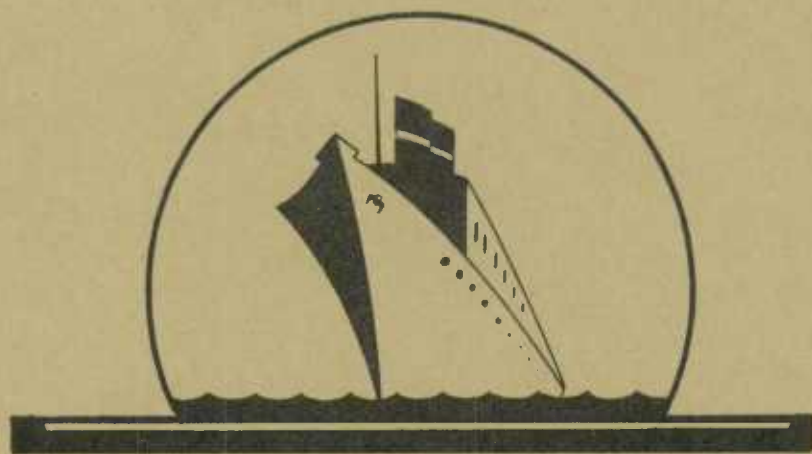


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GOVERNMENT OF CANADA



WATER TRANSPORTATION 1949

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WATER TRANSPORTATION

1949 <small>Includes Newfoundland</small> MILLION DOLLARS	<div style="display: flex; justify-content: space-between; align-items: center;"> \$  \$ </div> <h3 style="text-align: center; margin: 0;">FINANCIAL FACTS</h3>	1948 MILLION DOLLARS
158.3	Property Account (Net Value)	171.2
210.1	Operating Revenues	228.3
192.4	Operating Expenses	201.8
25.6	Fuel Consumed (Cost)	30.3
42.0	Employees (Total wages and salaries paid)	42.9
231.3	Vessels as at End of Season (Gross Value)	234.7
10.8	Net Profits	16.8

The present report is the second in a series designed to give a fairly complete financial picture of the Water Transportation Industry in Canada and to illustrate its importance in the economy, trade and commerce of the nation. It is also useful in estimating that part of national income derived by companies and individuals engaged in for hire transportation by water. The first report covered the years 1946 to 1948 and was released early in 1950.

Two companion publications in this series on Water Transportation are the annual "Shipping Report" and "Canal Statistics" which have been issued regularly for many years. These cover shipping activities and water borne commerce from the viewpoint of the vessels arriving or departing or using facilities and the cargoes carried. The Shipping Report gives registered net tonnage of vessels, arrivals and departures in foreign and coasting trade, country of registry or flag of vessel, origin or destination and tonnage of cargoes in foreign trade, etc. Canal Statistics records vessel passages on all Canadian canals during the year, tonnage of commodities passing, flag of vessel and type, and so on. A less detailed canal report is issued monthly.

In the current publication, data for Newfoundland operators is included for the first time but in some cases statistics for the new province are for the nine-month period, April to December, only. Comparable information for years prior to Confederation is not available. To facilitate comparisons with previous years, sub-totals, exclusive of Newfoundland, have been given with the Newfoundland figures included in the grand totals.

In 1949, the total tonnage of all cargoes loaded and unloaded in foreign trade at all Canadian ports amounted to 50.8 million tons. Of this amount Canadian vessels carried 21.4 million tons or 42.1 per cent. And, the publication "Canal Statistics" shows that Canadian vessels carried 53.3 million tons of freight (including duplication) through all inland canal systems. These facts emphasize the importance of the Canadian Water Transportation Industry which reported a total investment before depreciation of \$256.1 million as at the end of the year. Similarly, the value of the 1,845 vessels, owned or chartered as at the end of the year, was \$231.3 million. Total accrued depreciation on all property was \$97.8 millions.

During the year, the industry received a gross income of \$213.8 million. Total expenses were \$196.0 million which left a net income, before provision for income tax, of \$17.8 million. Income tax was placed at \$7 million.

The industry employed 20,520 Canadians and paid out \$42.0 million in salaries and wages - an average of \$2,047, which does not include the value of meals and lodging furnished. The latter was estimated at \$5.0 million. The cost of fuel consumed totalled \$25.6 million. During the year, 11 vessels valued at \$1.9 million were lost and this was responsible for most of the 137 deaths and 1,995 injuries reported.

Source and Treatment of Data

For the purpose of this report, Canada has been divided geographically into three regions, the Atlantic Division including the eastern seaboard and the St. Lawrence River as far as Montreal; the Pacific Division embracing the western ocean ports; and finally, the Inland Division including the Great Lakes, Hudson Bay, the MacKenzie River and all other inland lakes and waterways.

