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# SESSIONAL PAPERS

VOLUME 9



# FIRST SESSION OF THE THIRTEENTH PARLIAMENT

OF THE

# DOMINION OF CANADA

SESSION 1918





VOLUME LIII.



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OF THE

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- 3. Estimates of sums required for the service of the Dominion for the year ending on the 31st March, 1919, and, in accordance with the provisions of "The British North America Act, 1867." Presented by Hon. Mr. Maclean, March 22, 1918.

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- 4. Supplementary Estimates of sums required for the service of the Dominion for the year ending on tht 31st March, 1918, and, in accordance with the provisions of "The British North America Act, 1867." Presented by Hon. Mr. Maclean, May 18, 1918.

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- 5. Supplementary Estimates of sums required for the service of the Dominion for the year ending on the 31st March, 1919, and in accordance with the provisions of "The British North America Act, 1867." Presented by Hon. Mr. Maclean, May 20, 1918.

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- 8. Report of the Superintendent of Insurance for the year 1917. (Vol. 1.)

  Printed for distribution and sessional papers.
- Report of the Superintendent of Insurance for the year 1917. (Vol. II.)
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- Abstract of Statements of Insurance Companies in Canada for the year ended 31st December, 1917. (Subject to corrections.) Presented by Hon. Mr. Maclean, May 13, 1918.

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- 10a. Report relating to Mail Subsidies and Steamship Subventions as controlled by the Department of Trade and Commerce, for the fiscal year ending 31st March, 1917, with Traffic Returns, etc., to 31st December, 1917. Presented by Sir George Foster, May 17, 1918. Printed for distribution and sessional papers.
- 10b. Report of the Trade and Commerce Department. Grain Statistics for the fiscal year 1916, and the Report of the Board of Grain Commissioners Printed for distribution and sessional papers.
- 10c. Criminal Statistics for the year ended September, 1917. Printed for distribution and sessional papers.

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- 13. Inland Revenue, Annual Report, Part II-Weights and Measures, Gas and Electricity. The Senate..... Printed for distribution and sessional papers
- 14. Inland Revenue-Part III-Adulteration of Food. The Senate. Printed for distribution and sessional papers
- 15. Report of the Minister of Agriculture for the Dominlon of Canada, for the year ended 31st March, 1917. Presented by Hon. Mr. Crerar, March 25, 1918. Printed for distribution and sessional papers.
- 15b. Report of the Veterinary Director General for the year 1917. Printed for distribution and sessional papers.
- 15c Report on "The Agricultural Instruction Act," 1916-17, pursuant to Section 8, Chapter 5 of 3-4 George V. Presented by Hon. Mr. Crerar, March 25, 1918.
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- 16. Report of the Director and Officers of the Experimental Farms for the year ending 31st

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- 20b, Railway Statistics for the Dominion of Canada, for the year ended 30th June, 1917 Printed for distribution and sessional papers
- 20 Twelfth Report of the Board of Railway Commissioners for Canada, for the year ending 31st March, 1917 Presented by Hon Mr. Reld, March 25, 1918.
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- 20d Telephone Statistics of the Dominion of Carada, for the year ended 30th June, 1917. Presented by Hon Mr. Bell, March 25, 1918 Printed for distribution and sessional papers

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- 21. Fiftieth Annual Report of the Department of Marine and Fisheries, for the year 1916-17-Marine. Presented by Hon, Mr. Ballantyne, March 20, 1918. Printed for distribution and sessional papers.
- 22. List of shipping issued by the Department of Marine and Fisheries, being a list of vess-is
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- 23. Supplement to the Fiftieth Annual Report of the Department of Marine and Fisheries (Marine)—Steamhoat Inspection Report. Printed for distribution and sessional papers.

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- 26a. Summary Report of the Mines Branch of the Department of Mines, for the year ending 31st December, 1917..... ...... ... ... Printed for distribution and sessional papers.
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- 35. Report of the Militia Council for the Dominion of Canada, for the fiscal year ending 31st March, 1917. Presented by Hon. Mr. Mewburn, April 10, 1918. Printed for distribution and sessional papers.
- 36. Report of the Department of Labour for the fiscal year ending 31st March, 1917. Presented by Hon. Mr. Crothers, March 26, 1918.... Printed for distribution and sessional popers.
- 36a. Tenth Report of the Registrar of Boards of Concilliation and Investigation under "The Industrial Disputes Investigation Act, 1917." for the fiscal year of 1917.

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- 38a Supplement to the Seventh Annual Report of the Department of the Naval Service (Fisheries Branch). Contributions to Canadian Biology, being studies from the Biological

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- 41. Minute of Council appointing the Honourable Martin Burrell, Secretary of State; the Honourable John Dowsley Reid, Minister of Railways and Canals; the Honourable Arthur L. Sifton, Minister of Customs, and the Honourable James A Calder, Minister
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  - P.C. 87, dated 17th January, 1918. Regulation prohibiting taking of firearms, etc. from Canada by sea without permission of naval or military authority.
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P.C. 524, dated 2nd March, 1918 .- "Defence of Canada Order, 1917," enforcement of provisions.

P.C. 2769, dated 4th October, 1917.—Amendment to "Defence of Canada Order, 1917," re lights on vessels.

P.C. 2791, dated 9th October, 1917.—Retention of services of men in the R.N.C.V.R.

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P.C. 3017, dated 3rd December, 1917.—Amendment to "Defence of Canada Order,

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P.C. 3064, dated 2nd November, 1917.—Rates of pay to officials officiating at courts martial and disciplinary courts for the Royal Canadian Navy.

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- 42b. Copy of Order in Council, P.C. 863, dated 12th April, 1918; amendments of "Defence of Canada Order, 1917."—Equipment of ships for protection against the enemy. Pre-
- 42c. Copy of Order in Council P.C. 950, dated 19th of April, 1918.—Establishment of the rank of warrant writer in the R.N.C.V.R. Also,-Copy of Order in Council P.C. 70/942, dated 19th April, 1918.-Allowance to chief examining officers at Canadian naval ports.
- 42d. Copy of Order in Council, P.C. 974, dated 23rd April, 1918, "Defence of Canada Order, 1917, Entry in Canada of vesse's carrying explosives in self defence. Also, Copy of Order in Council, P.C. 957, dated 19th April, 1918.—Institution of the rank of surgeon probationer, Royal Naval Canadian Volunteer Reserve. Presented by Hon. Mr.
- 42c. Order in Council No. P.C. 1102, dated 10th May, 1918,—Amendments of "Defence of Canada Order, 1917," Section 23c, re fitting and supplying vessels registered in Canada with defensive armaments. Order in Council No. P.C. 1129, dated 11th May, 1918—Amendments of "Defence of Canada Order of 1917," Section 22A, re ships lights.
- 42/. Copy of Order in Council No. P.C. 1208, dated 17th May, 1918, re allowances to officers

- 43. P.C. 632, dated 14th March, 1918, respecting the increase in freight and passenger rates on Canadian rallways. P.C. 631, dated 14th March, 1918, respecting the collection of special taxes from the Canadian Pacific Railway Company. Presented by Sir Robert
- 44, P.C. 3116, dated 2nd November, 1917 .- Regulations forbidding the use of grain for the distillation of potable liquors.

P.C. 3473, dated 22nd December, 1917.—Regulations respecting the prohibition of the importation of intoxicating liquors except wine for use in Divine service; liquor for medicinal purposes; liquor for manufacturing purposes; and specifying the strength of an intoxicating liquor.

P.C. 3484, dated 26th December, 1917, amending P.C. 3473, dated 22nd December, 1917, by striking out the word "alcohol" and substituting the words "proof spirits." P.C. 134, dated 19th January, 1918, amending P.C. 3473, dated 22nd December, 1917.

respecting the importation of liquors after 24th December, 1917, if actually purchased

and shipped before 31st January, 1918.
P.C. 224, dated 26th January, 1918, amending P.C. 3473, dated 22nd December, 1917. providing for the issuing of a special license by the Minister of Customs for the importation of liquors under certain circumstances.

P.C. 589, dated 11th March, 1918.—Regulations regarding the manufacture and sale of intoxicating liquors in Canada. Presented by Sir Robert Borden, March 18, 1918. Not printed

45, P.C. 3073, dated 29th October, 1917. Establishment of a Department of Immigration and Colonization; provision of a salary for the Secretary of State for External Affairs.

- 46, P.C. 432, dated 21st February, 1918.—Establishment of a Department of Soldiers' Civil Re-
  - Establishment.

P.C. 433, dated 21st February, 1918.—Regulations re Military Hospitals Commission, P.C. 434, dated 21st February, 1918.—Invalided Soldiers' Commission, P.C. 442, dated 21st February, 1918.—Appointing Sir James Lougheed, K.C.M.G.,

Minister of Soldiers' Civil Re-Establishment.
P.C. 443, dated 23rd February, 1918.—Accepting resignation of Mr. F. B. McCurdy, as Parliamentary Secretary of the Department of Militia and Defence.

P.C. 444, dated 23rd February, 1918,-Appointing F. B. McCurdy, Esq., Parlia-

mentary Secretary of the Department of Soldiers' Civil Re-Establishment.

P.C. 445, dated 23rd February, 1918.—Accepting the resignation of Sir James Lougheed, K.C.M.G., as Chairman of the Invalided Soldiers' Commission; and appoint-

- 47, P.C. 307, dated 6th February, 1918. Purchases to be made by the War Purchasing Com-
- 48. P.C. 272, dated 2nd February, 1918 Appointment of a Canadian War Mission in the United States of America.

P.C. 281, dated 2nd February, 1918.-Appointing Lloyd Harris, Chairman of the

Canadian War Mission in the United States of America.
P.C. 653, dated 16th March, 1918.—Appointing Messrs, Frank A Rolph, A 11 Scott and Ross II. McMaster, members of the Canadian War Mission in the United States of America, Presented by Sir Robert Borden, March 18, 1918. . . . . . . . . Not printed.

- 48a Return to an Address to His Excellency the Governor General of the 20th March, 1918, for
- P.C. 112, dated 22nd January, 1915 Appointment of T. Sherman Rogers, K.C., William B. Wallace, Judge of the County Court, both of Halifax, and Frederick Luther Fowke, of Oshawa, gentleman, as Commissioners under the name of the Halifax Rellef Commis-

P.C. 576, dated 9th March, 1918. Regulations rc payment of claims arising out of the Halifax disaster. First report of Halifax Relief Commission attached. Presented by Sir Robert Borden, March 18, 1918 . . . . Printed for sessional papers only

50, P.C. 3005, dated 23rd October, 1917 — Appointment of a War Committee of the Cabinet 10 C. 3006, dated 23rd October, 1917 — Appointment of a Committee of the Cabinet to 

51. P.C. 358, dated 13th February, 1918.—Regulations re appointments to the Public Service. P.C. 491, dated 28th February, 1918.—Respecting appointments, promotions, etc., in the Civil Service other than in the several departments.

P.C. 372, dated 18th February, 1918.—Appointment of a Committee of Council, repreparation of a Bill respecting the Civil Service.

P.C. 548, dated 15th March, 1918 .- Approval of Interim Regulations made by the Civil Service Commission, under clause 3 of O.C. P.C. 358, dated 13th February, 1918.

P.C. 637, dated 18th March, 1918.—Regulations re dismissal of public officials on 

- 52, P.C. 2833, dated 8th October, 1917.—Public Service Committee of National Service.
- 52a. Registration Regulations made by the Canada Registration Board. Presented by Hon.
- 52b. Memorandum respecting the plans of the Canada Registration Board and the progress it is making in its work. Presented by Sir George Foster, May 23, 1918.....Not printed.
- 53. P.C. 1433, dated 24th May, 1917.—Regulations re departure out of Canada of male persons liable to or capable of military service.

P.C. 1531, dated 4th June, 1917.—Statutory declaration—Schedule 'B" of O.C. May

24, 1917, may be made before certain persons.

P.C. 1799, dated 30th June, 1917.—Regulations made by O.C. May 24, 1917, amended. P.C. 2245, dated 3rd September, 1917.—Military Service Council: Appointment Deputy Minister of Justice, O. M. Biggar, John H. Moss, L. Loranger, and L.-Col. H. A. C.

Machin as.
P.C. 2497, dated 8th September, 1917.—Central Appeal Judge: Appointment Mr.

Justice Duff as.

P.C. 2498, dated 11th September, 1917.-Members of local tribunals: Minister of Justice may appoint after September 25, 1917.

P.C. 2554, dated 15th September, 1917.—Registrar for British Columbia—R. S. Lennie, K.C.

P.C. 2555, dated 15th September, 1917.—Registrar for New Brunswick—W. A.

Ewing, K.C. P.C. 2556, dated 15th September, 1917.—Registrar for Quebec-Eugene Godin, K.C.

P.C. 2557, dated 15th September, 1917.—Registrar for Saskatchewan—A. L. Haining P.C. 2558, dated 15th September, 1917.—Registrar for Manitoba—E. R. Chapman. P.C. 2559, dated 15th September, 1917.—Registrar for Toronto—Glynn Osler.

P.C. 2563, dated 15th September, 1917.—Franking privilege extended to Registrars

and Deputy Registrars.

P.C. 2564, dated 15th September, 1917.—Regulations re departure out of Canada of male persons capable of military service, made on May 24 and June 30, 1917, amended. P.C. 2591, dated 17th September, 1917.—Registrar for Calgary—John M. Carson. P.C. 2598, dated 17th September, 1917.—Registrar for Prince Edward Island—W. W. Stanley.

P.C. 2603, dated 18th September, 1917 .- O. M. Biggar authorized to sign requisi-

tions for printing and stationery for use of Military Service Council,

P.C. 2618, dated 20th September, 1917.—Registrar for the Yukon—John Black. P.C. 2623, dated 21st September, 1917.—Deputy Registrars, Ontario—W. Wismer and Major H. P. Cook.

P.C. 2624, dated 21st September, 1917.—Deputy Registrar for Quebec-A. Gobeil. P.C. 2635, dated 28th September, 1917.—Deputy Registrar for Quebec-F. A.

P.C. 2637, dated 28th September, 1917.—Re making alien residents of Allied nationality in Canada liable to military service.

P.C. 2664, dated 24th September, 1917.—Deputy Registrar for Ontario—G. A Toole.

P.C. 2699, dated 3rd October, 1917.—Registrar for Nova Scotia—E. H. Nichols. P.C. 2725, dated 3rd October, 1917.—List of officials to sign Letter of Credit

cheques. P.C. 2781, dated 4th October, 1917 .- Approval of Proclamation calling out for

military service of Class 1. P.C. 2833, dated 8th October, 1917 .- Public Service Committee of National Service

Board, to investigate claims of Civil Servants for exemption.

P.C. 2936, dated 15th October, 1917.-Time extended for calling out Class 1 in the Yukon.

P.C. 2958, dated 19th October, 1917.—Regulations under Military Service Act, 1917. P.C. 3007, dated 20th October, 1917.—Travelling expenses of members of Board of Selection.

P.C. 3008, dated 20th October, 1917.—Living and travelling expenses of members of Military Service Council.

P.C. 3025, dated 20th October, 1917.—Regulations re reporting for service and

claims for exemption for men residing outside of Canada.

1.C. 3033, dated 23rd October, 1917.—Convention Great Britain and United States calling out for military service under its own colours its citizens resident in the other

P.C. 3036, dated 23rd October, 1917 .- Re exemption of members of the R.N.W.M.

Police.

P.C. 3093, dated 2nd November, 1917.—Clerk of Central Appeal Judge-J. L. McDougall—at salary of \$250 a month.
12.C. 3095, dated 2nd November, 1917.—Expenses of Military Service Branch to be

paid from War Appropriation.

P.C. 3112, dated 2nd November, 1917.—Expenses of Judges rc making appoint-

P.C. 3118, dated 7th November, 1917.—Further regulations under Military Service Act, 1917.

P.C. 3168, dated 9th November, 1917.—Regulations re dealing with deserters and

absences without leave, etc. P.C. 3169, dated 9th November, 1917.—Regulations re claims for exemptions by persons who have failed to comply with Proclamation under Military Service Act, 1917. P.C. 3230, dated 19th November, 1917 .- Regulations fixing penalties for non-

compliance with the law.

P.C. 3231, dated 19th November, 1917.-Rc applications for exemption in Northwest Territories and other remote regions.

P.C. 3232, dated 19th November, 1917.—J. H. Moss authorized to sign requisitions for printing and stationery for use of Military Service Council.

P.C. 3283, dated 27th November, 1917.—Regulation re repatriation of citizens or

subjects of Allied countries resident in Canada.

P.C. 3285, dated 27th November, 1917.-Minister of Justice authorized to designate a Judge to perform duties assigned to Chief Justice re appeal tribunals in case of a vacancy in said office.

P.C. 3298, dated 29th November, 1917.—Registrars and Deputy Registrars, remun-

eration of

P.C 3321, dated 30th November, 1917.—Regulations re appeal to Central Judge from decisions of tribunals.

P.C. 3344, dated 3rd December, 1917 .- Re hearing of appeals as speedly as

P.C. 3348, dated 3rd December, 1917.-Re discharge from military service persons engaged in agriculture.

P.C 3349, dated 3rd December, 1917 — Minister of Agriculture authorized appoint representatives of Department of Agriculture to attend fribunals, 1247, 3256, dated 5th December, 1917.—Remuneration of representatives of

Minister of Agriculture (\$5 per diem). P.C. 3463, dated 24th December, 1917.—Regulations re departure out of Canada of male persons, made by O.C. May 24, 1917, amended.

P.C. 33, dated 7th January, 1918 - Regulations re establishment of additional tilbiras to decide appeals.

P.C. 35, dated 7th January, 1918.-Regulations; remuneration and expenses of

1°C 70, dated 8th January, 1918. Regulations respecting men changing reside . c. 1°C, 54, dated 5th January, 1918,--Enlargement of Dominion Police Force in con-

nection with administration of the Military Service Act. P.C. 111, deted 17th January, 1918.—Regulations re exemption of Indians and

other disfranchised British subjects, from Military Service. P.C. 115, dated 17th January, 1918.—Regulations prescribing obligations of

exempted men under the Military Service Act.
102-116, dated 17th January, 1918 - Appointment of Douglas Kerr as Comms-

siener of Police to enforce Military Service Act.

P.C. 178, dated 21st January, 1918 Regulations re appeal claims for exemption under the Military Service Act, 1917. P.C. 181 dated 26th January, 1918. Regulations re-furnishing of information by employers of employees liable for Military Service.

P.C. 182, dated 26th January, 1918. Regulations re reporting for military duty

in case of a appeal for exemption P.C. 195, dated 24th January, 1918. Extension of time for appeals from decisions

to al tribunats. P.C. 196, dated 26th January, 1918. Regulations re appeals from the grants of

exemption by tribunals production of foodstuffs. FC 237, dated 26th January, 1918 Liability to Military Service of United States til zers in Canada, and Candian British subjects in the United States.

P.C. 171, dat d. and Pebruary, 1918 Regulations re hearing of appeals in the President Gueller

P.C. 384, dated 18th February, 1918.-Appointment of an agricultural representative for each Military District to act as adviser to the Leave of Absence Boards.

P.C. 435, dated 23rd February, 1918.—Accepting resignation of Mr. Glyn Os'er, K.C., as Register under the Military Service Act, at Toronto, and appointing Mr. C. Leslie Watson, Registrar for Ontario.

P.C. 450, dated 2nd March, 1918.—Constitution of a Directorship under the Military

Service Act, 1917; and appointing Lt.-Col. H. A. C. Machin, to the said office.
P.C. 451, dated 23rd February, 1918.—Use of certain of the Judges of the Circuit Court of the District of Montreal for the determination of appeals under the Military Service Act, 1917

P.C. 452, dated 23rd February, 1918.—Accepting the resignation of Mr. E. R. Chapman, Registrar under the Military Service Act for Manitoba, and appointing Mr. George

A. Toole to succeed him.

P.C. 572, dated 9th March, 1918.-Application of the provisions of the Canadian Military Service Act, 1917, to aliens of allied nationality resident in Canada. (Copy 

53a. Copies of Orders in Council-

P.C. 815, dated 4th April, 1918.—Regulations, under the War Measures Act, 1914, in respect to the utilization of the human energy of Canada for purposes essential to

the prosecution of the present war.

And P.C. 834, dated 4th April, 1918 .- Conferring certain powers on the General Officer or the Officer Commanding Military Districts, in case of riot, insurrection or civil disturbance, or obstructing the enforcement of the Mi'itary Service Act, 1917, etc. 

54, Copies of Orders in Council, as follows-

P.C. 3160, dated 9th November, 1917.—Regulations re appointment of a Director of Public Information.

P.C. 3161, dated 9th November, 1917.—Appointing Mark E. Nichols, Esq., Director of Public Information. Presented by Hon. Mr. Rowell, March 18, 1918...Not printed.

- 55. Copy of the Minutes of the meetings of the Conference between the Dominion and Provincial Governments of Canada, held at Ottawa, during February, 1918, respecting the general war situation as concerned with financial, food, shipping, and military necessities. Presented by Hon. Mr. Calder, March 18, 1918.... .. Printed for sessional papers only.
- 56. Copies of Orders in Council, as follows-

P.C. 1480, dated 16th June, 1917.—Regulations for appointment of Food Controller. P.C. 1684, dated 21st June, 1917.—Appointment of Hon. W. J. Hanna as Food Controller.

P.C. 1844, dated 3rd July, 1917.-Staff, office of Food Controller; appointment of Todd, Willison and French.

P.C. 2079, dated 1st August, 1917.-Franking privilege extended to Food Controller.

P.C. 2190, dated 9th August, 1917.—Regulations applicable to public eating places

and use of wheat for alcohol prohibited; penalties imposed, etc. P.C. 2210, dated 11th August, 1917.-Food Controller's Office; \$25,000 for salaries

and expenses of.

P.C. 2292, dated 18th August, 1917.—Export of flour prohibited.
P.C. 2333, dated 23rd August, 1917.—Food Controller's Office; appointment of officers, clerks and others; authority to make such appointments, fix salaries, etc.

P.C. 2352, date 24th August, 1917.—Canned vegetables; prohibition of use of

while fresh vegetables are available.

P.C. 2730, dated 3rd October, 1917.-Franking privilege to secretaries of Provincial Committee of Food Controller's Office.

P.C. 2689, dated 8th October, 1917 .-- Food Control; Educational Bureau; appointments.

P.C. 2688, dated 11th October, 1917.—Regulations re wholesale producers and dealers. Must make returns, etc.

P.C. 2959, dated 19th October, 1917.—Cereal foods. Regulations re sale of, P.C. 2959 (a), dated Extra Canada Gazette, 25th October, 1917.—Order of Food Controller extending time for commencement of Cereal Food Regulations.

P.C. 3044, dated 23rd October 1917 .- Olcomargarine; Regulations rc importation and sale of.

P.C. 3116, dated 2nd November, 1917.—Use of grain for distillation of potable

liquors, prohibited.
P.C. 3141, dated 6th November, 1917.—\$70,000 for expenses office of Food Con-

P.C. 3211, dated 15th November, 1917.- Export of foodstuffs; prohibition of

P.C. 3214, dated 15th November, 1917 .- Licensing of dealers in food, etc Regulations re. Food Controller authorized to fix profits, etc.

P.C. 3223, dated 15th November, 1917.—Licensing of mills for the grinding of flour: regulations re.

P.C. 3215, dated 19th November, 1917.-Food Controller's Office; \$100,000 for

salaries and other expenses in.

P.C. 3236, dated 19th November, 1917 - Oleomargarine; Regulations rc handling of; Licenses for importation of to be issued from Office of Veterinary Director General, P.C. 3236 (a), dated 2nd Extra Canada Gazette, 17th November, 1917.—Order of Food Controller ve manufacture, importation and sale of Oleomargarine.

P.C. 3239, dated 19th November, 1917 - Food Control Regulations framed by Food

Controller re licenses for exportation of goods to allied countries, etc., approved.
P.C. 3203, dated 27th November, 1917.—Manufacture of malt; regulations re.
P.C. 3347, dated 3rd December, 1917.—Prohibition of export of certain foods to the United Kingdom, British possessions, etc., except under license from Minister of Customs, P.C. 3430, dated 24th December, 1917.—Food Control Regulations re cars containing food being held for longer period than four days, etc.

P.C. 163, dated 19th January, 1918,-\$50,000 for expenses of Food Controller's

P.C. 180, dated 21st January, 1918.-Regulations re licensing flour mills made by Order in Council 3223, 15th November, 1917, to extend to all flour mills. 1.C. 200, dated 24th January, 1918. Resignation, Hon. W. J. Hanna as Food Con-

treller.

P.C. 53, dated 26th January, 1918—Regulations re expertation of certain goods. P.C. 212, dated 26th January, 1918.—Staff, office of Food Controller. Former Orders in Council re cancelled, and Food Controller authorized to appointment of certaln members of.

P.C. 223, catel 4th February, 1918—Appointment Mr. 11 B. Thomson as Food Controller vi e Hen. W. J. Hanna.
P.C. 344, dated 11th February, 1918.—Canada Food Board
P.C. 345, dated 11th February, 1918.—Appointment members of Canada Food Beard: Messrs. Thomson, Dunning and McGregor

P.C. 370, dated 12th February, 1918 -Regulations of Public Eating Places, O.C.,

9th August, 1917, . mended.

10° 120° et d 20th February, 1918.—Amending O.C. of Pehruary 11, 1918, creating The County Feed Per rd-Powers not to include any of the powers or duties vested in the Boarl of Grain Supervisers for Canada.

P.C. 470, dated 28th February, 1918,-Probibling removal of flint or dent corn from the sunties of Lambton, Ess x. Kent and Elgin to any place outside of said

P.C. 5.3. dated 7th Mar h, 1918 - Regulations re use of grain for feed purpo es in sto k ya ds, etc.

P.C. 567. dated th March, 1918. Placing of sums of money to the credit of the Canada Food Board for the purchas of Ford tractors.

P.C. 560. and 9 March, 1918. Regulations relicensing of packing houses.

Listaten of a refit of sales.

P.C. 566. and 17th March, 1918. Regulations recover of The Canada, Food.

19.C. 566, stid 12th March, 1918 Regulations re-power of The Canada Food Roard to make orders, eguiding the kl ds and amounts of foots that may be used, etc. F.C. 597, dated 12th March, 1918. Regulations forbidding the wilful waste of any for feel problets, each mass leaves. Not pented

- turn to an Order of the House of the 20th March, 1918, for a return show-ing -1. When and upon whose recommenda ion the office of Food Controller in Canada was author zed and upon whose resonances to the which Ministerial Department the Food Controller reports, and what member of the cablect, if any, is responsible for the administration of the office of Food Controller. 3. The total amount incurred as salaries for Food Controller and his as starts and staff at Ottawa and throughout Canada from the early shime at of the office up to and including end of February, 1918. 4 The total the cithly should of the office up to and including end of February, 1918. 4 The total cxic s of Fool Controller's Office at Ottawa and throughout Canada, including tests, first hing, equipment, heat, light, salaries, travelling expenses, stationery, printing, office it is telegrams, telephones, postage, and all other expenses of Food Controllers Office and the other attroughout Canada, since the establishment of the controllers of the controller Controler? Official Offices and considerable of the conjugacing of the conjugacing in the legal postage, etc., including all and every expense of Food Controller's telegraph of the controller's offices throughout Canada for each of following months of the controller's 1917, and February, 1918. 6. Whether there are any claim for alary of the controller's Office outstanding or in dispute, if so, the amount involved. 7. How many employees there are on the Food Controller's staff at out, we and throughout Canada. 8. How many of the employees are returned so'diers who have been on a type service since 1914. Presented April 18, 1918. We Lapointe of the text of the controller's staff at the c 11

- 56c. Return to an Address to His Excellency the Governor General of the 20th March, 1918, for a copy of the Order in Council recently passed making provision for the staff, the number of persons to be employed and their salaries, in the Food Controller's Office. a list of the names of those at present employed, showing their respective salaries and duties, former occupations, where formerly employed and salary received in former occu-
- 56d. Return to an Address to His Excellency the Governor General, of the 27th March, 1918, for a copy of the Orders in Council creating the Canada Food Board, and all correspondence antecedent or posterior to the Order in Council with respect to the same, as well as all regulations not already brought down. Presented May 20, 1918.—Sir Wilfria
- 56e. Supplementary return to an Order of the House of the 20th March, 1918, for a return showing-1. When and upon whose recommendation the office of Food Controller in Canada was authorized and established. 2. To which Ministerial Department the Food Controller reports, and what member of the cabinet, if any, is responsible for the administration of the office of Food Controller. 3. The total amount incurred as salaries for Food Controller and his assistants and staff at Ottawa and throughout Canada from the establishment of the office up to and including end of February, 1918. 4. The total expense of Food Controller's Office at Ottawa and throughout Canada, including rents, furnishing, equipment, heat, light, salaries, travelling expenses, stationery, printing, advertising, telegrams, telephones, postage, and all other expenses of Food Controller's Office, Ottawa, and branch offices throughout Canada, since the establishment of the office, up to and including February, 1918. 5. The total cost of administration of Food Controller's Office at Ottawa and throughout Canada, including rents, furnishings, equipments, heat, light, salaries, travelling expenses, stationery, printing, advertising, telegrams, telephone, postage, etc., including all and every expense of Food Controller's Office at Ottawa and barrels of the Controller's Office at Ottawa and State of State of Controller's Office at Ottawa and barrels of the Controller's Office at Ottawa and State of State of Controller's Office at Ottawa and barrels of State of Controller's Office at Ottawa and State of State of Controller's Office at Ottawa and State of State of Controller's Office of Ottawa and State of State of Controller's Office of Ottawa and State of State of Controller's Office of Ottawa and State of Ottawa a Office at Ottawa and branch office throughout Canada for each of following months, viz.: December, 1917, and February, 1918. 6. Whether there are any claims for salary or expenses from the Food Controller's Office outstanding or in dispute; if so, the amount involved. 7. How many employees there are on the Food Controller's staff at Ottawa and throughout Canada. 8. How many of the employees are returned soldiers who have been on active service since 1914. Presented May 20, 1918.—Mr. Lapointe

57. Copies of Orders in Council, as follows:--

P.C. 1579, dated 11th June, 1917.-Fuel Controller.-Report on coal situation and appointment of Chas. A. Magrath as.

P.C. 1651, dated 15th June, 1917.—Fuel Controller vested with powers under

Inquirles Act. P.C. 1862, dated 6th July, 1917.—Fuel Controller; \$10,000 allocated from War Appropriation.

