALS. | | | | | | | | | | | | | | |
| Canadian Vessels, steam..... | 3,008 | 339,784 | 290,733 | 13,690 | ..... | ..... | ..... | 6,116 | 353,474 | 296,849 | 650,323 | 3,965 55 | | |
| " " sail..... | 5,696 | 556,710 | 366,018 | 34,981 | 48 | ..... | ..... | 97 | 47,925 | 591,788 | 413,991 | 1,005,779 | 11,030 05 | |
| Total Canadian..... | 8,794 | 896,494 | 656,751 | 48,671 | 48 | ..... | ..... | 97 | 54,041 | 945,262 | 710,840 | 1,656,102 | 14,995 60 | |
| United States Vessels, steam.. | 560 | 125 | 168 | 2,512 | 134 | 7,423 | 7,266 | 142 | 2,461 | 10,202 | 10,029 | 20,231 | 141 99 | |
| " " sail.... | 821 | 2,161 | 12,260 | 2,598 | 3,209 | 689 | 1,606 | 54,299 | 4,347 | 59,747 | 21,422 | 81,169 | 687 10 | |
| Total United States.... | 1,381 | 2,286 | 12,428 | 5,110 | 3,343 | 8,112 | 8,872 | 54,441 | 6,808 | 69,949 | 31,451 | 101,400 | 829 09 | |
| Grand Total, St. Lawrence Canals..... | 10,175 | 898,780 | 609,179 | 53,781 | 3,391 | 8,112 | 8,872 | 54,538 | 60,849 | 1,015,211 | 742,291 | 1,757,502 | 15,824 69 | |

| CHAMBLY CANAL. | | | | | | | | | | | | |
|-----------------------------------|-------|--------|---------|--------|--------|-------|-------|--------|---------|---------|----------|----------|
| Canadian Vessels, steam..... | 637 | 36,018 | 33,247 | 105 | ..... | ..... | ..... | 2,671 | 36,123 | 35,918 | 72,041 | 251 08 |
| " sail..... | 496 | 9,519 | 7,486 | 4,350 | 93 | ..... | 1,333 | 22,673 | 15,202 | 30,252 | 45,454 | 756 02 |
| Total Canadian..... | 1,133 | 45,537 | 40,733 | 4,455 | 93 | ..... | 1,333 | 25,344 | 51,325 | 66,170 | 117,495 | 1,007 10 |
| United States Vessels, steam..... | 7 | 7 | ..... | 514 | ..... | 68 | 6 | 41 | 589 | 47 | 636 | 7 24 |
| " sail..... | 1,251 | 3,021 | 1,827 | 31,348 | ..... | 100 | ..... | 85,480 | 34,369 | 87,407 | 121,776 | 1,636 06 |
| Total United States..... | 1,258 | 3,028 | 1,827 | 31,862 | ..... | 68 | 106 | 85,521 | 34,958 | 87,454 | 122,412 | 1,663 30 |
| Grand Total, Chamblay Canal | 2,301 | 48,565 | 42,560 | 36,317 | 93 | 68 | 106 | 1,333 | 110,865 | 86,283 | 153,624 | 239,907 |
| | | | | | | | | | | | | |
| OTTAWA CANALS. | | | | | | | | | | | | |
| Canadian Vessels, steam..... | 1,020 | 52,881 | 110,454 | ..... | 1,666 | ..... | ..... | 52,881 | 112,120 | 165,001 | 658 52 | |
| " sail..... | 1,615 | 11,392 | 175,478 | ..... | 20,292 | ..... | ..... | 11,392 | 195,770 | 207,162 | 2,975 07 | |
| Total Canadian..... | 2,635 | 64,273 | 285,932 | ..... | 21,958 | ..... | ..... | 64,273 | 307,890 | 372,163 | 3,633 59 | |
| United States Vessels, steam..... | ..... | ..... | ..... | ..... | ..... | ..... | 1,448 | ..... | 12,475 | 48,944 | 61,419 | 1,393 37 |
| " sail..... | 631 | 11,027 | 2,552 | ..... | 46,392 | ..... | ..... | 1,448 | ..... | 12,475 | 48,944 | 61,419 |
| Total United States..... | 631 | 11,027 | 2,552 | ..... | 46,392 | ..... | 1,448 | ..... | 12,475 | 48,944 | 61,419 | 1,393 37 |
| Grand Total, Ottawa Canals. | 3,266 | 75,300 | 288,484 | ..... | 68,350 | ..... | 1,448 | ..... | 76,748 | 356,834 | 433,582 | 5,026 96 |
| | | | | | | | | | | | | |
| RIDEAU CANAL. | | | | | | | | | | | | |
| Canadian Vessels, steam..... | 1,114 | 31,632 | 30,745 | ..... | ..... | ..... | ..... | 31,632 | 30,745 | 62,377 | 665 25 | |
| " sail..... | 1,120 | 40,788 | 41,507 | 335 | ..... | ..... | ..... | 41,123 | 41,507 | 82,630 | 986 81 | |
| Total Canadian..... | 2,234 | 72,420 | 72,252 | 335 | ..... | ..... | ..... | 72,755 | 72,252 | 145,007 | 1,652 06 | |
| United States Vessels, steam..... | 75 | 325 | 389 | ..... | ..... | ..... | ..... | 325 | 389 | 714 | 18 87 | |
| " sail..... | 183 | 4,360 | 9,172 | 5,171 | ..... | ..... | ..... | 9,531 | 9,172 | 18,703 | 272 83 | |
| Total United States..... | 258 | 4,685 | 9,561 | 5,171 | ..... | ..... | ..... | 9,856 | 9,561 | 19,417 | 291 70 | |
| Grand Total, Rideau Canal. | 2,492 | 77,105 | 81,813 | 5,506 | ..... | ..... | ..... | 82,611 | 81,813 | 164,424 | 1,943 76 | |

SUPPLEMENTARY APPENDIX A—Continued.

No. (A) 19.—GENERAL STATEMENT showing the Number, Tonnage and Nationality of Vessels, &c.—Concluded.

| Vessels. | Total Number. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Tolls. |
|---------------------------------------|---------------|----------------------------------|--------|---------------------------------------|-------|--|-------|---------------------------------------|-------|--------|--------|-------------|------------------|
| | | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | |
| ST. PETER'S CANAL. | | | | | | | | | | | | | \$ cts. |
| Canadian Vessels, steam..... | 105 | 6,416 | 7,378 | | | | | | | 6,416 | 7,378 | 13,794 | 275 88 |
| " " sail..... | 2,056 | 54,217 | 50,251 | | | | | | | 54,217 | 50,251 | 104,468 | 2,089 36 |
| Total Canadian..... | 2,161 | 60,633 | 57,629 | | | | | | | 60,633 | 57,629 | 118,262 | 2,365 24 |
| United States Vessels, steam..... | | | | | | | | | | | | | |
| " " sail..... | | | | | | | | | | | | | |
| Total United States..... | | | | | | | | | | | | | |
| Grand Total, St. Peter's Canal | 2,161 | 60,633 | 57,629 | | | | | | | 60,633 | 57,629 | 118,262 | 2,365 24 |
| TRENT VALLEY CANALS. | | | | | | | | | | | | | |
| Canadian Vessels, steam..... | 436 | 19,354 | 375 | | | | | | | 19,354 | 375 | 19,729 | 148 25 |
| " " sail..... | 39 | 527 | 351 | | | | | | | 527 | 351 | 878 | 14 40 |
| Total Canadian..... | 475 | 19,881 | 726 | | | | | | | 19,881 | 726 | 20,607 | 162 65 |
| United States Vessels, steam..... | | | | | | | | | | | | | |
| " " sail..... | | | | | | | | | | | | | |
| Total United States..... | | | | | | | | | | | | | |
| Grand Total, Trent Valley Canals..... | 475 | 19,881 | 726 | | | | | | | 19,881 | 726 | 20,607 | 162 65 |

RECAPITULATION.

196

| CANADIAN VESSELS. | | | | | | | | | | | | |
|---|--------|-----------|-----------|---------|--------|---------|---------|--------|---------|-----------|-----------|-----------|
| Steam and Sail. | | | | | | | | | | | | |
| Welland | 1,961 | 126,336 | 93,869 | 134,670 | 17,272 | 976 | 802 | 18,841 | 173,180 | 280,823 | 285,123 | 565,946 |
| St. Lawrence | 8,794 | 896,494 | 636,751 | 48,671 | 48 | | | 97 | 54,041 | 945,262 | 710,840 | 1,650,102 |
| Chamby | 1,133 | 45,537 | 40,733 | 4,455 | 93 | | | 1,333 | 25,344 | 51,325 | 66,170 | 117,495 |
| Ottawa | 2,635 | 64,273 | 285,932 | | 21,958 | | | | 64,273 | 307,890 | 372,163 | 3,633 59 |
| Rideau | 2,234 | 72,420 | 72,252 | 335 | | | | | 72,755 | 72,252 | 145,007 | 1,632 06 |
| St. Peter's | 2,161 | 60,633 | 57,629 | | | | | | 60,633 | 57,629 | 118,262 | 2,365 24 |
| Trent Valley Canals | 475 | 19,881 | 726 | | | | | | 19,881 | 726 | 20,607 | 162 45 |
| Total Canadian | 19,393 | 1,285,574 | 1,207,892 | 188,131 | 39,371 | 976 | 802 | 20,271 | 252,565 | 1,494,952 | 1,500,630 | 2,905,582 |
| UNITED STATES VESSELS. | | | | | | | | | | | | |
| Steam and Sail. | | | | | | | | | | | | |
| Welland | 1,014 | 99 | 81 | 13,853 | 997 | 244,908 | 197,589 | 360 | 68,113 | 259,220 | 266,780 | 526,000 |
| St. Lawrence | 1,381 | 2,286 | 12,428 | 5,110 | 3,343 | 8,112 | 8,872 | 54,441 | 6,808 | 69,949 | 31,451 | 101,400 |
| Chamby | 1,258 | 3,028 | 1,827 | 31,862 | | 68 | 106 | | 85,521 | 34,958 | 87,454 | 122,412 |
| Ottawa | 631 | 11,027 | 2,552 | | 46,392 | | | 1,448 | | 12,475 | 48,944 | 61,419 |
| Rideau | 258 | 4,685 | 9,561 | 5,171 | | | | | 9,856 | 9,561 | 19,417 | 291 70 |
| St. Peter's | | | | | | | | | | | | |
| Total United States | 4,542 | 21,125 | 26,449 | 55,996 | 50,732 | 253,088 | 206,567 | 56,249 | 160,442 | 386,458 | 444,190 | 830,648 |
| Grand Total, Canadian and United States | 23,935 | 1,306,699 | 1,234,341 | 244,127 | 90,103 | 254,064 | 207,369 | 76,520 | 413,007 | 1,881,410 | 1,944,820 | 3,826,230 |

16

B. H. TEAKLES,

Chief Clerk Canals Revenue.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 19th May, 1890.