The statistics are also presented by type of operator - i.e., incorporated companies, or individual owners and partnerships.

Since some railway companies operating inland or coastal marine service in conjunction with their rail lines include such service as part of their rail returns to the Bureau under "Water Line", that part of the industry has accordingly been excluded from the current summary. This includes such services as the ferries from the mainland to Vancouver Island, Prince Edward Island and Newfoundland.

All ocean-going vessels which are on the Canadian shipping registry are normally included in this report. The Canadian Pacific Steamship Company, however, operated several ocean-going craft in foreign service, but as they are on the British registry they are not included.

Operators engaged solely in the fishing or lumbering trades or those which make separate reports to the Bureau covering vessel operations as part of their particular industry are also excluded. Finally, vessels classed as private pleasure craft are excluded.

Of the total number of schedules sent out (564), some 520 or 92.2 p.c. were returned. Of this number 432 were in operation during 1949 and these schedules were used to prepare the current report. It is estimated that this represents the bulk of the Water Transportation Industry in Canada. Operators from which returns were not forthcoming were usually small, i.e., individual owners with one or two vessels.

There are 265 incorporated companies, including 15 in Newfoundland and 169 individual owners or partnerships, including 41 in Newfoundland. This compares with 364 operators in 1948, of which 242 were incorporated and 142 were individual owners or partnerships.

52 operators, who had reported for 1948, did not file reports for 1949, mainly because they were no longer in business. There were 19 new companies in addition to those in Newfoundland reporting for 1949.

Property Account ^x

Tables 1 and 2 present a summary of property assets as reported by the Water Transportation Industry.

The net value of all property assets (ex Newfoundland) after deducting accrued depreciation, declined from \$171.2 million at the end of 1948 to \$156.4 million in 1949, a decrease of 8.7 p.c.

Both the Atlantic and Pacific Divisions showed reductions due mainly to vessel sales abroad. The Atlantic decreased 9.1 p.c. from a net of \$116.6 million in 1948 to \$106.0 million in 1949, while the Pacific Division dropped 28.1 p.c. from a net of \$25.6 to \$18.4 million. During the year, a number of vessels of the Pacific Division were sold to foreign operators, thus decreasing the gross value of vessels from \$57.2 million in 1948 to \$27.2 million in 1949. The Inland Division, however, increased its net value of property assets 10.1 p.c., from \$29.1 to \$32.0 millions.

The gross or undepreciated value of assets receded from \$263.0 millions in 1948 to \$253.5 million at the end of 1949, a decrease of \$9.5 million.

The value of other assets declined in a similar manner from a total of \$12.0 million in 1948 to \$6.9 million in 1949 or by 42.5 p.c. As above, the value of "Other Assets" of both the Atlantic and Pacific Divisions show a large decrease while the value of the Inland Division rose slightly.

Income Account ^x

Tables 3, 4 and 5 are devoted to an analysis of income and expenditures. Table 4 presents the financial operations by geographical divisions while table 5 shows a further breakdown by division and type of operator.

During 1948 bidding for deep-sea cargoes became much keener than in the previous year with foreign fleets on a stronger competitive basis, and consequently ocean freight rates began to decline. By the end of the year, Canadian deep-sea shipping had reached the line of demarcation between a profitable and unprofitable industry. During the year 1949, the ocean freight market continued to decline. Devaluation of sterling had a pronounced effect and placed Canadian operators in an even more disadvantageous competitive position. The daily costs of operating a vessel under Canadian registry and regulations are double those for a British vessel. (See table on page 23 of the 1948 report.) The Canadian industry also suffered a severe blow from the effects of the strike by the communist-led Canadian Seaman's Union which was called on March 31st and which lasted 6½ months and had widespread repercussions on Canadian shipping throughout the world.

These facts are reflected in the income data presented in this report. Gross income for year 1949 amounted to \$211.9 million, a decline of \$18.7 million or 8.1 p.c. from the 1948 gross of \$230.6 million. Net income after provision for income taxes dropped from \$16.8 to \$10.8 million, a decrease of 35.7 p.c. Total expenses declined only 5.4 p.c. from \$205.2 million in 1948 to \$194.1 in 1949.

Both the Atlantic and Pacific Divisions show decreases in gross income and net profit. Gross income of the Atlantic Division dropped from \$149.9 million in 1948 to \$135.5 million in 1949 or by 9.7 p.c. Profit for the year declined from \$11.0 to \$6.1 million or by 44.5 p.c. Gross income of the Pacific Division slipped from \$45.1 million in 1948 to \$39.5 million in 1949. This is a decrease of 12.4 p.c. Profit for the year fell 14.7 p.c. from \$3.4 to \$2.9 million.