P.C. 1887, dated 12th July, 1917 .- Fuel Controller .- Report on coal situation and

appointment of Chas. A. Magrath as. P.C. 2060, dated 27th July, 1917.—Assistant Fuel Controller. H. P. McCue as.

P.C. 2289, dated 22nd August, 1917.-Fuel Control. Appointment of Donald S

P.C. 2239, dated 22nd August, 1917.—Puel Controll. Appointment of Donald S. Kerr to assist and C. W. Paterson as Deputy Fuel Controller.

P.C. 2611, dated 19th September, 1917.—"David S. Kerr" instead of "Donald S. Kerr" (O.C. 22nd August, 1917—P.C. No. 2289, amended).

P.C. 3068, dated 26th October, 1917.—Regulations re importation and sale of coal.

P.C. 105/3241, dated 3rd December, 1917.—Salary of Deputy Fuel Controller, C. W. l'eterson, fixed at \$500 per month

P.C. 285, dated 4th February, 1918 .- Duties of Fuel Controller; O.C. 12th July, 1917.—P.C. 1887, defining, amended

P.C. 298, dated 5th February, 1918.—Fuel Regulation. Providing for heatless days in factories, theatres, etc.

P.C. 325, dated 11th February, 1918.—Powers of Fuel Controller extended. Sir George Foster laid on the Table, by Command of His Excellency,—Copies of Orders in Council, as follows :-

P.C. 359, dated 20th February, 1918.—Regulations providing for the conservation of fuel necessary to the national security.

P.C. 564, dated 8th March, 1918.—Amending regulations re conservation of fuel as regards the closing of golf, country, yacht, canoe or hunt clubs and places of amusement on certain days. Presented by Sir George Foster, March 19, 1918...Not printed.

- 58. Annual Report of the Editorial Committee on Government Publications, on its operations from the date of its appointment, 4th October, 1917, to 20th March, 1918. Presented by Sir George Foster, April 24, 1918. . . . Printed for distribution and sessional papers.
- 58a. P.C. 2729, dated 4th October, 1917 .- Establishment of Editorial Committee rc printing of public documents. Presented by Sir George Foster, March 19, 1918. Printed for sessional papers only.

- 59a. Return to an Address to His Excellency the Governor General of the 20th March, 1918, for a copy of all Orders in Council creating the War Trade Board, appointments to the same, instructions, and reports from the Board to this date. Presented by Sir Wilfrid
- Statement of Governor General's Warrants issued since the last Session of Parliament on account of 1917-18. Presented by Hon. Mr. Maclean, March 20, 1918....................... Not printed.
- 61, Statement of receipts and expenditures of the National Battlefields Commission to 31st March, 1917. Presented by Hon. Mr. Maclean, March 20, 1918. . . . . . Not printed
- 62. Statement showing distribution of the \$25,000,000 advanced by the Dominion Government to the Canadian Northern Railway and its constituent companies, as provided for in Chapter 24, Statutes of 1917. Presented by Hon. Mr. Maclean, March 20, 1918. Not printed
- 62a. Return showing:-1. What sums, if any, have been paid since the first day of August.
- Statement of the Receipts and Expenditures of the Royal Society of Canada, for the year 63. ended April 30, 1917. Presented by Hon. Mr. Maclean, March 20, 1918. . . . Not printed.
- 64.
- Beturn to an Aldress to His Excellency the Governor General of the 8th April, 1918, for a copy of the Order in Council creating a paper commission, and also a copy of the subsequent Orders in Council in regard to the work of this Commission. Presented
- 64b. Beturn to an Order of the House of the 5th April, 1918, for a copy of all correspondence
- Report and Statement of Receipts and Expenditures of the Ottawa Improvement Commiss of to March 31, 1917. Presented by Hon, Mr. Maclean, March 20, 1918.
- Statement of Superannuation and Retiring Allowances in the Civil Service during the year ending 31st December, 1917, showing name, rank, salary, service allowance and cause of retirement of each person superannuated or retired, also whether vacancy has been
- Report of Women's War Conference, called by the War Committee of the Calunet, at Ottawa February 28th to March 2nd, 1918. Presented by Hon Mr. Rowell, March 20, 1918.
- Letter of the Honourable Albert Sévigny to the Right Honourable the Prime Minister, resign in a position as Minister of Inland Revenue, and the letter of the Prime Minister is acknowledgment thereof. Presented by Sir Robert Borden, March 26, 1918 69.
- 70.

71. Return of Orders in Council which have been published in the Canada Gazette and in the British Columbia Gazette, between 1st January 1917, and the 8th March, 1918, in accordance with provisions of subsection (d) of section 38 of the regulations for the survey, administration, disposal and management of Dominion lands within the 40-mile Railway Belt in the Province of British Columbia, as follows:-

P.C. 3277, 5th January, 1917. License of occupation of a portion of the bed of the Fraser river to the Kettle Valley Railway Company.
P.C. 159, 19th January, 1917. Limiting the right of homestead entry in the Railway Belt to persons who were British subjects or a country allied to Great Britain, or subject of a neutral country and who have continued to be so. P.C. 107, 12th Fehruary, 1917. Waiving completion of naturalization, hefore issue

of patent for Dominion Lands in certain cases where entrant is on active service.

572, 5th March, 1917.

account of war conditions. P.C. 736, 17th March, 1917. Providing for homesteaders being given credit for time spent at agricultural labour in Canada during the year 1918, towards the performance of residence duties.

Regulations re natural resources necessitated on

10th April, 1917. 982, Authorizing the sale of certain lands in British

Columbia to Canadian Pacific Railway Company for pipe-line purposes.

P.C. 2076, 1st August, 1917. Authorizing certain changes in the Timber Regula-

P.C. 2562, 15th September 1917. Vesting the title to certain lands in the Railway Belt in His Majesty for the purposes of the Province of British Columbia.
P.C. 3210, 15th November, 1917. Authorizing the cutting of timber on Dominion

lands for ship-building purposes.

P.C. 3243, 27th November, 1917. Confirming certain Orders in Council re admin-

istration of Dominion Lands in the Railway Belt in British Columbia. P.C. 3245, 27th November, 1917. Permitting a man on active service giving power of attorney with respect to his rights to Dominion lands in Railway Belt, British Columbia.

P.C. 185, 24th January, 1918. Repealing Order in Council P.C. 159, January 19,

1917, and substituting certain regulations therefor.

P.C. 23\_425, 20th February, 1918. Authorizing the issue of a lease to J. H. Morrison, Kamloops, of certain lands in the Railway Belt, British Columbia, for mining purposes. Presented by Hon. Mr. Meighen, April 2, 1918........Not printed.

72. Return of Orders in Council which have been published in the Canada Gazette, between the 1st January, 1917, and the 8th March, 1918, in accordance with the provisions of "The Forest Reserves and Park Act," Section 19, of Chapter 10, 1-2 George V, as

P.C. 340, 7th February, 1917, amending Order in Council 19th December, 1916. administration of "Project Meadows" in Forest Reserves in Railway Belt, British

Columbia.

P.C. 2595, 18th September, 1917, placing the control of certain lands in the Waterton Lakes Park under the Director of Forestry.

Waterton Lakes Park under the Director of Forestry. P.C. 2594, 18th September, 1917, rescinding Order in Council 8th June re Rocky Mountains Park. Présented by Hon. Mr. Meighen, April 2, 1918. . . . . . Not printed.

73. Return of Orders in Council which have been published in the Canada Gazette, between 1st January, 1917, and the 8th March, 1918, in accordance with the provisions of Section 77 of the "Dominion Lands Act," Chapter 20, 7-8 Edward, VII, as follows:—
P.C. 13, 8th January, 1917. Rescinding Order in Council 4th March, 1910, re S.W. 4 of 4-9-14, W. 2nd Meridian, and making same available for homestead purposes.

P.C. P.C. 60, 13th January, 1917. Transferring certain lands in Cowesses Indian Reserve No. 73, to the Province of Saskatchewan, for road purposes.

P.C. 108, 17th January, 1917. Withdrawing from general disposition certain petroleum and natural gas rights in the vicinity of the City of Edmonton.
P.C. 108, 17th January, 1917. Authorizing free grant of lot 5, township 70-23, W.

5th, to "La Corporation Episcopale Catholique Romaine d'Athabaska."

P.C. 110, 17th January, 1917. Authorizing the sale of certain lands to Moses Lessard for irrigation purposes.

P.C. 159, 19th January, 1917. Providing that a person applying for a homestead entry in the Railway Belt, British Columbia, must be a British subject and has since continued to be a British subject, or a subject of a British Allied or neutral country.

P.C. 165, 20th January, 1917. Setting aside certain Dominion lands for Indian

Reserve purposes. P.C. 166, 20th January, 1917. Setting aside certain Dominion lands for Indian

Reserve purposes, P.C. 167, 20th January, 1917. Setting aside certain Dominion lands for Indian

Reserve purposes.
P.C. 210, 26th January, 1917. Dispensing with residence duties in confection with the entry of Frank Ruppert for the S.W. 4 of 16-33-14, W. 4th.
P.C. 301, 2nd February, 1917. Dispensing with residence duties in connection

P.C. 316, 3rd February, 1917. Authorizing grant to L. F. Cardinal of the W. 3 of 22-108-13, W. 5th, by virtue of his occupation thereof at date of extinguishment of

Indian Title.

P.C. 327, 6th February, 1917. Authorizing issue of free patent to Jos. Hewitt for the S.E. 1 of 20-14-3, W. 2nd, in lieu of land occupied by him being included in a

P.C. 481, 20th February, 1917. Authorizing the Issue of license of occupation to the Canadian Northern Western Rallway of certain lands for a bridge site.

P.C. 493, 20th February, 1917. Dispensing with residence duties by Samuel McCall on the E. 3 of 21-31-1, W. 3rd.
P.C. 560, 28th February, 1917. Authorizing time spent at farm labour in Canada during 1917, to count as residence duties on entries for Dominion lands.

P.C. 555, 28th February, 1917. Making provisions of Orders in Council of 8th May, 1915 (P.C. 1042), 20th September, 1915 (P.C. 2150), 9th December, 1915 (P.C. 2888), and the 12th January, 1916 (P.C. 33), applicable to pre-emptions and purchased homesteads.

P.C. 561, 5th March, 1917. Authorizing change in regulations permitting granting

of one day's priority of right to make entry for available Dominion lands. P.C. 526, 5th March, 1917. Authorizing extension of terms of Order in Council 11th March, 1915, for period of four months up to 11th July, 1917.

572, 5th March, 1917. Limiting disposal of any natural resources except to

a British subject, subject of Allied country, or neutral country.
P.C. 610, 7th March, 1917. Rescinding Order in Council 30th January, 1914, in so far as it affects descriptions of lands granted to Indians, and certain lands described be granted instead thereof.

P.C. 686, 16th March, 1917. Granting right to Mr. Notman to purchase certain lands in Province of Manitoba.

P.C. 687, 16th March, 1917. Granting certain lands to Department of Militia and Defence.

16th March, 1917. Granting certain lands for church purposes to Synod of Diocese of Calagary.

P.C. 762, 20th March, 1917. Authorizing sale of certain lands to Council of the town of Maple Creek.

I'C. 818 29th March, 1917. Authorizing sale of lands to Western Canada Power

Company for power development purposes.
P.C. 858, 29th March, 1917. Authorizing grant of land for cemetery purposes to

Rural Municipality of Bright Sand, No. 529.
P.C. 918, 3rd April, 1917. Amending Order in Council of 14th December, 1916, with respect to application thereof to Canadian Expeditionary Forces.

P.C. 919, 3rd April, 1917. Granting certain lands for cometery purposes to the

village of Vanguard, Saskatchewan. P.C. 926, 3rd April, 1917. Authorizing sale of N.W. 1 36-45-25, W. 3rd, to Allan

Macie. 3rd April, 1917. Authorizing sale of certain lands to N. J. Bailey under

certain conditions. P.C. 1968, 18th April, 1917. Authorizing Issue of lease of certain lands to Northern Fish Company, Limited, Schurk, M. nitoba

Northern Fish Company, Limited, Serkirk, M. nitoba.

P.C. 1056, 18th April, 1917. Authorizing issue of facise of method on of it to a lands to the city of Winnipeg for water-power purposes.

P.C. 1067, 18th April, 1917. Dispensing with residence duties and authorizing issue of patent to James Wilson, in connection with the N.E. 4 of 25-12-11, W.P.M., P.C. 1069, 18th April, 1917. Authorizing grant of certain lambs for cemery purposes to the village of Major, Saskatchewan.

P.C. 1071, 18th April, 1917. Authorizing grant of certain lambs to rural number.

Authorizing grant of certain lands to rural muni-

P.C. 1071, 18th April, 1917. Authorizing grant of cer-gality of Lakeview, No. 451 Alberta, for cemetery purposes, P.C. 1072, 18th April, 1917. Authorizing is ne of pa Aut orizing is ne of patent of certain lands to Mr D Ennill

F.C. 1189, 30th April, 1917. Granting certain lands for the erection of a creamery part to the Canora Creamery Association, Limited.

P.C. 1222, 3rd May, 1917. Setting apart certain lands for the Indian of the Peguis. P.C. 1227, 3th May, 1917. A thorizing is us of patent to Allen E. McDorald. P.C. 1249, 5th May, 1917. Re granting patent to any person not a British subject

by borth or naturalization who is on active sorvice oversions.

1° C 1268, 8th May, 1917. Resembling Order in Council 1° C, 572, 5th March, 1917,

nd r a ting new regulations therefor.

10 1315, 11th May, 1917. Granting certain lands for church and cemetery purposes to the Church of God of Edmonton, Alberta.

10 1378, 21st May, 1917. Setting apart certain lands for park purposes and granting the same to the rural munic pality of Mariposa, No. 350, Saskatchewan.

10 1377, 21st May, 1917. Relieving Mr. H. Wills of further residence duties on the month half of 22 25 10 W. 4th.

P.C. 1319, 21st M. y., 1917. Authorizing grant of certain lands to Winnipeg Electric

Italiway Company P.C. 1429, Joth May, 1917. Authorizing certain regulations for the disjosal of quirtz mining Chins on Dominion lands.

P.C. 1455, 29th May, 1917. Authorizing grant of certain lands to the town of The Pas for industrial purposes.

P.C. 1471, 1st June, 1917. Setting apart certain lands in the Province of Manitoba

for Indians.

P.C. 1532, 4th June, 1917. Authorizing grant of certain lands for church purposes to the Board of Management of the Church and Manse Building Fund of the Presbyterian Church in Canada for Manitoba and the Northwest.

P.C. 1533, 4th June, 1917. Vesting certain lands in His Majesty in the right of

the Province of Alberta.

P.C. 1536, 5th June, 1917. Authorizing Rev. W. B. Cumming, Saskatoon, to make entry by proxy on behalf of James Grossart.
P.C. 1580, 11th June, 1917. Withdrawing certain lands which had been reserved

for the Hudson's Bay Railway.

P.C. 1613, 13th June, 1917. Authorizing grant of certain lands to the town of Gimli, for cemetery purposes.

P.C. 1691, 21st June, 1917. Authorizing sale of certain lands to John Hedberg,

Jasper, Alberta.
P.C. 1675, 21st June, 1917. Authorizing license of occupation to Canadian Northern Railway Company of certain lands on the Red Deer River for bridge construction purposes.

P.C. 1761, 26th June, 1917. Authorizing sale of certain lands to the Canadian

Pacific Railway Company.

P.C. 1716, 26th June, 1917. Restoring the homestead entry of L. H. Roberts who P.C. 1716, 20th June, 1917.

died wihle on active service overseas.

D.C. 1717 26th June, 1917. Authorizing sale of certain lands to William

P.C. 1718, 26th June, 1917 Authorizing grant of certain lands for cemetery purposes to the rural municipality of Bright Sand, No. 529, Saskatchewan.

P.C. 1817, 30th June, 1917. Authorizing exchange of certain lands to Indians in

lieu of lands surrendered.

P.C. 1820, 30th June, 1917. Authorizing grant of lands for church and cemetery purposes to the Bethel Evangelical Scandinavian Lutherian Congregation.

P.C. 1821, 30th June, 1917. Authorizing grant of land for cemetery purposes to the Ruthenian Greek Catholic Parish of St. Michael's in Communion with Rome, St. Martin, Manitoba.

P.C. 1866, 6th July, 1917. Dispensing with residence duties in connection with the entry of W. L. Taylor for the N.W. 4 13-25-1, W.P.M.

P.C. 1877, 9th July, 1917. Authorizing person on active service overseas to appoint

attorney to make application for patent.

P.C. 1937, 12th July, 1917. Authorizing grant of certain lands for cemetery purposes to St. George Cemetery Company, Egremont, Alberta.

P.C. 2039, 26th July, 1917. Authorizing grant of certain lands for park purposes to the town of Drumbellor Alberta.

to the town of Drumheller, Alberta.

P.C. 2036, 27th July, 1917. Authorizing grant of land for cemetery purposes to rural municipality of Bear Lake, No. 740.

P.C. 2037, 27th July, 1917. A Synod of the Diocese of Qu'Appelle. Authorizing grant of land for church purposes to

P.C. 2038, 27th July, 1917. Authorizing sale of certain lands to Diocese of Ruperts Land.

Authorizing the cancellation of the survey of certain

P.C. 2066, 27th July, 1917. At lands along the old Dawson Road.

P.C. 2075, 30th July, 1917. Amending Order in Council dated 29th May, 1917, with reference to the name of the Board of Trade of the town of The Pas, Manitoba.

P.C. 2076, 1st August, 1917. Authorizing regulations re timber.
P.C. 2090, 1st August, 1917. Amending forest reserve regulations.
P.C. 2108, 6th August, 1917. Authorizing certain changes in Dominion lands regulations for the protection of water-power resources.

P.C. 2109, 6th August, 1917. Authorizing license of occupation to Canadian Northern Pacific Railway Company of certain lands in the bed of the South Thompson River.

P.C. 2171, 8th August, 1917. Authorizing the disposition of certain lands for townsite purposes. -

P.C. 2239, 15th August, 1917. Confirming the late C. R. Coutts in his entry for the S.E. 6-83-17 W. 6.

P.C. 2241, 18th August, 1917. Authorizing sale by auction of certain school lands. P.C. 2258, 18th August, 1917. Authorizing the lease of certain lands to the Salts and Potash Company of Canada. P.C. 2259, 18th August, 1917. Granting certain lands for cemetery purposes to

La Corporation Episcopale Catholique Romaine de Regina.

P.C. 2226, 18th August, 1917. Transferring certain lands from Indian Affairs to

Interior Department to be used for church purposes.

P.C. 2287, 18th August, 1917. Confirming the late Joe White, who died on active service overseas, in his entry for the N.E. 11-89-9 W. 4.
P.C. 2419, 1st September, 1917. Dispensing with residence duties in connection with the entry of J. L. Crawford for the N.E. 21-2-15 W. 3rd.

P.C. 2436, 1st September, 1917. Transferring certain lands to the Province of Manitoba for drainage purposes.

P.C. 2420, 1st September, 1917. Granting certain lands to Col. Malloy. P.C. 2460, 11th September, 1917. Granting certain lands for church purposes. P.C. 2488, 11th September, 1917. Granting certain lands for summer home and shooting purposes.

P.C. 2489, 11th September, 1917. Granting certain lands for church purposes. P.C. 2490, 11th September, 1917. Granting certain lands for cemetery purposes. P.C. 2535, 11th September, 1917. Granting a lease of certain lands for cement purposes.

P.C. 2509, 11th September, 1917. Relieving entrant on active service from neces-

sity of erecting a house on his homestead.

P.C. 2561, 15th September, 1917. Dispensing with residence duties in case of entry for the S.E. 33-10-15 W. 4.

P.C. 2593, 17th September, 1917. Granting certain lands to R. B. Clarke in lieu

of other lands surrendered to the Crown by him.

2641, 28th September, 1917. Granting certain lands to the Grand Trunk Pacific Development Company, Limited.

P.C. 2721, 3rd October, 1917. Re purchase of certain reclaimed lands in Kleskun Lake.

19.C. 2728, 3rd October, 1917. Granting certain lands for church purposes. P.C. 2857, 12th October, 1917. Re certain lands granted for creamery plant purposes.

P.C. 2856, 12th October, 1917. Granting certain lands for cemetery purposes, P.C. 3027, 3rd November, 1917. Re status of applicants for homestead entries as to nationality.

P.C. 3163, 9th November, 1917. Granting certain lands for church and cemetery DUTHOSES.

15C, 3179, 13th November, 1917. Granting certain lands to A. Thoma, Calais, Alta 15C, 3201, 14th November, 1917. Setting apart certain lands for the Sloux Band of Indians.

P.C. 3242, 19th November, 1917. Granting certain lands for church purposes P.C. 3210, 15th November, 1917. Granting permission to cut certain timber for

P.C. 3244, 29th November, 1917. Authorizing the granting of grazing permits in the Big Stick Forest Reserve.

P.C. 3499, 4th January, 1918. Transferring certain lands to the Indian Affairs Department.

P.C. 3512, 4th January, 1918 Granting certain lands for use for Customs purposes P.C. No. 41-72, 10th January, 1918. Granting certain lands for right of way purposes.

P.C. 65, 12th January, 1918. Granting certain lands to Alex. Cardinal, Jr., Fort Vermilion.

P.C. 67, 12th January 1918. Granting certain lands to Chas. Enn. Calais, Alberta P.C. 66, 12th January, 1918. Granting certain lands to Chas. Standing Ribbon, Calais, Alberta.

P.C. 157, 22nd January, 1918. Change in depersonal representatives of the late T. W. Chalmers. Change in description of certain lands granted

P.C. 33-238, 30th January, 1918. Granting certain lands for cemetery purposes P.C. 317, 8th February, 1918. Granting certain lands to the province of Saskatchewan for roadway purposes.

P.C. 332, 11th February, 1918 Authorizing sale of certain lands reclaimed by

drainage

P.C. 67-352, 11th February, 1918. Granting certain lands to A. McKillop. P.C. 69-352, 11th February, 1918. Exchanging certain lands with Hudson Bay Company in order to grant homestead entry for land relinquished by the company. P.C. 357, 13th February, 1918. Granting certain lands to the City of Regina for

park purposes.

P.C. 100, 18th February, 1918. Setting apart certain lands as school lands.
P.C. 101, 20th February, 1918. Enacting regulations affecting men on active service.

P.C. 23-125, 20th February, 1918. Leasing certain lands for mining purposes. P.C. 430, 21st February, 1918. Granting certain lands to the Grand Trunk Pacific Branch lines for terminal purposes.

P.C. 459, 7th March, 1918. Enacting regulations re homesteaders employed as farm labourers

P.C. 538, 7th March, 1918. Enacting certain regulations affecting men on active service who hold homestead entries

74. Return called for by section 88, of Chapter 62, Revised Statutes of Canada, requiring that the Minister of the Interior shall be before Parliament, each year, a return of liquor brought from any place out of Canada into the Territories by special permission in writing of the Commissioner of the Northwest Territories, for the year ending 31st December, 1917. Presented by Hon. Mr. Meighen, April 2, 1918. Not printed.

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- Return to an Order of the House of March 25, 1918, for a return showing the total money
- Detailed statement of remissions of customs duties and the refund thereof, under section 22, Consolidated Revenue and Audit Act, through the Department of Customs, for the fiscal year ended 31st March, 1917. Presented by Hon. Mr. Sifton, April 3, 1918.
- 78. Memorandum of Conferences between representatives of Labour and the War Committee, January, 1918. Presented by Hon. Mr. Rowell, April 3, 1918.

  Printed for sessional papers only.
- 79. A detailed statement of all bonds or securities registered in the Department of the Secretary of State of Canada, since last return (31st January, 1917) submitted to the Parliament of Canada under section 32 of chapter 19, of the Revised Statutes of Canada, 1906. Presented by Hon. Mr. Sifton, April 3, 1918...........Not printed.
- 80. Return to an Order of the House, of the 25th March, 1918, for a copy of all letters, telegrams, petitions and other papers and documents relating to the appointment of a preventive officer at Mulgrave, N.S., to fill the position made vacant by the death of the late David Murray. Presented April 8, 1918.—Mr. Sinclair......Not printed.
- Return to an Order of the House of the 25th March, 1918, for a return showing:-1. The 81. total amount of war contracts fulfilled in the Province of Quebec, from August, 1914, to January, 1918. 2. How many war munitions establishments are in activity in the Province of Quebec. 3. How many shells are manufactured weekly in said province.
- 82. Return showing:—1. What sum of money has been spent for repairs to the wharf at Graham, since 1911. 2. Who has superintended the works, and the names of the Graham, since 1911. 2. Who has superintended the works, and the hallos parties who have been employed thereat. 3. What amount has been paid to each of them, and at what rate per diem. 4. The names of the parties supplying materials, and what amount has been paid to each of them. Presented April 8, 1918.—Mr. Boyer. Not printed.
- 83. Return showing:—1. From what person or persons, firm or firms, the stone used in the rebuilding of the new Parliament building was purchased. 2. From what stone quarry or quarries the said stone was taken. 3. Where the said quarry or quarries are situated. 4. Whether public tenders were called for the supplying of said stone. 5. If so, from whom, and at what prices offers were received, and if said offers were f.o.b. at place of shipment or f.o.b. Ottawa. 6. If said stone was supplied from different quarries what quantities were supplied from each quarry respectively. Presented April 8, 1918.—
- 84.
- Memorandum No. 4 respecting work of the Department of Militia and Defence, from January 1, 1917, to December 31, 1917. Presented by Hon. Mr. Mewburn, April 23, 1918. Not printed.
- Return showing :-- 1. How many buildings have been rented by the Government in the city of Ottawa since February I, 1915. 2. The owners of the said buildings. 3. Where said buildings are situated. 4. What rent per annum is paid for each building or part of building. 5. For what time or term said buildings are rented. Presented April 10,
- Return to an Address to His Excellency the Governor General of the 21st March, 86. for a copy of all Orders in Council appointing members of the National Service Board, and all reports made individually or collectively by the members of the Board. Presented April 10, 1918.—Sir W. Laurier., ..... ..... ..... ...... Not printed.
- 87. Return to an Order of the House of the 3rd April, 1918, for a return showing:—1. Who are the commissioned officers employed at Quebec by the Military authorities in connection with Recruiting Branch, Army Service Corps, The Royal Canadian Engineers. The Eoyal Canadian Garrison Artillery and the Royal Canadian Artillery. 2. How long they have been connected with each branch. 3. What service each of them is

- Return to an Order of the House of the 4th April, 1918, for a return showing:-1. What 88. properties, if any, have been purchased by the Militia Department or the Military Hospital Commission in Quebec City, since the first of January, 1917. 2. From whom these purchases were made, and on whose recommendation. 3. The purchase price.
- Return to an Order of the House of the 4th April, 1918, for a return showing:—1. How many persons of all ranks are employed by the Military Hospitals Commission in British Columbia, and their names, rank and salaries. 2. Why they were appointed and where they are stationed. 3. How many of these men have seen service at the front. 4. Who the senior official is of the Military Hospitals Commission in British Columbia. 5. What the total monthly cost of carrying on the work of the Commission. 89. Columbia. 5. What the total monthly cost of carrying on the work of the Commission in British Columbia is, and how many men are being looked after at present. 6. How many buildings are operated by the Military Hospitals Commission in British Columbia, and where they are situated. 7. How many officials from headquarters in Ottawa found it necessary to visit the Pacific Coast during the past year, and for what purpose.
- Return to an Order of the House of the 20th March, 1918, for a return showing the names 90. of the staff of the Hospital Commission, the number of persons employed, their names, duties, salaries, former occupation and amounts paid to each for travelling expenses.
- 91. Return to an Order of the House of the 3rd April, 1918, for a return showing:—1. How many Victoria Crosses have been awarded to members of the Canadian Expeditionary Force to date. 2. The name, address, battalion, and rank of each recipient. 3. The official respective record in respect of which each decoration was given in each case. Presented April 11, 1918.—Mr. Middlebro..... Printed for sessional papers only
- Return to an Order of the House of the 8th April, 1918, for a copy of a certain memorandum sent to the Minister of Public Works by the senior member for Ottawa relating to the abolition of patronage, and of all papers, letters and other documents which passed between him and the Minister of Public Works in relation thereto since the 17th of December, 1917. Presented April 2, 1918.—Mr. McMaster.....Not printed. 92.
- 94. Return to Order of the House of the 11th April, 1918, for a return showing: 1. What steps, if any, have been taken by the Government to investigate war trade conditions in the United States. 2. Apart from members of the Cabinet If any parties have been sent by the Canadian Government on missions respecting war trade conditions in the United States. If so, what the names are of those who have been sent. 3, if any such
- Return to an Address to His Excellency the Governor General, of the 20th March, 1918, for a copy of all Orders in Council, reports and correspondence with respect to the admission free of duty of farm tractors and other agricultural implements. Prescuted 95.
- 96, Copies of Orders in Council Issued in connection with the Military Voters' Act, 1917, and the War-time Elections Act, as follows
  - 19.C. 3010, 7th November, 1917. Instructions for the guidance of electors under the
  - Military Voters' Act, 1917.
    P.C. 3158, 9th November, 1917. Scrutineers; appointment of six and providing payment for services and expenses, etc.
  - P.C. 3159, 9th November, 1917. Presiding officers; appointment of certain and providing payment for services as, etc.
  - 1º C. 3276, 24th November, 1917 Special returning officers and clerks; appoint-
  - ment of and providing payment for services as, etc. P.C. 3277, 27th November, 1917 - Regulation providing polls for returned military
  - electors who are Indians 1º C. 3322, 29th November, 1917. Provision for taking votes of military electors belonging to units or drafts under orders to leave Canada before polling day
  - P.C. 3404, 17th December, 1917. Presiding officers; Engineer Captain W. M. Frowd, appointed in place of Captain F. C. C. Pascoe, at Hallfax, N.S.
  - 1° C. 6405, 17th December, 1917.—Re taking votes of units under orders to leave Canada, O.C. 29th November, 1917, amended C. 7, 5th January, 1918—Special returning officers and clerks; appointment of
  - further number of

P.C. 8, 4th January, 1918.—Scrutineers, travelling and living expenses of defined.
P.C. 9, 4th January, 1918.—Special returning officers and clerks; remuneration of.
P.C. 10, 4th January, 1918.—Scrutineers; appointment Major Thomas Gibson, of
London, Eng., in place of Brigadier-General J. F. L. Embury.

11, 4th January, 1918.—Further regulations for carrying the Military Voters'

Act, 1917, into effect.