SUPPLEMENTARY APPENDIX A.—*Continued.*

No. (A) 19½.—COMPARATIVE STATEMENT of Grand Total Freight passed through the undermentioned Canals during the Seasons of Navigation of 1888 and 1889, and the Amount of Tolls collected on the same, including Tolls on Vessels and Passengers.

| Canals. | From Canadian to Canadian Ports. | | From Canadian to United States Ports. | | From United States to United States Ports. | | From United States to Canadian Ports. | | Tons. | | Total Tons. | Amount of Toll. \$ ets. |
|--------------------------|--|---------|---|---------|--|---------|---|---------|---------|---------|----------------|----------------------------------|
| | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | Up. | Down. | | |
| 1888. | | | | | | | | | | | | |
| Welland Canal..... | 21,968 | 119,827 | 39,153 | 23,016 | 213,689 | 221,064 | 22,451 | 217,632 | 297,261 | 581,539 | 878,800 | 166,055 79 |
| St. Lawrence Canals..... | 214,420 | 411,840 | 10,079 | 1,419 | 718 | 2,365 | 58,845 | 81,913 | 284,062 | 497,537 | 781,509 | 53,786 87 |
| Chambly Canal..... | 10,276 | 5,999 | 84,684 | 11,961 | ..... | ..... | 21 | 128,812 | 94,981 | 146,772 | 241,753 | 22,282 62 |
| Rideau Canal..... | 81,036 | 27,001 | 4,211 | ..... | ..... | ..... | ..... | ..... | 85,247 | 27,001 | 112,248 | 6,566 86 |
| Ottawa Canal..... | 192 | 555,372 | ..... | 137,683 | ..... | ..... | ..... | 192 | 693,057 | 693,249 | 51,348 43 | ..... |
| St. Peter's Canal..... | 12,674 | 26,021 | ..... | 160 | ..... | ..... | 294 | ..... | 12,968 | 26,181 | 39,149 | 2,204 57 |
| Trent Valley Canals..... | 14,599 | 200 | ..... | ..... | ..... | ..... | ..... | ..... | 14,599 | 200 | 14,799 | 257 12 |
| 1889. | | | | | | | | | | | | |
| Welland Canal..... | 27,592 | 57,752 | 16,388 | 20,381 | 266,231 | 297,353 | 16,502 | 383,074 | 326,713 | 758,560 | 1,085,273 | 215,685 88 |
| St. Lawrence Canals..... | 222,956 | 521,704 | 10,389 | 700 | 993 | 2,838 | 64,613 | 95,679 | 298,951 | 620,921 | 919,872 | 57,954 97 |
| Chambly Canal..... | 8,975 | 3,582 | 83,164 | ..... | ..... | 2 | ..... | 124,558 | 92,139 | 128,142 | 220,281 | 20,708 12 |
| Rideau Canal..... | 76,665 | 24,117 | 12,354 | ..... | ..... | ..... | ..... | ..... | 89,069 | 24,117 | 113,126 | 6,981 13 |
| Ottawa Canal..... | 443 | 516,784 | ..... | 177,416 | ..... | ..... | 128 | ..... | 571 | 604,200 | 604,771 | 56,961 55 |
| St. Peter's Canal..... | 23,180 | 32,263 | ..... | ..... | ..... | ..... | ..... | ..... | 23,180 | 32,263 | 55,443 | 2,919 67 |
| Trent Valley Canals..... | 24,966 | 164 | ..... | ..... | ..... | ..... | ..... | ..... | 24,966 | 164 | 25,130 | 492 28 |

B. H. TEAKLES,
Chief Clerk Canals Revenue.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 19th May, 1890.

APPENDIX A—Continued.

No. 23.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1889.

WELLAND AND ST. LAWRENCE CANALS.

| CANADIAN. | | | | | UNITED STATES. | | | | |
|----------------|---------|----------------|------------------|----------------|----------------|----------------|---------|------------------|--|
| Steam Vessels. | | | Sailing Vessels. | | Steam Vessels. | | | Sailing Vessels. | |
| Tonnage. | Number. | Total Tonnage. | Number. | Total Tonnage. | Number. | Total Tonnage. | Number. | Total Tonnage. | |
| 8 | 57 | 456 | 83 | 664 | 45 | 360 | 10 | 80 | |
| 10 | 17 | 170 | 32 | 320 | 11 | 110 | 4 | 40 | |
| 15 | 21 | 315 | 12 | 180 | 8 | 120 | 3 | 45 | |
| 20 | 21 | 420 | 23 | 460 | 7 | 140 | 8 | 160 | |
| 25 | 17 | 425 | 18 | 450 | 10 | 250 | 2 | 50 | |
| 30 | 27 | 810 | 11 | 330 | 12 | 360 | 6 | 180 | |
| 35 | 26 | 910 | 13 | 455 | 3 | 105 | 1 | 25 | |
| 40 | 26 | 1,040 | 55 | 2,200 | 8 | 320 | 10 | 400 | |
| 45 | 6 | 270 | 15 | 675 | 6 | 270 | 1 | 45 | |
| 50 | 16 | 800 | 47 | 2,350 | 3 | 150 | 1 | 50 | |
| 55 | 5 | 275 | 12 | 660 | 1 | 55 | | | |
| 60 | 10 | 600 | 17 | 1,020 | 1 | 60 | 7 | 420 | |
| 65 | 2 | 130 | 13 | 845 | 1 | 65 | | | |
| 70 | 8 | 560 | 16 | 1,120 | 1 | 70 | 2 | 140 | |
| 75 | 8 | 600 | 19 | 1,425 | 1 | 75 | 1 | 75 | |
| 80 | 4 | 320 | 32 | 2,560 | | | 5 | 400 | |
| 85 | 4 | 340 | 22 | 1,870 | 1 | 85 | 9 | 765 | |
| 90 | 7 | 630 | 35 | 3,150 | 1 | 90 | 21 | 1,890 | |
| 95 | 6 | 570 | 26 | 2,470 | 2 | 190 | 90 | 8,550 | |
| 100 | 6 | 600 | 52 | 5,200 | 2 | 200 | 98 | 9,800 | |
| 105 | 7 | 735 | 48 | 5,040 | 1 | 105 | 69 | 7,245 | |
| 110 | 6 | 660 | 39 | 4,290 | 6 | 660 | 26 | 2,860 | |
| 115 | 3 | 345 | 27 | 3,105 | 4 | 460 | 30 | 3,450 | |
| 120 | 2 | 240 | 18 | 2,160 | 3 | 320 | 13 | 1,560 | |
| 125 | 1 | 125 | 15 | 1,875 | | | 4 | 500 | |
| 130 | 1 | 130 | 25 | 3,250 | | | 6 | 780 | |
| 135 | 1 | 135 | 12 | 1,625 | 1 | 135 | 4 | 540 | |
| 140 | 1 | 140 | 14 | 1,960 | | | 2 | 280 | |
| 145 | 3 | 435 | 14 | 2,030 | | | | | |
| 150 | 1 | 150 | 29 | 4,350 | | | | | |
| 155 | 4 | 620 | 45 | 6,975 | | | | | |
| 160 | 2 | 320 | 30 | 4,800 | 3 | 480 | 3 | 480 | |
| 165 | 3 | 495 | 20 | 3,300 | | | | | |
| 170 | 1 | 170 | 8 | 1,360 | | | | | |
| 175 | 1 | 175 | 8 | 1,400 | 1 | 175 | 1 | 175 | |
| 180 | 1 | 180 | 3 | 540 | | | | | |
| 185 | 3 | 555 | 11 | 2,035 | | | | | |
| 190 | 1 | 190 | 8 | 1,520 | 1 | 190 | 1 | 190 | |
| 195 | | | 6 | 1,170 | | | 2 | 390 | |
| 200 | 7 | 1,400 | 16 | 3,200 | 2 | 400 | 3 | 600 | |
| 205 | 2 | 410 | 1 | 205 | | | 2 | 410 | |
| 210 | 2 | 420 | 7 | 1,470 | | | 3 | 630 | |
| 215 | 2 | 430 | 4 | 860 | | | | | |
| 220 | | | 4 | 880 | 1 | 220 | 2 | 440 | |
| 225 | | | 4 | 900 | | | 1 | 225 | |
| 230 | | | 8 | 1,849 | 1 | 230 | 3 | 690 | |
| 235 | 1 | 235 | 3 | 705 | | | 2 | 470 | |
| 240 | 2 | 480 | 2 | 480 | 2 | 480 | 1 | 240 | |
| 245 | 1 | 245 | 5 | 1,225 | | | 1 | 245 | |
| 250 | 2 | 500 | 2 | 500 | 1 | 250 | 2 | 500 | |
| 255 | | | 2 | 510 | 1 | 255 | 4 | 1,020 | |
| 260 | | | 2 | 520 | 1 | 260 | 5 | 1,300 | |
| 265 | | | 2 | 530 | 1 | 265 | 8 | 2,120 | |
| 270 | 3 | 810 | 6 | 1,620 | | | 9 | 2,430 | |
| 275 | 2 | 550 | 5 | 1,375 | | | 6 | 1,650 | |
| 280 | 1 | 280 | 3 | 840 | 2 | 560 | 5 | 1,400 | |

APPENDIX A—Continued.

No. 23.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals, &c.—Continued.