The Inland Division, however, increased gross income from \$35.8 million in 1948 to \$37.1 million in 1949, a gain of 4.2 p.c. But, as rising costs augmented expenses 5.3 p.c., profit for the year declined from \$2.5 to \$1.8 million.

Employment and Earnings ^x

The industry engaged 20,169 employees and paid out \$41.5 million in salaries and wages during 1949, as compared to 21,751 employees who received \$42.9 million in 1948 and 22,851 who earned \$38.3 million in 1947.

Although the annual averages in some cases appear relatively small during a period of prosperity, it must be remembered, that much of the water transportation industry included in this report is of a seasonal nature, particularly on the inland waterways where the season of navigation is usually about eight months long and, as a consequence, averages are not representative of a full year's employment.

The average earnings of dock and warehouse workers rose during the year 1949 to \$1,978 as compared to an average of \$1,877 in 1948 and \$1,213 in 1947. Vessel crews and other employees, including office and administrative classes also show improved earnings but not to the same extent as to the dock workers.

In 1949, salaries and wages represented 21.8 p.c. of total operating expenses and 24.4 p.c. when combined with the value of meals supplied.

Fuel Consumption and Cost ^x

Expenditures on vessel fuels and the amounts consumed are shown in tables 7 and 8. Fuel oil and gasoline are reported in gallons while coal is reported in short tons. "Other fuel" includes wood, sawdust, etc., for which no standard measurement is available and the quantity column is, therefore, left blank.

The amount of fuel oil consumed rose from 228.7 million gallons in 1948 to 235.9 million gallons in 1949 while the cost to the operators dropped from \$19.6 million in 1948 to \$14.5 million in 1949. The average cost per gallon therefore decreased from 8.5 cents in 1948 to 6.06 cents in 1949. This is probably due to the facts that, (1) the price of fuel oil in Canada declined slightly; and, (2) A number of large operators purchased fuel oil in such countries as Mexico, the West Indies and Trinidad, where prices were lower than in Canada. The drop in the total cost of all fuel consumed was from \$30.5 million in 1948 to \$25.3 million in 1949.

Total coal consumption was up from 748,000 tons in 1948 to 780,000 tons in 1949. The average cost per ton rose from \$10.78 to \$11.00. Diesel oil consumption was down from 17.6 million gallons in 1948 to 16.4 million in 1949. The average cost per gallon rose from 13.1 to 13.5 cents. Gasoline consumption was down slightly from 382,000 gallons in 1948 to 380,000 in 1949. The average cost per gallon rose from 28.0 to 28.4 cents.

Vessels Owned or Chartered as at End of Season ^x

Operators reported 1,785 vessels as owned or chartered at the end of the 1949 season. The number in operation, however, shows an increase of 48 vessels over 1948 and 22 over 1947. There was 1,656 vessels in operation in 1947, 1,630 in 1948 and 1,678 in 1949.

The number of vessels as reported are those owned or chartered at the close of the season or on December 31st of the given year. Thus ships chartered for certain periods throughout the year and released before the end of the season or year do not appear in the company totals. The activities of companies in this regard are not omitted but appear as part of their operating expenses under the heading of "vessel rentals".

Tugs, tows, barges and scows represented 45.5 p.c. of the vessels reported in 1947, 51.1 p.c. in 1948 and 50.3 p.c. in 1949.

Freighters comprised 35.4 p.c. of the total in 1947, 29.7 p.c. in 1948 and 29.6 p.c. in 1949.

Accidents ^x

The spectacular fire which destroyed the passenger cruise ship S.S. Meroic in Toronto Harbour in September, 1949, resulted in a tragically large loss of life and a considerable number of injuries. This disaster accounted for the total number of passengers killed, namely 119, during the year. The deaths of 16 crew members of other vessels and 2 other employees brought the total number of deaths for the year to 137 which was 99 more than in 1948 and 48 more than in 1947.

The number of persons injured, however, was somewhat lower in 1949 than in the previous years. There were 1,994 injured in 1949, 2,166 in 1948 and 2,350 in 1947, a decrease of 172 from 1948 and 356 from 1947. In all years, injuries occurred principally among vessel crews and other employees. Employees injured during 1947 constituted 98.3 p.c. of the total injured, in 1948, 95.4 p.c., and in 1949, 94.1 p.c.

The ten vessels lost during the year numbered six less than in 1948, but the losses were among larger vessels, and consequently the estimated value of vessel losses was much greater in 1949 than in 1948, totalling \$1,890,460 as against \$458,296.

x - Comparisons do not include Newfoundland.