P.C. 12, 8th January, 1918 .- Payment for services of Boards of Appeal in Ontario

and revising officers in Nova Scotia re revision of voters' lists. P.C. 13, 4th January, 1918.-Election in Halifax; Ward 6 constituted one single

polling division. P.C. 63, 8th January, 1918.—Special returning officers and clerks; remuneration O.C. 4th January, 1918 (P.C. No. 9) amended.

P.C. 84, 12th January, 1918.—Special returning officers; appointment Capt. Harold Baker, C.E.F., London, Eng., in place of Lt.-Col. Nelson Spencer.
P.C. 85, 12th January, 1918.—Clerk of special returning officer; appointment Archibald Dickson, of Harrow, Eng. in place of Capt. Rippon, R.A.M.C.

P.C. 98, 15th January, 1918.—Clerk of special returning officers; appointment E. L. Ginna in place of Ainslie W. Greene.

P.C. 162, 19th January, 1918.—Resignation of R. A. Pringle as special returning officer and appointment of John W. P. Ritchie in his stead, and appointment of special returning officers and clerks.

P.C. 323, 8th February, 1918.—Length of sessions to constitute a day's work. P.C. 396, 18th February, 1918.-Lieut. N. G. Charlton, presently in France.

appointed to replace Major Powell as special returning officer.
P.C. 397, 18th February, 1918.—Edgar E. R. Chevrier appointed to replace J. A.

Pinard as special returning officer.
P.C. 602, 12th March, 1918.—Proclamation of returns from overseas issued on receipt of telegraphic information. Presented by Hon. Mr. Doherty, April 15, 1918. Not printed.

- 97. Return to an Order of the House of the 3rd April, 1918, for a copy of all judgments rendered up to date under the operation of the Military Service Act, 1917, by the Central Appeal Judge. Presented April 15, 1918.—Mr. Trahan . . . . . . . . . . . . Not printed.
- 98, Return to an Order of the House of the 20th March, 1918, for a return showing the names of all persons employed in Ottawa in the Military Service Council, their salaries and
- 99. Report of the Royal Commission appointed to inquire into and report upon the Pilotage System and its administration at the port of Halifax, N.S. Presented by Hon. Mr.
- 100. Return to an Order of the Senate, dated 21st March, 1918, showing:-The details of certain totals, being the estimated cost of streets, sewers, etc., given on figures 29-30. placed between pages 96-97 of Rural Planning and Development, written by Thomas Adams, being a report published by the Commission of Conservation dated 1917. The said totals being \$35,584, \$26,736, \$20,748 and \$23,533.—The Senate. . . . . Not printed.
- 101. Return to an Order of the Senate, dated 22nd March, 1918, showing:-1. The different aviation camps established by the Canadian Government and their location, with the date of their establishment. 2. The number of aviators who have gone through those camps since their establishment, and of those who have obtained their certificates. 3. The number of aviators now qualifying in each of these camps. 4. The number of accidents which happened in each of these camps, distinguishing: (a) mortal accidents; (b)serious accidents; (c) slight accidents, with their respective dates. 5. The number of machines out of commission, as a total loss or seriously damaged.-The Senate.

- 102. Return to an Order of the House of the 10th April, 1918, for a copy of all correspondence concerning the resignation of W. F. O'Connor, K.C., as Cost of Living Commissioner.
- 103. Copy of Order in Council, P.C. 758, dated 26th March, 1918, relating to the making of a contract with the Dominion Steel Corporation, Limited, for the manufacture of steel
- 104, Copy of Order in Council, P.C. 915, dated 16th April, 1918, prohibiting the press from publishing any adverse statement, report or opinion concerning the action of the allied nations in the prosecution of the war; and also prohibiting any person from publicly expressing any adverse statement, report or opinion concerning the same. Presented by Hon. Mr. Doherty, April 18, 1918.
- 105. Report of the Military Service Council on the administration of the Military Service Act, 1917 Presented by Hon. Mr. Doherty, April 18, 1918.

- 111. Return to an Order of the House of the 11th April, 1918, for a return showing:—1. Referring to Canada Gazette statement of March 30th glying particulars as to circulation and specie against what approved securities were Dominion notes issued to the value of \$92.820,000. 2. To what banks these notes were issued, and what the respective security was in each case. Presented April 18, 1918.—Mr. Trahan.

- 113. Statement issued by the War Cabinet at the request of the Board of Admiralty, showing for the United Kingdom and for the World, for the period August, 1911, to December, 1917. I. Mercantile losses by enemy action and marine risk. 2. Mercantile Shipbuilding Output. 3. Enemy vessels captured and brought into service, together with diagrams, showing mercantile losses and shipbuilding output for the United Kingdom and for the world, for the same period. Presented by Sir Robert Borden, April 18, 1918.
- 115. Beturn to an Order of the Senate to the Clerk dated April 18, 1918, for a statement showing 1. The names of all persons employed in connection with the work of preparing the Minutes of Proceedings, the Order Paper and the Journals of this House (a) in English and (b) in French, and the salary or other remuneration paid to each. 2. The number of each of these documents printed (a) in English and (b) in French, and the cost of printing and libriding the same for the fiscal year ending the 31st of March, 1918. The Senate.

  Vot printed.

- 117. Return to an Address to His Excellency the Governor General of the \$th April, 1918, for a copy of Orders in Council in reference to the appointment of Colonel Langton as Paymaster General in the Militia Department, Presented April 22, 1918.—Mr. Copp.

  Not printed.
- 118. Return to an Order of the House of the 18th April, 1918, for a return showing:—1. What blue books have been printed during the years 1916 and 1917. 2. Which of said books have been printed in both languages. 3. Which of said books have been printed in the English language only. 4. Which of said books have been printed in the French language only. Presented April 22, 1918.—Mr. Demers......Not printed.
- 119. Copy of Order in Council P.C. 807, dated the 3rd of April, 1918, with respect to the reservation of Dominion Lands for disposition under the Soldiers' Settlement Act (Chapter 21, 7-8 George V). Presented by Hon. Mr. Meighen, April 23, 1918.

  Not printed.

- 123. Return to an Order of the House of the 8th April, 1918, for a copy of all correspondence, certificates, recommendations and other documents in reference to the granting of a total disability pension to Colonel R. H. Labatt.—Presented April 24, 1918.—Mr. Copp.
  Yot printed
- 125, Copy of Order in Council, P.C. 812, dated 5th April, 1918.—Regulations governing the Soldier Settlement Loan under the authority of the Soldier Settlement Act (Chapter 21, 7-8 George V). Presented by Hon. Mr. Meighen, April 26, 1918......Not printed.
- 126. Return to an Address to His Excellency the Governor General of the 25th March, 1918, for a copy of all letters and telegrams exchanged between the Dominion Government and the various provincial executives concerning the Order in Council of 22nd December, 1917, respecting the sale of securities by provincial, colonial or foreign governments, municipalities and other bodies. Presented April 29, 1918.—Mr. Lemicux

127. Return to an Order of the House of the 25th March, 1918, for a return showing:—1. If any money has been paid to the Dundalk Herold, the Flesherton Advance, the Markda'e Standard, the Durham Chroniele, the Grey Review, or the Hanover Post for advertising or for any other reason since 1st October, 1917. If so, how many was paid in the case of each of the papers mentioned. Presented April 29, 1918.—Mr. Cohill.

Not printed ..

- 128. Return to an Order of the House of the 15th April, 1918, for a return showing:—1. The officers employed at Quebec on the staff of the Military District No. 5. 2. How long they have been connected with this branch. 3. What service each of them is performing. 4. What salary and allowance each of them is receiving. 5. Names of those amongst them who have performed service overseas. 6. How long they have been actually at the front. 7. How long they were in the trenches. 8. To which battalien they belonged while overseas. Presented April 29, 1918.—Mr. Power....Not printed.
- 129. Report of the Commissioners appointed to investigate the businesses of William Davies Co., Ltd., and Matthews-Blackwell, Ltd., dated 1st November, 1917. Presented by Hon. Mr. Crothers, May 1, 1918.
- 131. Statement of expenditure of the Dominion Publicity Committee in account with the Dominion Government, and in connection with the Victory Loan, 1917. Presented by Hon. Mr. Maclean, May 1, 1918.

- 132. Return to an Order of the House of the 3rd April, 1918, for a return showing:—1. How many local tribuna's were established throughout Canada under the Military Service Act. 2. What remuneration per diem was allowed each member of such tribunal. 3. What was remuneration per day for Secretary of tribunal and also for constables or caretaker of the tribunal sessional chamber. 4. What has been the total expenditure to date on account of tribunals under the Military Service Act. 5. Whether there are any outstanding claims unpaid. Presented May 1, 1918.—Mr. White (Victoria).

- 134. Return showing—1. Whether the building of the hospital for invalid soldiers at Ste. Anne de Bellevue is under Government control. 2. If not, through whose agency, Whether it is being built by contract or under the supervision of any public body. 3. What sum has been paid by the Government for the land where this hospital is being creeted. 4. What the cost of construction will be. 5. How many invalid soldiers it will accommodate. 6. How far this hospital is from Macdonald College. 7. Whether the Government has considered the very grave inconvenience which may result from the erecting of such an institution in the vicinity of a college where hundreds of young ladies are being educated. Presented May 1, 1918.—Mr. Boyer Not printed.
- 136. Return showing:—1. Whether tenders have been recently submitted to the Department of Militia and Defence or to the War Purchasing Commission for a supply of Smoked Wilshire Bacon, at Toronto, Kingston and London. 2. If so, who the tenderers are, and what their prices are, in each case. 3. To whom the contract has been awarded in each case, and at what price. Presented May 2, 1918.—Mr. Murphy....Not printed.

- 137. Order in Council, P.C. 26/942, dated the 19th April, 1918, with regard to remissions made under section 88 of The Indian Act, chapter 81, R.S.C. 1906, of the interest on arrears of purchase price of Park Lot No. 19, in the village of Southampton, in the County
- 138. Order in Council, P.P. 871, dated 23rd April, 1917, being regulations for the protection of migratory game birds, migratory insectivorous and migratory non-game birds, which inhabit Canada during the whole or any part of the year, under the authority of The Migratory Bird Act, 7-8 George V, 1917.—(The Senate)......Not printed.
- 139. Return to an Order of the House of the 6th May, 1918, for a return showing:-What the gross earnings of the National Transcontinental railway were for the year ending 31st March, 1918; how much was earned between Moncton and Quebec, between Quebec and Cochrane Junction, between Cochrane Junction and Winnipeg, and between Lake
- 140. Return to an Order of the House of the 24th April, 1918, for a copy of all correspondence, letters, telegram and other papers exchanged between the Food Controller and the Winnipeg Civic Authorities concerning cold storage conditions at Winnipeg. Presented
- 141. Interim Report No. 2, Georgian Bay Canal Commission,—Wheat Prices, and a Comparative Study of United States and Canadian Markets, by W. Sanford Evans. Presented by Hon. Mr. Carvell, May 13, 1918. . Printed for distribution and Sessional Papers.
- 143. Return to an Order of the House, of the 24th April, 1918, for a copy of all correspondence and petitions passed between the Prime Minister and Civil Service Federation. concerning certain appointments made in the Post Office and Customs Departments since the 17th of December, 1917. Presented May 13, 1918.—Mr. Lemieux..Not printed.
- Return showing:-1. Whether the Government is aware that in the past sixteen months in the Cities of Winnipeg, Hamilton, Toronto, Ottawa and Montreal, the following quantities of foodstuffs, are reported to have been ordered to be destroyed as unfit for quantities of foodstuffs, are reported to have been ordered to be destroyed as unfit for human consumption;—(a) Meats: Winnipeg, 7,262 lbs.; Hamilton, 4,874 lbs.; Toronto, quantities not given in lbs., only sides, quarters, legs, etc.; Ottawa, 7,787 lbs.; Montreal, 105,898 lbs. (b) Poultry: Winnipeg, 11,364 lbs.; Hamilton, 8 fowl; Montreal, 2,344 lbs. (c) Fish: Winnipeg, 9,066 lbs.; Toronto, 74,587 lbs., weight not given, only number of packages for remainder; Montreal, 137,903 lbs. (d) Vegetables: Winnipeg, 265,565 lbs.; Toronto, 5,855 lbs. cabbage, the rest weight not given, only crates, baskets, etc., also recently 48,010 lbs., or 24 tons of food unfit for human consumption; Montreal, 13,940 lbs. (e) Eggs: Winnipeg, 3,013 lbs.; Hamilton, 40 doz.; G tubs, 1 pail, and 8 gallons yolk. (f) Butter: Winnipeg, 3,374 lbs.; Hamilton, 22 lbs. (g) Fruit (fresh and dried): Winnlpeg, fresh, 46,375 lbs., dried, 37,207 lbs.; Hamilton, fresh, 12 baskets; Montreal, fresh, 3,362 lbs. 2. If so, what action the Government proposes taking to prevent a continuance of such waste. Presented May 13, 1918.—Mr. Foster (York). Presented May 13, 1918.—Mr. Foster (York).
- 145. Return showing: -1. Whether the Government is aware that 236,490 pounds of food were destroyed in the city of Toronto between April 4 and April 29, 1918, according to a report of one of the Departments of the Toronto City Corporation. 2. Whether the Food Controller has taken any action to stop such wholesale waste of food. 3. If so, what he has done in this particular case. Presented May 15, 1918.—Mr. Proulx. Not printed.
- 146. Return to an Order of the House of the 22nd April, 1918, for a return showing:—1. The names of all persons employed in connections with the work of preparing the Votes and Proceedings, the Order Paper and the Journals of the House (a) in English, and (b) in French, and the salary and other remuneration paid to each. 2. The number of each of these documents printed, (a) in English, and (b) in French, and the cost of
- 147. Return to an Order of the House of the 22nd April, 1918, for a return showing:—1. The names of all persons employed in connection with the work of reporting and translating in the House. 2. How long each has been so employed. 3. The rate of remuneration paid to cach during the past year, with the total amount paid to each class of persons. 4. Number of copies of the Debates of the House printed during the past year, (a) in English, and (b) in French, specifying the number of the unrevised and of the revised editions, respectively. 5. The cost of printing and binding the same for each year since 1900, inclusive. 6. The amounts paid in addition to the above, in each year since 1900, inclusive, for (a) reporting, (b) translating, (c) typewriting, and (d) printing proceedings before Parliamentary Committees. Presented May 15, 1918. Mr. Currie. Not printed. 4. Number of copies of the Debates of the House printed during the past year, (a) in

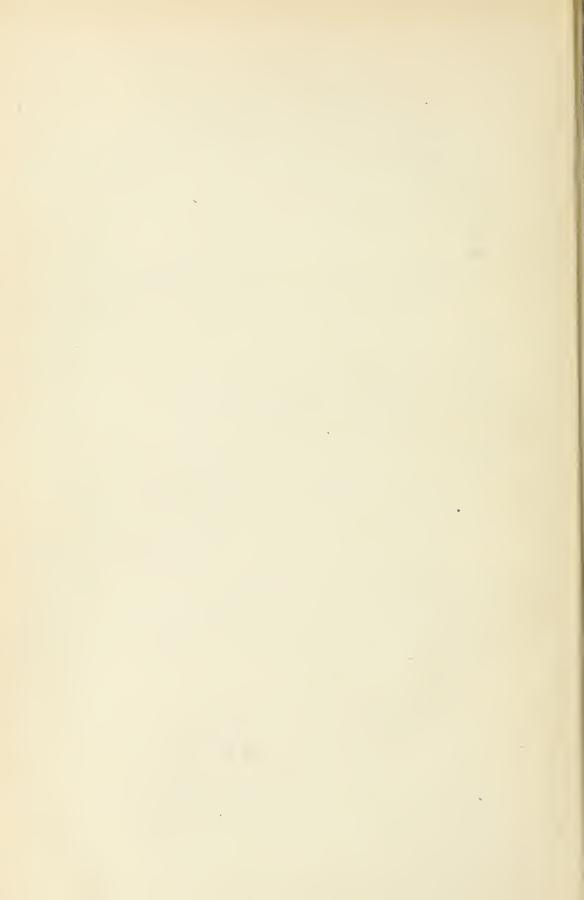
- 148. Return to an Order of the House of the 24th April, 1918, for a return showing:—1. What control the Canadian Government has over the operations of the Imperial Royal Flying Corps in Canada, and what Department of the Government would exercise this control. 2. Whether the Canadian Government has any officers or representatives on the Canadian Branch of the Imperial Flying Corps. If so, what their names are, and what positions they occupy. 3. Whether the Canadian Government intends to take over all the offices, plant, and equipment, of the Imperial Royal Flying Corps in Canada at an early date. If not, why not. How many accidents and deaths have occurred in Canada, United States and Overseas among our flying men. 5. The nature of the investigations into these accidents, and where the records are kept. 6. Whether the Government of Canada at the close of the war intends to establish and maintain a Canadian Flying Corps. If so, what preparations are under way, with this end in view. 7. How many Canadians and how many Americans, have joined the Imperial Royal Flying Corps in Canada. 9. What amount of money has been expended in Canada by the Imperial Royal Flying Corps. 10. How many Canadian Officers who have seen air service overseas are in the employ of the Imperial Royal Flying Corps in Canada. 1 Presented May 16, 1918.—Mr. Armstrong (Lambton).
- 148a, Return to an Order of the House of the 24th April, 1918, for a return showing:—1. What status the Canadian recruits of the Royal Flying Corps have in the military affairs of Canada. 2. In the case of permanent injury or death of Canadians in the Royal Flying Corps in the discharge of their duties, what provision has been made to pension their dependents. 3. How many men came to Canada from England to establish training camps for the Royal F'ying Corps; if any of these men have returned to England. If so, how many have been replaced by Canadians. 4. What comparative results were obtained in training cadets at the training camps around Toronto and the camps located in Texas. 5. Whether the Royal Flying Corps went to Texas and remained there at the expense of, and on the request of the United States Government. 6. Whether the authorities of the Royal Flying Corps were asked to give consideration to a location in British Columbia. If so, what the nature of the request was. 7. If it is not a fact that the weather conditions in Texas proved very unfavourable for flying corps training purposes. 8. What investigations of a technical character were made of the air conditions in Texas before selecting that place as a training ground for our airmen. What investigations were made as to the atmospherical and climatical conditions in British Columbia regarding the locating of an air squadron training camp in that province. 10. Whether the Imperial Munitions Board took an option to lease a large area of land at Delta, near Vancouver, B.C., to establish winter training camps for the Canadian training squadrous of the Royal Flying Corps, and whether tenders were asked for materials, hangers, buildings, etc. If so, why these negotiations were dropped. 11. How many deaths in the Royal Flying Corps training camps in Texas resulted from atmospherical conditions, which are unfavourable to the successful training of aviators. 12. Whether any requests have been made to the Canadian Government for assistance to the Royal Flying Corps either through appropriation or gifts of money for training machines. If so, the nature of these requests, 13. Where the records are kept of the causes of injury or illness of Canadian cadets and mechanics of the Royal Flying Corps. 14 Whether English-born drill sergeants are exclusively employed in the training of Canadian cadets in the Royal Flying Corps in Canada. 15. What efforts have been made by the Canadian Government or individuals or organizations to develop and assist the Flying Corps in Canada, and whether the Government has extended any assistance to these individuals or organizations. 16. Whether any part of the grant of \$100 provided by Order in Council for each aviator trained in Canada to defray a part of the expense incurred in training has been paid, or whether any request for payment has been made. Presented May 16, 1918.-Mr. Armstrong (Lambton) ..... Not printed.
- 149. Second Report of the War Purchasing Commission, covering period from 1st January, 1917, to 31st March, 1918. Presntd by Sir Robert Borden, May 16, 1918. . . . . . Not printed.
- 150. Return to an Order of the Senate dated 9th May, 1918, for a return giving a statement of imports of petroleum oi's and spirits (gallons, value and duty) during each of the following fiscal years ending 31st March: 1909-10-11-12-13-14-15-16-17, and for each month of the unexpired year ending 31st March, 1918.—(The Senate)....Not printed.
- 151. Report of the Administrative Chairman of the Honourary Advisory Council for Scientific and Industrial Research 1917-18. Presented by Sir George Foster, May 17, 1918. Not printed.

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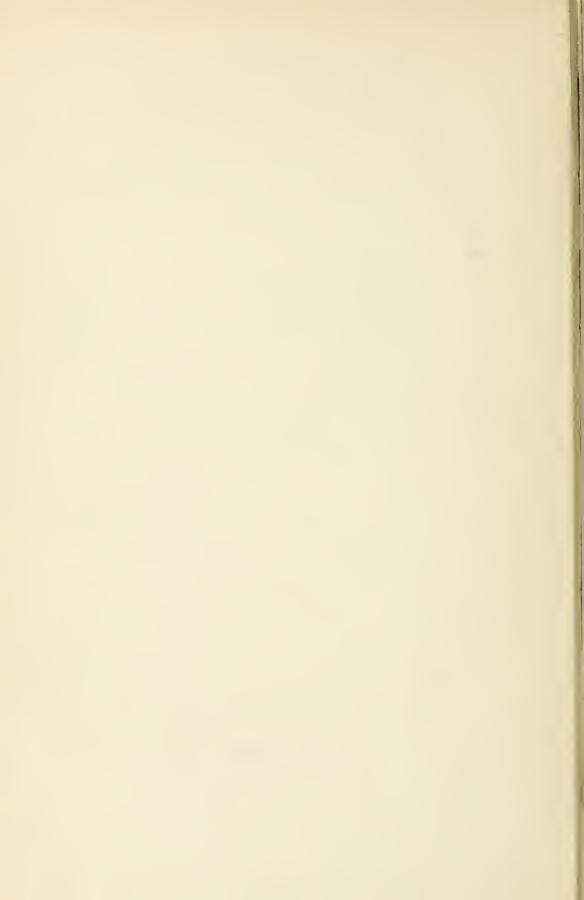
- 154. Return to an Order of the House of the 22nd April, 1918, for a return showing: What amounts have been paid by the Government for printing or advertising to the Globe. Toronto, and the Devoir, Montreal, during each of the fiscal years ending 31st March, 1915, 1916, 1917 and 1918. Presented May 20, 1918.—Mr. McMaster ... . Not printed.
- 155. Return to an Order of the House of the 25th March, 1918, for a copy of all petitions,
- 156. Return to an Order of the House of the 25th March, 1918, for a copy of all memoranda and petitions by Slav subjects of Austria, naturalized in Canada, setting forth grievances and suggesting remedies. Presented May 20, 1918.—Sir Wilfrid Laurier.
- 157. Return to an Order of the Senate, dated 12th April, 1918, for a return giving:—1. The name, rank, and qualifications of each of the persons, upon whose advice and recommendation, lobster hatcheries, heretofore operated in Canada by the Department of Naval Affairs, are to remain closed. 2. Copies of the reports and recommendations (or if the same are published, the references thereto in official publications), which fully disclose all the facts, reasons, and grounds, upon which the Department makes its decision to abandon the policy of operating lobster hatcheries.—(The Senate). Not printed.

158. Order in Council P.C. 668, dated 25th March, 1918, re procedure for conferring titles of 

- 159. Return to an Order of the House of the 2nd May, 1918, for a return showing:—1. The amount paid the Toronto Globe and the Toronto Star respectively, from 1st January, 1917, to 1st April, 1918, for all service between the said dates. 2. Whether any contract of any kind was made with either of the said newspapers between the dates mentioned for advertising, publicity, or news editorial and feature service. 3. If so, by whom said contract or contracts were made, and what the particulars are thereof. Pre-
- 160. Return to an Order of the House of the 8th April, 1918, for a return showing: -1. What quantity of hran, shorts, or mill feed have been exported to the United States (a) by license; (b) without license, between 1st August, 1917, and 28th February, 1918. To what firms in Canada licenses to export this feed have been granted, and for what quantity in each case. Presented May 22, 1918.—Mr. Koy......Not printed.
- 161, Return to an Order of the House of the 15th May, 1918, for a return showing:-1. The total amount paid to the Journal Publishing Company of Ottawa, Limited, during the fiscal years 1912-13-14-15-16-17 inclusive for (a) rentals; (b) printing. the official cheques of the Government for said rentals and printing jobs were issued directly in favour of the above company, or to P. D. Ross, Esq. Presented May 23,
- 162. Return to an Order of the House of the 16th May, 1918, for a return showing:-1. The total number of the families of soldiers deceased since the beginning of the war, who receive pensions from the Government. 2. Of this number, how many reside in Great Britain, how many reside in Canada, and how many reside elsewhere. Presented May
- 163. Report dealing with the purchase and sale of Fordson tractors by the Canada Food Board.







# FIFTIETH ANNUAL REPOPT

OF THE

# DEPARTMENT OF MARINE AND FISHERIES

FOR THE FISCAL YEAR 1916-17

# **MARINE**

PRINTED BY ORDER OF PARLIAMENT.

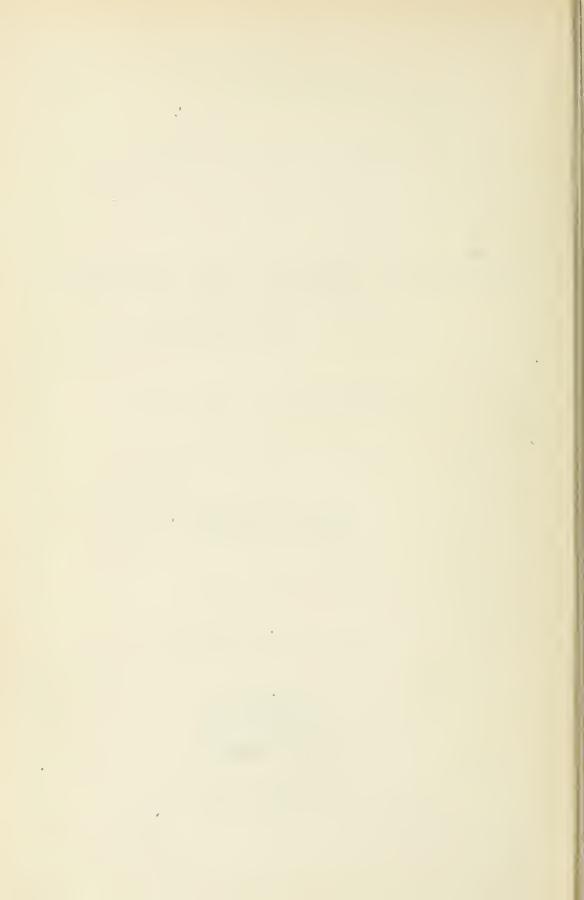


OTTAWA

J. DE LABROQUERIE TACHÉ

PRINTER TO THE KING'S MOST EXCELLENT MAJESTY

[No. 21-1918]



To His Excellency the Duke of Devonshire, K.C., P.C., G.C.M.G., G.C.V.O., etc., etc., Governor General of Canada.

MAY IT PLEASE YOUR EXCELLENCY:

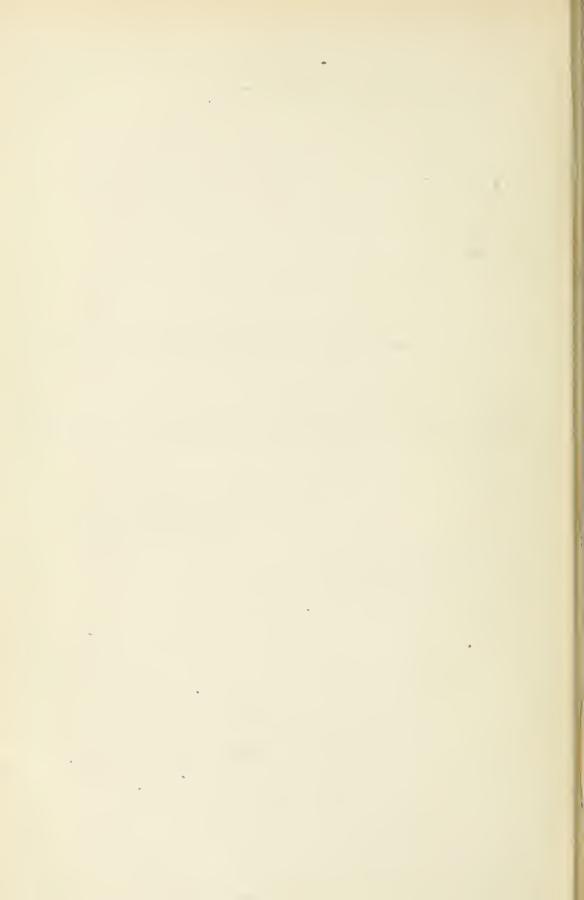
I have the honour to submit herewith, for the information of Your Excellency and the Parliament of Canada, the Fiftieth Annual Report of the Department of Marine and Fisheries, Marine Branch.

I have the honour to be,

Your Excellency's most obedient servant,

C. C. BALLANTYNE,
Minister of Marine and Fisheries.

DEPARTMENT OF MARINE, OTTAWA, December, 1917.



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# REPORT

OF THE

# DEPUTY MINISTER OF MARINE AND FISHERIES

To the Hon. J. D. HAZEN,

Minister of Marine and Fisheries.

Sir,—I have the honour to submit herewith my report for the fiscal year, ending March 31, 1917.

In last year's report the question of shipbuilding in general in relation to the war was taken up, tables were furnished of the number, tonnage, and speed of the ocean freight carriers of the principal maritime nations, and an account given of methods adopted in a number of foreign countries to stimulate and aid shipbuilding by means of bounties, subsidies, or the free entry of shipbuilding materials.

As the war has progressed, and an ever-increasing amount of the ocean tonnage of the allied nations (now including the United States) and of the neutral nations has been sunk since Germany's declaration of unrestricted submarine warfare, the need of shipbuilding activity throughout the world to supply the wastage has become of paramount importance.

This has been thoroughly realized both in the United States and Canada.

In the United States, since the outbreak of the war, twenty-nine new shipyards have been organized, all of large proportions and thoroughly up to date, of these fifteen are on the Atlantic coast, thirteen on the Pacific, and one on the gulf of Mexico, and substantial improvements and enlargements have been made to twenty-eight existing yards; of the improved yards, fourteen are on the Atlantic and two on the Pacific coast, and of those that have been enlarged, six are on the Atlantic, five on the Pacific, and one on the gulf of Mexico. The lake yards which under normal conditions only build for internal traffic are now building overseas shipping, a good deal of it for Scandinavian owners.

In Canada, since the beginning of the war, the number of privately owned shipyards has been about doubled, a description of some of these yards was given in last year's report; and later, in the present one, will be found an account of the new yards established, and also one of the enlargements and improvements made to existing yards, with a view to meeting the demands for increased tomage.