WELLAND AND ST. LAWRENCE CANALS—Continued

APPENDIX A—*Concluded.*

No. 23—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals, &c.—*Concluded.*

WELLAND AND ST. LAWRENCE CANALS—*Concluded.*

| CANADIAN. | | | UNITED STATES. | | | | | | | | |
|----------------|---------|----------------|------------------|----------------|---------|----------------|---------|----------------|------------------|----------------|---------|
| Steam Vessels. | | | Sailing Vessels. | | | Steam Vessels. | | | Sailing Vessels. | | |
| Tonnage. | Number. | Total Tonnage. | Number. | Total Tonnage. | Number. | Total Tonnage. | Number. | Total Tonnage. | Number. | Total Tonnage. | Number. |
| 565 | | | | | | | | | | | |
| 570 | 1 | 570 | 1 | 570 | | | | | | | |
| 575 | | | | | | | | | | | |
| 580 | 2 | 1,160 | | | | | | | | | |
| 585 | 2 | 1,170 | 1 | 585 | | | | | | | |
| 590 | 2 | 1,180 | | | | | | | | | |
| 595 | 2 | 1,190 | | | | | 1 | 595 | | | |
| 600 | | | | | | | 2 | 1,200 | | | |
| 605 | | | | | | | | | 1 | 605 | |
| 610 | | | | | | | | | | | |
| 615 | 1 | 615 | 1 | 615 | 1 | 615 | | | | | |
| 620 | | | | | | | 1 | 620 | 1 | 620 | |
| 625 | | | | | | | | | | | |
| 628 | | | 1 | 628 | | | | | | | |
| 640 | | | 1 | 640 | | | | | 1 | 640 | |
| 655 | | | | | | 4 | 2,620 | | | | |
| 660 | 1 | 660 | | | | 1 | 660 | | 1 | 660 | |
| 675 | | | | | | | | | | | |
| 690 | 1 | 690 | | | | 2 | 1,380 | | 1 | 690 | |
| 715 | 3 | 2,145 | 1 | 715 | | | | | | | |
| 769 | 1 | 769 | | | | 1 | 769 | | | | |
| 782 | | | | | | 1 | 782 | | 1 | 782 | |
| 802 | | | | | | | | | | | |
| 812 | 1 | 812 | | | | | | | 1 | 812 | |
| 836 | 1 | 836 | | | | 1 | 836 | | | | |
| 851 | | | | | | | | | 1 | 851 | |
| 910 | | | | | | 2 | 1,820 | | 2 | 1,820 | |
| 929 | 1 | 929 | | | | 1 | 929 | | | | |
| 985 | | | | | | 4 | 3,940 | | | | |
| 990 | | | | | | 1 | 990 | | | | |
| 1,001 | | | 1 | 1,001 | | 2 | 2,002 | | 1 | 1,001 | |
| 1,024 | | | | | | 3 | 3,072 | | | | |
| 1,035 | | | | | | 3 | 3,105 | | | | |
| 1,037 | | | | | | 1 | 1,037 | | | | |
| 1,105 | 1 | 1,105 | | | | 1 | 1,105 | | | | |
| 1,160 | | | | | | 1 | 1,160 | | | | |
| 1,172 | | | | | | | | | | | |
| 1,195 | | | | | | 1 | 1,195 | | 1 | 1,195 | |
| 1,203 | | | | | | 1 | 1,203 | | | | |
| 1,425 | | | | | | 1 | 1,425 | | | | |
| 1,441 | | | | | | 1 | 1,441 | | | | |
| Total | 432 | 55,932 | 1,158 | 154,158 | 209 | 49,081 | 625 | 107,181 | | | |

RIDEAU, OTTAWA AND CHAMBLY CANALS.

| | | | | | | | | |
|----|----|-----|----|-----|----|----|---|----|
| 8 | 53 | 424 | 71 | 568 | 12 | 96 | 8 | 64 |
| 10 | 14 | 140 | 28 | 280 | 2 | 20 | 2 | 20 |
| 15 | 5 | 75 | 3 | 45 | 2 | 30 | 1 | 15 |
| 20 | 2 | 40 | 4 | 80 | | | 3 | 60 |
| 25 | 5 | 125 | 5 | 125 | 1 | 25 | | |
| 30 | 3 | 90 | 4 | 120 | 1 | 30 | | |

APPENDIX A—Concluded.

No. 23—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals, &c.—Concluded.

RIDEAU, OTTAWA AND CHAMBLEY CANALS—Concluded.

| CANADIAN. | | | UNITED STATES. | | | | | | | | |
|----------------|---------|----------------|------------------|----------------|---|----------------|----------------|-----|------------------|----------------|--|
| Steam Vessels. | | | Sailing Vessels. | | | Steam Vessels. | | | Sailing Vessels. | | |
| Tonnage. | Number. | Total Tonnage. | Number. | Total Tonnage. | | Number. | Total Tonnage. | | Number. | Total Tonnage. | |
| 35 | 5 | 175 | 2 | 70 | | 1 | 35 | | 1 | 35 | |
| 40 | 2 | 80 | 2 | 80 | | | | | | | |
| 45 | 1 | 45 | 1 | 45 | | | | | | | |
| 50 | 4 | 200 | 4 | 200 | | 1 | 50 | | 1 | 50 | |
| 55 | 2 | 110 | 3 | 165 | | | | | | | |
| 60 | 2 | 120 | 4 | 240 | | | | | 1 | 60 | |
| 65 | 2 | 130 | 3 | 195 | | | | | 1 | 65 | |
| 70 | | | 2 | 140 | | | | | 1 | 70 | |
| 75 | 1 | 75 | 4 | 300 | 1 | 75 | | 2 | 150 | | |
| 80 | | | 6 | 480 | | | | 2 | 160 | | |
| 85 | 1 | 85 | 4 | 340 | | | | 10 | 850 | | |
| 90 | | | 9 | 810 | | | | 32 | 2,880 | | |
| 95 | 3 | 285 | 16 | 1,520 | | | | 120 | 11,400 | | |
| 100 | 1 | 100 | 10 | 1,000 | | | | 112 | 11,200 | | |
| 105 | 1 | 105 | 9 | 945 | | | | 43 | 4,515 | | |
| 110 | | | 4 | 440 | | | | 27 | 2,970 | | |
| 115 | | | 7 | 805 | | | | 15 | 1,725 | | |
| 120 | | | 6 | 720 | | | | 9 | 1,080 | | |
| 125 | 1 | 125 | 8 | 1,000 | | | | | | | |
| 130 | | | 5 | 650 | | | | | | | |
| 135 | 1 | 135 | 3 | 405 | | | | 1 | 135 | | |
| 140 | | | 3 | 420 | | | | | | | |
| 145 | | | 6 | 870 | | | | | | | |
| 150 | | | 12 | 1,800 | | | | | | | |
| 155 | 1 | 155 | 22 | 3,410 | | | | | | | |
| 160 | | | 6 | 960 | | | | | | | |
| 165 | | | 5 | 825 | | | | | | | |
| 170 | | | 1 | 170 | | | | | | | |
| 175 | | | | | | | | | | | |
| 180 | | | | | | | | | | | |
| 185 | 2 | 370 | 1 | 185 | | | | | | | |
| 190 | | | | | | | | | | | |
| 195 | | | | | | | | | | | |
| 200 | | | | | | | | | | | |
| 205 | | | | | | | | | | | |
| 210 | 1 | 210 | | | | | | | | | |
| 220 | | | | | | | | | | | |
| 225 | | | | | | | | | | | |
| 230 | 1 | 230 | 1 | 230 | | | | | | | |
| 235 | | | 1 | 235 | | | | | | | |
| 240 | | | | | | | | | | | |
| 245 | | | | | | | | | | | |
| 250 | | | | | | | | | | | |
| 255 | | | | | | | | | | | |
| 260 | | | | | | | | | | | |
| 265 | | | | | | | | | | | |
| 270 | | | | | | | | | | | |
| 275 | | | | | | | | | | | |
| 332 | | | | | | | | | | | |
| 345 | | | | | | | | | | | |
| 397 | 1 | 397 | | | | | | | | | |
| Total ... | 115 | 4,026 | 285 | 20,873 | | 21 | 361 | | 392 | 37,504 | |

B. H. TEAKLES, Chief Clerk Canals Revenue.

DEPARTMENT OF RAILWAYS AND CANALS, OTTAWA, 19th May, 1890.

SUPPLEMENTARY APPENDIX A.—Continued.

No. 24.—STATEMENT showing the Classified Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1889.

WELLAND AND ST. LAWRENCE CANALS.

| CANADIAN. | | | | | | | | UNITED STATES. | | | | | | | |
|------------------------|----------------|--------|------------------------|--------|-----------------|------------------------|----------|----------------|------------------------|-----|----------|--------|------------------|-----|----------|
| Class. | Steam Vessels. | No. | Tonnage. | Class. | Sailing Vessel. | No. | Tonnage. | Class. | Steam Vessels. | No. | Tonnage. | Class. | Sailing Vessels. | No. | Tonnage. |
| 1 250 to 1,105 tons... | 79 | 36,271 | 1 250 to 1,001 tons... | 171 | 61,204 | 1 250 to 1,441 tons... | 59 | 42,151 | 1 250 to 1,195 tons... | 167 | 61,056 | | | | |
| 2 200 to 249 " ... | 17 | 3,620 | 2 200 to 249 " ... | 54 | 11,765 | 2 200 to 249 " ... | 6 | 1,330 | 2 200 to 249 " ... | 18 | 3,950 | | | | |
| 3 150 to 199 " ... | 17 | 2,855 | 3 150 to 199 " ... | 168 | 27,450 | 3 150 to 199 " ... | 5 | 845 | 3 150 to 199 " ... | 7 | 1,235 | | | | |
| 4 100 to 149 " ... | 31 | 3,545 | 4 100 to 149 " ... | 264 | 30,535 | 4 100 to 149 " ... | 17 | 1,880 | 4 100 to 149 " ... | 252 | 27,015 | | | | |
| 5 50 to 99 " ... | 70 | 4,825 | 5 50 to 99 " ... | 239 | 17,470 | 5 50 to 99 " ... | 12 | 840 | 5 50 to 99 " ... | 136 | 12,290 | | | | |
| 6 Under 50 " ... | 218 | 4,816 | 6 Under 50 " ... | 262 | 5,734 | 6 Under 50 " ... | 110 | 2,035 | 6 Under 50 " ... | 45 | 1,035 | | | | |
| Total..... | 432 | 55,932 | Total..... | 1,158 | 154,158 | Total..... | 209 | 49,081 | Total..... | 625 | 107,181 | | | | |

RIDEAU, OTTAWA AND CHAMBLY.

| | | | | | | | | | | | |
|-----------------------|-----|-------|-----------------------|-----|--------|-----------------------|----|-----|-----------------------|-----|--------|
| 1 250 to 397 tons.... | 1 | 397 | 1 250 to 379 tons.... | | | 1 250 to 397 tons.... | | | 1 250 to 397 tons.... | | |
| 2 200 to 249 " | 2 | 440 | 2 200 to 249 " | 2 | 465 | 2 200 to 249 " | | | 2 200 to 249 " | | |
| 3 150 to 199 " | 3 | 525 | 3 150 to 199 " | 47 | 7,350 | 3 150 to 199 " | | | 3 150 to 199 " | | |
| 4 100 to 149 " | 4 | 465 | 4 100 to 149 " | 61 | 7,255 | 4 100 to 149 " | | | 4 100 to 149 " | 207 | 21,625 |
| 5 50 to 99 " | 15 | 1,005 | 5 50 to 99 " | 55 | 4,390 | 5 50 to 99 " | 2 | 125 | 5 50 to 99 " | 170 | 15,685 |
| 6 Under 50 " | 90 | 1,194 | 6 Under 50 " | 120 | 1,413 | 6 Under 50 " | 19 | 236 | 6 Under 50 " | 15 | 194 |
| Total..... | 115 | 4,026 | Total | 285 | 20,873 | Total | 21 | 361 | Total | 392 | 37,504 |

B. H. TEAKLES,
Chief Clerk Canals Revenue.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 19th May, 1890.

of the Dominion of Canada, 1889.