Statement of Property Account in the Canadian
Water Transportation Industry

1 9 4 9

Table 1

	A Gross Additions during Year (excluding Newfoundland)	Gross Additions during Year (including Newfoundland)	B Total as at End of Year (excluding Newfoundland)	Total as at End of Year (including Newfoundland)
	\$	\$	\$	\$
Land	23,173	23,333	3,906,329	3,907,415
Vessels	20,454,987	20,496,480	228,899,976	231,347,746
Docks, Wharves and Warehouses	354,216	354,236	7,311,624	7,319,360
Other Buildings	1,075,015	1,075,015	5,276,924	5,276,924
Supplies and Spare Equipment	210,808	212,255	1,204,286	1,224,646
Other	558,641	566,648	6,920,352	6,985,773
Total	22,676,840	22,727,967	253,519,491	256,061,864
Less Depreciation	-	-	97,143,833	97,775,901
Net Value	-	-	156,375,658	158,285,963

Table 2

Property Account in the Canadian
Water Transportation Industry (By Divisions)

1 9 4 9

	Land	Vessels	Docks, Wharves, Warehouses	Other Buildings	Supplies & Spare Equipment	Other	Total	Accrued Depreciation	Net Value
	⌘	⌘	⌘	⌘	⌘	⌘	⌘	⌘	⌘
<u>Incorporated Companies</u>									
Atlantic Division	153,456	155,275,609	799,564	396,748	613,860	2,998,430	160,237,667	55,601,827	104,655,840
Pacific Division	346,178	26,404,027	501,852	81,232	355,151	288,080	27,976,520	10,160,495	17,816,025
Inland (including the Great Lakes)	3,377,397	44,570,502	5,981,809	4,775,846	205,861	3,600,288	62,509,703	30,708,085	51,801,618
Total (excluding Newfoundland)	3,877,031	226,250,138	7,283,225	5,251,826	1,174,872	6,886,798	250,723,890	96,470,407	154,253,483
Newfoundland	451	2,034,032	6,276	-	16,960	56,221	2,113,940	488,370	1,625,570
Grand Total (including Newfoundland)	3,877,482	228,284,170	7,289,501	5,251,826	1,191,832	6,943,019	252,837,830	96,958,777	155,879,053
<u>Individual Ownership & Partnership</u>									
Atlantic Division	6,050	1,691,004	7,074	3,299	9,635	2,941	1,720,003	391,463	1,328,540
Pacific Division	15,748	777,972	1,488	2,599	3,633	17,222	818,662	224,197	594,465
Inland (including the Great Lakes)	7,500	180,862	19,837	19,200	16,146	13,391	256,936	57,766	199,170
Total (excluding Newfoundland)	29,298	2,649,838	28,399	25,098	29,414	33,554	2,795,601	673,426	2,122,175
Newfoundland	635	413,738	1,460	-	3,400	9,200	428,433	143,698	284,735
Grand Total (including Newfoundland)	29,933	3,063,576	29,859	25,098	32,814	42,754	3,224,034	817,124	2,406,910
<u>All Operators</u>									
Total Atlantic Division	159,506	156,966,613	806,638	400,047	623,495	3,001,371	161,957,670	55,993,290	105,964,380
Total Pacific Division	361,926	27,181,999	503,340	83,851	358,784	305,302	28,795,182	10,161,670	18,410,490
Total Inland (including the Great Lakes)	3,384,897	44,751,364	6,001,646	4,793,046	222,007	3,613,679	62,766,639	30,765,851	32,000,788
Total (excluding Newfoundland)	3,906,329	228,899,976	7,311,624	5,276,924	1,204,286	6,920,352	253,519,491	97,143,833	156,375,658
Newfoundland	1,086	2,447,770	7,736	-	20,360	65,421	2,542,373	632,068	1,910,305
Grand Total (including Newfoundland)	3,907,415	231,347,746	7,319,360	5,276,924	1,224,646	6,985,773	256,061,864	97,775,901	158,285,963

The Canadian Water Transportation Industry

1949

Income Account

Table 5

	Total (excluding Newfoundland)	Newfoundland	Grand Total Including Newfoundland
	\$	\$	\$
Income			
Gross Operating Revenue	208,185,226	1,958,705	210,143,931
Other Income	3,671,051	3,955	3,675,006
Gross Income	211,856,277	1,962,660	213,818,937
Expenses			
Operating Expenses	190,468,593	1,962,077	192,430,670
Other Expenses	3,595,515	20,065	3,615,580
Total Expenses (excluding Income Tax)	194,064,108	1,982,142	196,046,250
Net Income before Income Tax	17,792,169	Dr. 19,482	17,772,687
Provision for Income Tax	6,976,850	2,070	6,978,920
Profit for Year	10,815,319	Dr. 21,552	10,793,767
Operating Revenue			
Source			
Passenger	8,394,335	56,019	8,450,354
Freight	157,701,031	1,735,158	159,436,189
Towing	10,823,084	885	10,823,969
Salvage	613,022	200	613,222
Storage	217,776	-	217,776
Charters	23,482,267	148,723	23,630,990
Other	6,953,711	17,720	6,971,431
Total Operating Revenue	208,185,226	1,958,705	210,143,931
Operating Expenses			
Maintenance	16,636,783	475,144	17,111,927
Operation	112,980,683	1,061,243	114,041,926
Advertising	592,891	7,714	600,605
Insurance	8,763,951	149,179	8,913,130
Administration & General	10,388,783	79,151	10,467,934
Depreciation	15,599,694	189,408	15,789,102
Taxes (excluding Income Tax)	189,886	116	190,004
Rentals for Vessels, Buildings, etc.	25,315,922	120	25,316,042
Total Operating Expenses	190,468,593	1,962,077	192,430,670