Apart from the introduction of the larger yards, there has been in the Maritime Provinces generally, and in Nova Scotia in particular, a revival of the vooden ship-building trade, particularly in the form of small schooners with or without auxiliary power; these are quickly and cheaply built, and at anything approaching the present abnormally high freight rates should pay handsomely.

The department, commencing on the 1st of February, 1917, is publishing a monthly bulletin of the shipbuilding activities of all Canadian yards, and in another part of this report there will be found bulletins for the months of February and March (the close of the fiscal year 1916-17), which will give some idea of the recent development of the building of wooden ships in Nova Scotia.

#### STANDING OF WORLDS MERCHANT MARINE IN 1915.

The following table gives the relative positions of ship owning nations on July 1, 1915, based on steam tonnage owned per head of population.

(This table includes only steamers of 100 tons or upwards, except wooden vessels on the Great Lakes and Russian vessels on the Caspian sea.)

Country.	Population	Total steam Tounage owned.	Tons per capita.
Norway United Kingdom Denmark Holland Sweden Greece Germany United States (sca., lake, and Philippines) France Spain Italy Belgium Japan Uruguay Chile Argentine Austria-Hungary Cuba Brazil Russia	$\begin{array}{c} 2,400,000\\ 45,250,000\\ 2,800,000\\ 6,000,000\\ 5,5000,000\\ 65,000,000\\ 65,000,000\\ 22,000,000\\ 40,000,000\\ 20,000,000\\ 10,000,000\\ 7,500,000\\ 1,100,000\\ 7,250,000\\ 50,000,000\\ 21,150,000\\ 23,600,000\\ 23,600,000\\ 1,150,000\\ 24,150,000\\ 23,600,000\\ 164,000,000\\ \end{array}$	19,235,705 803,701 1,498,519 1,921,796 892,991 4,419,167 4,854,748 1,909,709 885,755 1,513,631 269,252 1,826,068 36,561 100,320 188,771 1,016,095 35,395 362,513	- \$2 - 42 - 28 - 25 - 18 - 17 - 06 - 05 - 04 - 04 - 03 - 03 - 03 - 03 - 02 - 02 - 02 - 02 - 01 - 01 - 01

Worlds Merchant Marine.—Total tonnage (100 tons or over) July 1, 1915, 49,261,769 from Lloyd's Register.

A glance at this table will show the very high positions based on tons per capita, occupied by the neutral nations. Norway is easily first with a percentage of tons per capita nearly twice that of Great Britain and Ireland; Denmark and Holland, respectively, third and fourth, with a percentage approximately slightly more than one-half that of the United Kingdom; and Sweden, fifth.

The figures for 1916 are not available, but it is doubtful if there is much change in the total tonnage of the different countries, except in the cases of the United States and Japan, whose tonnage has undoubtedly increased both actually and relatively.

Great Britain, France, and the neutral nations are making strenuous and successful efforts to replace all losses suffered during the war.

The Norwegian yards during 1915 and 1916 have been particularly active, and the Dutch are also making every effort to take advantage of the opportunities presented to neutral nations.

All efforts abroad as elsewhere are of course hampered by the shortage of steel, but this shortage is not likely to continue for any length of time after the restoration of peace, as the enormous demands for munitions of war will then cease.

The revival of wooden shipbuilding activity in the United States has of late been remarkable, and it would almost seem to be in a fair way to rival in amount of tonnage the output of American yards in the days of the "Clipper Ship."

The nearness of large supplies of timber has placed the wooden shipyards of Maine, the Southern States, and the Northwest Pacific coast in a position of great advantage.

This last condition, of course, applies equally and perhaps even to a greater extent to our own Canadian yards in the Maritime Provinces and on the Pacific coast, and it appears that they are making ample use of it.

The enterprise of some of the neutral nations in acquiring maritime business during the war-is well illustrated by some figures published by the United States Department of Commerce relating to the Pacific trade.

Before the war British shipping represented 39 per cent, and Japanese 33 per cent of the total, when the United States share was at its lowest point, however, the British tonnage has fallen off to 30 per cent, Japanese tonnage has increased to 55 per cent of the total, and Dutch shipping has jumped from practically nothing at all to 13 per cent.

British tonnage fell from 150,000 gross tons to 84,000, Japanese increased from 135,000 to 155,000, and the Dutch increased from a negligible quantity to 35,000 tons.

Japanese shipyards are now taxed to the limit of their capacity. Orders for ships from abroad have been refused, as the yards have booked orders for Japanese ships that will keep them busy for the next two years.

The same authority gives the following figures with regard to the building of steel merchant vessels in American and British yards.

On October 1, 1916, steel merchant vessels building or under contract to be built in American yards, totalled 417, of 1,454,270 gross tons. On June 30, 1916, "Lloyds Register" reported 439 steel vessels of 1,540,118 gross tons under construction in British shipyards. The American returns cover contracts on which work has not begun, while Lloyds return only covers ships on which construction has actually begun. Besides, "Lloyds Register" only takes note of craft of one hundred tons and over, while the American includes everything.

It may be noted, too, that all the ships turned out from the British yards are for the upbuilding of the British merchant marine, while many of the ships built in the American yards go to foreigners; for instance, in September, 1916, the American yards completed nineteen steel merchant ships of 46,608 gross tons, and made new contracts for forty-seven of 208,686 gross tons; of these about one-half were for Norwegian owners. On the Pacific coast alone, \$35,000,000 worth of tonnage was booked for foreigners, and of course every one of these ships is a potential competitor of American vessels.

# CLASSIFICATION OF DEEP-SEA SHIPPING.

The following is a general classification of sea-going steamships: Mail and passenger steamships (express liners), passenger and cargo steamships (combination liners), fast eargo steamships (cargo liners), ordinary eargo steamships (tramps).

These divisions closely resemble those of railway traffic, the first corresponding to passenger trains, the second to passenger and freight, the third to fast freight, and the fourth to slow freight.

Express liners have a small cargo space in proportion to their tonnage, the Maurelania, for instance (32,000 tons gross), carries only 1,500 tons of freight; combination liners have of course increased cargo space, and it is computed that out of a total of 25,000 steamships afloat, not more than 1,600 are included in these two classes.

The bulk of ocean steam tonnage is made up of cargo liners and tramps. The first have regular trade routes and regular schedules of sailing are specially built for a particular trade, and kept up to a high standard of efficiency to give shippers the advantage of low insurance rates.

Tramps are vessels rarely exceeding 375 feet in length, with a speed of from 8 to 10 knots an hour, and go anywhere for any sort of eargo. They are hired on charter by merchants at freight rates governed by the state of trade and the supply of shipping. Cargo liners, on the other hand, are usually chartered by intending shippers through brokers at great sea ports, or their agents at smaller ports, and for a specific voyage.

Of the total (roughly) of 14,000,000 tons of the world's steam shipping, twothirds is taken up by tramp steamers, of which Great Britain owns about 75 per cent-

Coal is the principal export from Britain by tramps, and the return cargoes are usually grain from the Black sea, Argentina, North America, or India; ore and fruit from Spain, timber and cotton from the Gulf ports, nitrate from Chile, and soya beans from Manchuria.

# MURCHANT MARINE WAR LOSSES.

Up to the 1st of March, 1917, the total loss from acts of war, and leaving natural causes out of account, amounted to 2,573 vessels, aggregating 4,811,100 gross tons.

Up to the 27th March according to a statement made by Lord Charles Beresford in the House of Lords, there had been sunk during that month, 120,000 tons of allied and neutral shipping, giving a total approximately of 5,231,100 tons of shipping sunk from the date of declaration of war to the 1st of Λpril, 1917.

As the world's total tonnage on July 1, 1915, according to "Lloyds Register" was 19,261,769, it will be found that nearly 11 per cent of it has been destroyed up to April 1, 1917.

British loss is up to March 1, 1917, amounted to 2,821,849 tons, the total allied loss is up to the same date being 3,192,722 tons, and those of the neutral nation 1,942,770 tons.

The bess of Germany, Austria-Hung, rv, and Turkey are placed at 293,608 tons: to this not, however, must be added the tonnage of German and Austrian ships seized

in American harbours. This, as given in the New York Times of April 7, is as follows: German vessels ninety-one (including the Vaterland of 54,282 gross tons), total tonnage 629,000 gross, value \$100,000,000; Austrian vessels, seized fourteen, gross tonnage 67,807. These bring the total losses of the merchant marine of the central powers up to March 1, 1917, to 990,415 gross tons.

Reverting to the table already given for 1915, and taking the total British tonnage as approximately 20,000,000 tons, and as the losses up to March 1, 1917, were as already stated 2,821,849 tons, it will be found that Britain's losses up to this date amounted to a shade less than 15 per cent of her 1915 tonnage.

This wastage has largely been made good by the work of British shipyards.

The annual report of the Liverpool Steamship Owners Association published December 31, 1916, states that up to that date, and taking into account new ships completed since the outbreak of war, the total tonnage of the British mercantile marine had been reduced by less than 5 per cent.

By far the heaviest losses proportionately have been sustained by the merchant marine shipping of Norway.

Since the outbreak of war up to April 3, 1917, 420 Norwegian ships, totalling 600,000 tons have been sunk, or about one-quarter of the entire Norwegian tonnage. The losses for February and March, 1917, alone comprised 105 vessels, totalling 166,322 gross tons.

The activities of the Norwegian shipyards, and their placing of orders with American shipbuilding firms, have already been noted, so it is very probable that much of this very serious shortage has been made good.

The following is a list of neutral ships sunk by German submarines since the beginning of the war, up to and including April 3, 1917: Norwegian 410, Swedish 111, Dutch 61, Greek, 50, Spanish 33, American 19, Peruvian 1, Argentine 1, total 686. Neutral vessels that were attacked and escaped: Norwegian 32, Swedish 9, Danish 5, Greek 8, Spanish 2, Argentine 1, Brazillian 1, American 8, total 66.

# CANADIAN SHIPBUILDING OUTLOOK.

It can searcely be disputed that no new form of industry in Canada affords greater possibilities than that of shipbuilding.

The objections usually advanced to the establishment of the steel shipbuilding industry on a large scale in Canada are: (1) That the facilities and experience of Canadian machine shops are not adequate to the production of the engines required for ocean-going ships; and (2) that the present high cost of shipbuilding material makes it an expensive venture. Neither of these objections, of course, applies to the building of wooden ships, which industry, owing to the great and immediate demand for freight carriers, has experienced a remarkable revival, both in the United States and Canada.

The first objection has been of late very much lessened if not altogether removed. The great demand for the output of munitions has given a stimulus to the installation of large machine shops throughout Canada, and work is done on a scale which would have been quite impossible a few years ago.

Although there are in Canada as yet no machine shops exclusively devoted to the production of marine engines; there are to-day in Toronto, Montreal, and Hamilton, and possibly elsewhere, shops able and willing to turn out for an adequate price marine engines for ocean-going ships.

The second objection, namely the high cost of building materials and labour is countered by the fact of the abnormally high rate of the price for freighters, which is not only abnormally high now but still mounting, as the following taken from the New Nork Journal of Commerce of February 27, 1917, will show: "The price of steel steam tonnage for immediate delivery ranges from about \$215 to \$220 a ton, but very few prompt boats are available at that or any price. For delivery in six months the price at which owners are holding their boats is from \$155 to \$165 a ten."

The question which an intending shipbuilder will naturally put to himself is this: will the demand for the products of my shipyard last for a sufficient length of time and at sufficiently high prices to assure me a reasonable return on the necessary outlay? and the following considerations may enable him to come to a right conclusion (1) That since the beginning of the war, and up to March 1, 1917, there have been destroyed by acts of war (and without regard to losses from natural causes) 4,811,100 tons of shipping, and the German submarines are at present sinking ships at the rate of 10 per cent of that total tonnage each month, if continued at this rate for one year, nearly half the mercantile shipping of England will be lost at the end of the year; (2) that the British Cunard steamship line has actually placed orders in the United States for eleven big ships ranging from 7,500 tons to 12,000 tons, and is placing additional orders there, amounting in all to 260,000 tons at a cost of about \$30,000,0000; (3) that the merchant ships under construction or under contract for construction in the United States on January 1, 1917, numbered over 400, with a total tonnage exceeding 1,500,000, and that about one-half of this shipping was on foreign account and included nearly every nationality; (4) that the imperative demand of the American Government for the prompt building of over 500,000 tons of war-shipping will largely curtail their capacity for turning out merchant shipping for the next three years; (5) that since the beginning of the present war, new corporations organized for active shipbuilding operations in the United States have been formed with a total capital of \$150,000,000; (6) that as against the selling price of \$40 to \$50 per deadweight ton for tramp freighters prevailing before the war, present contracts can be had for \$150 per ton, and this for delivery at some time in the future.

There are some other considerations as well, perhaps more nearly affecting Canadian output, ships to the value of \$60,000,000 to be constructed in Canadian yards this year are already under contract. Included in this amount are orders for vessels amounting to \$25,000,000 placed on behalf of the Admiralty through the Imperial Munitions Board, one hundred others are under construction at plants in various cities throughout the Dominion, as well as certain craft regarding which information can not be given. In this situation of the shipbuilding industry necessitated by the demand for formage to meet war conditions, the British Controller of Shipping, the British Admiralty, the Imperial Munitions Board, and two departments of the Caucdian Government have had a part.

Additional contracts for the building of merchant ships are likely to be placed, and there is also a likelihood that greater activity in the way of building dry docks will be shown by the shipbuilding industry.

Negotiations are now in progress with a view to introducing the manufacture of steel plates for ships and structural steel in Canadian plants.

At present Canadian steel companies produce only lighter forms of structural steel. They have been engaged moreover of late in filling orders for steel for munitions. However, the munition industry is only a temporary one which will cease to exist at the end of the war. Indeed it is stated an intimation has already been received that the output of large shells may be curtailed, because the great industrial development in Great Britain makes it possible to produce there a sufficient quantity of those projectiles to meet the requirements.

If the rolling of ship plates and the making of structural steel is undertaken by Canadian firms, they may become permanent features of the country's industrial activities.

The question of freight rates after the war is, of eourse, of the utmost importance to the shipbuilding trade. The present scale of freights will not, of eourse, continue after the war, and the main question to determine is how soon the break in the freight market will take place, following the cessation of hostilities. Some shipping people hold that the break will be sharp and sudden, others that the very slight additions through new construction now being made to the tonnage of the world will tend to ward off any tendency to a sudden decline when the war is concluded. It is said in support of the latter contention that although some five million tons of German and Austrian shipping now immobilized will be released, the shipping already sunk will decrease the world's fleet by a million tons, while the two million tons of new shipping at present in construction throughout the world is not expected to offset at once the losses due to the war, not to speak of the process of attrition due to natural causes (perils of the sea), which annually removes some one and one-half million tons of shipping from the register.

The prevailing opinion among shipping men seems to be that owing to the depletion of raw materials and foodstuffs caused by the war, not only in belligerent but neutral countries as well, the merchant marine of the world will be taxed to the utmost to make good the shortage, and freight rates will in all probability remain considerably above the normal for some years after the declaration of peace.

In competition with American builders in the construction of steel ships, Canada is faced with the following difficulties: First, steel plates for hulls and boilers are not yet produced in Canada in sufficient quantities; second, steel shapes for the frames of ships, and which are different in section from structural shapes for bridges and buildings, are not now rolled in Canada in sufficient quantities; third the organizing and training of an operating force to successfully establish such an industry requires much time and involves a large outlay.

It would be difficult to exaggerate the importance of shipbuilding as a national undertaking to a country that has, like Canada, an extensive coast line both east and west, superb inland communication by lakes and rivers, and whose export trade is chiefly overseas.

The methods employed by a number of foreign governments to aid their shipbuilding industries were given in last year's report.

It is not to be expected that Canadian yards could turn over the enormous profits at present made by the American, as these now possess every form of material from the iron ore and coal, through all the manufacturing processes to the finished ship, and, save for the increased cost of labour, can turn out as cheaply a ship which to-day sells at \$150 to \$165 a ton, as one which in pre-war days sold at \$50 a ton; but possibly with the aid of one or other of the methods already mentioned as adopted by foreign governments for the purpose of encouraging the growth of a merehant marine, it is not unreasonable to suppose that Canadian shiphuilding might be put on a firm, enduring, and profitable footing.

## OPERATIONS OF CANADIAN SHIPBUILDING PLANTS.

In last year's report a description was given of the plants of the following ship-building firms operating in Canada, viz.: Western Dry Dock and Shipbuilding Company, Ltd., Port Arthur, Ont., now the Port Arthur Shipbuilding Company, Ltd.; the Collingwood Shipbuilding Co., Ltd., Collingwood, Out.; the Canadian Vickers, Montreal, Que.: the Kingston Shipbuilding Co., Ltd., Kingston, Out.; and the Polsons Iron Works, Ltd., Toronto, Out.

During the year 1916-17 improvements and additions have been made to some of these plants.

# CANADIAN VICKERS LIMITED.

This firm has on hand the erection of two additional shipbuilding sheds to be completed in the near future. These will provide, with the sheds already existing, the following berths:—

Berth	No.	1A.	500	feet long,	58	feet bean
4.5	No.	113,	500	4.4	58	44
4.4	No.	$2\Lambda$ .	500	44	7.0	4.4
4.6	No.	28,	500	44	-70	4.4
6.6	No.	3.A.	350	44	50	4.6
6.0	No.	313,	200	4.6	5.0	**

All these sheds are fitted with overhead crane equipment. A considerable number of additional machines have been installed in the various workshops to cope with the increased output.

The number of hands employed during the year varied from 2,000 to 3,000,

During the season 1916-17 there are being built for Norwegian owners two cargo steamers, 7,000 tons deadweight each of the following dimensions: length B.P., 380 feet; breadth moulded, 49 feet; depth moulded, 30 feet; speed, 40 knots. There have also been completed two submarines for the Italian Government and three for the Russian Government, besides 214 motor launches for the British Government. During the season of navigation of 1946, thirty-two vessels were docked and repaired in the floating ship dock "Duke of Connaught," and fifteen vessels were repaired affoat in the inner basin and harbour. In addition, munitions were turned out for the Imperial Government and the Imperial Munitions Board as follows: 180,000 eighteen-pounder

shrapnel shells; 230,000 thirteen-pounder shrapnel shells; 164,000 eighteen-pounder shrapnel shells (forgings only); 160,000 4.5-ineh H.E. shell (forgings only); 55,000 sixty-pounder H.E. shell (forgings only).

# THE PORT ARTHUR SHIPBUILDING CO., LTD.

This plant will shortly be increased by a new building berth with triple overhead cable way on the east side of the dry dock, which when finished will double its present building capacity, permitting of the laying down of four canal-sized steamers, or two maximum lake-type steamers at the same time. This new berth will be completed in June, 1917.

During the fiscal year 1916-17 two steel steamers of the following dimensions were built and delivered: length B.P., 251 feet; breadth, 43.6 feet; gross tonnage, 2,436; speed, 9½ knots.

There are in course of construction two steamers, duplicates of the above, to be delivered in July, 1917.

For the Imperial Munitions Board, contracts have been undertaken for five steel steamers of the following dimensions: length B.P., 251 feet; breadth, 43.6 feet; deadweight earrying capacity, 3,400 tons; speed, 10½ knots; two of these are to be delivered before the close of navigation in the present year, and three during the summer of 1918; six trawlers are also to be completed this year for the Director of Ship Construction.

# KINGSTON SHIPBUILDING CO., LTD.

A new punching machine, and a new air compressor have been added to this plant, which is at present building four trawlers for the Naval Service.

#### POLSON IRONWORKS, LIMITED, TORONTO, ONT.

No changes in this plant. At present engaged in building two cargo boats for Norwegian owners, and in work for the Canadian and British Governments through the Imperial Munitions Board.

# COLLINGWOOD SHIPBUILDING CO., LTD.

This plant, which remains pretty much the same as previously described, is now capitalized at \$2,600,000. The vessels completed during the fiscal year 1916-17 were: ss. Ieolite, 250 feet by 43.6 feet by 20 feet; 2,060 gross tons; 800 LH.P.; speed, 9½ knots; built for the Imperial Oil Company, Toronto; ss. Carnolite, duplicate of above; ss. Westmount, 550 feet by 58 feet by 31 feet; 7,392 gross tons; 2,400 I.H.P.; speed, 12 knots. Vessels at present building: s.s. Ragenolite, oil tank steamer, 250 feet by 43.9 feet by 25 feet; 1,200 I.H.P.; gross tonnage 2,500; speed 9½ knots; for the Imperial Oil Company, Toronto; s.s. Torontolite, similar to above, for the International Petroleum Company, Toronto; ships Nos. 51 and 52, 251 feet by 43.6 feet; for the Imperial Munitions Board, and six complete trawlers for the Department of the Naval Service.

#### THOR IRON WORKS, LTD., TORONTO.

This company was organized in 1916 for the building of ships; the plant comprises two docks with overhead cranes on each. The cranes have a span of 68 feet, 56 feet lift, capacity 20 tons. The plant covers 4½ acres. The company have at present contracts for four 4,300-ton freighters, length O.A. 261 feet, beam 43.6 feet, draug. 24 feet, speed 13 knots, besides two trawlers for the Naval Service.

# THE SYDNEY FOUNDRY AND MACHINE WORKS, SYDNEY, C.B.

This repairing plant for vessels has a floating dry dock of 125 by 49 feet, inside measurement, shortly to be increased to 150 feet in length; there are two wharves of 300 feet frontage each, with a depth of 30 feet I.W.

The plant consists of foundry, machine shop, boiler shop, pattern shop, and forge equipped to build marine engines, boilers, winches, and all ship's fittings, and supplied with the latest equipment for oxy-acetylene and electric cutting and welding, and with cylinder-boring machines, portable pneumatic rivetting outfits, etc., and all tools requisite for up-to-date repairing work.

#### ROBERT MUSGRAVE, SHIPSMITH, ETC., NORTH SYDNEY, C.B.

An establishment for the temporary and permanent repairs of ships, has foundry employing seventy mechanics, with a small marine railway in connection with it of 300 tons capacity, machine shop 120 feet by 50 feet, two stories high, both of these buildings being of solid concrete. Ships' blacksmith shop 50 feet by 45 feet, also of concrete. The plant includes four lathes, large plainer, 6-foot radial drill, and three other large post drills, set of combined shears and punch, capable of punching 1-inch plates, two sets of plate rolls capable of rolling plates 9 feet wide and 1½ inch thick, large steam hammer, also electric hammer for lighter work, compressed air outfit running at least three drills and three hammers at the same time.

Last October, this concern repaired the ss. *Huftero*, in collision with *Storstad* in Sydney harbour, putting in twenty new plates, five new between-decks, new hawse pipes, and a new forecastle head, etc., at an outlay of \$35,000.

# YARROWS LIMITED, ESQUIMALT, B.C.

The works of this company are at Lang cove, Esquimalt harbour, adjoining the site of the proposed government dry dock, and cover an area of \$2 acres.

In connection with the work is a marine railway for accommodation of vessels up to 312 feet in length and 3,000 gross tonnage, and a wharf 500 feet long, on both sides of which vessels can be moored for repairs. The wharf is equipped with shearlegs capable of lifting 60 tons, a 10-ton derrick seew with a 90-foot boom, and other floating equipment.

The plant comprises: a foundry 120 feet by 70 feet, capable of making castings up to 10 tons, with all the modern equipment; a pattern shop 50 feet by 25 feet, with turning lathe and planing machine electrically driven by a 7½-H.P. Packard electric motor; blacksmith shop 100 feet by 83 feet, with all arrangements for forge work,

including a 1,200-pound steam hammer,  $7\frac{1}{2}$  inches diameter, by 26-foot stroke; forges for both eoal and oil firing; machine shop; one story iron-clad building 100 feet by 48 feet; motive power supplied by electric motors; and well equipped with lathes, drills, etc.

Joiner shop 130 feet by 40 feet has a mould loft above and a saw-mill below fitted with circular, jig, and band saws, planing machine, tenon and mortiee machines, electric drills, etc., two 30-I.H.P. electric motors supply the driving power for this building, shipbuilding berth, and plater shed. The berth will accommodate a vessel 300 feet by 50 feet, and is equipped with an overhead trolley. There is space for the installation of a second building berth. Stores and electrical shop: this is a two-story building 75 feet by 35 feet, in which is stocked a complete supply of all the materials, fittings, and stores necessary for the building of steamships.

The oxy-acetylene welding plant is installed in a galvanized-iron building 22 feet by 14 feet, completely fitted out for the manufacture and use of the gas employed in this process of cutting and welding. The gas is piped all over the plant and to the various shops and wharves.

Compressor sheds are supplied with five electrically driven compressors producing 210 horse-power, and one 30 horse-power steam compressor. The air system is carried into every part of the yard. There is also a floating steam compressor plant of 25 horse-power, combined with a pile driver, which can lie alongside vessels too large to come to any of the wharves, and supply air for working pneumatic tools.

The vessels built at this plant include the steamers Princess Beatrice, Princess Royal, and Princess Maquinna, tug Nanoose, and two large steel transfer barges, all for the C.P.R. coast service. The hydrographic steamer Lillooet and quarantine steamer Madge were built for the Dominion Government. During the past year two steel stern-wheel shallow-draught vessels were built for service in India, and two more are now building. The C.P.R. steamer Princess Mary was lengthened 38 feet, and the Mariposa, passenger steamer of the Atlantic Steamship Company, had her interior completely rebnilt, after being wrecked and submerged. The Grand Trunk Company steamer Prince Rupert is at present being repaired in the dry dock, the bottom for a length of 180 feet having been renewed.

Naval repairs have been effected at the Esquimalt yard for the Imperial, Canadian, and Japanese naval authorities.

The firm has been very suecessful in the manufacture of manganeze bronze propellers and blades, also in converting coal fuel installation into oil fuel, the coast fleet of the Grand Trunk Steamship Company having been converted from coal to oil-fuel burning boats at the works.

NOVA SCOTIA STEEL AND COAL CO., LTD., NEW GLASGOW, N.S.

This company's plant includes two building berths served by three electric eranes eovering the entire area of the berths. The shop work, such as bending frames, rivetting, etc., is done in the shops of the Eastern Car Company close to the building site; that company also supplies the yard with electric power for the cranes, lighting, etc., and compressed air for pneumatic rivetting, caulking, etc.

Three boats are now under construction, the first of 1,800 tons deadweight and the other two of 2,500 tons deadweight each.

Other shipbuilding firms operating in Canada are: George Davie & Son, Levis, Que.; the Wallace Shipyard Limited, Vancouver, B.C.; the Cameron Genoa Mills Company, Limited, Victoria, B.C.; Vancouver Shipyard Limited, Vancouver, B.C.; and Coughlan & Sons, Vancouver, B.C.

The department as already mentioned, beginning in February, 1917, is publishing monthly bulletins of Canadian shipbuilding operations; herewith follow the returns for the months of February and March, 1917 (the close of the fiscal year 1916-17).

STEAM, SAILING, GAS AND UNRIGGED VESSELS BUILDING IN CANADA FOR MONTH ENDING 28th February, 1917.

# STEAMERS-ATLANTIC COAST.

STEAMERS—ATLAN			
		Gross Tonnage.	Material
Canadian Vickers Limited Montreal.  Davie Shipbuilding & Repairing Co., Levis.  Nova Scotia Steel & Coal Co., New Glas Zow, N.S.,  Shelburne Shipbuilders Limited, Shelburne, N.S.,  Robert Rutledge Sheet Harbour, N.S.,  Sincennes-McNaughton Lines Sorel, Que.,	2 cargo steamers 1 hopper barge. 1 car ferry 2 cargo steamers 1 cargo steamer. 1 cargo steamer. 1 tug.	9, 400 2, 369 4,000 2, 200 320 325 410	Steel. Steel. Steel. Steel. Wood. Wood?
Total	9	19,015	
STEAMERS-G1	REAT LAKES.		
Port Arthur Shipbuilding & Repairing Co., Port Arthur, Ont Collingwood shipbuilding Company, Collingwood & Polson Iron Works Limited Toronto, Ont. Ther Iron Works Limited Toronto, Ont. Georgian Bay Shipbuilding & Repairing Co., Midland Total	4 cargo steamers 1 cargo steamer. 2 oil tankers 2 cargo steamers 2 cargo steamers	8.874 7.988 4,800 4,400 5,000 40	Steel. Steel. Steel. Steel. Steel. Wood.
STEAMERS - PA	CIFIC COAST.		_
L Coughlan & Sons Vancouver, B.C Wallace Shipyard Limited Vancouver, B.C Cameron-Genoa Mills Limited Victoria, B.C., Vancouver Shipyards Limited Vancouver, B.C., W.R. Menchion Vancouver, B.C. Varrows Limited Esquimalt, B.C.	3 cargo steamers 4 cargo steamers 2 frght, & pass, steamers 8 anxiliary schrs, 2 tugs, 1 tug, 1 stern wheeler., 1 gasoline boot,	13,500 17,500 11,000 16,000 6,000 120 100 400	Steel, Steel, Wood, Wood, Wood, Wood, Wood
Total	25	64, 629	

#### SUMMARY

		- 1	Ste	4.	Woo	к1.
	Number	Gross	Number.	Gross.	Number	Gross.
		Tonnage.		Tonnage.		Tonnage
Atlantic Coast Great Lakes . Pacific coast	9 12 25	19,015 31,102 64,629	6 11 9	17,969 31,082 42,000	3 1 10	1, 055 40 22, 629
1 actine consul	-16	1,147,46	26	91,012	20	23,724

STEAM, SAILING, GAS AND UNRIGGED VESSELS BUILDING IN CANADA FOR MONTH ENDING 28TH FEBRUARY, 1917—Concluded.

# SAILING VESSELS-ATLANTIC COAST.

		Gross Tonnage.	Material.
J. W. Comeau, Comeauville, N.S	ISchooner  I schooner.	544 1000 240 250 3500 755 265 130 3000 490 490 425 449	Wood.
Carried forward	24	7,786	

# SAILING VESSELS-ATLANTIC COAST.

	<b></b>	Gross Tonnage.	Material.
J. Steadman Gardner, Liverpool, N.S. R. S. MeLeod, Liverpool, N.S. Albert Parsons, Cheverie, N.S. George A. Cox, Shelburne, N.S. W. C. McKay & Son, Shelburne, N.S. J. N. Rafuse, Conquerall Bank, N.S. J. Ernst & Son, Mahone Bay, N.S. John McLean & Sons, Mahone Bay, N.S. Lewis Hardwood Co., Lewiston, N.S. John Brown, Public Landing, N.B. John Edgar, Moss Glen, N.B. E. F. Williams, Dartmouth, N.S. Le Chantier de St. Laurent Ltée., St. Laurent, Que. Charles Griffin, Isaacs Harbour, N.S. James X. Lenteigne, Lower Caraquet, N.B. James X. Lenteigne, Lower Caraquet, N.B. Meteghan Marine Railway and Shipbuilding Co., Mcteghan, N.S.	I schooner. I schooner. I schooner. I schooner.	350 350 200 6 0 169 275 520 95 332 1,000 106 200 40 400 28	Wood.
Total	51	16.316	

Steam, Sailing, Gas and Unrigged Vessels building in Canada for month ending 31st March, 1917.