CANALS (TRENT VALLEY CANAL, O.C. 25TH JULY, 1888.)

| 1ST SECTION. | 2ND SECTION. | 3RD SECTION. | 4TH SECTION. | THROUGH. | Whitlaw's to Hastings. |
|--|---------------------------------------|-------------------------------------|-------------------------------------|--|--------------------------------------|
| Fenelon Falls to Bobcaygeon. | Bobcaygeon to Buckhorn. | Buckhorn to Burleigh. | Burleigh to Lakefield. | Fenelon Falls to Lakefield. | |
| Tolls Chargeable at Fenelon Falls. | Tolls Chargeable at Bobcaygeon. | Tolls Chargeable at Buckhorn. | Tolls Chargeable at Burleigh. | Tolls Chargeable at Fenelon Falls. | Tolls Chargeable at Whitlaw's. |
| 8 cts. | 8 cts. | 8 cts. | 8 cts. | 8 cts. | 8 cts. |
| 0 00 ₃ ⁴ | 0 00 ₃ ⁵ | 0 00 ₃ ⁵ | 0 00 ₃ ⁵ | 0 00 ₃ ⁴ | 0 00 ₃ ⁵ |
| 0 00 ₄ ¹ | 0 00 ₃ ² | 0 00 ₃ ² | 0 00 ₃ ² | 0 01 | 0 00 ₃ ² |
| 0 01 | 0 01 | 0 01 | 0 01 | 0 04 | 0 01 |
| 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 02 | 0 00 ₂ ¹ |
| 0 01 | 0 01 | 0 01 | 0 01 | 0 04 | 0 01 |
| 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 00 ₂ ¹ | | |
| 0 03 | 0 03 | 0 03 | 0 03 | 0 12 | 0 03 |
| 0 01 | 0 01 | 0 01 | 0 01 | 0 04 | 0 01 |
| 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 01 | 0 00 ₂ ¹ |
| 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 01 | 0 00 ₂ ¹ |
| 0 13 | 0 13 | 0 13 | 0 13 | 0 52 | 0 13 |
| 0 03 | 0 03 | 0 03 | 0 03 | 0 10 | 0 03 |
| 0 04 | 0 04 | 0 04 | 0 04 | 0 14 | 0 04 |
| 0 02 | 0 02 | 0 02 | 0 02 | 0 08 | 0 02 |
| 0 02 | 0 02 | 0 02 | 0 02 | 0 08 | 0 02 |
| 0 01 | 0 01 | 0 01 | 0 01 | 0 04 | 0 01 |
| 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 00 ₂ ¹ |
| 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 00 ₂ ¹ | 0 01 | 0 00 ₂ ¹ |
| 0 03 | 0 03 | 0 03 | 0 03 | 0 10 | 0 03 |
| 0 04 | 0 04 | 0 04 | 0 04 | 0 14 | 0 04 |
| 0 07 | 0 07 | 0 07 | 0 07 | 0 28 | 0 07 |
| 0 14 | 0 14 | 0 14 | 0 14 | 0 56 | 0 14 |

No. 25.—RATES of Tolls on the Canals of the
WELLAND, ST. LAWRENCE, RIDEAU, OTTAWA AND CHAMBLY CANALS

The Rates of Tolls are divided into Five Classes, as under, and are per ton, unless otherwise specified.

| The Rates of Tolls are divided into Five Classes, as under, and are per ton, unless otherwise specified. | | | | | | | | | |
|--|---------|-----------|------|------|----------|-------|-------|-------|--|
| Class No. 5—Concluded. | | | | | | | | | |
| Waggon Stuff, Woodenware and Wood, partly manufactured, per ton of 40 cubic feet..... | \$ 0 40 | cts. 0 40 | 0 40 | 0 40 | 0 25 | 0 30 | 0 20 | 0 55 | |
| Shingles, per M..... | 0 06 | 0 06 | 0 06 | 0 06 | 0 04 | 0 04½ | 0 02½ | 0 08 | |
| Split Posts and Fence Rails, per M., in Vessels..... | 0 40 | 0 40 | 0 40 | 0 40 | 0 20 | 0 23 | 0 12 | 0 42 | |
| Split Posts and Fence Rails, per M., in Rafts..... | 0 80 | 0 80 | 0 80 | 0 80 | 0 40 | 0 38 | 0 17 | 0 77 | |
| Sawlogs, each standard log..... | 0 08 | 0 08 | 0 08 | 0 08 | 0 05 | 0 06 | 0 06 | 0 13 | |
| Staves and Headings, Barrel, per M..... | 0 40 | 0 40 | 0 40 | 0 20 | 0 15 | 0 15 | 0 10 | 0 30 | |
| do Pipe do..... | 1 50 | 1 50 | 1 50 | 1 00 | 1 00 | 0 75 | 0 50 | 1 75 | |
| do West India, per M..... | 0 75 | 0 75 | 0 75 | 0 60 | 0 25 | 0 45 | 0 25 | 0 65 | |
| do Salt Barrel, Sawn or Cut, per M..... | 0 08 | 0 08 | 0 08 | 0 04 | 0 03 | 0 03 | 0 02 | 0 06 | |
| Traverses, per 100 pieces..... | 0 50 | 0 50 | 0 50 | 0 50 | 0 40 | 0 38 | 0 15 | 0 67½ | |
| Hop Poles, per 1,000 pieces..... | 2 00 | 2 00 | 2 00 | 2 00 | 1 50 | 1 50 | 0 65 | 2 65 | |
| Special Class. | | | | | | | | | |
| Gypsum, crude (per O.C., 28th Oct., 1882). | 0 15 | 0 05 | 0 05 | 0 05 | westward | | | | |
| Coal..... | 0 20 | 0 20 | 0 20 | 0 15 | 0 10 | 0 08 | 0 05 | 0 17½ | |
| Stone, unwrought, corded, and not suitable for cutting, per cord..... | 0 75 | 0 75 | 0 75 | 0 60 | 0 37½ | 0 28 | 0 24 | 0 77½ | |
| Kryolite, Iron Ore or Chemical Ore..... | 0 05 | 0 05 | 0 05 | 0 05 | 0 05 | 0 05 | 0 05 | 0 05 | |
| Ice..... | 0 05 | 0 05 | 0 05 | | | | | | |

Dominion of Canada, 1889—*Concluded.*TRENT VALLEY CANAL, O. C., 25TH JULY, 1888.)—*Concluded.*

| 1ST SECTION. | 2ND SECTION. | 3RD SECTION. | 4TH SECTION. | THROUGH. | Whitlaw's to Hastings. |
|--|---------------------------------------|-------------------------------------|-------------------------------------|--|--------------------------------------|
| Fenelon Falls to Bobcaygeon. | Bobcaygeon to Buckhorn. | Buckhorn to Burleigh. | Burleigh to Lakefield. | Fenelon Falls to Lakefield. | |
| Tolls Chargeable at Fenelon Falls. | Tolls Chargeable at Bobcaygeon. | Tolls Chargeable at Buckhorn. | Tolls Chargeable at Burleigh. | Tolls Chargeable at Fenelon Falls. | Tolls Chargeable at Whitlaw's. |
| \$ cts. | \$ cts. | \$ cts. | \$ cts. | \$ cts. | \$ cts. |
| 0 04 | 0 04 | 0 04 | 0 04 | 0 16 | 0 04 |
| 0 00 $\frac{3}{4}$ | 0 00 $\frac{3}{4}$ | 0 00 $\frac{3}{4}$ | 0 00 $\frac{3}{4}$ | 0 03 | 0 00 $\frac{3}{4}$ |
| 0 03 | 0 03 | 0 03 | 0 03 | 0 12 | 0 03 |
| 0 05 | 0 05 | 0 05 | 0 05 | 0 20 | 0 05 |
| 0 00 $\frac{3}{4}$ | 0 00 $\frac{3}{4}$ | 0 00 $\frac{3}{4}$ | 0 00 $\frac{3}{4}$ | 0 03 | 0 00 $\frac{3}{4}$ |
| 0 02 | 0 02 | 0 02 | 0 02 | 0 08 | 0 02 |
| 0 10 | 0 10 | 0 10 | 0 10 | 0 40 | 0 10 |
| 0 05 $\frac{1}{2}$ | 0 05 $\frac{1}{2}$ | 0 05 $\frac{1}{2}$ | 0 05 $\frac{1}{2}$ | 0 22 | 0 05 $\frac{1}{2}$ |
| 0 00 $\frac{1}{2}$ | 0 00 $\frac{1}{2}$ | 0 00 $\frac{1}{2}$ | 0 00 $\frac{1}{2}$ | 0 02 | 0 00 $\frac{1}{2}$ |
| 0 05 | 0 05 | 0 05 | 0 05 | 0 20 | 0 05 |
| 0 20 | 0 20 | 0 20 | 0 20 | 0 80 | 0 20 |
| Free. | Free. | Free. | Free. | Free. | Free. |
| 0 01 | 0 01 | 0 01 | 0 01 | 0 04 | 0 01 |
| 0 03 $\frac{1}{2}$ | 0 03 $\frac{1}{2}$ | 0 03 $\frac{1}{2}$ | 0 03 $\frac{1}{2}$ | 0 14 | 0 03 $\frac{1}{2}$ |
| 0 00 $\frac{3}{4}$ | 0 00 $\frac{3}{4}$ | 0 00 $\frac{3}{4}$ | 0 00 $\frac{3}{4}$ | 0 03 | 0 00 $\frac{3}{4}$ |
| Free. | Free. | Free. | Free. | Free. | Free. |

No. 25—Continued.