Income Account in the Canadian
Water Transportation Industry (By Divisions)

1949

Table 4

	Incorporated & Individual Ownership & Partnership					Grand total including Newfoundland
	Atlantic Division	Pacific Division	Inland Division (including) Great Lakes	Total Excluding New- foundland	Newfoundland	
	\$	\$	\$	\$	\$	\$
Operating Revenue						
Passenger	2,503,967	646,772	5,243,596	8,394,335	56,019	8,450,354
Freight	108,225,244	22,511,403	26,964,384	157,701,031	1,735,158	159,436,189
Towing	1,375,711	8,669,041	778,332	10,823,084	885	10,823,969
Salvage	577,145	35,606	271	613,022	200	613,222
Storage	166,049	50,344	1,383	217,776	-	217,776
Charter	16,948,828	6,039,485	493,954	23,482,267	148,723	23,630,990
Other	4,056,687	1,392,086	1,504,938	6,953,711	17,720	6,971,431
Total Operating Revenue	133,853,631	39,344,737	34,986,858	208,185,226	1,958,705	210,143,931
Other Income	1,414,628	117,556	2,138,867	3,671,051	3,955	3,675,006
Gross Income	135,268,259	39,462,293	37,125,725	211,856,277	1,962,660	213,818,937
Operating Expenses						
Maintenance	9,928,897	2,674,597	4,033,289	16,636,783	475,144	17,111,927
Operation	67,506,467	22,823,508	22,650,708	112,980,683	1,061,243	114,041,926
Advertising	328,845	45,967	218,079	592,891	7,714	600,605
Insurance	6,264,347	1,754,751	744,853	8,763,951	149,179	8,913,130
Administration	6,062,269	1,570,266	2,756,248	10,388,783	79,151	10,467,934
Depreciation	10,467,979	2,574,029	2,548,686	15,599,694	189,408	15,789,102
Taxes	101,546	39,262	49,078	189,886	118	190,004
Rentals	22,018,813	3,179,382	117,727	25,315,922	120	25,316,042
Total Operating Expenses	122,688,163	34,661,762	33,118,668	190,468,593	1,962,077	192,430,670
Other Expenses (excluding Income Tax)	2,783,750	294,928	516,837	3,595,515	20,065	3,615,580
Total Expenses	125,471,913	34,956,690	33,635,505	194,064,108	1,982,142	196,046,250
Net Income Before Income Tax	9,796,346	4,505,603	3,490,220	17,792,169	Dr. 19,482	17,772,687
Less Provision for Income Tax	3,684,661	1,643,346	1,648,843	6,976,850	2,070	6,978,920
Profit for Year	6,111,685	2,862,257	1,841,377	10,815,319	Dr. 21,552	10,793,767

Table 5

Income Account in the Canadian
Water Transportation Industry (By Divisions & Type of Operator)