# STEAMERS-ATLANTIC COAST.

_	-	Gross Tonnage.	Material.
Caaadian Viekers Limited, Montreal, Que  Davie Shipbuilding and Repairing Co., Levis  Nova Scotia Steel and Coal Co., New Glasgow, N.S. Shelburne Shipbuilders Limited, Shelburne, N.S. Robert Rutledge, Sheet Harbour, N.S  Quebec Shipbuilding and Repairing Co., St. Lnurent, Isle of Orleans, Que	2 cargo steamers	2,360 1,600 5,000 2,200 320 325	Steel. Steel. Steel. Steel. Wood. Wood. Wood.
*Motor engines.			
STEAMERS-GI	REAT LAKES.		
Port Arthur Shipbuilding and Repairing Co., Limited, Port Arthur, Ont Collingwood Shipbuilding Company, Collingwood Ont Polson Iron Works Limited, Toronto, Ont Thor Iron Works Limited, Toronto, Ont Georgian Bay Shipbuilding and Repairing Co., Midland, Ont Total	4 cargo steamers	7,988 4,800 4,400 5,000	Steel. Steel. Steel. Steel. Steel. Wood.
STEAMERS-PA	CIFIC COAST.		
Vancouver Shipyards Ltd., Vancouver, B.C. W. R. Menchion, Vancouver, B.C. Yarrows Limited, Esquimalt, B.C. British Yukon Navigation Co., Vancouver, B.C.	3 eargo steamers	11,000 12,000 6,000 120 100 400 1,000	Steel. Steel. Steel. Wood. Wood. Wood. Wood. Wood. Wood. Wood.
Total.		61,729	

# SUMMARY.

	Number.	Gross	Ste	પવી.	, Wood,		
			Nubmer.	Gross Tonnage.	Number.	Gross Tonnage.	
Atlantic Const	15 12 25	24, 105 31, 976 61, 729	11		1	3,545 40 19,729	
	52	117,810	30	91,496	22	23,314	

STEAM, SAILING, GAS AND UNRIGGED VESSELS BUILDING IN CANADA FOR MONTH ENDING 31ST MARCH, 1917—Concluded.

# SAILING VESSELS-ATLANTIC COAST.

		Gross Tonnage.	Material
J. W. Comeau, Comeauville, N.S. Dr. McDonald, Meteghan, N.S. John Deveau, Meteghan, N.S. Innocent Comeau, Little Brook, N.S. Omer Blinn Grosses Coques, N.S. Theriault Bros., Belliveau Cove, N.S. J. N. Rafuse, Bridgewater, N.S. Leary & Sons, Brigewater, N.S. Leary & Sons, Brigewater, N.S. William Naugler, Bridgewater, N.S. William Naugler, Brigewater, N.S. W. R. & C. A. Huntley, Parrsboro, N.S. Wagstaff & Hatfield, Port Greville, N.S. G. M. Cochrane, Fox River, N.S. James E. Pettis, Spencer's island N.S. T. K. Bentley, Advocate Harbour, N.S. Esther Harkinson Shipping Co. Belliveau Cove, N. Peter McIntyre, Saint John, N.B. Southern Salvage Co., Liverpool, N.S. J. Steadman Garner, Liverpool, N.S.	1 schooner. 1 schooner. 1 schooner. 1 schooner. 1 schooner. 1 schooner. 2 schooners. 2 schooners. 3 schooners. 1 schooner. 2 schooners. 1 schooner.	544 400 250 350 350 755 265 130 400 490 425 449 360 450	Wood.

# SAILING VESSELS—ATLANTIC COAST.

•		Gross Tonnage.	Material.
Brought forwd	25	8,466	
Albert Parsons, Walton, N.S.	1 schooner		Wood, Wood,
Geo. A. Cox, Shelburne, N.S.	1 schooner		Wood.
W. C. McKay & Son Shelburne, N.S	4 schooners		Wood.
Estate Joseph McGill Shelburne, N.S	1 schooner	160	Wood.
J. Ernst & Son Hahone Bay, N.S.	2 schooners		Wood.
John McLean & Sons, Mahone Bay, N.S	1 schooner		Wood.
Smith & Rhuland, Lunenburg, N.S.  Lewis Hardwood Co., Lewiston, N.S.	3 schooners		Wood.
John Brown, Public Landing, N.S.	2 sehooners		Wood. Wood.
E. F. Williams Dartmouth, N.S	1 schooner		Wood.
Quebec Shipbuilding & Repairing Co., St. Laurent,	a consource and a constant	000	wood.
Que.	2 schooners	2,600	Wood.
Charles Griffin, Isaac Harbour, N.S.	1 sehooner		Wood.
J. A. Balcom Co. Ltd., Margaretsville, N.S	1 seliooner		Wood.
James X. Lenteigne, Lower Caraquet, N.B.	1 schooner	28	Wood.
Meteghan Railway & Shipbuilding Co., Meteghan, N.S.	1 schooner	{™O	Wood.
Shelburne Shipbuilders, Limited, Shelburne, N.S.	1 schooner.		Wood.
buerburke empounders, Emitted, enerourke, N.S	1 schooler		11000.
į į	50	16,481	
Robert Rutledge, Sheet Harbour, N.S J. W. Raymond, Port Maitland, N.S Robin, Jones & Whitman, Liverpool, N.S	1 schooner	375	Wood. Wood. Wood.
Totals	53	17,496	

# STATISTICS OF CANADIAN SHIPPING.

Statement showing the number of Vessels and Number of Tons on the Registry Books of the Dominion of Canada, on December 31, 1916.

	1. 8.	AILING VESSE	LS.	STEAM VESSELS.			
Ports.	No.	Gross Tonnage.	Net Tonnage.	No.	Gross Tonnage.	Net Tonnage.	
Ontario.							
Amherstburg. 2.	7 3	1,515	1,484	13	950	51:	
Belleville	3	241	217	11)	241	14	
Bowmanyille.	2 2 5	344	316				
Brockville.	2	842	771 586	24	1,380	92	
Chatham	i)	536 430	402	11	934 756	51 54	
Cohonrg Collingwood	2 5,	1,122	1, 122	56	20, 253	13,74	
Cornwall.		1,100	1	5	170	10	
Deseronto.	5	403	370	6.	114	S	
Dunnville.	1	87	57				
Fort William	1,	413	413	3	4,218	2,56	
Goderich.	10	1, 155	1,155	31	1,589	1,05	
Hamilton	3	807	780	26	20,085	12,98	
Kenora	7 68	580 10, 986	580 10,335	86 117	3,028	1,91 6,22	
Kingston.	19	1, 224	1, 224	28	10,710 626	0,22	
Lindsay. Midland	7	3,681	3,166	40	35,882	23, 73	
Napance	i	122	122	1//	170,1512	-9,10	
Oakville	1	26	26				
Ottawa .	153	20,689	19,764	287	41,824	24,01	
Owen Sound	7	2,326	1,995	37	3,401	2,29	
Peterboro.	21	1,631	1,631	59	1,310	88	
Picton	81	2,435	2,230	14.	5,000	3,36	
Port Arthur.	43	18,769 65	18,081 65.	75 10	40,901 342	25,39 19	
Port Burwell. Port Dover	3	217	217	16	536	35	
Port Hope.	6	630	610	G	116	7	
Port Stanley	")	4,717	11,0	27	1.119	75	
Presentt	9	1,616	1, 188	13	2, 295	1,54	
Sarnia	110	3,547	3, 288	(1)	4,008	21,96	
Southampton	1	96	50	11	110	27	
Fault Ste, Marie	40	8,286	7,935	51	20, 200	12,98	
51. Catharines	25	6, 553	5,944	54	2,015	1,33	
Since .	83.	26 16,665	36' 14,809	300	35	1 1	
Toronto, Wall iceburg.	11	1,935	1,876	13	\$8,046 630	55, 66 13	
Whitby	1	190	190	1.0	000	10	
Windsor.	30	3,067	2,949	1).17	7,225	4,320	
	610	113,387	106,367	1, 507	353, 439	221,309	
r ne. I dward I to d							
Charlottetown.	125	7,545	7, 166	27	7,557	+ 3,48	
B + h Culumban							
· New We thunster	108	12,013	12,005	207	8,016	5,00	
Prince Rupert	3	2,507	2,355	31	3,019	1,87	
Vancouver	211	31,752	31,207	71	52 027	32,38	
Victoria	110	22,393	21, 188	170	65,881	39,51	
	1.5	68,66	66,751	a 1,255	128,976,	78,77	
1 1 1, h. o 1							
Prince Albert	1	145)	11"	4	660,	31	
Mant h							
Viringer perz	17)	3 391	3 3 1	78	8,567	5,55	
Value			2.7.	1.0			
1) + + (+0	1	åd	556	10	2,716	1,73	

# STATISTICS OF CANADIAN SHIPPING-Cantinued.

STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, on December 31, 1916—Concluded.

	S	AILING VESS	ELS.		STEAM VES	SELS.
Ports.	No.	Gross Tonnage.	Net. Tonnage.	No.	Gross Tonnage.	Net. Tonnage.
New Brunswick, ('hatham Dorchester, Moncton Richibueto Sackville St. Andrews St, John	395 3 6 23 4 160 219	8,188 355 338 572 302 2,932 23,075	8,027 340 315 516 265 2,572 22,299	98 2 2 16 3 36 107	3, 909 8 119 298 65 719 19, 564	2,388 6 60 220 45 482 12,612
	810	35,761	34,334	264	24,682	15,813
Nova Scotia. Amherst Annapolis Royal Arichat Barrington Canso Digby Guysboro Halifax Liverpool Lunenburg Maitland Parrsboro Pictou Port Hawkesbury. Port Medway Shelburne Syduey Truro Weymouth Windsor Yarmouth	3 27 98 78 44 95 5 4 283 11 44 44 41 13 65 11 74 87 21 39 20 20 20	148 3,022 2,562 1,992 811 3,621 3,655 13,556 4,523 26,292 1,501 10,560 723 1,452 1,452 1,452 1,452 1,452 1,452 1,452 1,452 1,452 1,452 1,452 1,452 1,452 1,452 1,454 1,554 1,554 1,555 1,556 1,556 1,556 1,556 1,556 1,556 1,556 1,556 1,556 1,566 1,5	131 2,686 2,527 1,932 811 3,421 353 13,113 4,059 21,826 1,297 9,657 668 1,436 948 4,682 4,803	3 7 188 144 2 14 121 27 115 1 8 8 18 4 5 5 17 40 9 9 9	168 362 305 265 28 402 17, 674 1, 794 2, 509 88 810 620 73 76 694 6, 4011 244 18 3, 654 10, 442	95 203 273 225 26 284 10.148 10.148 1.977 524 392 65 711 511 3,987 178 07 2,004 4,777
	1,580	106, 290	96,361	484	46,627	26,691
Quebec. Gaspé Magdalen Islands Montreul Paspebiac Quebec Sorel	18 13 323 17 471 37	1,004 525 87,341 291 39,391 12,687	923 516 84,650 271 38,377 11,606	3 349 5 167 49	506 178,460 115 33,935 12,943	249 111,062 73 19,594 6,448
	879	141,239	136,343	573	225,959	137, 426

# RECAPITULATION.

New Brunswick Nova Scotia Quebec Ontario Prince Edward Island British Columbia Manitoba Yukon Territory Saskatchewan	\$10 1,580 879 610 128 432 17 1	35, 762 106, 290 141, 239 113, 387 7, 545 68, 665 8, 394 556 145	34, 334 96, 361 136, 343 106, 367 7, 166 66, 751 3, 394 556 143	264 484 573 1,507 27 1,255 78 10 4	24,682 46,627 225,959 353,439 7,557 128,976 8,567 2,716 660	15,813 26,691 137,426 221,309 3,486 78,774 5,559 1,739 384
	4,458	476, 983	451,417	4,202	799, 183	491, 181

Comparative Statement showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, on the 31st December, in each Year from 1874 of 1916 both inclusive.

							,		
1	874.	1	875.	1	876.	1	1877.	1	878.
Vessels.	Tons.	Vessels.	Tons.	Vessela,	Tons.	Vessels.	Tons.	Vessels,	Tons.
1,144 2,787 1,837 815 312 35	294,741 479,669 218,946 113,008 48,388 3,611	1,133 2,786 1,831 825 335 40 2	307, 926 505, 144 222, 965 114, 990 50, 677 3, 685 178	1,154 2,867 1,902 889 338 40	324, 513 529, 252 228, 502 123, 947 59, 692 3, 809 178	1,133 2,961 1,951 926 342 43 6	329, 457 541, 579 248, 399 131, 761 55, 547 3, 479 246	1,142 3,003 1,676 958 322 51 17	335, 965 553, 368 248, 349 135, 440 54, 250 4, 482 1, 161
6,930	1,158,363	6,952	1,205,565	7,192	1,260,893	7,362	1,310,468	7,169	1,333,015
1	1879.	1880.			1881.		1882.	1	883.
1,135 2,975 1,975 1,006 298 60 22	340, 491 552, 159 246, 025 136, 987 49, 807 4, 701 1, 924	1,097 2,977 1,889 1,042 288 63 21	336, 976 550, 448 233, 341 137, 481 45, 931 5, 049 1, 992	1,087 3,025 1,830 1,081 273 74 24	333,215 558,911 224,936 139,998 45,410 6,296 2,130	1,065 3,026 1,754 1,112 248 84 23	546,778	1, 107 3, 037 1, 739 1, 133 241 94 24	315,906 541,715 216,557 140,972 49,446 9,046 2,778
7,471	1,332,091	7,377	1,311,218	7,394	1,310,896	7,312	1,260,777	7,375	1, 276, 440
	1884.		1885.		1886.		1887.	1	1888.
1,096 2,942 1,628 1,184 234 116 55	308, 132 544, 048 202, 842 142, 387 39, 213 11, 403 5, 722	1,060 2,988 1,631 1,223 227 123 63	541,832	2,929 1,650 1,248 225 134	526,921	2,845	498,878		239,332 485,709 178,520 139,502 26,586 14,249 5,744
7,255	1,253,747	7,315	1,231,856	7,293	1,217,766	7,178	1,130,307	7, 142	1,089,642
	1889.		1890.		1891.		1892.		1893.
1,013 2,855 1,455 1,352 221 176 77	6,091	981 2,793 1,399 1,312 231 196 79	209, 460 461, 191 164, 003 138, 738 26, 080 16, 021 6, 475	2,778 1,404 1,345 195 246 78	461,758 162,330 138,914 23,316 19,767 6,197	2,731 1,408 1,347 190 298 81	425,690 162,638 141,750 22,706 23,448	2,715 1,426 1,370 185 315 89	156,086 396,263 161,121 146,665 20,970 21,900 6,534
	1,144 2,787 1,837 815 312 35  6,930 1,135 2,975 1,975 1,006 298 600 222 7,471 1,096 2,942 1,628 1,184 2,1628 1,184 2,1628 1,184 2,184 1,1628 1,1	1,144 294,741 2,787 479,669 1,837 218,946 815 113,008 312 48,388 35 3,611 6,930 1,158,363  1879.  1,135 340,491 2,975 552,159 1,975 246,025 1,006 136,987 298 49,807 60 4,701 22 1,924 7,471 1,332,094  1884.  1,096 308,132 2,942 544,048 1,628 202,842 1,184 142,387 234 39,213 116 11,403 55 5,722 7,255 1,253,747  1889.  1,013 218,873 2,855 461,431 1,455 108,500 1,352 111,839 224 25,506 176 15,211 77 6,091	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $

Comparative Statement showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, etc.—Continued.

Province.		1894.		1895.		1896.		1897.		1898.
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels,	Tons.	Vessels,	Tons.
New Brunswick. Nova Scotia. Quebec. Ontario. P. E. 1sland. B. Columbia. Manitoba. Yukon District.	2,710 1,427 1,480 191 336 98	371,432 160,590 148,525 19,650 26,455	2,683 1,454 1,508 190 346	122,417 343,356 158,776 148,609 19,323 25,988 7,307	2,669 1,469 1,525 174	115,506 317,526 158,649 146,522 16,540 26,622 7,934	2,204 1,480 1,424	103,584 283,056 158,077 135,349 15,812 28,604 7,272	1,378	89,257 262,176 144,447 134,180 15,979 40,304 7,439
Total	7,245	869,624	7,262	825,776	7,279	789,299	6,684	731,754	6,643	693,782
,	:	1899.	1900.		:	1901.		1902.		1903.
New Brunswick. Nova Scotia Quebec. Ontario. P. E. Island B. Columbia Manitoba. Yukon District. Saskatchewan.	2,121 1,375 1,488 171 488	86,288 243,457 144,586 135,234 14,660 44,415 9,108 1,604	927 2, 121 1, 247 1, 610 176 515 128 11	78,708 226,817 138,136 141,112 14,251 51,095 7,147 2,268	915 1,980 1,265 1,635 180 676 130 11	75, 293 214, 560 142, 664 145, 227 14, 729 62, 102 7, 445 2, 463	917 2,037 1,288 1,699 156 584 139 16	64,605 212,967 136,660 156,449 13,464 58,292 7,536 2,640	929 2,069 1,228 1,778 164 639 139 14	59,508 216,053 138,570 169,086 13,739 76,215 7,695 2,281
Total	6,698	679,352	6,735	659,534	6,792	664,483	6,836	652,613	7,020	683, 147
	1	1904.	1	905.	1	1906.	1	1907.	1	.908.
New Brunswick, Nova Scotia Quebec, Ontario. P. E. Island. B. Columbia Manitoba. Yukon District. Saskatchewan.	2,066 1,287 1,886 161 666 141	54,855 211,972 140,339 176,430 12,200 77,105 7,765 2,172	938 2,121 1,301 1,942 158 712 142 11	49,145 198,976 141,406 178,848 11,924 79,954 7,809 1,763	939 2,159 1,344 1,978 149 782 149 11	44,471 187,328 143,340 180,340 10,761 77,746 8,341 1,763 89	927 2,074 1,338 2,011 145 872 144 13	69,463 173,950 166,133 184,328 9,815 83,792 8,247 2,670 290	938 2,052 1,384 2,028 154 939 87 16 4	66,402 164,919 172,975 192,970 10,387 87,056 4,341 2,984 290
Total	7,152	682,838	7,325	669,825	7,512	654, 179	7,528	698,688	7,602	702,324
	1	909.	1	910.	1	911.	1912.		1	913.
New Brunswick. Nova Scotia. Quebec. Ontario. P. E. Islan 1. B. Columbia. Manitoba. Yukon District. Saskatchewan.	937 2,058 1,432 2,061 150 1,020 90 16 4	62,984 160,286 175,370 208,652 10,154 92,746 5,087 2,984 290	951 2,054 1,499 2,027 150 1,109 94 16 4	59,637 149,737 189,945 227,457 10,100 105,414 5,565 2,784 290	966 2,105 1,511 2,014 149 1,227 96 15 5	55,872 142,631 193,682 236,877 9,633 122,264 6,373 2,708 356	1,001 2,158 1,566 2,017 148 1,376 95 14 5	57,369 143,295 227,048 253,376 9,577 136,618 6,096 2,543 356	1,031 2,106 1,628 2,012 149 1,506 93 15 5	60,020 138,107 247,225 279,642 10,071 153,06 5,545 2,940 356
Total	7,768	718,553	7,904	750,929	8,088	770,446	8,380	836,278	8,545	896,965

Comparative Statement showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, etc.—Concluded.

		914.	1915		1916.	
Provinces.	Vessels.	Tons.	Vessels.	Tons.	Vess-ls.	Tons.
New Brunswick Nova Scotia Quebec Ontario Prin e Edward Island British Columbia Manitoba Yukon District Saskatchewan	1,052 2,098 1,663 2,100 149 1,591 103 11 5	55, 522 135, 053 259, 143 314, 660 10, 029 147, 192 7, 999 2, 295 529	2,087 1,590 2,111 158 1,643 84 11	56,219 125,567 267,897 312,971 11,518 144,835 7,480 2,295 530	2,064 1,452 2,117 155 1,687 95	50,147 123,052 273,769 327,676 10,652 145,525 8,953 2,295
Total	8,772	932,422	8,757	929,312	8,660	942,598

List of Ports at which Vessels may be registered, showing the number of New Vessels Built and Registered in the Dominion of Canada, during the Year ended December 31, 1916.

PROVINCE OF N	EW BRUNS	SWICK.	PROVINCE OF	ONTARIC	).
Name of Port.	Total Number of Sailing Ships and Steamers.  Total NetTomage of Sailing Ships and Steamers.		Name of Port.	Total Number of Sailing Ships and Steamers.	Total NetTonnag of Sailing Ships and Steamers.
Chatham	15	258	Amherstburg		
Dorchester			Belleville		
Moncton		4.9	Bowmanville		
Richibacto	-1	43	Brockville Chathan		
Sackville St. Andrews.	1	19	Cobourg	1	31
St. John	9	19	Collingwood		
	-		Cornwall.		
Total	22	332	Deseronto		
			Dunnville		
			Fort William		
			Goderich		
PROVINCE OF	NOVA SCC	ALTC	Hamilton		5.0
			Kenora	3	36
			Kingston.	1	
Amherst			Lindsay Midland		
Annapolis Royal	1	32	Napance		
Arichat	3	41	Oakville		
Barrington Passage.	5	53	Ottawa	6	351
Canso	1	12	Owen Sound		
Digby			Peterborough	3	83
Guyshorough			Picton		
Halilax	4	115	Port Arthur.	2	29
Liverpool	2	582	Port Burwell		
Lanenburg	29	3,020	Port Dover	1	55
Maitland.			Port Hope		
Parisboro'	4	1,827	Port Stanley Prescott		
Pictou Port Hawkesbury			Sarnia.	3	1,610
Port Medway	1		Southampton	, ,	1,010
Shelburne	8	1.190	Sault Ste, Marie.	3	179
Sydney	2	20	St Catharine,	i	27
Truro.		211	Simon		10.1
Weymouth .	4	535	Toronto.	13	41
Windsor	2	331	Wallaceburg.		
Yarmouth			Whitby		
		-	Windsor,		
Total .	65	7,761			
			Total .	50	5,597

List of Ports at which Vessels may be registered, showing the number of New Vessels Built and Registered, etc.—Concluded.

PROVINCE O	F QUEBEC		YUKON DISTRICT.				
Name of Port.	Total Number of Sailing Ships and Steamers.  Total NetTonnage of Sailing Ships and Steamers.  Province.		Number of Net Tonnage Sailing of Sailing Province. Ships and Ships and		Total Net Tonnage of Sailing Ships and Steamers.		
Amherst (Magdalen Islands)			Dawson City	Nil.	Nil.		
Gaspé	20 13 9	5,387 158 545	SASKATC	HEWAN.			
Sorel	9 51	2,553 8,643	Prince Albert	Nil.	NiI.		
PROVINCE OF PRINC	CE EDWAR		SUMM	ARY.			
Charlottetown	Nil.	Nil.	New Brunswick	1	332		
PROVINCE OF BR	ITISH COL	UMBIA.	Quebee	51	8,643		
New Westminster Prince Rupert	14	1,968	Ontario Prince Edward Island		5, 507		
Vancouver Victoria	39 8	33 1,944 542	British Columbia	6.5	4,487		
Total	65	4,4\7	ManitobaYukon District		1,573		
PROVINCE OF	MANITOBA	١.	Saskatchewan				
			, ,				

374 71,090

Comparative Statement of New Vessels Built and Registered in the Dominion of Canada during the Year ended December 31, in each Year, from 1874 to 1916, both inclusive.

	1874.		1875		1876.		1877.		1878.	
Provinces.	Vessels.	Tons	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels,	Tons
New Brunswick. Nova Scotia Quebec. Ontario Prince Edward Island. Manitoba.	90 175 73 50 88 5	42,027 84,480 20,796 10,797 24,634 276		67,106 22,825 7,760	194 51	31,040 58,771 17,800 5,397 14,571 121	54 219 62 28 62 23	31, 158 47, 980 19, 253 3, 316 17, 026 204 48	56 166 46 30 38 2	27,368 49,784 10,870 2,409 10,383
Add new vessels built in Canada which proceeded to the United Kingdom under a Governor's pass without being registered. Add new vessels which left Quebec for registration in Germany.	481	7,746	481	151,012	3	127,700 2,721 480	2	118,985		100,873
Total	487	190,756	481	151,012	420	130,901	432	120,928	340	101,563
				'	'					
	1879.		1880.		1881.		1882.		1883.	
Provinces.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Toas.	Vessels.	Tons.
New Brunswick Nova Scotia Quebec Ontario Ontario Edward Island British Columbia Manitoba	43 126 29 42 20 5		63 126 33 44 21	18,896 31,257 8,219 3,610 3,359	150	18, 259 40, 465 5, 673 5, 111 4, 351 85 116	66 117 26 55 15 8	16,820 26,711 6,785 4,369 3,508 1,631 289	72 202 42 34 17 5	21, 103 35, 703 6, 594 4, 311 5, 343 849 125
Add new ve-sels built in Canada which proceeded to the United Kingdom and ra Governor's pas- without being registered. Add new ve-sels which left Quebec for registration in Germany		74,227	288	65,441	337	74,069	288	1,029	374	74,090

Total .... 265 74,227 288 05,411 337 74,060 289 61,142

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Comparative Statement of New Vessels Built and Registered in the Dominion of Canada during the Year ended December 31, etc.—Continued.

8.	
2	
Tons.	
2,530 2,965 2,669 5,095 1,412 448	
25,130	
1893.	
Tons.	
2,819 15,089 4,220 4,126 634 944 608	
28,440	
1898.	
Tons.	
790 4,962 4,139 1,872 372 12,228 159	
24,522	
_	

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Comparative Statement of New Vessels Built and Registered in the Dominion of Canada during the Year ended Dec. 31, etc.—Continued.

						1			
	1899.			1900.	1901.		1902.		
Provinces.	Vessels,	Tons,	Vessels.	Tons	Vessels.	Топв.	Vessels.	Tons,	
New Brunswick. Nova Scotia Quebec. Ontario. Prince Edward Island. British Columbia. Manitoba. Yukon District. Saskatchewan	31 92 35 52 3 51 13	798 7,594 5,943 3,419 56 2,734 554	22 117 50 58 3 43 3	9,416 4,301 3,734 106 3,837 109	25 133 43 62 6 62 3	1, 141 14, 660 7, 421 2, 665 589 7, 728 112 165	23 140 16 60 8 36 10 3	1,055 14,827 1,990 8,791 530 2,550 137 336	
Total	277	21,098	297	22,326	335	34,481	296	30,216	
Provinces.	1903.			1904.		1905.	1906.		
	Vessels.	Tons.	Vessels.	Tons.	Vessels	Tons,	Vessels.	Tons.	
New Brunswick. Nova Stotia Quebec Ontario. Prince Edward Islan I British Columbia Manitoba Yukon District Saskatchewan	21 135 31 71 6 56 5	1,076 10,719	105	5,993 3,203 5,167 185 2,362	160 24 85 6 51	1,438	50 74 4 82	431 7,538 3,940 61014 147 2,774 808	
Total	328	30,323	309	18,554	352	19,781	397	21,741	
Provinces.		1907.		1908.	1909.		1910.		
	Vessels,	Tons.	Vessels.	Tons.	Vessela.	Tons.	Vessels	Tons.	
New Brunswick Nova Scotia Quebec. Ostario Prince Edward Islan I. Briti h Columbia Manitoba. Yuk n D strict Sask stehewan.	27 109 50 96 7 97 3	5,166 10,326 11,111 215 7,115	80 63 46 5 70	6,600 7,279 8,695 254 4,778	75 66 73 1 93	0,007 5,895 7,973 5	82 58 46 2 84	5, 177	
Total	392	38, 401	301	28,983	327	25,:06	291	22,253	

Comparative Statement of New Vessels Built and Registered in the Dominion of Canada during the Year ended December 31, etc.—Concluded.

		1911.		1912.		1913.		1911.	
Provinces.	Vessels.	Tons.	Vessels.	Toms.	Vessels.	Tons.	Vessels.	Toms.	
New Brunswick. Nova Scotia Quebec. Ontario P. E. Island B. Columbia Manitoba. Yukon District. Saskatchewan	25 136 30 42 4 98 3	774 5,340 2,72 10,086 61 7,781 902	128 128	1,092 5.853 5,744 11,170 34 10,647 546	$\frac{3}{128}$	1,114 4,899 8,667 15,572 804 9,000	56 51 78 2	1,319 3,303 6,753 23,567 35 5.867 2,899 3	
Total	339	27,736	420	34,886	344	40,164	627	43,346	

Provinces.	191	.5,	191	6.
1 rovinces.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick Nova Scotia Quebec. Ontario P. E. Island British Columbia Manitoba Yukon District Saskatchewan Total	22 51 49 38 2 79 5	1,114 2,982 7,790 4,709 24 2,057 156	22 65 51 26 65 15	332 7,661 8,613 5,567 4,48° 1,573

STATEMENT showing the number of Vessels Removed from Registry in the Dominion of Canada during the year ended December 31, 1916, and the cause for such removal.

Sold to foreigners-(U.S.A.) 22, French Government, 1, Russian Gov-	
ernment, 1	24
Wrecked	26
Stranded	20
Lost	7
Broken up, reported out of existence, condemned, dismantled, aban-	
doned, etc	260
Abandoned at sea	
Collision	9
Foundered	14
Burnt	1.8
Transferred to St. John's, Nfld	25
" Barbades	17
" G. B	5
" New Zealand	
" Australia	1
Missing	•
Porter to Inner vocation	
Registry no longer required	
Sunk by mine 3, by torpedo 1	4
Total	432
	10-

It is estimated that 42,566 men and boys, etc., inclusive of masters, were employed on ships registered in Canada during the year 1916.

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## LIGHTKEEPERS appointed during year 1916-17.