NOTICE.—Continued.

NOTE—Coal to pass up all Canals, except the Welland Canal, free of Toll, as per Order in Council, 7th June, 1869.

Logs, Lumber or other produce shall pass free of Toll down the Chippawa Creek, between the aqueduct and Port Robinson, as per O. C., 18th May, 1863.

Iron Ore, Kryolite or Chemical Ore, through one section, or all the Canals, per ton, 5 cents.

All goods having paid full Toll through the whole line of the St. Lawrence Canals, or through the Lachine Canal, St. Ann's Lock, or Ottawa and Rideau Canals, shall be allowed to pass free through the Welland Canal; and if Tolls have been paid at the Champlain Canal, such Tolls shall be refunded at Montreal or Kingston Mills; and having paid full Tolls through the Welland Canal, they shall be allowed to pass free through the St. Lawrence Canals, or through the Ottawa and Rideau Canals, St. Ann's Lock, the Lachine Canal and the Champlain Canal; Provided always, that the articles to be entitled to above exemptions shall go downwards through the whole length of the Canal to Montreal, or pass upward from Montreal through the whole length of the St. Lawrence Canals, or the Ottawa and Rideau Canals to Lake Ontario.

All articles, goods or merchandise not enumerated above, to be charged to class No. 4.

No Let Passes to be issued to Steam Tugs or other small vessels for less than 25 cents, as a minimum charge; but such vessels, not carrying freight or passengers, can obtain on payment of \$30 a season "Let Pass," which will pass them up and down the Canals as often as desired.

Goods shipped to any port west of the St. Lawrence Canals, Tolls upon which have already been paid for passage through such Canals, may be re-shipped from such ports and be passed through the Welland Canal free of Tolls, in the same way as if they had been shipped through direct in the first instance; and goods going eastward, having paid Welland Canal Tolls, may be transhipped at any port on Lake Ontario, and thereafter pass free through the St. Lawrence Canals, as if they had been shipped through direct in the first instance.

NOTICES.

CONTRACTORS' VESSELS AND CARGOES FREE.

O. C., 22nd April, 1884.—The Committee, on the recommendation of the Minister of Inland Revenue, advise that the Order in Council, dated 18th September, 1873, authorizing that all vessels owned or chartered by persons having contracts for the enlargement or repair of any of the Canals and employed by them in removing earth or carrying materials necessary for the prosecution of such works, be entitled to pass through such Canals free of Tolls, be amended by adding thereto after the last word "Tolls" the words "upon such vessel and cargo," and that the said amendment be deemed to apply from the date of the aforesaid Order in Council.

SPECIAL RATES FOR CEREALS GOING EAST.

O. C., 18th March, 1889.—Whereas it is considered expedient that the special rate of toll for the passage through the Welland Canal and the St. Lawrence Canals of certain easterly-bound food products, in force during the last season of navigation, should be continued during the forthcoming season, His Excellency the Governor General in Council, in pursuance of the provisions of the 13th section of Chapter 37 of the Revised Statutes of Canada, intituled: "An Act respecting the Department of Railways and Canals," has been pleased to order, and it is hereby ordered that the special rates of toll of two (2) cents per ton adopted last year for the passage through the Welland and St. Lawrence Canals of certain Cereals, Wheat, Indian Corn, Peas, Barley and Rye, when shipped for Montreal, or for any other port East of Montreal, be continued during the forthcoming season of navigation and no longer, such toll covering the Welland and St. Lawrence Canals.

His Excellency has been further pleased to order the continuance, for the same period only, of the arrangement under which the said food products, if they have paid the ordinary full toll for passage through the Welland Canal, shall be entitled to exemption from payment of any further toll for passage through any portion of the St. Lawrence Canal system, even if not traversing the whole distance to Montreal.

RAFTS, CARILLON CANAL.

O. C., 6th July, 1888.—On a memorandum dated 30th June, 1888, from the Minister of Railways and Canals representing that under an Order in Council, Rafts have been allowed free passage through the Carillon Canal, in view of the Dam constructed across the Ottawa River at Carillon, whereby the passage of the rapids at that point through the river was rendered difficult and at times impracticable.

The Minister states, that it appears to be necessary owing to the continued difficulty attending passage through the slide built in the Dam, that the Canal should be used by Rafts; and he recommends that dating from the opening of the present season and henceforward and until otherwise ordered, free passage be given to Rafts through the Carillon Canal, subject to such regulations as the Department of Railways and Canals may find it necessary in the interest of the traffic of the Canal to adopt.

49 VIC., CHAP. 32.

AN ACT RESPECTING THE BURLINGTON BAY CANAL.

[Assented to 2nd June, 1886.]

WHEREAS it is expedient in the interests of navigation, and for the convenience of the public, that Tolls for the use of the public work hereinafter mentioned should no longer be collected: Therefore Her Majesty, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows:—

No. 25—Continued.

NOTICE—Continued.

1. Notwithstanding anything contained in the Act thirty-first Victoria, chapter twelve, intituled : “*An Act respecting the Public Works of Canada*,” no tolls shall hereafter be payable or collected in respect of the use of the public work near the City of Hamilton, in the Province of Ontario, commonly called the Burlington Bay Canal.

“STEEL” CLASSED WITH “IRON” AT 15c. ON ST. LAWRENCE CANALS ONLY.

O. C., 1st February, 1888.—WHEREAS the Minister of Railways and Canals reports that under the provisions of the existing tariff of tolls on the Dominion Canals established by an Order in Council of the 23rd June, 1883, an undesirable discrimination is in force between iron and steel for passage through the St. Lawrence Canals, iron being specified in class 3 and charged 15 cts. per ton, while steel, not being classified specially, comes under “class 4,” namely, “all other articles not enumerated,” and is charged 20 cts. per ton.

His Excellency in Council, on the recommendation of the Minister of Railways and Canals, and under the provisions of the 13th section of chapter 37 of the Revised Statutes of Canada, intituled : “*An Act respecting the Department of Railways and Canals*,” has been pleased to order and it is hereby ordered, that the said Order in Council of the 23rd June, 1883, establishing the tariff of the tolls on the Canals of the Dominion, be and the same is hereby modified so as to place “steel” in the same category as “iron,” making charge thereon 15 cts. per ton.

ST. PETER’S CANAL.

On each and every vessel passing through the said Canal, two cents per ton on the vessel, and one cent per ton on the freight, each way.

The following Way Rates to be levied on Vessels and Property passing the several Sub-Divisions of the Canals.

| | WELLAND CANAL. | Rate. |
|--|----------------|-------|
| 1. From Port Maitland, Dunnville and Port Colborne to Port Robinson or Allanburg, not passing the Lock, each way | | 15 |
| 2. From Chippewa Cut, or any part thereof, to Dunnville, Port Maitland or Port Colborne | | 15 |
| 3. From Dunnville to Port Colborne | | 15 |
| 4. From Thorold to St. Catharines or Port Dalhousie | | 15 |
| 5. From Maitland, Dunnville, Colborne or Port Robinson to Marshville and intermediate places | | 15 |
| 6. From Marshville or intermediate places to Port Maitland, Dunnville, Port Colborne and Port Robinson | | 15 |
| 7. From Port Robinson to Allanburg or Thorold | | 15 |
| 8. do St. Catharines or Port Dalhousie | | 15 |
| 9. From St. Catharines to Port Dalhousie | | 15 |
| 10. From Dunnville to Maitland | | 15 |
| 11. From Port Robinson through the Lock and Chippewa Cut | | 15 |
| 12. From Port Colborne to Port Maitland | | 15 |
| 13. From Chippewa Cut through Lock to Port Robinson | | 15 |
| 14. From Colborne, Dunnville, Maitland and Marshville to Thorold | | 15 |
| 15. do do do St. Catharines | | 15 |
| 16. Through the Chippewa cut only | | 15 |
| 17. Through the Port Robinson Lock only | | 15 |

ST. LAWRENCE CANALS.

The Navigation to be divided into four sections, viz.: Cardinal, Cornwall, Beauharnois and Lachine. Tolls to be levied on all vessels and property in proportion to the number of sections passed through.

CHAMBLY CANAL.

| | | |
|--|--|-------|
| Vessels and property passing from Sorel to Chambly, to pay ..... |  | ..... |
| do do Chambly to St. John’s, to pay ..... |  | ..... |

OTTAWA CANALS.

The Navigation to be divided into three sections, viz.: Grenville, Carrillon and St. Ann’s. Tolls to be levied on all vessels and property in proportion to the number of sections passed through.

RIDEAU CANAL.

The Navigation of this Canal is divided into three sections: “Ottawa,” “Smith’s Falls” and “Kingston Mills.” Vessels and freight passing one section, to be charged one-third; two sections, two-thirds.

No. 25—Continued.

NOTICE—Continued.

GENERAL.

Any fraction of a ton freight to be charged one ton, and portions of sections to be charged as a whole section on all the above Canals.
The passing of Saw-Logs or other Lumber through any of the Canals, or sections thereof, is to be at all times governed by the Regulations for their management.

HARBOUR DUES.

Vessels receiving or discharging Freight at the premises of the Welland Railway, at Ports Colborne or Dalhousie, are to be free from Harbour Dues; but all other Vessels discharging or receiving cargo at Port Dalhousie, Port Colborne or Port Maitland, shall pay on every ton of Freight so received or discharged—Two cents.

STANDARD FOR ESTIMATING WEIGHTS.