1 9 4 9

	Incorporated				Individual Ownership & Partnership				Total Newfound- land not included	Total Newfound- land	Grand Total
	Atlantic Division	Pacific Division	Inland Division (including Great Lakes)	Newfound- land	Atlantic Division	Pacific Division	Inland Division (including Great Lakes)	Newfound- land			
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Operating Revenue											
Passenger	2,456,448	636,144	5,219,798	31,985	47,519	10,628	23,798	24,034	8,394,335	56,019	8,450,354
Freight	107,704,548	22,491,291	26,920,141	1,475,172	520,696	20,112	44,243	259,986	157,701,051	1,735,158	159,436,189
Towing	1,319,471	8,227,717	717,007	885	56,240	441,324	61,325	-	10,823,084	885	10,823,969
Salvage	577,145	31,653	271	200	-	3,953	-	-	613,022	200	613,222
Storage	157,143	50,344	1,293	-	8,906	-	90	-	217,776	-	217,776
Charter	16,607,329	5,940,215	490,887	44,402	341,499	99,270	3,067	104,321	23,482,267	148,723	23,630,990
Other	4,003,149	1,375,596	1,445,347	11,434	53,538	16,490	59,591	6,286	6,953,711	17,720	6,971,431
Total Operating Revenue	132,825,233	38,752,960	34,794,744	1,564,078	1,028,398	591,777	192,114	394,627	208,185,226	1,958,705	210,143,931
Other Income	1,413,965	117,556	2,138,867	3,733	663	-	-	222	3,671,051	3,955	3,675,006
Gross Income	134,239,198	38,870,516	36,933,611	1,567,811	1,029,061	591,777	192,114	394,849	211,856,277	1,962,660	213,818,937
Operating Expenses											
Maintenance	9,779,549	2,597,183	4,010,324	444,788	149,348	77,414	22,965	30,356	16,636,783	475,144	17,111,927
Operation	66,997,130	22,602,999	22,556,218	817,381	509,337	220,509	94,490	243,862	112,980,683	1,061,243	114,041,926
Advertising	327,108	44,844	217,260	7,680	1,737	1,123	819	34	592,891	7,714	600,605
Insurance	6,191,945	1,728,086	736,061	118,974	72,402	26,665	8,792	30,205	8,763,951	149,179	8,913,130
Administration	6,023,169	1,543,034	2,750,515	78,507	39,100	27,232	5,733	644	10,398,783	79,151	10,467,934
Depreciation	10,332,212	2,505,802	2,523,657	171,471	144,767	68,227	25,029	17,937	15,599,694	189,408	15,789,102
Taxes	98,495	39,210	48,727	-	3,051	52	351	118	189,886	118	190,004
Rentals	22,012,919	3,174,764	116,925	120	5,894	4,618	802	-	25,315,922	120	25,316,042
Total Operating Expenses	121,762,527	34,235,922	32,959,687	1,638,921	925,636	425,840	158,981	323,156	190,468,593	1,962,077	192,430,670
Other Expenses (excluding Income Tax)	2,765,849	285,614	511,810	20,065	17,901	9,314	5,027	-	3,595,515	20,065	3,615,580
Total Expenses	124,528,376	34,521,536	33,471,497	1,658,986	943,537	435,154	164,008	323,156	194,064,108	1,982,142	196,046,250
Net Income before Income Tax	9,710,822	4,348,980	3,462,114	Dr. 91,175	85,524	156,623	28,106	71,693	17,792,169	Dr. 19,482	17,772,687
Less Provision for Income Tax	3,682,619	1,638,137	1,648,445	1,397	2,042	5,209	398	673	6,976,850	2,070	6,978,920
Profit for Year	6,028,203	2,710,843	1,813,669	Dr. 92,572	83,482	151,414	27,708	71,020	10,815,319	Dr. 21,552	10,793,767

**NUMBER OF EMPLOYEES AND EARNINGS IN THE CANADIAN
WATER TRANSPORTATION INDUSTRY (BY DIVISIONS)**

1949

Table 6

	Vessel Crews		Dock and Warehouse Employees		Office Administration Employees		Other Employees		Total		With drawsals not included in total	Value of Meals Supplied	Amount of Salaries Paid to Employees with Home Address in Canada
	No.	Salaries and Wages	No.	Salaries and Wages	No.	Salaries and Wages	No.	Salaries and Wages	No.	Salaries and Wages			
INCORPORATED COMPANIES													
Atlantic Division	9,129	19,995,699	409	664,872	790	2,702,516	67	82,874	10,395	23,445,961	989	2,623,160	20,253,700
Pacific Division	2,041	5,229,598	202	402,295	267	892,129	61	80,014	2,571	6,604,036	15,702	614,692	6,583,249
Inland (Including the Great Lakes)	4,149	6,239,528	1,420	2,985,398	833	1,433,134	349	377,664	6,751	11,035,724	6,000	1,633,517	10,958,121
Total (excluding Newfoundland)	15,319	31,464,825	2,031	4,052,565	1,890	5,027,779	477	540,552	19,717	41,085,721	22,691	4,871,369	37,795,070
Newfoundland	162	267,668	1	600	9	16,761	-	-	172	285,029	-	55,721	285,029
Total (including Newfoundland)	15,481	31,732,493	2,032	4,053,165	1,899	5,044,540	477	540,552	19,889	41,370,750	22,691	4,927,090	38,080,099
INDIVIDUAL OWNERSHIP & PARTNERSHIP													
Atlantic Division	286	264,406	19	7,925	4	5,180	2	1,174	311	278,685	50,143	52,752	278,685
Pacific Division	54	109,821	-	-	9	8,635	2	1,410	65	119,866	68,427	12,290	119,866
Inland (Including the Great Lakes)	49	48,725	4	3,730	4	4,690	19	2,382	76	59,527	16,982	3,746	59,527
Total (excluding Newfoundland)	389	422,952	23	11,655	17	18,505	23	4,966	452	458,078	135,552	68,788	458,078
Newfoundland	164	132,520	-	-	-	-	15	861	179	133,381	14,997	27,133	133,381
Total (including Newfoundland)	553	555,472	23	11,655	17	18,505	38	5,827	631	591,459	150,549	95,921	591,459
ALL OPERATORS													
Total Atlantic Division	9,415	20,260,105	428	672,797	794	2,707,696	69	84,048	10,706	23,724,646	51,132	2,675,912	20,532,385
Total Pacific Division	2,095	5,339,419	202	402,295	276	900,764	63	81,424	2,636	6,723,902	84,129	626,982	6,703,116
Total Inland (Including the Great Lakes)	4,198	6,288,253	1,424	2,989,128	837	1,437,824	368	380,046	6,827	11,095,251	22,982	1,637,263	11,017,648
Total (excluding Newfoundland)	15,708	31,887,777	2,054	4,064,220	1,907	5,046,284	500	545,518	20,169	41,543,799	158,243	4,940,157	38,253,148
Total Newfoundland	326	400,188	1	600	9	16,761	15	861	351	418,410	14,997	82,854	418,410
Grand Total (including Newfoundland)	16,034	32,287,965	2,055	4,064,820	1,916	5,063,045	515	546,379	20,520	41,962,209	173,240	5,023,011	38,671,558