Name of Station.	Keeper,	Salary.		
Name of Station,	recepet.	Minimum.	Maximum.	
		\$	\$ ets.	
Great Salmon River, N.B	W. Seeley	80	100 00	
Dight Pior N S	W. M. Wright	260	320 00	
Cane Wadoline Village P O (Back)	G. de Lottinville	120	140 00	
	R. Mokler	100	120 00	
Point Peter P ()	G. Cotton	520	600 00	
Southampton, Ont. (Back).	J. Buckley		260 00	
Hope Island, Ont	W. Downer		555 00	
Burnt Coat, N.S	D. Webber	320	380 00	
Gillis Point, N.S	Mrs. H. McLean	220	260 00	
He a L'Aigle, P Q. (Back)	A. Langlois	140	180 00	
	J. W. McNamara	440 880	520 00	
Little Hope, N.S St. Paul Island, N.S	R. Burgess F. R. Huntley	600	980 00 680 00	
Louisburg Fog slarp oper X S	D. Covey		1,043 15	
Louisburg, Fog alarm engr., N.S. Caraquet, N.B.	J. L. Foulem	60	80 00	
Pietou Bar Light, N.S.	W. E. Watts	520	600.00	
Livingston Channel, Ont	W. H. Kelly	320	380 00	
Jones Island, Ont	J. G. Dixon	320	380 00	
Port Maitland, Ont	F. Splatt	780	880 00	
Little River X S		60	80.00	
McFarlane Point, N.B. S. W. Wolle island Light, N.B.	B. Dobson	100	120 00	
S. W. Wolfe island Light, N.B	II. Wright	600	680 00	
Caron Point, 1. Q	J. Dorion W. Stevers	100 260	120 00	
Bathurst Range, N.B Wedge Island, N.S		600	320 00 680 00	
Pro ou Chang P ()	N. A. Pride John Quesnel	140	180 00	
Pte au Chene, P.Q. Cape Salmon, P.Q. McKnys Island, Ont.	D. J. Bouchard	880	980 00	
McKays Island, Ont	J. A. C. McNeish	320	380 00	
Negro Island, N.S.	F. Perry	440	520 00	
Chambly Basin, P.Q	D. Lajeunesse	180	220 00	
Sable Island, N.S. (West)	H. S. Glazebrook		300 00	
Marcelle Point, N. B	J. F. Doucette	140	180 00	
Chambly Canton, P.Q	P. Champagne	180	220 00	
McRays Island, Ont Negro Island, N S. Chambly Basin, P.Q Sable Island, N S. (West) Marcelle Point, N B. Chambly Canton, P.Q Portneuf, P.Q Outhouse Point, N B Holland Rock, B C.	Mrs. N. Paradis	320 120	380 00 140 00	
Holland Rock, B C.	W. W	1.020	1,170 00	
Holland Rock, B C. Jones Island Range, Ont. Colchester Recf. Ont Casendes Range, I' Q. Big Duck Island Fog Alarm, N.B Cane Sable Island N.S.	E. Biddle	320	(resigned)	
Colchester Reef Ont	J. B. Knapp	850	980 00	
Casendes Range, PO.	Wm. Bradley C. Stanley	180	220 00	
Big Duck Island Fog Alarm, N.B	C. Stanley	780	880.00	
Cape Sable Island, N.S. Little Lorraine, N.S.	A. Wisc	950	1,180 00	
Little Lorraine, N.S	E. Troke.	140	180 00	
Needles, B.C	G. E. Smedley	\$19 per		
D : 1 H 1 O :	D. 1 ST. 1 II	month.	400.00	
Peninsular Harbour, Ont	Fred Nieboll	600	680 00	
Pubnico Harbour, N.S	Austin J. Amiro	380 510	410 00 600 00	
Proctor Buoy Light and Range, B C	R. Quinn John <b>K</b> ippert	600	680 00	
Chantry Island, Ont. Peribonka Range, P Q	E. Murray	220	260 00	

#### HARBOUR MASTERS appointed during year 1916-17.

Harbour.	Harbour Master.	Salary.
Ocean Falls, B.C. (New). Cape Negro, N.S. Glasgow & Cape Breton Pier, N.S. Port Lorne, N.S. Pender, B.C. (New) Walton, N.S. Liverpool, N.S. Dalhousie, N.B. Northport, N.S. Tracadie, N.B.	Jas. Smith.  J. McKinnon. T. Templeman. G. S. Cook. C. M. Parker. W. A. Smith. J. Wallace. R. Brander.	\$200 "

## Expenditure and Revenue.

The parliamentary appropriation for the fiscal year 1916-17 was \$6,618,998; the total expenditure, \$4,768,784.12; leaving an unexpended balance of 1,850,213.88. The net revenue was \$574,497.71.

#### Correspondence.

The total number of letters received during the fiscal year 1916-17 was 48,791, as against 50,694 in 1915-16: and 34,865 letters were sent, as against 39,792 in 1915-16.

#### SEASON OF NAVIGATION.

At the port of Montreal the harbour was free of ice on April 20, five days later than last season, the water being exceptionally high. The first arrivals from lower-river ports were the *Gaspesian* and *Lady Grey*, on April 24. The first vessel to arrive from sea was the *Bayern*, Capt. C. Dominico, on May 1.

Two weeks of fine, mild, clear weather marked the close of the season. The last vessel to depart for sea was the Ranney, on December 11.

#### STEAMBOAT INSPECTION.

The report of the Chairman of the Board of Steamboat Inspection is published as a supplement to the annual report.

A. JOHNSTON,
Deputy Minister of Marine and Fisheries.

## APPENDIX No. 1.

# ANNUAL REPORT OF THE CHIEF ENGINEER OF THE DEPARTMENT OF MARINE.

The Deputy Minister of Marine and Fisheries, Ottawa.

Sir.—I have the honour to submit the following report of the work done in the several services under the supervision of this office during the twelve months ended March 31, 1917.

The following changes in the office staff occurred during the fiscal year:—On July 31, 1916, Miss Mary T. Edwards resigned from the service; on February 1, 1917, Mr. G. W. York resigned from the service, but was temporarily re-employed on March 1; on March 1, 1917, Miss M. L. Gay was temporarily transferred to another branch of the department.

The department has been advised that Mr. F. C. Calderon, a draughtsman employed in this branch, and one of the first to respond to Canada's call for volunteers, was killed in action near Ypres, April 14, 1916. His loss is mourned by the whole staff.

#### OFFICE WORK.

In consequence of the war, the quantity of work done by the branch has been greatly curtailed, as may be seen by the subjoined tabular statement of work done in the draughting office during the fiscal year.

Description of Work.	Plans Designed,	Plans Received.	Copies Made.	Difference from 'Last year
Lighthouse towers and dwellings Fog alarm buildings Details Wharves, piers, et. Outbuildines Machinery Lanterns and illuminating apparatus Buoys and appurtenances Reneous Steamers Land urveys Plans relating to waterlot application Miccellancous	35 8 34 5 13 26 7 13 4 54 7	19 1 2 53 6 24 106 8 2 2 76 318	284 22 522 13 66 163 86 94 12 163 19	-10 + -20 -2 6 + 1 -2 11 -11 -3 -3 -1
	221	792	1,548	- 93

Total plans for 12 months from April 1, to March 31, 1917	2,761	-1,117
Claris received and recorded	278	2.2"
Chart received and entered in chart books	19	3
Photographs received and recorded	156	- 210
Specifications and falls of material writter	50	70
Notice to Mariners is nell comprising 332 (Spect)	121	- 11

In addition to the work of this branch done under the above vote, the staff has been called upon to perform work of varied description for other branches of the department, and which may be summed up as follows:—

For the Meteorological Service Branch.—Erection of storm signal masts at the following places:—

Storm signal mast at Toronto moved to a new location, and erection of a fence on the Meteorological property at Toronto.

For the Naval Department.—Erection of a radiotelegraph testing station at Ottawa.

#### PUBLICATIONS.

The work of preparing and issuing notices to mariners continues to be heavy and urgent. During the past twelve months, 124 notices, covering 382 subjects, have been published.

A large number related to regulations necessitated by the continuance of the war, and other considerable items were descriptions of channels dredged by the Department of Public Works and aids to navigation to mark the same; descriptions of uncharted dangers; new buoys and beacons established; and hydrographic notes resulting from surveys and inspections.

During the past twelve months notices relating to waters outside of Canada were issued, covering eight items relating to Newfoundland, two items relating to St. Pierre-Miquelon, five items relating to the Atlantic, twenty-one to the inland, and fourteen to the Pacific waters of the United States, seven items relating to the Panama canal, as well as fifteen notices relating to the transatlantic, and three notices relating to transpacific subjects.

A new edition of the "List of Buoys, Beacons and Day Marks" on the Pacific coast of the Dominion of Canada was prepared and published, thoroughly revised and corrected by the undersigned personally, to April 15, 1916.

The annual edition of the "List of Lights and Fog Signals" was prepared and published in three separate volumes, one for the Atlantic coast and the river St. Lawrence, to the head of ocean navigation, one for the inland waters of Canada, and the third for the Pacific coast.

#### PERSONAL INSPECTION.

As is becoming more generally the practice, the Chief Engineer and the Assistant Chief Engineer made frequent trips of inspection, during the past fiscal year, especially in connection with works of construction. The most important of these were as follows:—

The Chief Engineer, in company with Mr. W. H. Carson, on the C.G.S. Lambton, spent the month of June, 1916, in an inspection of all aids to navigation on the inland waters between Prescott and the head of lake Superior. An estimate of the quantity of work involved may be gathered from the fact that 112 reports of inspection and other reports requiring departmental attention were submitted for consideration.

Between July 28 and August 12, the Chief Engineer accompanied the Deputy Minister of Marine on an inspection of the Maritime Province coast, from St. John, N.B., through the Gut of Canso to Bathurst, N.B. They were joined by the executive heads of the several agencies that were inspected, and as a result of the trip, several important improvements in illuminating apparatus were decided upon, and have been since undertaken or made.

Between September 7 and 12, an inspection of the St. Lawrence, between Montreal and Quebec, was made by the Chief Engineer. In connection with this trip he was a witness of the disaster to the Quebec bridge.

Between September 20 and 26 the Chief Engineer accompanied the Deputy Minister on an inspection of lights on the lower St. Lawrence and the Saguenay river, as far east as Pointe des Monts, and north to Chicoutimi.

In October the Chief Engineer and the Commissioner of Lights made a joint inspection of aids to navigation in lake Timiskaming, with a view to systematic improvement.

In December the Chief Engineer inspected ice conditions at Midland; in January he attended the annual meeting of the Lake Carriers' Association at Detroit, and from February 17 to March 16, he was working on the Pacific coast, mainly in connection with the interests of the Vancouver Harbour Commission.

The Assistant Chief Engineer spent most of the month of April, 1916, at Sault Ste. Marie, attending to icebreaking operations, necessitated by the urgent demand for early forwarding of freight, especially grain.

Between September 28 and the end of the fiscal year ho made several trips to St. John, N.B., to oversee the dredging of an additional berth at the departmental depot at that place. This work has been done under his personal supervision.

#### LIGHTING OF HUDSON BAY ROUTE,

In view of the limited traffic in the bay and the very heavy demands on the time of departmental steamers, the unwatched lights in Hudson bay and strait were not operated during the past year, with the exception of the one at cape Tatnam. This was recharged in the usual way and remained in operation during the season. The wooden beacon on Nelson shoal was reported destroyed, presumably by the ice. It has not been re-established as yet. The steel skeleton unlighted beacon for Marsh point was creeted during the season by the Hudson's Bay Company. The total expenditure in connection with this work during the past year was \$3,049.87.

#### DEPARTMENTAL DEPOTS.

#### Victoria, B.C.

The new depot at Victoria, B.C., has been provided with the necessary stores, sheds, workshops, derricks, etc., and is now in full operation. The estimated cost of the work was \$25,000, and the work was done practically all by contract, at a cost of \$22,870.

## St. John, N.B.

The new depot at St. John has been in continual use during the past year. Owing to congestion in the harbour, it was decided to increase the accommodation for boats by excavating a berth at one side of the new wharf. This was estimated to cost about \$5,500. The work is well advanced, and a very good berth will be obtained. The excavation had to be done in solid rock and may probably cost a little more than the estimate, chiefly owing to the difficulty of working the plant to advantage in the restricted space, delays caused by ice accumulating on the site, and the necessity of permitting the Government steamers to carry out their work at the wharf without interruption.

#### Dartmouth, N.S.

At Dartmouth, various improvements were carried out. The old wharf was repaired, and the berth in front dredged out. The heating arrangements were improved, fencing erected, and a new storchouse and coal shed built. The estimated cost was \$5,250, and the work is now practically completed within the estimate.

#### Prescott, Ontario.

The operations at the Prescott depot have been further curtailed during the past fiscal year, owing to the practical standstill of new works. Sales for the year amounted to slightly under \$100,000, as compared with \$130,000 in the previous year. Operating expenses were about \$46,000, as compared with \$56,000 for the year before. The earnings were about \$22,000, as compared with \$30,000 for the year before.

The work of improving and standardizing the larger size vapour burners was continued, and very good results reached. Great difficulty was experienced during the year in obtaining suitable mantles for the standard vapour burners. Owing to the war the supply of material used in the manufacture of these mantles has been practically cut off. It was almost impossible to obtain any quotations, and the problem became serious. The co-operation of the different agencies and of the individual lightkeepers was enlisted, and means were found to utilize the mantles originally intended for other types of burners, and of which a certain quantity was in stock. The standard stock was carefully conserved and redistributed. Some mantles were obtained from England, and as the situation has now improved it is not expected that there will be any breakdown in the service.

Standard diaphones of the various sizes in use in the service are now being machined, assembled and tested at Prescott with good results, and at a reduced cost.

#### REMOVAL OF OBSTRUCTIONS.

During the past twelve months the following work has been doue under the annual appropriation for the removal of wrecks and obstructions to navigation:—

Barrington Passage, N.S.—Steamship <i>Empress</i> , wrecked in Barrington passage was removed under contract by Messrs. Hugh Cann & Son, Ltd., Yarmouth, N.S.	750	00
Buctouche, N.B.—Wreck of schooner Laura Cox was removed by departmenta diver		65
Bear Creek, N.S.—Wreck of schooner Luta Price was removed, under contract, by	7	
J. Orr, Apple river, N.S		0.0
which were a menace to navigation were removed by C.G.S. Dollard		
Ingonish harbour, N.SWreck of schooner Original was removed under contract		
by the Southern Salvage Company at owners' expense.  Rimouski, P.Q.—The dredge Algonquin, an obstruction to navigation, was inoved		
by the purchasers, viz.: La Compagnie Générale d'Entreprises Publiques		
No cost.	222	
Cardigan, P.E.I.—Wreck of schooner <i>Baltic</i> was removed by departmental divervictoria, P.E.I.—Wreck of schooner <i>Therese</i> was removed by departmental diver		
Thames river, Ont.—Wreck or steamer Frontier was removed, under contract, by		0.1
the Reid Wrecking Company of Sarnia. No cost to the department.		
Spragge, Ont.—The burnt wreck of the Harold was broken up by M. J. Egan Supervisor of Construction		10
Collingwood, Ont.—The steamer City of Midland, was removed by the owners, viz.		10
Canada Steamship Lines, Ltd.		
Collins Bay, Ont.—Wreck of Norrisman, removed by the Donnelly Wrecking Co. Detroit river, Ont.—Wreck of wooden steamer Topeka, removed by the owners		
Lake Shore S. S. Co., Milwaukee, Wis.	,	
A number of small expenditures, such as buoying, wrecks, advertising and Inci-		F.0
dental expenses were incurred	531	56
Total amount expended this year under this vote	\$1,878	51

#### MAINTENANCE AND REPAIRS TO WHARVES.

Wharves owned by the Government are usually built by the Department of Public Works of Canada, and on completion come under this department for maintenance (see R.S.C. eap. 112 and amending Acts). We have had formally transferred to our control 421 public wharves, but there are probably twice that number, of the completion of which we have not been officially notified, and where wharfingers have not yet been appointed.

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This branch attends to minor repairs. Large repairs are undertaken by the Department of Public Works. During the past year, \$6,306.97 has been expended in repairs to wharves. The following is a list, by provinces, of the amount expended:—

Nova Scotia		
New Brunswick	 	1,162 75
Prince Edward Island		
General account	 	162 97
Montreal District	 	1,312 85
Ontario		
Quebec	 	1,848 27
British Columbia.	 	Nil.

#### ICE-BREAKING.

1. A three-year contract with the Canadian Towing and Wrecking Company, Limited, of Port Arthur, to keep the harbours at the head of lake Superior open for navigation until December 17 in each year, and to open them in the spring, as soon as the canal at Sault Ste. Marie is open for navigation, is still in force, and under this contract the harbours of Port Arthur, Fort William, and West Fort William were opened in the spring of 1916 in good time.

2. The usual contribution of \$300 was made towards keeping open the St. Croix river in the vicinity of St. Stephen. The annual cost of this work is in the neighbourhood of \$1,000, and the department of late years has contributed \$300 a year towards

this, the remainder being made up locally.

Respectfully submitted.

WM. P. ANDERSON, M. INST., C.E., Chief Engineer.

CHIEF ENGINER'S OFFICE,
DEPARTMENT OF MARINE,
OTTAWA, April 1, 1917.

INCLOSURE "A."—Detailed report of the Chief Engineer of the Department of Marine on construction, establishment and improvement of lighthouses and other aids to navigation, up to March 31, 1917.

To the Deputy Minister,

Department of Marine,

Ottawa.

Sir,—I have the honour to submit a detailed report on work done in the construction and establishment of aids to navigation, for the twelve months ending March 31, 1917.

This statement is put in tabular form, and includes every item of expenditure incurred during the year against the vote of seven hundred and fifty thousand dollars for construction, etc., but no work done chargeable to other votes.

## NOVA SCOTIA. New Aids to Navigation.

Lightstation.	Nature of the work.	How performed.	Contractor or loreman.	Expenditure during fiscal year.
Sanford	Erection of a pole light Erection of range lights front, enclosed wooden tower, showing a catoptric light, back, a steel skeleton tower, showing a locomotive headlight lantern.	Contract	A. B. Little Standard Construction Co., Ltd., Halilax, contract price.	
	Provision and installation of apparatus. Inspection and in- cidental expenses. Construction of shelter shed Acquisition of site, etc		Apparatus supplied from the Dominion Light- house depot, Prescott.	990 21 246 95 164 80

#### CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

				40	-
Arisaig	Expropriation of site	Dog lobour	D. K. O'Reion	520	
ship,	nepairs	Day labour	D. R. O Briefi	020	00
Battery point	.Repairs to lighthouse tower and	44	J. Morash	604	95
	erection of an oil shed.				
	Provision of lantern		Dominion Lighthouse Depot.	645	04
Bunker island	Wall of living room sheathed, roof re-shingled, new canvas on lauteru, changes in lanteru and			676	67
	construction of eistern and general repairs.				
Cape Freels	Repairs to dam (not yet completed).			30	00
Cape Roseway	Conversion of old fog alarm	"	G. Mc Kenna	137	17
	building into a storehouse.				
Cape Sable	Replacement of steam fog alarm plant by an oil plant.		E. J. Geizer, Erection	845	35
	Cost of machinery		Dominion Lighthouse Depot.	3,323	02
Caribou	Erection of a combined light-			2,174	36
	house and dwelling, completion of work.				
Church point	Repairs to foundation of light-	Day labour	D. B. Thibodeau	239	38
	house tower. Apparatus improved by the in-		T II Phillips	550 -	45
	stallation of a 4th order dioptric lens and duplex burner.		1. 11. I mmps	300	

## 8 GEORGE V, A. 1918

## NOVA SCOTIA—Concluded

Lightstation.	Nature of the work.	How performed.	Contractor , or foreman.	Expenditure during fiscal year.
				\$ ets
Country harbour	I stallation of a double flash reflector, 55 mm. burner and a		J. L. Colter	101 98
	Chaateloup clock. Cost of apparatus		Dominion Lighthouse D pot, Prescott.	1,101 90
Dartmouth	Improvements to property begun last year.			4,677 87 2,038 98
Digby Gut	Buildings covered with asbestos for fire protection. Cutting trees on right of way and			16 50
	crection of gate. Provision of bell, c c Repairs to beacon at mouth of			1,016 8
bour.	Repairs to beacon at mouth of harbour. Repairs to protection work			469 le 256 ls
Liver mb	Provision of new annar tas	ļ		503 3- 71 60
Little Hope Lockeport	Purchase of site, etc		T. H. Phillips	315 20 36 0-
	Co t of apparatus		Dominion Lighthouse Depot, Present.	784 2
Louisburg	Provision and installation of modern oil plant.	Day labour	T. H. Phillips	3,867°4
Masstowa,	Machinery Purchase of site, etc		Dom. Lighthouse Depot Prescott.	
Miaasville Porter poiat	Removal of pole light to acw site Removal of lighthouse to new site.	Coatract	L. McCulloch S. de Adden, Kentville, N.S.	
Sable island	Purchase of land, etc. Erection of steel skeleton tower and installation of new illumin- ating apparatus. Will be com- pleted 1917-18.			22 0 60 1
Sal ages	Outstanding accounts in connection with installation of fog			64 [
Scatari	alarm, etc.  Cost of apparatus already installed.			4,862 5
	Incidental expenses of foremen, etc.			109 3
	Purchase of site Repairs to suspension bridge, at N. station,	Day Jabour	P. C. Johasoa	45 0 83 9
	Erection of wooden double dwell- ing for superintendent at main		0	492 4
	station, begun last year. Erection of lighthouse and dwelling at S. station. Begun last			3,552 3
Whitchead Is L.	year. Provision of apparatus Construction of a acrete break- water. Will be completed	Day labour	E. J. Geizer	3, 196-1 1, 415-6
Yarmouth Miscellaneous ex- peases.	1917-18 Ercetion of 6 dolphins Materials, etc., in connection with the establishment of		Harbour Muster	180 0 3,851 7
	buoys, etc. Travelling expenses of officials, telegrams, salaries of foremen, etc.			2,768 1
	Total expenditure for Nova Scotu			47,010 5

## NEW BRUNSWICK.

#### NEW AIDS TO NAVIGATION.

Lightstation.	Nature of the work.	How performed.	Contractor or foreman.	Expenditure during fiscal year.
				\$ cts.
Cape Tormentine	Erection of two wooden range light towers, showing catoptric light.		G. N. Breen	991 71
Marcelle point	Erection of wooden lighthouse, tower, begun last year.			100 00
	tower, begun last year. Provision and installation of a 7th order dioptric lantern.		Dominion Lighthouse	291 10
	7th order dioptric lantern. Inspection and incidental expenses.			196 08
	Purchase and survey of land		1	139 20

#### CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

Cape Speacer	Completion of the erection of fog alarm building and oil shed	Day labour	G. N. Breen	296 82
	started last year. Provision of fog alarm machinery		Depot, Prescott.	1,918 15
	Front range mast replaced by a steel skeleton tower.		G. N. Breen	432 66
Carron point	Installation of reflector		Dominion Lighthouse Depot.	73 78
	Provision of hoisting gear. Removal of range lights to mark ehanged centre line of dredged channel.			36 41 144 24
Dog rock Drews head	Erection of spindle Installation of apparatus		G N. Breen	198 98 51 44
Gannet rock	Repairs to concrete under tram- way and under high water landing.	Day labour		232 34
Grandoon flats	Outstanding accounts for labour,			137 50
Grindstone island	etc. Replacement of steam fog alarm plant by a modern oil plant. Will be completed in 1917-18			259 83
	Will be completed in 1917-18. Provision of engines		The state of the s	1,589 60
	Range lights moved to axis of new channel.			576 27
Letete	Land registration fee Provision of lens		Dominion Lighthouse	1 50 53 00
			1 Donot	21 50
Lower Fox island	Construction of groynes			23 00
	under from man			1,075 20
Marine depot St. John.	Construction of buildings, excavation of berth, etc., etc. See special report.			8,452 10
	Services of dredge		Mar. Dredging & Cons.	4,128 46
Navy island bar.	Provision of Gamewell fog bell mechanism.			780 90
Partridge Isd	Changing gas supply on hell boat from automatic to accumula- tive system.		D. J. Gallagher	275 85
	Provision of lantern		Dominion Lighthouse Depot.	1,598 66
70	Repairs to fog alarm boiler Provision and installation of a			431 00
Pea point	Provision and installation of a 25 mm. Diamond burner,	Day labour	D. J. Gallagher	121 44
01 91			•	

## 8 GEORGE V, A. 1918

#### NEW BRUNSWICK-Concluded.

Lightstation.	Nature of the work.	How performed.	Contractor or foreman.	Expenditure during fiscal year.	
				\$ ets.	
Perry point Point Lepreau	Bracing of pole light Repairs to fog alarm machinery and installation of engine.	Day labour	Lightkeeper F. J. Lewis	6 00 162 32	
Point Prangle	Construction of superstructure for bell buoy.	Contract	Union Fay and Machine Works.	175 00	
Richilgueto	Purchase of shelter shed Fairway buoy meehanism changed from ball racers to	Contract		75 00 60 10	
Spruce point	clappers. Erection of concrete boundary	44	E. B. Hanson	25 00	
St. John West	posts. Construction of passenger gang-	Day labour	G. N. Breen	771 72	
	way. Repairs to crack in fire wall, pro-			84 69	
	vision of hose reel, etc. Repairs to track at No. 7 shed Placing of red light on berth No.			$\begin{array}{c} 295 & 16 \\ 46 & 25 \end{array}$	
	16, etc. Provision of apparatus		Supplied from Dominion Lighthouse Depot, Prescott.	361 70	
	Painting and scraping waterpipes under Nos. 6 and 7 sheds.		Prescott.	74 66	
Stonehaven	Fitting up new smoke stack. Illuminating apparatus improved by the installation of a 4th order lens.	Day labour	Lightkeeper	25 00 9 00	
	Provision of apparatus	•	Supplied from Domin- ion Lighthouse Depot, Prescott.	428 71	
St. Louis Gully	Purchase of site Materials in connection with the			82 74 100 00	
penses.	establishment of buoys, etc. Travelling expenses of officials, telegrams, salaries of foremen, etc.			3,424 55	
	Total expenditure for New Bruns- wick.			28,458 19	

## PRINCE EDWARD ISLAND.

NEW AIDS TO NAVIGATION.

Port Borden	Purchase of sites	1	225 00
	Survey of same and registration		17 25
	of plans,	45 4 4 4 4	
	Provision of apparatus	Dominion Lighthouse Depot, Prescott.	179 68
	Cost of erection of towers will appear in next year's report.		

## CHANGES AND IMPROVEMENTS IN EXISTING AIDS

Brighton beach. R	reight on apparatus		d. M. Morrow G. L. Gnudin	70 00 21 00 39 96 19 11 6 00
wharl. Covehend	epairs to water pipe onstruction of movable range	Day labour.	G. L. Gaudin	10 00 36 68

## PRINCE EDWARD ISLAND-Concluded.

	PRINCE EDWAR	D ISLAND—Co	oncluded.	
Lightstation.	Nature of the work.	How performed.	Contractor or foreman,	Expenditure during fiscal year.
			-	\$ cts.
Darnley point East point	Moving range lights to new sites. Purchase of sites Preliminary expenses in connection with improvements to fog		C. Morrison	25 00
Little channel North point Summerside	alarm. Registering plan of site Registration fee in connection with purchase of site.	Day labour	D. P. McCarthy	0 75 5 00 2 10
	Repairs to light			36 00 2 50
	Total expenditure for Prince Edward Island.			
			,	
	·	EBEC.  TO NAVIGATION.		
	NEW AIDS	TO NAVIGATION.		
Anse à L'eau Little Natash-kwan,	Provision of a hand fog horn			18 58 18 84
Thunder river	"			16 19
	CHANGES AND IMPROV	EMENTS IN EXIST	ING AIDS.	
Bird rocks	Repairs to tramway	Day labour	D. Bilodenu	181 94
Cape Anguille	Preliminary expenses in connection with the erection of a			32 34
Cap au Corbean. Cape Bauld	Purchase of site, etc Installation of a boiler for fog alarm plant.			
Cape Rosier	Completion of the installation of oil engines.		E. Lavergne	900 83
Cape Salmon	Work started last year. Provision and installation of class "D" plant, and type "F" diaphone and alterations to		F. E. Cote	4,003 27
	buildings. Provision of plant and diaphone.		Lighthouse Depot,	
	Repairs to dam	Day labour Contract	D. BilodeanB. Arsenean	
Macquereau Pt Magpie bay	Purchase of site, etc Back light moved to new location, and the purchase and			9 60 70 14
Nataslıkwan point.	fencing of site.  Installation of ball bearings for the illuminating apparatus.	Day labour	Lightkeeper	24 87
Price Monument.	Purchase of site, etc			103 05 689 92
Red islet	ing, etc. Installation of a quadruple long focus reflector, Chanteloup clock and 35 mm. Diamond		F. Parent	128 23
River St. John	Increasing height of back range light.	Contract	L. Derosby	15 00

## 8 GEORGE V. A. 1918

## QUEBEC-Concluded.

Lightstation.	Nature of the work.	How performed.	Contractor or foreman.	Expenditure during fiscal year.
Thunder river  Upper traverse White isd. light-ship.	Repairs to pier Inspection, extras and incidental expenses, Provision of two Piper headlight lanterns. Construction of shelter shed Preliminary expenses in connection with installation of new boiler. Materials in connection with buoys and beacons. Expenses incurred in the several workshops, including wages, material, power, etc., the salaries of creetors, travelling expenses of officials, telegrams and general upkeep of agency, etc.	Contract Day labour	II. Bezeau	\$ cts. 1,500 00 202 00 12 00 25 00 4,389 69 63 99 525 68 39,923 95
	Total expenditure for Quebec			57,633 10

## MONTREAL DISTRICT.

## NEW AIDS TO NAVIGATION.

Cascades Erection of wooden range towers showing entoptric Expenses in connection wit acquisition of site, inspe	lights h the	P. Dore, Valleyfield, P.Q.	1,550 00 163 95
Chute à Blon-Erection of 2 day beacons.	Day labour	C, J, Hartley	152 91
deau. He aux Sables Completion of work of the	eree-	1. D. Weir	3,102 73
tion of three lighthouses. Work started last year.			

## CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

Barre à Boulard	Installation of a 22" reflector	Day labour	Crew of C.G.S. Sham-	45 00
Butiscan	with Duplex lamp, Renewal of land marks	4.6	Pept, Public Works	178 01
Berthierville	Erection of 5 day beacons	67		36.98
Cap Charles.	Legal expenses in connection with the acquisition of site.			105 70
Cap Madeleine	Erection of most for the back light.	Day labour	A. Martin	91 67
Daigneault	Provision of 2 traction headlight			21 62
Dixie	Construction of a shelter shed	Day labour	C. J. Hartly	450 01
He Grosbois	Installation of two Ham traction headlights and erection of shelter shed.		J. D. Weir	102 23
He Roude	Repairs to lantern.	1.6	A. Martin	151 35
Lake St. Peter	Repairs to concrete piers	4.4	A Martin	159 27
Luvidtrie	Erection of range pole lights showing lights from Locomo- tive headlight lanterns.		A, Martin	459 93
Pointe au Chêne	Deed of site, etc			120 50
Portneuf	Repairs.			38 17
Repentiony	Provision of apparatus		1	55 72

## MONTREAL DISTRICT-Concluded.

Lightstation.	Nature of the work.	How performed.	Contractor or foreman,	Expenditure during fiscal year.
Sorel	Repairs to pile driver	Day labour	Under direction of the superintendent of the shipward.	
	Erection of fireproof storage shed for lanterns.		smpyard,	233 91
	Repairing test room and rearranging sheds A. B. and C.			542 73
St. Antoine, Church point.	Repairs to back light		J. D. Weir	17 15
St. Emmelie	Erection of day beacons and pur- chase of sites.	=		147 82
St. Placide	Provision and installation of			91 46
St. Sulpice Course.	Legal expenses in connection with the acquisition of site.			412 80
Victoria pier, Montreal.	Erection of freight and telephone shed.	• • • • • • • • • • • • • • • • • • • •		247 97
Witch shoal	Installation of a 5th order dioptric leas.	Day labour	Lightkeeper	110 27
Montreal Agency	Repairs and fittings to boats and scows used on construction work, pay and board of men including Acetylene, Reserve, Lenore, Margot, Quebec and Sarah,		Acetylene.     102 41       Reserve.     10,922 32       Lenore.     99 12       Margot.     1,402 98       Quebec.     181 77       Sarah     564 31       Scowsand boats 1,610 58	14,883 49
Miscellaneous ex- penses.	Travelling expenses of officials, salaries of foremen, telegrams, etc.			6,926 33
	Materials in connection with the construction of buoys.			4,499 97
	Total expenditure for Montreal District			34,665 96

## ONTARIO, PRESCOTT DISTRICT. CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

Bridge island	Installation of a 7th order diop-		Dominion Lighthouse	190 10
	tric lens.		Depot.	
Burnt island	Construction of a dwelling for lightkeeper to replace one destroyed by fire.		J. J. Lindsay	2,530 97
Cobourg	Moving fog alarm building to a new position.	46	H. V. Anderson	101 52
Cole shoal	Alteration and installation of a new lantern with increased height, etc.		J. J. Lindsny	226 63
Middle channel	Erection of 3 beacons	44	J. J. Lindsay	15 44
	Construction of a breakwater		J. J. Lindsay	
	Improvement of range lights at	16	S. Nieforth	6 46
	entrance to Niagara river by the installation of long focus reflectors.			
	Provision of reflectors		Dominion L. H. Depot.	712 29
Peter rock	Rebuilding of protection pier in	44	M. J. Egan	2,063 39
	concrete and erection of an iron railing on same.			
Point Peter	Repairs to lightstation, struck by lightning.		M. J. Egan	430 41
Presqu'ile	Repairs to breakwater		M. J. Egan	326 10
Toronto, East Gap.	Labour and material in connec- tion with wiring to range lights in harbour.		Toronto Hydro Electric System.	131 69
Whithy		Day labour	M 1 Fran	206 82
Wolfe island	Repairs to lighthouse	Day labour,	Lightkeeper	49 45

## 8 GEORGE V, A. 1918

## ONTARIO, PARRY SOUND DISTRICT.

## NEW AIDS TO NAVIGATION.

Lightstation.	Nature of the work.	How performed. Contractor or foreman.		Expenditur during fiscal year			
					\$	C	ts.
Grants Tomb	Provision of hand log horn and					107	88
MacIntosh island	megaphone. Provision of Piper lantern					16	32
Point Abino	Advertising for tenders for con- struction of new lighthouse and fog alarm station.				,	313	20
Port Arthur	Erection of unwatched acetylene	Day labour	M. J. Egan		1	245	71
	pole beacon. Provision of apparatus, etc		Gas Accumulator Co. of		9	322	07
Port Maitland	Installation of a Faraday fog bell	Day labour	Canada. H. V. Anderson		1,	566	73
Port Severn	and a class "B" diaphone plant Erection of four beacons and a	66	F. Smith			86	00
	buoy.						
Teller wharf	Provision of Piper lantern Erection of two beacons		Public Works Dent			16	$\frac{32}{67}$

## CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

Battle island	Painting tower with Toxement,	Day labour	Lightkeeper		227	49
Bay point, Sarnia	Repairs to shed foundation				25	
Chribou island .	Material for repairs to boathouse				245	
Colchester reef.	Repairs to steel easing around	Day labour	M. J. Egan		161	59
Fort William	Erection of sign to warn navi-				35	00
Goderich	gators. Repairs to back range lighthouse	Day labour	M. J. Egan		142	30
Key inlet	tower. Re-erection of Lash and Germain	**	Crew of C.G.S. Lamb-		54	18
7.11	beacons.	44	ton.		23	70
Little Current.	Erection of 2 day beacons	Chalmant	M. J. Egan		270	
Livingstone channel.	Lighthouse painted by "Sta- White" paint, etc.	Coatract	Walkerville, Ont.	,	i I U	00
			Contract price, \$151.		770	00
Long point.	Erection of concrete tower com-	**	C. Mattaini Contract price, \$8,490.	0,.	110	00
Lyal island .	pleted this year. Expenses in connection with im-		Contract princ, co, 20, 200.		37	29
Lynt island .	provement to apparatus.				.,,	20
Wississari strait	Alterations to log Blarm plant	Day labour.	J. D. Young	1	894	55
are an interpretation	and installation of a type "F"					
	dinphone.				35	0.0
Notthwasaga	Purchase of site.	15 111	M. J. Dans		339	
Otter head	Construction of shelter shed				187	
Point Clark	Preliminary expenses in connec-				191	UZ
Point Porphyry	tion with repairs. Outstanding accounts				19	70
Prescott	Dominion lighthouse depot. See					, ,
Linacott	special report.					
Tobermory.	Erection of bonthouse	Day labour .	Lightkeener		68	13
	Materials, etc., in connection			1.0	612	35
Dellene.	with the establishment of					
,	buoys and beacons.					
	Travelling expenses of officers,			23,	761	88
	and expenses of temporary help,					
	erectors, etc., etc.			00.4	0.48	
	Total expenditure for Ontario in-			80,8	867	54
	cluding the maintenance and					
	operation of the Dominion					
	Lighthouse Deput, Prescott.					

#### SESSIONAL PAPER No. 21

## BRITISH COLUMBIA. NEW AIRS TO NAVIGATION.

Lightstation.	Nature of the work.	How performed.	Contractor or foreman.	Expenditure during fiscal year.
		4		\$ cts.
	Establishment of a mooring buoy		4	
Kuakume Ogden point	Erection of a day beacon Erection of an unwatched acety- lene beacon.			
Pirate point	Provision of accumulator, etc Erection of an unwatched Aga	Day labour	Crew of C.G.S. Leebro	1,087 85 1,144 44
Richards point.	beaeon. Erection of an unwatched Aga	44	ec	1.444 59
	beacon. Erection of an unwatched acety- lene beacon.		Crew of C.G.S. Estevan.	1,446 98
Tenas island Wearing point	Erection of a day beacon Erection of unwatched lighted beacon.	66 66	ες ες	66 13 2,128 06
	Changes and Improvi		ING AIDS.	
Ballenas island	Erection of a reinforced concrete		W. H. P. Trowsdale	5,520 21
	tower and the installation of a triple flash long focus reflector			
	and 35 mm. burner. Erection of a new dwelling		Don't Albana! D.C.	
Comox bar	Incidental expenses Erection of range light towers			42 25 480 69
Copper island	Outstanding accounts. Replacement of automatic bea-	Day labour	Crew of C.G.S. Estevan.	1,455 48
Danger rock	eon by an Aga beacon. Replacement of automatic bea-	"	ee	1,423 70
East narrows Egg island	eon by an Aga beacon. Construction of 3 concrete beacons Erection of oil house, tool shed and hoist engine room and		Crew of C.G.S. Leebro.	30 74 284 00
Entrance island	repairs to hoist.  Installation of Chance lamp and outstanding accounts in connection with the installation of a		Crew of C.G.S. Newing-	526 08
Estevan	diaphone. Laying of a steel track from landing to lighthouse and radiotelegraph station.	66	R. II. Nicholson	5,809 01
Five Mile point	Construction of dolphin light re- placing one carried away by		Public Works Dept	129 50
Fraser river	ice. Changing the Wigham light from Sechart to the Fraser river and installation of automatic bea-		Crew of C.G.S. Newing-	690 00
	con. Repairs to dolphia	Contract	Fraser River Pile Driving Co.	123 40
Garry point	Installation of lanterns with reflectors.			260 83
Langara	Construction of an aerial tram- way, etc.		Crew of C.G.S. Estevan	563 81
Lardo Laurel point	Erection of a pole light Removal of pole light to the	66	Public Works Dept W. H. P. Trowsdale	44 00 87 50
Nootka	extremity of the point.  Provision of 4th order illuminating apparatus.			639 05
	DIV SIDISTALUS			

#### BRITISH COLUMBIA-Concluded.

Lightstation.	. Nature of the work.	How performed.	Contractor or foreman.	Expenditure during fiscal year.
				\$ cts.
Pointer rocks	Replacement of automatic beacon by an Aga beacon.	Day labour	Crew of C.G.S. Leebro	1,514 48
Prince Rupert	Repairs to Marine depot and painting buildings at sub-		G. Wynne	1,516 44
Race rocks	ngency. Changing diaphone installation			700 00
Ragged Isd Sechart	to a larger type. Erection of a day beacon Installation of an automatic	Day labour	Crew of C.G.S. Estevan	131 88 454 44
Second narrows	beacon. Replacing beacon carried away	Contract	R. H. Woods.	50 00
Sisters rock	by ice. Provision of a set of ball bearings for Reliance clock.	Day labour	W. 11. Peter	51 88
Turtle head Victoria Agency.	Erection of a concrete beacon Erection of departmental build-		Crew of C.G.S. Estevan Messrs. Parfitt Bros.,	
	ings. Replacing settlement in filling,	Day labour	Victoria, B.C. W. L. Stamford	6,570 56
Wingdam	etc. Installation of 2 Piper lens lan-	44	Nieholson	239-94
Miscellaneous ex- penses.	terns with reflectors.  Materials, etc., in connection with the establishment of			177 02
	buoys, etc. Salaries of foremen, travelling expenses of local officers, tele- grams, etc., also labour in connection with improvements to depot.			3,539 85
	Total expenditure in British Columbia.			62,709 60

## HEADQUARTERS.

Miscellaneous expenses, including travelling expenses of officers, blueprint work, unforeseen expenses, photographic work, salaries of foremen, etc. . . . . . . \$19,048-31

## RECAPITULATION BY PROVINCES.

Nova Scotia	59
New Brunswick	3 19
Prince Edward Island 77	1.78
Quebec district	3 10
Montreal district	5 96
Ontario and Northwest	3 21
British Columbia	1 66
Headquarters	3 31
Grant total expended \$381,190	80

## APPENDIX No. 2.

#### REPORT OF THE COMMISSIONER OF LIGHTS.

The Deputy Minister
of Marine and Fisheries,
Ottawa.

Sir,—I have the honour to submit the fourteenth annual report of this branch. The principal work performed has been an extension of the buoy and heacon services, together with the maintenance of lights and other aids to navigation throughout the Dominion, and the maintenance and inspection of public wharves under the control of the Department of Marine and Fisheries. The operations of this branch are set forth in tabular form in the following two inclosures, namely:—

Inclosure No. 1.—Statement, by districts, showing the number of lights of the several orders, gas beacons, lightships, lightboats, lightkeepers, fog signals, gas and signal buoys, submarine bells, lighted spar buoys, floats and dolphins, unlighted buoys, stakes, bushes, dolphins, spindles and heacons maintained during the fiscal year ended 31st March, 1917.

Inclosure No. 2.—Statement, by localities, giving the number of unlighted bueys, stakes, bushes, dolphius, spindles and beacons maintained during the fiscal year ended 31st March, 1917.

In former reports it had been my habit to add further inclosures giving the names of lighstations and lightkeepers; a complete list of stations at which gas buoys were maintained; new establishments of gas and signal buoys; withdrawals; and a statement giving complete list of stations at which submarine bells were maintained. As this information is already contained in other government publications it is not repeated here.

In conclusion I desire to express and record my appreciation of the able assistance rendered by my staff, and the untiring application to duty exhibited by each member. It would not have been possible to carry out the large and increasing amount of work which devolves upon this branch without the co-operation of all the officers connected with it.

I have the honour to be, sir,

Your obedient servant,

J. G. MACPHAIL.

Commissioner.

Office of the Commissioner of Lights,
Department of Marine and Fisheries,
Ottawa, March 31, 1917.

## 8 GEORGE V, A. 1918

INCLOSURE No. 1.—Statement, by districts, showing the number of lights of the several orders, lightships, lightboats, lightkeepers, fog signals, buoys, submarine bells, etc.

	1st order lights	2nd order lights.	3rd order lights.	4th order lights.	5th order lights.	order lights.	order lights.	Gas beacons.	Pressed lens lights & other minor types.	Catoptric lights.	Electric lights.	Total.	Lightships.	Lightbouts.	Lightkeepors.	Diaphones.	Fog horns and trumpets.
New Brunswick. Nova Scotia. Prince Edward Island. Quebec Hudson Bay and Strait. Montreal Prescott. Parry Sound. Kenora. Manitoba. British Columbia	1	5 1	15	15 22 10 17 22 12	14 28 2 6  11 5 14  8	19 32 2 17 6 15	8 38 18 19 51 3 4 18	1 10 6 21 26 	17 27 4 18 34 34 34 34 11	34 76 51 86 146 7 63 2 5 7	4 13 1 10 3 3 20 2 1 16	178 313 83 228 10 233 88 258 258 142	3 2 3 4 5 2 5 1 7 1		149 290 52 179 164 49 147 6 10 80	14 222 1 21 10 21	2 1 1 1 1 6
	Fog whistles.	Sirans.	Fog bells.	Hand fog horns.	Total for signals	Pog signal	Gas buoys.	Gus nnd	Gas and Bell buoys.	Whistling buoys.	Bell buoys.	Total gas and signal buoys.	Submarine bells.	Lighted spar baoys, floats and dolphins.	Unlighted buoys.	Stakes and bushes.	Unlighted dol- phins, spindles and beacons.
New Brunswick	1 4	1	3 5 12	18 57 2 24  7 36	3	10 92 5 5 92 0 66 	1 6	5 2 1 3	5	9 16 4 1	1 2 2	15 74 87 38 50	5 1	1 134 38	\$60 1,478 397 256 524 246 488 336 25 227	1,427 139 305 125 170 111 28	42
Total	11	2	32	156	3 3	_	3 24				87		22				

ENCLOSURE No. 2.—Statement, by localities, giving the number of unlighted buoys, stakes, bushes, dolphins, spindles and beacons maintained throughout the Dominion during the fiscal year ended 31st March, 1917.

#### NEW BRUNSWICK DISTRICT.

Locality and number of stakes, etc.	No. o Buoy
douane, 42 bushes	
ma	
ie du Vin, 8 bushes	
aie Verte and Port Elgin, 30 stakes	
artibog, 12 bushesthurst	29
ack Brook Miramichi river	
ack Brook, Miramichi river netouehe, 34 stakes	2
netouehe river, 260 bushes	
unpobello	10
raquet	[ 16
raquet to Mizzenette	
nance harbour	
ocagne, 30 stakes	11
alhousie and Restigouche	10
ipper harbour	
pper management of the property of the propert	3
orchester rande Anse	39
rande Digue, 30 stakes	
rand lake bushes	32
rand Manan, 1 spindle. randoon ehannel, Miramichi river	29
randoon ehannel, Miramichi river	20
assy island, 18 stakes	
reat Shemogue	
atfield point, bushesuekleberry gully, 28 bushes	
dian noint har channel 10 bushes	
onehibouguae and Black Lands gully, 150 bushes	14
etete, L'Etang and Bliss harbour	14
ttle Shemogue, 2 polesttle Shippigan	
ttle Shippigan	4
agaguadavieaquapit and French lakes, 57 stakes	
iramiehi bay and river, bushes.	35
iramiehi bay and river, bushes iramiehi river, northwest branch	
iramiehi river, southwest branch	
iramiehi river, southwest branch iscou	
usquash	
apan river, 24 stakes	
eguae	19
tit Rocher.	
ichibucto	
ichibucto, Rexton and Browns yard	
Andrews, 3 stakes.	
. Charles river, 50 stakes.	
John river, 154 stakes	
. Louis, 70 bushes	9
Louis river, 54 bushes and stakes	::: .  •
. Simon bay, 15 bushes. Jinon river, bushing.	13
otchtown	
nampers wharf, 15 bushes	
nodine	16
nippigan, 27 pickets, 30 stakes, 1 beacon abusintac	27
abusintac	20
ragadie north gully 100 bushes	1 1:
raeadie, south gully, 30 bushes	
ynemouth ereek	
ashademoak, 144 bushes	

## 8 GEORGE V, A. 1918

STATEMENT, by localities, giving the number of unlighted buoys, etc.—Con.

## NEW BRUNSWICK DISTRICT-Concluded.

Locality and number of stakes, etc.										No. Buo			
laintained by agency— Bell buoys.													2
Conical and can buoys										 		 	1
Spar buoys Spindles and day mar	ks											 	3

## NOVA SCOTIA DISTRICT.

Advocate harbour
Amherst basiu.
Apple river
Apple river
Argyle river and sound
Arichat. Barrington, 11 dolphins Bear river Beaver harbour.
Sarrington, II dolphins
Sear river
Beaver harbour.
Seaver narrows, C. B
Beaver narrows, C. B
SIPCRION
Standiord
oriagewater
BruleCalf island bayCanso and St. Andrews passage, 20 winter buoys
all Island Day.
Danso and St. Andrews passage, 20 winter buoys.
Cape Negro and Northeast harbour
Caribou
Chester and Gold river
Cheticamp
Chezzeteook and Petpeswick.
Clarks harbour
Clarks harbour
ockerwitt pass
Coddle harbour
Cooks cove (Toby cove)
rooked channel'row harbour
Denny river D'Escousse and Lennox passage
Denny river Denny
Dover
Sast Days Dras d Or
ast Dott.
Fourchu harbour .
Presport, 1 beneon
jegoggin
Gillies point, Boulaceet
Flace bay
Joose bny, 35 stakes.
Grand Elang
Great Bras d'Or
Juvaborough
Inditants bay.
larrigan cove
Invre Bouche, 6 stakes
ndian harbour
ngonish, South bay
sage harbour, 9 winter buoys
eddore, winter buoys
ohnson harbour
onnson narbour Ketch harbour
er 1 4111 1 1
ahave
arry river, 7 stakes
ireamh

STATEMENT, by localities, giving the number of unlighted buoys, etc.—Con.

## NOVA SCOTIA DISTRICT-Continued.

Locality and number of stakes, etc.	No. of Buoys.
Little Proc d'On	
Little Bras d'Or. Little Dover.	12
Little Liscomb.	9 4
Little Narrows.	10
Liverpool	8
Lockeport	9
Louisburg, 6 winter buoys. Lunenburg	8 8
Lunenburg, back eove.	8 9
Lunenburg, middle south, 6 winter buoys	16
Malou, stakes	20
Mahone bay	9
Mainadieu	5 5
Margaree harbour, 7 stakes	$\frac{5}{2}$
Marie Joseph, 11 winter buoys	16
Martins brook	6
Mc Kinnon harbour	
McNab cove:	6 2 4
MeVarish shoal and Campbell point, Bras d'Or. Merigomish, bushes.	4
Monsellier, 4 stakes	6
Musquodoboit	14
Neil harbour.	Î
Northport	12
Orangedale	3
Parrsboro Pennant harbour	6 9
Petitdegrat, 6 winter buoys	18
Pope harbour	3
Port Bickerton, 3 winter buoys.	5
Port Felix, 1 stake	11
Port Hood, 2 winter buoys. Port l'Hebert.	5 13
Port Latour.	16
Port Medway	4
Port Morien	1
Port Mouton.	9
Pringle harbour Prospect, lower	2
Prospect, lower	10
Pubnico	21
Pugwash	
River Bourgeois.	8
River John, stakes	3
River Phillip	6
Roseway	6 5
St. Anu	12
St. Margaret bay	5
St. Mary river, winter buoys	11
St. Mary river to Sherbrooke, St. Peter bay, 4 winter buoys.	18
St. Peter inlet	16 12
Sambro	16
Shad bay	8
Shag harbour.	17
Sheet harbour, 5 winter buoys	9 5
Ship harbour (lower), 6 winter buoys.	5 11
Ship rock, strait of Canso	1
Shulee	8
Smith island, West hav	1
Soder Island to Leum Secum	22
Spry bay	4
Sydney inner harbour	22 4 1 2 3 7
	3
Tangier, 7 winter buoys	7

## 8 GEORGE V, A, 1918

STATEMENT, by localities, giving the number of unlighted buoys, etc.—Con.

## NOVA SCOTIA DISTRICT-Concluded.

	Locality and number of stakes, etc.		B
Tatamagouche, 46 stakes		 	
Terence bay			
Three Fathom harbour		 	i
Fidnish, stakes		 	
for bay			
Tusket Wedge, 3 spindles			
oglers cove			
Vallace, 33 stakes	the state of the s		
Valton harbour	the second secon		
Vashaback river			
est bay			
Vest Chezzeteook			
Vest Dublin			
eymouth			
Yhitehaven, 5 winter buoys.			
hycocomagh			
armouth, 44 dolphins			
laintained by agency-			
Bell buoys			
Whistling buoys		1	
Conical and can buoys .	and the second s		
Spar buoys		1	

## PRINCE EDWARD ISLAND DISTRICT.

Bay Fortune	the second second second second	1
Beach point		
Belle river		
Brae harbour		
Brudenell river	•	
Cardigan, lower, 2 winter bunys		
ardigan, upper		1
Cascumpeque, 13 stakes .		
lovehead		1 .
rapaud, stakes		
east river, stakes and bushes		
Egmont bay, north, 19 stakes		
igmont bny, south, 13 stakes .	A CONTRACTOR OF THE CONTRACTOR	
Georgetown	and the same of th	
Goose and Palmer harbours		
Grand river, 1 beaeon, bushes		
Grand Tracadie.		
ittle ehannel		
Malpeque		
liminegash		
Montague, 10 stakes		
Jurray harbour and rivers, 25 stakes.		
New London, 30 stakes		
North river, 14 stakes		
Drwell and Vernon river, 36 bushes, 3 beacons		4
finette, 24 bushes .		
Port Hitl		
Pownal, 10 stakes .		
Rollo bay		
Rustico, 30 stnkes		
t. Peter harbour, 6 stakes		1
avage barbour.		
Souris		
ummer ide, 10 stakes		-
lest point		
Vest river, 65 stakes		
lood i lands		
laintained by agency		
Bell buoys.		
Whistling buoys		
Conical and can buoys		
Winter spar buoys		
Barrel buoy		

## SESSIONAL PAPER No. 21

STATEMENT, by localities, giving the number of unlighted buoys, etc.—Con.

#### QUEBEC DISTRICT.

Locality and number of stakes, ctc.	No. o
	Buoys
Amherst harbour, Magdalen islands	9
Anse any Gaseons.  Barachois de Malbaie	1
Beaudry shoal, Gaspe basin	1 1 3
Bonaventure. Cap Chat. Cape Cove.	11 1
Carleton point	1 1
Echourie rock (Serpent reef)	1 1 1 1 1 7 - 1 6
Fox river	- 1 6 17
Grand Entry, Magdalen islands. Gros-cap-aux-Os House harbour, Magdalen islands.	1 11
Lake St. John.	14 7
Lake St. John, Mistassini river, 60 bushes.  Lake St. John, Peribonka river and Roberval, 35 bushes.  Little river east.	12 16
Little river east. Little river west. Maria	1 1 2 2 4 3 2 1 1 1 2
Matane Natashkwan	2 4
New Richmond	3 2
Pontecost	1 2
Percé Point St. Peter. Port Daniel.	1
Portneuf-en-bas. Restigouche river. Ste. Anne river.	9 12 1
St. Godfroy	1 4
St. Thomas de Montmagny.  Saguenay river, vicinity of Chicoutimi.  Maintained by agency—	8 33
Conical and can buoys	31 1
Steel winter spar buoys. Beacons.	10 42
MONTREAL DISTRICT.	
Lake Memphramagog Richelieu rapids, bushes Richelieu river, above St. John Richelieu river, Sorel to Chambly Riviere des Prairies	27 37 11
St. François river, 80 balises, 12 day beacons.  St. Maurice river, Grandes Piles to Latuque, 106 day beacons.  Yamachiche river, 30 balises, 4 day beacons.  Yamaska river, 60 balises, 6 day beacons.	74
Maintained by agency— Conical and can booys. Spar buoys Taper buoys.	$     \begin{array}{r}       54 \\       316 \\       4   \end{array} $

## 8 GEORGE V, A. 1918

STATEMENT, by localities, giving the number of unlighted buoys, etc.—Con.

#### PRESCOTT DISTRICT.

Locality :	and number of s	stakes, etc.		No. o Buoys
ake Couchiching and narrows, 11 bush ake Simeoe resqu'ile bay frent canal (number of buoys maintaine				8 5 17
Jaintained by Agency— Bell buoys Conical, can, spherical buoys Spar buoys Beacons			 	1 21 194

## PARRY SOUND DISTRICT.

Slind river		
Burke shoal, lake Superior		
ache bay, lake Nipissing, 8 stakes		
lapperton channel, I beacon		
Detroit river		
oderich rand reef, lake Superior		
rand reef, lake Superior	grade the second	
taministikwia river, nort wimain, iake aupei	HOF	
ake Superior, southeastern part		
ittle Current		
lichipicoten		
lud lake, river St. Mary, 2 beacons		
lutton island, lake Superior	4.4	
embroke		
enetanguishene		
ointe au Baril, 15 beacons		
ort Arthur		
ort Rowan.		
liver Thames		
londeau .		
t. Clair river, Chenal Ecarte		
t. Joseph channel, lake Huron, 1 beacon, 5 wii	nter buoys	
ilver islet, lake Superior		
outhampton		
outh Baymouth		
tokes bay.		
turgeon river, 20 stakes		
ictoria island, lake Superior		
aubaushene		
laintnined by Agency—		
Bell buoys.		
Conical buoys .		
Spar buoys .		

#### KENORA DISTRICT.

Maintained by Agency			336
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#### MANITOBA DISTRICT.

Black river Red river		6 7
Warrens landing		12

STATEMENT, by localities, giving the number of unlighted buoys, etc.—Con.

## BRITISH COLUMBIA DISTRICT.

Locality and number of stakes, etc.			
rrow lakes, upper and lower	16		
oal harbour	7		
raser river	30		
ootenay lake, northwest arm itt river. outh Thompson river, 4 day beacons.	11		
itt river	9		
outh Thompson river 4 day beacops	18		
aintained by Agency—			
Ball buoya			
Bell buoys Whistling buoys			
Whisting buoys.	11 6		
Conteal and can buoys	01		
Platform buoys	27		
Conical and can buoys. Platform buoys. Spar buoys.	53		
Day beacons	.   109		

## APPENDIX No. 3.

## RIVER ST. LAWRENCE SHIP CANAL.

#### REPORT OF SUPERINTENDENT.

OTTAWA, July 25, 1917.

The Deputy Minister of Marine, Ottawa, Ont.

Suc.—I have the honour to present the following annual report on the operations for the improvements of the River St. Lawrence Ship Channel and Signal Service, during the fiscal year ending March 31, 1917, also on the ice-breaking operations during the winter of 1916-1917.

I have the honour to be, sir,

Yours obediently,

V. W. FORNERET, B.A.Sc., Superintending Engineer.

HISTORY OF THE RIVER ST. LAWRENCE SHIP CHANNEL.

MONTREAL TO QUEBRC.

The St. Lawrence, owing to its situation, is the natural route from the Atlantic to the northern and northwestern half of the North American continent. The possibility of converting Montreal into a deep-water scaport was first suggested in the year 1825, when the Lachine canal was completed and connected Montreal with the Great Lakes, establishing the route commercially.

Light-draught sailing vessels could then reach Montreal without trouble, except during a few weeks in the autumn, when they resorted to lightering. Surveys were made with the object of increasing the depth of water in the waterway. After these were completed, the question of which channel to adopt through lake St. Peter was hotly discussed, some favouring the "natural," or old ship channel, and others the "straight channel" through the St. Francis bank. Finally, it was decided to proceed with the work of deepening the "straight channel," the aim being to obtain a channel 150 feet in width and to a depth of 14 feet at the lowest water, instead of only 10 feet 6 inches, at lowest water, as existed in the old ship channel which governed the available depth for navigation between Quebec and Montreal.

The "Board of Works" of Canada was entrusted with the task and began operations in the spring of 1841 and continued till the month of June, 1846, when the work was suspended; the management was changed, and the execution of the work transferred from the Board of Works to the control of the Commissioners of Public Works. The dredging was again resumed in the month of September of the same year. Owing to continued opposition, the work of cutting the "straight channel" was finally suspended on the 16th of Septembe, 1847, and subsequently abandoned. After over sixty years it is now considered that the "straight channel," as companied, would have been preferable. Nothing more was done on lake St. Peter by

the Commissioners of Public Works for three years. The Harbour Commissioners of Montreal then came forward and offered to complete the project expeditiously and economically. The proposal was accepted and an act was passed in August, 1850, transferring the work of improving the ship channel from the Commissioners of Public Works to the Harbour Commissioners of Montreal, who were empowered to charge a tonnage duty sufficient to pay 8 per cent interest upon the outlay with a 2 per cent contribution to the sinking fund.

16-foot Channel.—The Harbour Commissioners, after examination and the best advice obtainable, adopted the present channel with five tangents instead of two long straight courses, as at first commenced in the "straight channel." Operations were begun in June, 1851, to dredge this channel to 16 feet at low water. Most of the dredging required to attain this depth was in lake St. Peter, but some small shoals had to be removed at île Delorier and Lavaltrie channel, and after steady work it was all completed in 1854 to a depth of 16½ feet at low water and with a width of from 250 to 300 feet.