Tons.

| | |
|--|----|
| 2,000 lbs. avoirdupois..... | 1 |
| Per M. is per thousand feet..... | 1 |
| Per Mille is per thousand pieces..... | 1 |
| Green Fruit, 9 barrels are..... | 1 |
| Ashes 3 do..... | 1 |
| Bark, 4 cords..... | 1 |
| Beef, 7 barrels..... | 1 |
| Biscuit and Crackers, 9 barrels..... | 1 |
| Bricks, common, 1,000..... | 2 |
| Butter, 22 kegs or 7 barrels..... | 1 |
| Cattle, 3..... | 1 |
| Cement and Water Lime, 7 barrels..... | 1 |
| Fire Bricks, 1,000..... | 3 |
| Fish, 7 barrels..... | 1 |
| Flour, 9 barrels..... | 1 |
| Gypsum and Manganese, 6 barrels..... | 1 |
| Horses, 2..... | 1 |
| Lard and Tallow, 7 barrels or 22 kegs..... | 1 |
| Liquors and Spirits, 215 gallons..... | 1 |
| Liquors, all other, 215 gallons..... | 1 |
| Nuts, 9 barrels..... | 1 |
| Oysters, 6 barrels..... | 1 |
| Pork, 7 barrels..... | 1 |
| Salt, 7 barrels..... | 1 |
| Seeds, 9 barrels..... | 1 |
| Sheep, 20..... | 1 |
| Stone, 12 cubic feet..... | 1 |
| Stone, 1 cord..... | 7½ |
| Whiskey, 4 barrels or 215 gallons..... | 1 |
| Empty barrels, 10..... | 1 |
| Barrel Hoops, 10 Mille..... | 1 |
| Board and other Sawn Lumber, 600 feet board measure..... | 1 |
| Boat Knees, 4..... | 1 |
| Firewood, 1 cord..... | 3 |
| Hop Poles, 60, or 40 cubic feet..... | 1 |
| Shingles, 12 M, or bundles..... | 1 |
| Split Posts and Fence Rails, 1 Mille..... | 1 |
| Staves and Headings, Pipe, 1 Mille..... | 8 |
| do West India, 1 Mille..... | 4 |
| do Barrel, 1 Mille..... | 2½ |
| do Salt Barrel, 1 Mille..... | 2½ |
| Saw Logs, Standard, 1..... | 1 |
| Square Timber, 50 cubic feet..... | 1 |
| Telegraph Poles, 10, or 40 cubic feet..... | 1 |
| Masts and Spars, 40 cubic feet..... | 1 |
| Railroad Ties, 16, or 50 cubic feet..... | 1 |
| All other Woodenware, or partly manufactured Wood, 40 cubic feet, as per Tariff..... | 1 |
| Floats, 50 lineal feet..... | 1 |
| Traverses, 40 cubic feet or 5 pieces..... | 1 |

NOTE.—By the Weights and Measures Act of 1873, the following articles are to be estimated by the cental of 100 lbs., viz.:—Barley, Beans, Charcoal, Corn, Oats, Peas, Potatoes, Rye, Salt, Seeds and Wheat, the weight equivalent to a bushel being as follows:—Wheat, sixty pounds; Indian corn, fifty-six pounds; Rye, fifty-six pounds; Peas, sixty pounds; Barley, forty-eight pounds; Oats, thirty-four pounds; Buckwheat, forty-eight pounds; Beans, sixty pounds; Potatoes, sixty pounds.

No. 25—Continued.

NOTICE—Continued.

RATES OF TOLL ON PROPERTY STORED AT THE SHEDS AT LACHINE CANAL BASIN.

A PROCLAMATION.

WHEREAS it is expedient to provide for the levying of Tolls on the several Public Works constructed at the expense of the Province hereinafter mentioned; Know Ye, therefore, that from and after the date of these presents, and until such further time as Her Majesty's pleasure shall be made known in this behalf, there shall be paid for the use of Her Majesty, Her Heirs and Successors, to such person or persons as shall be duly authorized to receive the same, for passage and in the name of Tolls, the several sums agreeably to the scales which accompany these presents. Of all of which Her Majesty's loving subjects, and all others whom those presents may concern, are hereby required to take notice and to govern themselves accordingly.

Given under my hand and seal, at Montreal, the twenty-first day of August, in the year of our Lord one thousand eight hundred and forty-six, and the tenth year of Her Majesty's reign.

By command,
 (Signed) D. DALY, (Signed) CATHCART.
Secretary.

TABLE OF THE TOLLS TO BE LEVIED UPON PROPERTY STORED AT THE SHEDS AT THE LACHINE CANAL BASIN.

| | s. d. |
|--|---------------|
| Wheat and other grain, per week, per bushel | $\frac{1}{2}$ |
| Flour and meal, per week, per barrel | 2 |
| Pork, beef, butter and lard, per week, per barrel | 3 |
| Muscovado sugar, per week, per hhd., 6d. per barrel | 3 |
| Liquors, per week (per pipe, 9d. per pincneon | $\frac{7}{2}$ |
| Iron, bars, per week, per ton | 4 |
| Iron, pig, per week, per ton | 6 |
| Salt, per week, per 100 minots | 1 8 |
| Bales, crates, cases, &c., per week, per ton weight or measurement | 1 0 |
| Coals, per week, per chaldron | 6 |

1. No charge made for property stored in the Sheds at the Lachine Canal Basin, for the first forty-eight hours, after which period the foregoing rates of storage for the use of the sheds, are to be raised, levied and collected.
2. Articles unenumerated are to be charged according to the above rates.
3. All property stored in the sheds remaining after the first forty-eight hours, will be liable to one week's storage, although it only should have been stored for a portion of the same, and so on for each succeeding week.
4. The labour of receiving property into the sheds and delivering the same, to be at the expense of, and to be furnished by the owners of the property or their agents.
5. All property stored in the sheds to be at the risk of the proprietor, from damage by fire or otherwise.
6. All dues for storage to be paid before the removal of the property.

Notice is hereby given that His Excellency the Governor General in Council has been pleased to authorize the Tolls levied upon property stored at the sheds at the Lachine Canal Basin, under Proclamation dated 21st August last, to be continued until further orders.

By command,
 (Signed) J. W. DUNSCOMB,
Commissioner of Customs.

INSPECTOR GENERAL'S OFFICE,
 CUSTOM'S DEPARTMENT, 28th October, 1846.

INSPECTOR GENERAL'S OFFICE,
 CUSTOM'S DEPARTMENT,
 TORONTO, 31st May, 1858.

Notice is hereby given that His Excellency the Governor General has been pleased by an Order in Council bearing this day's date, to order and direct that the storage of flour in the sheds at the Lachine Canal Basins at Montreal be, until otherwise ordered, governed by the following regulations, viz.:—

1. Flour shall be allowed to remain in the sheds for two whole days free of charge;
2. If kept there beyond two days or 48 hours, such flour to be liable to a charge of one cent. per day per barrel, for the first four days after the expiration of the 48 hours of exemption;

No. 25—Continued.

NOTICE—Continued.

3. Should the flour be kept in the sheds beyond four days at one cent per day per barrel, it shall be liable to pay two cents per day per barrel for every day subsequent to the expiration of such four days ;
 4. Any part of a day to be considered as one day.

By command,

(Signed)

R. S. M. BOUCHETTE,

Commissioner of Customs.

PRIVY COUNCIL OFFICE,

OTTAWA, 12th June, 1880.

On the recommendation of the Honorable the Minister of Railways and Canals, the Committee advise that the rates chargeable for the storage of salt at the St. Gabriel's Sheds, Montreal, under the authority of an Order in Council, dated 1st July, 1846, whereby such rates were fixed at one cent per bag per week, after the expiry of the first 48 hours, be now amended, and the rate be reduced to one-half a cent per bag per week after the first 48 hours.

The Committee submit the above recommendation for your Excellency's approval.

(Signed) J. O. COTÉ,
Clerk, Privy Council.

TOLLS ON VESSELS TRADING TO LOWER PORTS AND ENTERING THE LACHINE CANAL AT MONTREAL HARBOUR.

GOVERNMENT HOUSE,

QUEBEC, 8th June, 1860.

His Excellency the Governor in Council is pleased to order, and it is hereby ordered, that from and after the date hereof, the following Rates of Tolls shall be levied upon Vessels trading to Lower Ports, and entering the Lachine Canal from the Harbour of Montreal, and on certain goods herein mentioned; said Vessels to be allowed 48 hours for discharge of cargo before the following be incurred; and said discharge to be made below the St. Gabriel Lock.

| Class of Vessels. | Rate of Toll. |
|--|---------------|
| Steamboats measuring 50 tons and upwards, per Ton Register, per day of 24 hours..... | 8 mills. |
| All other vessels measuring 50 tons and upwards, per Ton Register, per day of 24 hours..... | 4 do |
| Steamboat measuring under 50 Tons Register, each day of 24 hours..... | 40 cents. |
| All other vessels measuring from 25 to 50 Tons Register, per day of 24 hours..... | 20 do |
| All vessels measuring less than 25 Tons Register, per day of 24 hours..... | 10 do |
| Coal, per chaldron..... | 10 do |
| Salt, per 100 Minots..... | 15 do |
| Iron of all kinds, per ton weight..... | 15 do |
| Merchandise, as in Class No. 6 of the Tariff of Tolls on Provincial Canals..... | 10 do |
| Provided always that the above Tolls be levied only on goods for consumption in Montreal, and on vessels trading with that Port. | |

(Signed) W. H. LEE,
Clerk, Privy Council.

CHARGES FOR WHARFAGE OF FIREWOOD ON WHARVES AND BANKS OF LACHINE CANAL.

- O. C., 7th August, 1860.—1. On the recommendation of the Honorable Commissioner of Public Works, His Excellency the Governor General in Council is pleased to order, and it is hereby ordered, that the Rates of Toll authorized by an Order of His Excellency in Council of the 8th June last, to be collected on firewood on wharves at Lachine and Lachine Canal, and lying between Wellington Bridge and Lock No. 5, and on wharves in Lachine Canal Basin, be, and they are hereby altered and changed, and His Excellency is pleased to order that in lieu thereof, the following Rates of Tolls shall be collected as herein mentioned, that is to say :
2. Firewood landed on wharves or banks of the Canal, or in boats, barges or other craft, occupying any of the basins between Wellington Street Bridge and Lock No. 3, 4 cents per cord, and for every day the wood is allowed to remain in either the Canal or Basin, or on the wharves or banks after the first five days, an additional charge of 4 cents per cord will be made.
- Firewood on bank of Canal between Lock No. 3 and Lock No. 5, and on wharves in Canal Basin at Lachine :

| | Per Cord. |
|--|-----------|
| For receiving timber, &c., to include use of basin or wharf for one month..... | 3 cents. |
| For each succeeding month during the season of navigation..... | do |
| For wintering in basin or on wharf..... | do |

No. 25—Continued.

NOTICE—Continued.

GOVERNMENT HOUSE,

QUEBEC, 27th January, 1862.

Present:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

On the recommendation of the Honourable the Commissioner of Public Works, His Excellency in Council has been pleased to order, and it is hereby ordered, that the provisions of the Order in Council of the 8th day of June, 1860, as amended by the Order in Council of the 7th of August following, respecting the Rates of Toll to be collected on firewood on wharves at Lachine, and the Lachine Canal and Basin, be and they are hereby extended and made applicable to the banks and grounds at Côte St. Paul and at Lachine.

(Signed) W. H. LEE,

Clerk, Privy Council.

GOVERNMENT HOUSE,

OTTAWA, 4th February, 1880.