STATEMENT SHOWING EXPENDITURES ON FUEL

Table 7

1 9 4 9

	Number of Vessels (not including Newfoundland)	Cost of Fuel Consumed (not including Newfound- land)	Number Including Newfoundland	Cost of Fuel Consumed Including Newfoundland
Number of Vessels - Owned or Chartered	1,783	\$	1,845	\$
<u>Fuel</u>				
Coal		8,579,564		8,580,775
Fuel Oil		14,293,817		14,467,210
Diesel Oil		2,217,763		2,280,191
Gasoline		107,739		119,317
Other		110,022		110,022
Total		25,308,905		25,557,515

Table 8

EXPENDITURES ON FUEL AND AMOUNT CONSUMED
BY CANADIAN MARINE OPERATORS (BY DIVISIONS)
1 9 4 9

	Coal (Tons)		Fuel Oil (Gallons)		Diesel Oil (Gallons)		Gasoline (Gallons)		Other Fuel	Total Cost
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Cost	
<u>INCORPORATED COMPANIES</u>		\$		\$		\$		\$	\$	\$
Atlantic Division	432,579	4,902,996	186,407,540	11,220,258	8,134,519	1,016,784	24,772	4,612	35	17,144,685
Pacific Division	7,002	120,064	43,105,382	2,509,791	5,726,646	810,682	119,898	29,689	96,337	3,566,563
Inland (Including the Great Lakes)	339,562	3,548,886	6,144,009	530,024	1,783,485	266,423	130,785	43,540	13,110	4,401,983
Total (excluding Newfoundland)	779,143	8,571,946	235,656,931	14,260,073	15,644,650	2,093,889	275,455	77,841	109,482	25,113,231
Newfoundland	5	161	1,272,347	151,399	297,571	46,551	600	156	-	198,267
Total (including Newfoundland)	774,478	8,572,107	236,929,278	14,411,472	15,942,221	2,140,440	276,055	77,997	109,482	25,311,498
<u>INDIVIDUAL OWNERSHIP & PARTNERSHIP</u>										
Atlantic Division	29	541	181,901	28,037	581,482	89,946	55,319	14,989	54	133,567
Pacific Division	3	55	59,659	5,160	207,973	31,520	16,354	4,158	-	40,893
Inland (Including the Great Lakes)	637	7,022	2,810	547	11,523	2,408	32,777	10,751	486	21,214
Total (excluding Newfoundland)	669	7,618	244,370	33,744	800,978	123,874	104,450	29,898	540	195,674
Newfoundland	50	1,050	89,235	21,994	86,347	15,877	42,152	11,422	-	50,343
Total (including Newfoundland)	719	8,668	333,605	55,738	887,325	139,751	146,602	41,320	540	246,017
<u>ALL OPERATORS</u>										
Total Atlantic Division	432,608	4,903,537	186,589,441	11,248,295	8,716,001	1,106,730	80,019	19,601	89	17,278,252
Total Pacific Division	7,005	120,119	43,165,041	2,514,951	5,934,619	842,202	136,252	33,847	96,337	3,607,456
Total Inland (Including the Great Lakes)	340,199	3,555,908	6,146,819	530,571	1,795,008	268,831	163,562	54,291	13,596	4,423,197
Total (excluding Newfoundland)	779,812	8,579,564	235,901,301	14,293,817	16,445,628	2,217,763	379,905	107,739	110,022	25,308,905
Total Newfoundland	55	1,211	1,361,582	173,393	383,918	62,428	42,752	11,578	-	248,610
Grand Total (including Newfoundland)	779,867	8,580,775	237,262,883	14,467,210	16,829,546	2,280,191	422,657	119,317	110,022	25,557,515