Present:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

Whereas by Order in Council, dated the 8th June, 1860, authority was given for the collection of the following Rates of Toll on "fire-wood on bank of Canal between Lock No. 3 and Lock No. 5, and also on wharves in Canal Basin at Lachine":

Per Cord.

| | |
|--|----------|
| For receiving timber, &c., to include use of basin or wharf for one month..... | 3 cents. |
| For each succeeding month during the season of navigation..... | do |
| For wintering in basin or on wharf..... | do |

And whereas it has been shown that at present great difficulty exists in the collection of monthly dues on firewood, and the abolition of these charges will facilitate business and add to the revenue; His Excellency the Governor in Council, on the recommendation of the Honourable the Minister of Railways and Canals, has been pleased to order, and it is hereby ordered, that the clause of the Order in Council of the 8th June, 1860, under which said charges have been payable, be and it is hereby cancelled, such cancellation to take effect on and after the 1st day of July, 1880.

(Signed) J. O. COTE,

Clerk, Privy Council.

THE CANAL BASINS WITHIN THE CITY LIMITS OF MONTREAL TO BE CONSIDERED AS PART OF THE MONTREAL HARBOUR FOR CERTAIN PURPOSES.

GOVERNMENT HOUSE,

OTTAWA, 8th August, 1878.

Present:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

- Whereas the Honourable the Minister of Public Works has represented: That under existing regulations for the collection of Canal Tolls, eastern bound vessels having paid the charges one way in full through the Welland Canal, are chargeable one section Canal Toll if re-entering the Lachine Canal;
- That vessels loaded with grain destined for the Montreal harbour frequently unload only part of their cargoes on board sea-going vessels in that harbour, and re-enter the Lachine Canal for the purpose of unloading the balance of their cargoes either in elevators or mills located along the canal basins;
- That in his opinion those vessels having paid the charges one way in full through the Welland Canal, should be allowed to re-enter the Lachine Canal free of Tolls, for the purpose before mentioned.
- Whereupon His Excellency in Council, on the recommendation of the Honourable the Minister of Public Works, has been pleased to order, and it is hereby ordered, that the canal basins within the city limits be considered as part of the Montreal harbour, in so far only as regards the collection of Tolls on the class of vessels above referred to, which re-enter that portion of the canal for the purpose of unloading the balance of their cargoes, but that the same shall not apply any further, as in the event of vessels returning to the harbour to take cargo, in which case the usual Toll shall be charged against them on passing out of the canal a second time into the harbor.

(Signed) W. A. HIMSWORTH,

Clerk, Privy Council.

No. 25.—Continued.

NOTICE—Continued.

GOVERNMENT HOUSE,

OTTAWA, 12th July, 1881.

Present:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

5. Whereas representations have been made by parties interested, showing that vessels laden with grain for delivery in Montreal Harbour, frequently carry also deck loads of phosphates, and that being compelled to proceed at once to the Harbour for the discharge of the grain, and pay tolls through to that point, subsequently re-entering the Lachine Canal for the storage of the phosphates, and, in accordance with the existing regulations, paying canal dues a second time for such re-entry.
6. And whereas a similar difficulty having been experienced with regard to the storage of surplus grain not required for shipment, an Order in Council was passed on the 8th of August, 1878, allowing re-entry free of Tolls for the purpose indicated; His Excellency in Council, on the recommendation of the Hon. the Acting Minister of Railways and Canals, has been pleased to order, and it is hereby ordered, that the Lachine Canal Basins within the Montreal City limits be henceforward considered as part of the Montreal Harbour, for the purposes of the unloading of phosphates carried by vessels in addition to their grain cargoes, as above described; it being, however, provided that in the event of their returning to the harbour to take cargo, the usual Tolls shall be charged against such vessels on their passing out of the Canal a second time.

(Signed),

J. O. COTE,

Clerk, Privy Council.

RATES OF CHARGES ON VESSELS WINTERING IN LACHINE CANAL.

GOVERNMENT HOUSE,

OTTAWA, 22 August, 1879.

Present:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

1. Whereas, the Honourable the Acting Minister of Railways and Canals has represented that by the Act 36 Vic., Chap. 128, a system of Measurement and Registration of Shipping was, for the sake of uniformity, adopted, which, by including portions of a Vessel exempted from Measurement by the "Merchants Shipping Act" previously in force, has very largely added to the nominal tonnage of Vessels, and that it has, accordingly, become necessary that the rates per ton formerly charged for wintering Vessels in the Lachine Canal should be altered to meet the new conditions of Measurement.
2. His Excellency, on the recommendation of the Acting Minister of Railways and Canals, and by and with the advice of the Queen's Privy Council of Canada, has been pleased to order, and it is hereby ordered: That the following wintering charges be, and the same are hereby substituted in place of the rates at present charged, viz.:—
3. For each Boat, Barge, Scow or other Vessel of ten (10) tons measurement and under, seventy (70) cents per vessel for the entire winter; and every ten (10) tons above the first ten an additional rate of eight (8) cents.

(Signed),

W. A. HIMSWORTH,

Clerk, Privy Council.

CHARGES FOR WINTERING VESSELS IN RIDEAU CANAL.

CERTIFIED COPY of a report of a Committee of the Honourable the Privy Council, approved by His Excellency the Governor General in Council, on the 10th March, 1887.

On a memorandum dated 18th March, 1887, from the Minister of Railways and Canals, recommending that the winterage dues for vessels wintering in the Canal Basin at Ottawa, or other points along the line of the Rideau Canal, be fixed as under:—

| | | |
|-------------------------|---------------------------|--------|
| In Canal Basin, Ottawa, | Steamers, per season..... | 8 8 00 |
| do | Barges do | 4 00 |
| Inside Locks do | Steamers do | 50 00 |
| do other stations | do do | 15 00 |

and further, that if he deems it advisable that authority be granted to take security from parties wintering these vessels in Locks against damage to Government property by fire.

(Signed),

JOHN J. McGEE,

Clerk, Privy Council.

RATES AND DUES LEVIED ON VESSELS LOADING AND UNLOADING IN THE NEW BASIN, LACHINE CANAL.

O. C., 26th January, 1883.—1. On a report dated 19th January, 1883, from the Minister of Railways and Canals, submitting an application dated 17th August, 1882, from the Montreal Harbour Commissioners, for the extension to the new Lower Basin of the Lachine Canal of certain powers of levying tolls conferred upon the Corporation by the Act 18 Vic., Chap. 143, in respect of the Lower Basin on the old Canal.

No. 25.—Continued.

NOTICE—Continued.

2. The Minister further submits that the Commissioners urge that the new Basin is used by sea-going vessels which have traversed the improved deep-water channel between Quebec and Montreal, upon which large sums of money have been expended by the Trust, and that by this action the Harbour revenues are likely to be seriously affected.
3. The Minister represents that the matter having been referred for report to the Chief Engineer of Canals, who states to the effect, under date 12th January inst., that at the time of the passage of the Act cited (1855) the municipality was responsible for the expenditure incurred in deepening the channel of the river, and that the Government, about ten years later, assumed the debt in respect of Lake St. Peter, amounting to \$1,164,235; further, that the Harbour Commissioners have not in any way aided in the construction of the new Canal entrance and Basins, and that he is unable to see grounds for giving them control over the revenue which may arise therefrom.
4. The Chief Engineer suggests that the Commissioners should be allowed to retain the right of levying dues in respect of the old Lower Basin, but that the Government should retain full control of the new works and Basins, and of the revenue that may be derived from their use, and he advises that the rates should be levied by the Government on vessels loading or unloading in the new Basins, equal and similar to those levied by the Commissioners in respect of the old Basin.
5. The Minister concurs in the view taken by the Chief Engineer, and recommends that authority be given in accordance therewith.
6. The Committee submit the above recommendation for Your Excellency's approval.

(Signed),

JOHN J. McGEE,

Clerk, Privy Council.

RATES AND DUES TO BE LEVIED IN THE HARBOUR OF MONTREAL, UNDER AND
BY VIRTUE OF THE ACTS 40 VIC., CHAP. 53, AND 42 VIC. CHAP. 28.
On and after the 1st day of April, 1881:—

TONNAGE DUES

To be levied on all Vessels in the Harbour.

| | | |
|---|-------|-----------------------|
| On Steamboats for each day of twenty-four hours, or part of a day they remain in the harbour, reckoned from the hour of their arrival to that of their departure. | ..... | 1c. per ton register. |
| On all other Vessels, per day, as aforesaid. | ..... | ½c. do |

WHARFAGE DUES

To be levied on all Merchandise, Animals and things whatsoever landed or shipped in the Harbour.

| | | |
|--|-------|---------------|
| All Goods, Wares and Merchandise, not elsewhere specified. | ..... | 25c. per ton. |
| Hay, Straw, Pig and Scrap Iron, Pot and Pearl Ashes. | ..... | 20c. do |
| Apples, Crates and their contents, Flour and Meal, Fish, Meats, Pitch, Potatoes, Tar, Horses, Neat Cattle, Sheep, Swine. | ..... | 15c. do |
| Ballast, Clay, Fire Bricks, Gypsum, Lime, Marble, Phosphates, Sand, Salt. | ..... | 10c. do |
| Coal and Coke, Grain and Seeds of all kinds. | ..... | 7½c. do |
| Special—Bricks, 10c. per 1,000; Cordwood, 5c. per cord; Lumber, 10c. per 1,000 feet, board measure. | ..... |  |
| Bullion, Specie. | ..... | Free. |
| On all Goods, Wares and Merchandise whatsoever, the quantity of which by weight, measurement or other mode of estimate provided for in the Tariff, cannot be conveniently ascertained, it shall be lawful for the Harbour Commissioners to levy a rate of $\frac{1}{4}$ of 1 per cent. on the value thereof. | | |
| Each entry shall pay not less than 5 cents. | | |
| All property landed on the wharves for re-shipment shall only pay one wharfage. | | |
| The Ton mentioned in the Tariff of Wharfage Dues shall be 2,000 lbs. weight, or forty cubic feet measurement, according to the Bill of Lading. | | |

STANDARD FOR ESTIMATING WEIGHTS.

| | | | | |
|--------------------------------|------------------|--------------|-------|-------------|
| Ashes, Pot and Pearl. | 3 brls to 1 ton. | Horses. | ..... | 2 to 1 ton. |
| Apples, Flour, Meal, Potatoes. | 9 do | Neat Cattle. | ..... | 3 do |
| Fish, Meats, Pitch, Tar. | 7 do | Sheep. | ..... | 15 do |

Certified,

(Signed)

H. D. WHITNEY,

Secretary.

HARBOUR COMMISSIONERS' OFFICE.

PRIVY COUNCIL OFFICE,

OTTAWA, 1st April, 1881.

I hereby certify that the foregoing Tariff has been approved by His Excellency the Governor General in Council, on the 1st day of April, 1881.

(Signed)

J. O. COTÉ,

Clerk, Privy Council.

No. 25—Continued.

NOTICE—Continued.

At a meeting of the Harbour Commissioners of Montreal, held on the 2nd of June, 1881, the following By-law was adopted under the authority of the Act 42 Vic., chap. 28. Present: Andrew Robertson, Esq., Chairman; J. B. Rolland, Edward Murphy, Henry Bulmer, Victor Hudon, Hugh McLennan, Chas. M. Gould, Hon. J. L. Beaudry (Mayor) and Andrew Allan, Esq.

"Whereas it is expedient in the general interest of the Port of Montreal, that the charges on grain be reduced until the 1st of September next."

"Therefore it is hereby resolved, that the said rate on grain be reduced as aforesaid from seven and one-half cents ($7\frac{1}{2}$ c.) per ton to one cent (1c.) per ton."

PRIVY COUNCIL, 7th June, 1884.

I hereby certify that the foregoing By-law of the Harbour Commissioners of Montreal, adopted under the authority of the Act 42 Vic., chap. 28, has been this day approved by His Excellency the Governor General in Council.

(Signed) JOHN J. McGEE,
Clerk, Privy Council.

RATES OF TOLLS ON FLOATED TIMBER, &c., ENTERING THE BASIN AT LACHINE AND LACHINE CANAL.

O. C. 8th June, 1860.—1. His Excellency the Governor General in Council is pleased to order, and it is hereby ordered, that from and after the date hereof the following Rates of Tolls shall be collected on Floated Timber, Lumber and Firewood entering the Basin at Lachine and Lachine Canal:

| Kinds of Timber. | For receiving Timber &c., to include use of Basin or Wharf for one month. | For each succeeding month during the Season of Navigation. | For wintering in Basin or on Wharf. |
|--|---|--|-------------------------------------|
| | Cents. | Cents. | Cents. |
| Timber, square or round, of all kinds, above 12 x 12, per M. cubic feet..... | 25 | 20 | 35 |
| do round or flattened, of all kinds, under 12 x 12 per M. lined feet..... | 20 | 15 | 30 |
| Plank and Boards, to include all kinds of sawed lumber, in rafts, per M. feet, board measure..... | 3 | 2 | 3 |
| Saw Logs, 12 feet long, if longer in same proportion per log..... | 1 | $1\frac{1}{2}$ | 2 |
| Floats, per 100..... | 10 | $5\frac{1}{2}$ | 10 |
| Traverses, per 100..... | 10 | 5 | 10 |
| Fence Posts and Rails, per M..... | 10 | 5 | 10 |
| Staves, Barrel, per M..... | 8 | 4 | 8 |
| do Pipe per M..... | 8 | 4 | 8 |
| do West India per M..... | 8 | 4 | 8 |
| Firewood on Bank of Canal, between Lock No. 3 and Lock No. 5, and also on Wharves in Canal Basin at Lachine..... | 3 | 3 | 3 |

2. No allowance to be made for fractional parts of a month or winter season.
3. The Firewood to be corded across the bank while being delivered from the Boat in such a manner and at such points as the Superintendent may direct.
4. The Rates on Timber to take effect upon the completion of the Booms in Lachine Basin.

CHARGES FOR REPAIRING VESSELS ON THE BANK OF LACHINE, BEAUHARNOIS AND CHAMBLY CANALS.

PRIVY COUNCIL OFFICE,

OTTAWA, 5th March, 1880.

1. I hereby certify that by order of His Excellency the Governor General in Council, passed on the seventh day of February last, authority was given for the enforcement of a rule by which persons using the banks of the Lachine Canal as a site for the repair of their vessels, shall be subject to a charge of four dollars (4) payable in advance, for each vessel; the period during which such site may be occupied, under any one payment being limited to six months, and permission for repairing being first obtained from the proper officer, in conformity with the existing canal regulation.
2. It is further declared by the said Order in Council that in the event of failure to remove vessels so occupying the banks at the expiration of the period named, no fresh permits having been obtained, such vessels, may be sold under the 16th clause of the Regulations of the Canal.

(Signed) J. O. COTÉ,
Clerk, Privy Council.

No. 25—*Concluded.*NOTICE—*Concluded.*

GOVERNMENT HOUSE,

OTTAWA, 6th August, 1881.

Present:

THE HONOURABLE THE DEPUTY OF HIS EXCELLENCE THE GOVERNOR GENERAL IN COUNCIL.

The Deputy Governor, on the recommendation of the Honourable the Acting Minister of Railways and Canals, has been pleased to adopt the following rules with respect to the repairing of vessels on the banks of the Lachine Canal, the Beauharnois and the Champlain:—

1. Repairs shall only be executed at such points as may be indicated and approved by the Superintendent.
2. For each vessel hauled up or beached for repairs, a charge of one dollar, over and above all other charges, shall be made, carrying the privilege of remaining for one month, a further sum of one dollar being charged for each additional month or fraction of a month the vessel may remain. In cases, however, where a vessel hauled up for repairs upon the Canal bank remains there throughout the winter, a charge of four dollars only shall be made (in addition to the ordinary winterage dues) the period covered being from the 1st of November to the 1st of June, inclusive.
3. Any vessel remaining on the Canal bank after having wintered thereon shall be charged at the rate of one dollar a month or a fraction of a month of her subsequent stay.
4. Any vessel remaining more than one year on the bank of the Canal shall for such time as she may remain in excess of that period pay at the rate of two dollars a month, or fraction of a month throughout the whole year.
5. All charges shall be payable at the collector's office in advance on the first day of each month.
6. These rules shall be understood as applying to all cases where the Canal bank is used in any manner for the repairs of vessels whether such vessels are actually hauled up or not.

(Signed)

J. O. COTÉ,

Clerk, Privy Council.

RIDEAU CANAL—REGULATIONS RELATIVE TO FIREWOOD LANDED AT BASIN, OTTAWA.

Notice is hereby given that in accordance with the 28th Chap. Con. Stat. of Canada, His Excellency the Governor General in Council has been pleased to approve of the following additional Regulations to ensure the proper using, management and protection of the Canals of the Dominion of Canada.

By command,

(Signed)

WM. H. LEE,

Clerk, Privy Council.

PRIVY COUNCIL OFFICE,

OTTAWA, 14th October, 1867.

REGULATIONS in pursuance of the 28th Chap. Con. Stat. of Canada, for landing Firewood on the line of the Rideau Canal, in the City of Ottawa, and in addition to the Regulations for the management and protection of the Provincial Canals which were authorized by the Governor in Council, 20th May, 1857, Sections 14 and following, and were made applicable to the Rideau Canal, under the order of His Excellency in Council on the 2nd June, 1860.

1. No Firewood to be landed on the easterly side of the Basin from Sappers' Bridge to the line of Little Sussex Street.
2. Firewood may be landed between the line of Little Sussex Street and the By-wash or waste weir, but must be removed within twenty-four hours after having been placed there; a fine of three cents per cord will be charged for every day the wood remains on the wharf after such notice has been given.
3. Firewood may be landed and piled around the Basin on Government land within forty feet of the water, leaving a roadway of at least fifteen feet between every four piles of Firewood, which roadway must be as near as practicable at right angles to the margin of the Canal; this wood must also be removed within twenty-four hours after the owner or person in charge has been notified to that effect, and in default, a fine of three cents per cord will be levied upon it for every day it remains thereafter.
4. Two cents per cord will be charged as wharfage or ground rent upon Firewood placed on any part of the Government Canal Reserve.
5. No Firewood may be landed without a permit having been first obtained from the Lock Master or Collector, and the Let-Pass must be given up to this officer before the wood is unloaded, under a penalty of forty dollars.

B. H. TEAKLES,

*Chief Clerk Canals Revenue.*DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, 19th May, 1890.

LIST OF CANADIAN CANAL OFFICES AND COLLECTORS OF TOLLS.

INSPECTOR OF CANALS REVENUE, H. B. WITTON, HAMILTON.

WELLAND CANAL—

| | Collector. |
|---------------------|------------------------------|
| Port Colborne..... | D. E. McFARLAND. |
| Port Dalhousie..... | W. B. CLARK. |
| Dunnville..... | THOS. L. M. TIPTON. |
| Port Maitland..... | T. J. GALBRAITH. |
| Port Robinson..... | (Winter address, Stromness). |
| St. Catharines..... | ROBT. COULTER. |
| Chippawa..... | H. H. COLLIER. |
| | T. B. HARVEY. |

ST. LAWRENCE CANALS—

| | |
|------------------|---------------------------|
| Beauharnois..... | A. D. DANIS, Valleyfield. |
| Cornwall..... | ROBERT FLANAGAN. |
| Montreal | JOHN O'NEILL. |
| Lachine | LOUIS PARÉ. |
| Cardinal..... | GEORGE REID. |
| Kingston..... | W. BURROWS. |

CHAMBLY CANAL—

| | |
|--------------------|------------------|
| Chambly..... | M. D. S. MARTEL. |
| St. John's, Q..... | JULES QUESNEL. |
| St. Ours Lock..... | P. MATHEU. |

RIDEAU CANAL—

| | |
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| Ottawa..... | J. F. FARLEY. |
| Kingston Mills..... | JOS. DEANE. |
| Smith's Falls..... | W. M. RICHEY. |

OTTAWA CANALS—

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| Grenville | A. PRIDHAM. |
| Carillon..... | D. MURPHY. |
| Ste. Anne's Lock..... | J. BARRETT. |

CAPE BRETON CANAL—

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| St. Peter's..... | WALLACE M. KAVANAGH. |
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TRENT VALLEY CANAL—

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|-------------------|-------------------------------|
| Hastings | TIMOTHY COUGHLAN, JR. |
| Peterborough..... | WM. BROWNSCOMBE. |
| Bobcaygeon | ELIJAH BOTTM. |
| Buckhorn..... | W. H. HALL. |
| Fenelon..... | (Address, Hall's Bridge P.O.) |
| Burleigh | WM. MCARTHUR. |

MURRAY CANAL—

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|-------|---------------------------|
| | P. KEELER. |
| | (Address, Brighton, Ont.) |