Vessels Owned or Chartered as at End of Season
by Canadian Marine Operators (By Divisions)

1949

Table 9

	Class of Vessel							Total in Operation	Total Laid up	Grand Total
	Passenger	Passenger and Freight	Freight *	Tanker	Tugs	Tow Barges and Scows	Miscell- aneous Vessels			
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
<u>Incorporated Companies</u>										
Atlantic Division	18	40	327	54	69	46	25	541	38	579
Pacific Division	18	22	41	4	198	297	28	599	9	608
Inland (including the Great Lakes)	21	21	96	5	74	120	57	363	31	394
Total Incorporated (excluding Newfoundland)	57	83	464	63	341	463	110	1,503	78	1,581
Newfoundland	-	6	12	1	-	-	1	19	1	20
Total Incorporated (including Newfoundland)	57	89	476	64	341	463	111	1,522	79	1,601
<u>Individual Ownership & Partnership</u>										
Atlantic Division	15	9	62	-	6	9	-	92	9	101
Pacific Division	1	2	1	-	27	31	3	52	13	65
Inland (including the Great Lakes)	5	8	1	1	11	9	1	31	5	36
Total Individual, etc. (excluding Newfoundland)	21	19	64	1	44	49	4	175	27	202
Newfoundland	4	8	28	2	-	-	-	42	-	42
Total Individual, etc. (including Newfoundland)	25	27	92	3	44	49	4	217	27	244
<u>All Operators</u>										
Total Atlantic Division	33	49	389	54	75	55	25	633	47	680
Total Pacific Division	19	24	42	4	225	328	31	649	22	673
Total Inland (including the Great Lakes)	26	29	97	6	85	129	58	394	36	430
Total (excluding Newfoundland)	78	102	528	64	385	512	114	1,678	105	1,783
Newfoundland	4	14	40	3	-	-	1	61	1	62
Grand Total (including Newfoundland)	82	116	568	67	385	512	115	1,739	106	1,845

* 65 Park Vessels added to Freight
"Atlantic Division"

Table 10

NUMBER OF PERSONS KILLED OR INJURED IN THE CANADIAN
WATER TRANSPORTATION INDUSTRY (BY DIVISIONS) (1)

1 9 4 9

	Members of Crew		Other Employees		Passengers		Other Persons		Total		Vessels Lost	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	No.	Value
<u>INCORPORATED COMPANIES</u>												
Atlantic Division	13	697	-	44	-	30	-	1	13	772	6	1,062,479
Pacific Division	1	298	-	29	-	-	-	-	1	327	1	11,500
Inland (Including the Great Lakes)	2	404	2	403	119	85	-	1	123	893	3	816,481
Total (excluding Newfoundland)	16	1,399	2	476	119	115	-	2	137	1,992	10	1,890,460
Newfoundland	-	1	-	-	-	-	-	-	-	1	1	1,575
Total (including Newfoundland)	16	1,400	2	476	119	115	-	2	137	1,993	11	1,892,035
<u>INDIVIDUAL OWNERSHIP & PARTNERSHIP</u>												
Atlantic Division	-	-	-	-	-	-	-	-	-	-	-	-
Pacific Division	-	2	-	-	-	-	-	-	-	2	-	-
Inland (Including the Great Lakes)	-	-	-	-	-	-	-	-	-	-	-	-
Total (excluding Newfoundland)	-	2	-	-	-	-	-	-	-	2	-	-
Newfoundland	-	-	-	-	-	-	-	-	-	-	-	-
Total (including Newfoundland)	-	2	-	-	-	-	-	-	-	2	-	-
<u>ALL OPERATORS</u>												
Total Atlantic Division	13	697	-	44	-	30	-	1	13	772	6	1,062,479
Total Pacific Division	1	300	-	29	-	-	-	-	1	329	1	11,500
Total Inland (Including the Great Lakes)	2	404	2	403	119	85	-	1	123	893	3	816,481
Total (excluding Newfoundland)	16	1,401	2	476	119	115	-	2	137	1,994	10	1,890,460
Newfoundland	-	1	-	-	-	-	-	-	-	1	1	1,575
Grand Total (including Newfoundland)	16	1,402	2	476	119	115	-	2	137	1,995	11	1,892,035

(1) Includes those lost at sea and presumed dead.

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