20-foot Channel.—The work of deepening the channel to attain a depth of 20 feet at low water with a width of 300 feet was continued by the Harbour Commissioners and accomplished in November, 1865. Dredging was necessary at pointe aux Trembles (en-haut) channel and lake St. Peter to obtain this depth. Several obstructions had also to be removed in order to maintain a more direct channel between cap St. Michel and Lavaltrie, and in Lavaltrie channel. The "South" or "Vercheres" channel had been selected for improvement instead of the old channel or "north channel" by way of Repentigny and St. Sulpice.

The operations of 1866-1869 were of limited extent, and consisted chiefly in cleaning up and improving the 20-foot channel which was obtained in 1865.

The completion of the 20-foot channel marked an important era in the history of the St. Lawrence route. The success of the work amply demonstrated that the St. Lawrence could be made available up to Montreal for navigation by the largest class of ocean merchant ships, and the extraordinary increase of Canadian commerce that attended the improvement of the channel, showed how imperatively it was demanded by the trade of Canada. No sooner was the new channel fairly in use than the rapid increase of ocean traffic suggested a further deepening, and a vigorous agitation was commenced for a 24-foot channel at low water.

25-foot Channel.—It was then resolved to deepen the channel to 25 feet, which was accomplished in the fall of 1882. A new channel on the south side of the river, opposite Contreceour, and parallel to the Lavaltrie channel, was adopted for this channel, as it was wide and deep and required very little dredging. It was called the Contreceour channel. This gave a clear depth of 25 feet at low water at all points above cap à la Roche, but at that point and cap Charles an average tide was necessary to pass with the full depth available elsewhere. In the straight parts of the channel the minimum width was 300 feet and at the bends 325 to 450 feet.

27½-foot Channel.—Owing to the growth of trade, it was seen that still further improvement of the channel was required, and the Harbour Commissioners of Montreal obtained permission, by an Order-in-Council passed the 14th of June, 1883, to proceed with a further deepening, to 27½ feet at low water. The work was vigorously pushed forward, and by 1888, the channel was completed to this depth, from Montreal to capa-la-Roche a distance of 107½ miles, from which point to Quebec the tide was necessary to obtain that depth. The channel was 300 feet wide in the straight portions, and 450 feet at the bends.

At this juncture the Federal Government, realizing that the tonnage charges upon the ship channel were detrimental to the mercantile expansion of Montreal, passed an Act in 1888, making the ship channel a national and not a local work, and relieved the Harbour Commissioners of their indebtedness with respect to the ship channel and transferred the work, plant, etc., to the Department of Public Works.

The tonnage dues were abolished accordingly, so that since the work came under Federal control, the river St. Lawrence Ship Channel has been free to commerce of the world.

The Harbour Commissioners carried on the operations for the Department of Public Works till the end of the season of 1888, when the official connection of the Commissioners with the ship channel ceased, after having continued for over 38 years.

In January, 1889, the control and management of the work was assumed by the Department of Public Works. During the winter, extensive repairs were made to the dredging plant, which, on the opening of navigation, was set to work at cap-à-la-Roche, Poullier Rayer and cap Charles, in deepening the channel at these points to 27½ feet at low water, spring tides.

From this date to 1898, the Department of Public Works continued operations, and completed the difficult rock work at cap à la Roche and cap Charles to 27½ feet at low water. In addition many portions of the channel were cleaned up, straightened, and several curves and narrow places widened. Surveys were made and channels were dredged through several shoals between cap Charles and Quebec to avoid the necessity of waiting for the tide.

30-foot Channel.—The unusually low water of 1895 and 1897, and the increased size of vessels, urgently called for a wider and deeper channel, and larger and more powerful dredges and plant were required.

In 1899 the dredging plant was in a condition to warrant a more extensive plan of operations.

The low water of 1897, the lowest on record, except the short period of unusually low water of 1895, was adopted as the new datum for the 30-foot channel, and is nearly 1½ to 2 feet lower than the ordinary low water plane of the 27½-foot channel. The object, therefore, was to realize in the shortest possible time, a channel 450 feet wide on the tangents and from 500 to 750 feet wide at the curves. An anchorage 800 feet wide was also to be provided at White Buoy curve in lake St. Peter. The work also included much straightening of the channel.

The ship channel continued under the control of the Department of Public Works until 1901, when an Order in Council was passed on March 11, transferring the management and control of the River St. Lawrence Ship Channel, together with the dredging and ship-building plant to the Department of Marine and Fisheries, so as to place the supervision of the improvements to navigation on the St. Lawrence route under the department directly responsible for the pilotage and aids to navigation.

Under this department the work was vigourously continued, so that the season of 1907 saw the completion of the channel from Montreal to Batiscan to 30 feet depth at the extreme low water of 1897, a distance of 101 miles. From that point to Quebee the tide could be used to obtain the same depth. There still remained to be done however, some widening in lake St. Peter. By the end of the season of 1910, the dredging was all completed to 30 feet to the head of cap à la Roche curve, six miles below Batiscan, including all the widening between Montreal and that point. The completion of this work allowed more dredges to be placed in the cap à la Roche district, where the dredging operations are the most difficult, the current being strong and the material to be removed mostly hard shale rock.

The dredging operations were then carried on with renewed energy, and considering the difficulty of working in this locality, good progress was made. Cap Charles channel has been completed to 30 feet at E.L.W. and widened from 300 to 450 feet and from 500 to 600 feet at the curve at the lower end of the channel. Grondines channel has also been completed to 30 feet at E.L.W. of 1897, and widened from 300

to 450 feet. New range lights were constructed to mark the new centre of the two channels and the buoys moved to give the extra width.

There still remains a short distance to be deepened to 30 feet at cap à la Roche curve, the progress here being very slow owing to the extreme hardness of rock to be removed and to strong current. The widening of this channel from 300 to 450 and 550 feet is very nearly completed.

The only place that now requires dredging to obtain 30 feet between eap à la Roche and Quebec is at St. Augustin bar, 14 miles above the latter place. Advantage must be taken of the tide, by deep-draught vessels, to pass this place, the range of tide being 16½ feet at springs and 11 feet at neaps.

35-foot Channel.—In 1910 the question of further deepening the channel was considered, as the size of the vessels coming up the St. Lawrence was increasing so rapidly that they would likely find the 30-foot channel not deep enough for their requirements. The Government, therefore, resolved to proceed immediately with the deepening of the ship channel to 35 feet at the extreme low water of 1897, and in 1910 this work was started on lake St. Peter.

Owing to the undulating character of the river-bed, dredging is not required throughout the whole length of the channel between Montreal and Quebee. At some points the natural depth is more than sufficient to secure 35 feet at extreme low water. Out of a total distance of 160 miles, 82.24 miles will have to be dredged to obtain 35 feet at E.L.W.

At the end of the season of 1916 good progress had been made on this work; 36.52 miles had been dredged to 35 feet, leaving 45.72 miles yet to be done.

#### SHIP CHANNEL BELOW QUEBEC.

In the spring of 1901 the shipping interests of Montreal brought to the attention of the Honourable the Minister of Public Works the fact, that deep-draught vessels had to wait for the tide to pass St. Thomas and Crane Island shoals, which caused these vessels to lose a great deal of valuable time. The officers of the Marine and Fisheries Department at Quebec, who had an intimate knowledge of this part of the river, strongly recommended improving the north channel, commencing below the island of Orleans, as being much better, more easily navigated, and having less ice in winter than the south channel. Orders were given to the ship channel staff which was then under the Department of Public Works to make a survey and examination of the north channel with a view to reporting on the practicability and cost of improving that route and adopting it for navigation.

In 1902 a similar survey was made of the south channel, to ascertain what improvements would be required to make a 30-foot channel on the line of the existing route.

A comprehensive report was made on February 24, 1903, by Mr. F. W. Cowie, C.E., who was then superintending engineer, to the acting chief engineer of the Public Works Department, on the question of the proposed improvements below Quebec.

The report did not recommend the adoption of either route, but advised that the choice should meet with the approval of the underwriters, the shipping interests, and the pilots.

The Transportation Commission visited the locality, going over each channel, and took evidence on the subject. It was finally decided to improve the south channel by dredging it to 30 feet at extreme low tide and to a width of 1,000 feet.

The parliamentary appropriation, to enable the commencement of improving the south channel below Quebec, became available only late in the autumn of 1905. The ship channel dredging operations had been transferred to the Department of Marine and Fisheries in 1904. Arrangements were made to have a powerful steel twin-serew

hopper hydraulic dredge, constructed at the government shippard at Sorel. It was estimated that it would take a year and a half to build and equip this powerful machine, which was carefully designed for that special work.

In March, 1906, the Department of Marine and Fisheries received very strong representations that these improvements could not be delayed, and that to wait till 1907 to make a commencement would seriously menace the proposed plans for a largely improved steamship service. The nature of the work below Quebec, the exposed position, want of shelter, etc., made the ordinary American type of dredge out of the question.

The self-propelling sea-going hopper type, as almost altogether used in Great Britain being required, inquiries were made from the dredge builders in Great Britain and shipping agents for a dredge immediately available for this work.

The builders had none on hand, and the only suitable ones offered were in Australia and South Africa. Messrs. Ferguson Bros., one of the largest firms building dredging and harbour plant, wrote stating that there was not a hopper dredger of the capacity mentioned to be bought in England. Messrs. Simons & Company, also large and successful dredge builders wrote that all their large dredges were fully employed, and they did not think there was a possibility at that time of procuring a second-hand hopper dredger either hydraulic or bucket ladder type.

A Dutch pump dredge, at New Orleans, was offered by Messrs. II. E. Moss & Company of Liverpool, England, for £34,000. The price being very reasonable, and on authority of Council, the minister ordered an examination with a view to purchase. The only objection to this dredge was that it had no cutter and was therefore not suitable for dredging anything but sand or soft silt. After examination it was decided to purchase it, as Messrs. Moss & Co., had reduced their offer to £30,000.

The dredge was purchased on April 20, 1906, at that price, or \$146,000 with interest to date of payment. The vessel was docked and made ready for the long voyage and all expenses of repairs, wages, provisions, stores, etc., until the dredge reached Quebec, amounted to \$10,942.14 and \$4,574.17 insurance.

The dredge Galveston arrived at Quebec from New Orleans under her own steam, having been twenty-nine days on the voyage. She continued up to Sorel to be thoroughly overhauled and fitted out, additional quarters for the crew being also provided.

South Channel (30 feet at E.L.W.).—The Government having decided to first improve the south channel, preparations were made to start the work. The project had in view a channel 30-feet in depth, at extreme low tide at Beaujeu bank and St. Thomas' flats, with a width of 1,000 feet.

The changes and improvements on the dredge Galreston being completed, she left Sorel for Beaujeu bank, off Crane island on August 11, 1906, and began operations on August 13, the material consisting of coarse sand and gravel with some layers of soft blue clay. The new hopper hydraulic dredge Beaujeu was launched at the government shippard at Sorel on December 2, 1906, and completed on November 1, 1907. She was then taken down to commence operations on the channel through St. Thomas flats, the material to be dredged being soft clay, sand and some stones.

With these two powerful dredges, good progress was made with the work. The Beaujeu bank channel was completed in 1909 to 30-feet at extreme low tide and the wide ning finished in 1910. The channel was then opened to navigation.

The St. Thomas channel was completed to a depth of 30 feet at extreme low tide and to a width of 1,000 feet during the season of 1912. The channel was then marked out with gas buoys and opened to navigation. This was considered a great improvement, as deep-draught vessels were not obliged to anchor to wait for the tide to pass Beaujeau bank or St. Thomas Ilats, thereby saving much valuable time.

North Channel (35 feet at E.L.T.).—The south channel being now completed, the powerful hydraulic dredge No. 8 (Beaujeu) was enabled to be placed at work on the north channel where dredge No. 9 (Galveston) had already been operating for a season, as the Government had decided to dredge the north channel between St. Jean, island of Orleans, and Goose cape, to a depth of 35 feet at extreme low tide, and to a width of 1,000 feet.

The two powerful sea-going hydraulic dredges No. 8 and No. 9 have since then been at work in that channel, the material to be dredged being sand and gravel.

Although these two dredges have made good progress, there still remained at the end of the season of 1916, 5,082,505 cubic yards to be removed.

Owing to requests made by the shipping interests to complete the channel as soon as possible, the Government gave a contract, on the 27th of October, 1914, to the Canadian Vickers Limited, of Montreal, to build one of the largest sea-going elevator dredges in the world; delivery was promised for July 31, 1916. In December, 1914, the Messrs. Vickers applied to the department for an extension of time, owing to their plant in Montreal being taken over by the Imperial Government for Admiralty work. Their application was granted. On completion of this work the construction of the dredge was commenced. The dredge was launched on the 18th of November, 1916, and the builders expect to deliver it completed during next summer.

With this addition to the dredging fleet below Quebec, the completion of the north channel will be bastened.

RIVER ST. LAWRENCE SHIP CHANNEL BETWEEN MONTREAL AND FATHER POINT—ACCIDENTS DURING SEASON 1916.

#### MONTREAL TO QUEBEC.

Steamer Haulwen.—June 4. Transport, ontward bound, went aground outside of channel between buoys 175M and 173M, Montreal harbour. Was refloated.

Steam barge W. B. Morley.—June 17. Grounded outside channel near Plum island. Was refloated.

Steamer Hochelaga.—July 19. Dominion Coal Company, bound for Sydney, N.S. Collided with steamboat Etoile off Portneuf (en-haut). The latter vessel was beached, and after temporary repairs were made she floated off at high tide and proceeded to Quebec for permanent repairs. The Hochelaga was not damaged.

Steam barge Fordonian:—August 4. Grounded outside channel at the entrance of lake St. Peter. Was pulled off. No damage.

Steamer Haulwen.—August 12. Transport.' Grounded near St. Croix bar. Was refloated. No damage.

Tug Chambly.—October 4. Belonging to ship channel fleet, attending dredge No. 2 at cap à la Roche. Collided with the dredge and sank in the channel. No lives lost. The tug was immediately raised and towed to the Government shippard at Sorel for repairs.

Steamer St. Winifred.—November 18. Grounded a little above Batiscan while turning to anchor. Was refloated and proceeded on.

Steamer Hungerford.—November 19 grounded seven miles below Three Rivers, was refloated and proceeded on.

Steamer Jason.—November 22 went aground when entering the Channel to Vickers drydock basin Montreal harbour. Due to manoeuvring. Was pulled off.

Most of the accidents mentioned above are of a minor nature, and none can be attributed to any fault of the ship channel.

#### QUEBEC TO FATHER POINT.

Steamer Solbakken.—October 4. Norwegian, inward bound collided with Admiralty transport Valetta off White island. No damage done.

Steam barge, Iroquois.—October 27. Canada Steamships Line, outward bound went ashore on Hare island. Was refloated.

None of the above accidents which occurred between Quebec and Father point can be attributed to the ship channel.

#### MARINE SIGNAL SERVICE.

Signal stations have been established for the purpose of maintaining communication between ship and shore by means of flag signals.

This system of stations extends from St. John, N.B., Halifax, N.S., Cape Race, N'fld., and Belle Isle, up the gulf and river St. Lawrence, and through the Great Lakes to Sault Ste. Marie, Ont.

Following is a complete list of stations:-

#### EAST OF QUEBEC.

Name of Station.	Location.	Nautical Miles from Quebec.	Means of Communication.
R Quebec X St. Jean d'Orleans . Cranc Island . L'Islet	Custom House Shore end of wharf Lighthouse. 100 yards east of church	0 14 32 40	Telephone. " " Telegraph.
Cape Salmon Riviere du Loup Father Point Little Metis Matane	Lighthouse Shore and of wharf Lighthouse	81 92 157 175 200	Telegraph
Pointe des Monts Cap Chat Riviere a la Martre Cape Magdalen Fame Point	44 44 44	219 234 260 291 325	66 66 66
Cap des Rosiers. Cape d'Espoir Point Maquereau West Point, Anticosti		349 377 400 332 360	44 64 64 46
Southwest Point, Anticosti South Point, Anticosti Heath Point, Anticosti Point Escuminae, N.B Amherst Island, Magdalen Islands	0 0 0	415 438 462 481	64
St. Paul Island, C.B., Money Point, C.B., N.S Flat Point, N.S Cape Ray, Nfld Cape Race, Nfld	Main station Lighthouse	540 537 575 533 826	Telegraph.
Point Amour Belle Isle Camperdown, N.S Halilax, N.S	Near Wireless Station The Citadel	673 734	Wireless-Telegraph. Telephone.
Brier Island, N.S Point Lepreaux, N.B. Partridge Island, N.B. St. John, N.B. Point Tupper, C.B., N.S.	Near Lighthouse Lighthouse  Custom House Lighthouse (Cut of Canso)		44

#### WEST OF QUEBEC.

Name of Station.	· Location.	Nautical Miles from Quebec.	Means of Communication.
Bridge Station	t mile above new railway		
Dinge Edition.	bridge on south shore	6	Telephone.
St. Nieholas		12	1 crops out of
Portneuf		31	66
Grondines		41	
St. Jean Deschaillons		45	44
Pointe Citrouille	Lighthouse	55	**
Three Rivers	Upper end of Government		
	wharf	68	4.0
Sorel	Lower end of Government		
	wharf	100	**
Bellmouth	About 500 feet east of Contre-		
	eoenr lower range light	110	14
Cap St. Michel	On extreme point of cap St.	125	66
•	Michel.		
Longue Point	Point between wharves	134	44
R Montreal	La Sauvegarde Bldg., 92 Notre		
	Dame St. (E.)	139	ν

#### WEST OF MONTREAL.

		Nautical Miles from Montreal.	
R Lachine Canal	Lock No. 2.	0	Telephone.
R "	Lachine	8	
R Soulanges Canal		21	**
	Coteau Landing		4.0
R Cornwall Canal	Cornwall	62	34
R "	Diekinson's Landing	72	
R Galops Canal	Lift Loek	99	Telegraph,
R Welland Canal	Port Dalhousie		in the second
	Port Colborne	321	44
R Soo Canal			64

Stations marked thus "R" are reporting stations only and are not equipped for signalling purposes. Stations marked "X" closed during the period of the war.

#### Brief Summary of Work Performed.

- 1. Stations report movements of vessels to Montreal, Quebec, Sydney, Halifax and St. John.
- 2. Stations report weather conditions daily to Montreal, Quebec, Sydney, Halifax and St. John.
- 3. Montreal, Quebec and St. John publish daily bulletins giving weather and ice conditions and movements of vessels.
- 4. Montreal and Quebee publish daily bulletins showing the depth of water at the various points in the river St. Lawrence ship channel.
- 5. The Signal Service offices at Montreal, Quebee and St. John are open day and night for the purpose of furnishing the public with information of shipping matters.
- 6. The telegraph system of the Department of Public Works on the north shore of the gulf of St. Lawrence report the movements of vessels engaged in the coasting trade to the Signal Service at Quebec.

7. The Collectors of Customs at all the seaports in the river and gulf of St. Lawrence, on the Atlantic coast and in the bay of Fundy, report the arrival and departure of vessels engaged in the overseas trade.

8. Lloyd's agents at Quebec are furnished daily with full information of casualties and movements of vessels engaged in the overseas trade to and from ports in the

province of Quebec.

9. Lloyd's agents at St. John are furnished daily with full information of easualities and movements of vessels engaged in the overseas trade to and from ports in the Maritime Provinces.

#### IMPROVEMENTS CARRIED OUT AND CONTEMPLATED.

The Signal Service at Halifax, St. John, North Sydney and Quebee, in the river and gulf of St. Lawrence, and on the Great Lakes, and the telephonic and reporting service between Quebec and Montreal were combined on the 1st April, 1914, under the heading of Signal Service with headquarters at Quebec. This consolidation has

greatly facilitated the work and has led to many improvements.

An arrangement was made with the Department of Railways and Canals whereby their officials at the Lachine, Soulanges, Cornwall, Galops, Welland and Sault Ste. Marie canals report several times daily to the signal service at Montreal giving movements of vessels bound to Montreal and points east of that port. In this connection a private telephone line has been established between the signal service office, Montreal, and the canal office at Lachine. This service has proved itself to be very useful, especially to the shipping interests of the port of Montreal, and will be extended from time to time as conditions may warrant.

The signal stations at Point Tupper, C.B., N.S. and Scatari island, N.S., were put

in operation on the 1st April, 1916.

All the various signal stations were kept in good repair, and painting done where required.

OTTAWA, June 28, 1917.

## ICE BREAKING, 1916 1917.

Sir,—I have the honour to submit the following report on the work of the ice-breaking steamers Lady Grey and Montcalm during the winter of 1916-17.

The Lady Grey was ordered to Three Rivers on November 23, to be on hand to assist ships through the ice down and up the river if required.

She was able to give assistance to several steamers leaving late, as there was a considerable amount of ice running, due to the extreme cold weather.

On December the 14th, after her work at Port St. Francis was finished she proceeded to Quebec, accompanying the steamer *Mount Temple* which was the last one of the season.

On December the 16th, both ice breakers were called upon to assist in bringing up to Quebee the C.G.S. *Druid*, *Eureka*, and White Island lightship, and also to take down the unfinished steamer *Carib*, which was accompanied by the tug *Bartlett*.

The latter attempt proved to be a failure, owing to the Carib not being able to steer through the ice. It was then decided to leave the Carib at Murray Bay for the winter.

The Lady Grey succeeded in bringing up the C.G.S. Druid and the White Island lightship on December 17, and the Eureka on December 21. The Montealm arrived with the tug Bartlett on December 19.

On December 23 the Montcalm accompanied the C.G.S. Champlain down to Riviere Ouelle and Murray Bay, and came back the next day with the tug Rouville.

On December 31 the Lady Grey was sent down to Brandypot to pick up the light-keeper. She was delayed two days at Grosse isle on account of thick vapour and returned to Quebec on January 4.

On February 28 the Montcalm left for the north shore, with 45 passengers and about 90 tons of freight for Murray Bay, Tadousac, Seven Islands and Ellis Bay,

Anticosti.

She was unable to reach the last place on account of heavy packed ice and got back to Quebec on March 5.

The Lady Grey also made two trips to Grosse Isle, one on December 23 and the other on March 7, when on her way to St. Irenée to bring up about 90 tons of fish plates to Quebee for the Department of Railways and Canals.

On December 16 the ice-bridge formed at the foot of lake St. Peter and Sorel islands and by December 23 the river was frozen over from Port St. Francis up to

Montreal.

On February 3 the ice jammed at cap Charles, and on February 12 the ice-bridge was formed from the latter place up to Three Rivers, leaving only an open space of about one mile and a quarter at Batisean traverse.

Although the winter was severe, the ice-breakers did not have any difficulty in

keeping the cap Rouge ice-bridge from forming.

Three jams occurred at the bridge during the winter, the first two on January 20 and February 3, were due to the severe cold weather occurring at neap tides, but they were easily broken up the same day. The third one happened on February 22, caused by batture ice from Les Ecureuils bank jamming at the bridge. Both ice-breakers worked at it for one tide and the next night the remainder of the ice passed down alone.

The ice-breaking operations to open up the channel above, commenced on March 14, when the Lady Grey left Quebec to break the jam at cap Charles, which was about 700 feet below gas buoy No. Q77. The Montcalm remained at Quebec on the standby in case batture ice should come down and jam at the bridge.

On March 17 it was decided to order back the Lady Grey to Quebec, on account of large pieces of batture-ice floating down the river from bay Ste. Croix. The Lady Grey helped the Montcalm to break these pieces, and as she was making water in the forehold, she was placed on the gridiron at Levis to have a few rivers renewed.

On March 23 the *Lady Grey* went back to resume her work, and by the 27th she had cut through the jams at cap Charles and cap-à-la-Roche up to Batiscan traverse.

On March 28 the Montcalm went up to take her turn breaking ice, and by the

30th the cap Charles jam was completely cut away.

The ice-breakers reached Three Rivers in the forenoon of April 5, after breaking their way up easily from Batiscan traverse, and in the afternoon they got as far as Pointe-du-Lac.

As it was a dangerous proposition to attempt to cut the channel through lake St. Peter, on account of the state of the ice, it was decided to send only one ice-breaker at a time to slice all that was possible. The other was to remain at the foot of the lake and break up any piece that might jam at Port St. Francis.

The ice on lake St. Peter started to move on April 15 in the afternoon. As soon as it stopped moving at Port St. Francis, both ice-breakers worked to start it again,

and by April 18 the last piece passed down.

The Lady Grey then proceeded through lake St. Peter on April 19, and commenced to break the ice jam which had formed in the Sorel islands.

The next day both ice-breakers, after succeeding in breaking up the remainder of this jam, reached Sorel. There still remained only one small jam at Vercheres.

On the morning of April 22, the channel was clear from Quebec to Montreal, and the *Montcalm* was sent back to Quebec to get ready for her usual cruise down to Cabot straits to report ice and weather conditions to incoming steamers.

The Department of Railways and Canals made the usual request to the department for the services of the Lady Grey to clear the ice accumulation at the foot of Soulanges canal, which was delaying the opening of navigation at this point. Orders were immediately given to have the Lady Grey get ready to proceed up as soon as the Lachine canal was opened to navigation. On April 25 the Lady Grey went through the Lachine canal early in the morning and reached the field of operations in a few hours. It was found that the jam was heavier than usual, so that it took the ice-breaker four days to clear the channel. April 30 she returned to Montreal and afterwards proceeded down to Quebec to get her machinery overhauled and hull repaired, after her strengous winter work.

I am, sir, your obedient servant.

### ALPHONSE LAFLECHE,

Acting Resident Engineer.

V. W. Forneret, Esq. C.E., Superintending Engineer, Department of Marine, Ottawa.

## GENERAL INFORMATION.

The cap-à-la-Roche semaphore, which shows the available depth of water in the dredged channel at cap-à-la-Roche, was put in operation May 12, 1916, and the St. Nicholas semaphore, which shows the depth available over the undredged St. Augustin bar, May 13, 1916.

During the season of 1916, fifteen dredges and attending plants were kept at work day and night, deepening and improving the ship channel. They removed a total amount of 7,793,805 cubic yards of material, varying from soft clay to very hard shale rock.

Good progress was made in the widening of the ship channel through St. Marys eurrent, Montreal harbour, where it is proposed to widen it from 500 to 800 feet. The material dredged consisted of stone and gravel, and numerous boulders, which were lifted with a stone-lifter.

The widening of Longueuil curve at Forsyth shoal, from 500 to 850 feet, is nearly completed. There still remains some cleaning up to do. As soon as this is done, the curve will be buoyed out to give to vessels the full advantage of the increased width.

A commencement was made with the widening of Longue pointe curve. It is proposed to increase the present width of 500 feet to 650 and deepen it to 35 feet at E.L.W.

Considerable work was done deepening Varennes curve to 35 feet at E.L.W., which is nearing completion.

Very good progress was made with the deepening to 35 feet at E.L.W. in the cap St. Michel to Vercheres channel.

Work was commenced on the deepening of Vercheres traverse to 35 feet at E.L.W.

Two very powerful dredges were employed all season deepening Contreceeur channel to 35 feet at E.L.W., and very good progress was made.

St. Ours traverse, at the lower end of this channel, was completed to 35 feet at E.L.W., as was also Lanoraic curve, which was widened to 800 feet. At the opening of the season of navigation of 1917 a rearrangement of buoys will be made to give the full advantage of the increased width to vessels.

The curve at the junction of Repentigny and ile Lebel ranges, Repentignp stembout channel, was widened to 700 feet, and the lower end of Repentigny traverse

was also widened from 300 to 450 feet and dredged to 15 feet at E.L.W. At the opening of the season of navigation of 1917, the buoys will be placed to give the full advantage of the increased width to tows, etc.

Considerable progress was made with the dredging of île de Grace channel and

Ste. Anne traverse to 35 feet at E.L.W. This is nearing completion.

Good progress was also made with the 35-foot dredging in the channel at Stone island.

The powerful hydraulic dredge No. 7 was employed during part of the season on the ile au Raisin channel, deepening it to 35 feet at E.I.W. and good progress was made, the work being nearly completed.

A start was made with the deepening of the channel at Port St. Francis, to 35 feet at E.L.W. One dredge being employed there during a good part of the season.

One dredge was employed for part of the season in cleaning up sand bars that had formed in Champlain channel. This is the only point where filling of any importance occurs in the ship channel, between Montreal and Quebec.

The dredging to 35 feet at E.L.W. of the ship channel through lake St. Peter is nearly completed. There remains less than a mile yet to be done, half of which is on fle aux Raisins traverse, at the upper end of the channel, and half on Nieolet traverse, at the lower end of the lake.

Considerable work was done at cap-à-la-Roche eurve during the past season, but owing to the very hard nature of the material to be removed, being solid rock, and the numerous boulders that had to be lifted with a stone-lifter, the progress was naturally slower than on other parts of the channel. Two powerful rock-dredges, one rock-eutter, two stone-lifters and attending plant were employed on this part of the channel during the season.

Cap Charles channel was completed to 30 feet at E.I.W. There still remain a few lumps and boulders, found with the testing seow, to be cleaned up.

### WORK BELOW QUEBEC.

North Channel.—During the past season the two powerful sea-going hydraulic dredges Nos. 8 and 9 were employed removing material in this channel, and very good progress was made.

South Channel.—The Beaujen channel was thoroughly tested, and a few sand hars were found to have formed. Dredge No. 9 was immediately placed to remove these, and this work was finished during the latter part of the season.

Steamboat Channel.—The new steamboat channel for light-draught vessels and tows through the islands opposite Sorel to lake St. Peter, by way of the Grand chenal, was completed to 15 feet at E.L.W. of 1897, and the three lighthouses to mark the different courses being finished, the channel was buoyed and opened to navigation. This channel is practically a continuation of the Repentigny steamboat channel.

With this addition, there will be a distance of over fifty miles between lake St. Peter and Montreal where tows and light-draught vessels can keep out of the ship channel.

Compensation Dams.—During the season of 1916, a large amount of dredging was deposited with dump seews on the site of Repentigny, chenal Corbeau, chenal des Barques and pointe du Lac Dams.

The dumps at chenal au Corbeau and chenal des Barques have been greatly increased in height, and not much additional dredged material can be deposited with dump scows, owing to the depth of water over the sites, even at the high water stage.

A considerable amount of dredged material can still be utilized at the sites of the Repentigny and pointe-du-Lac Dams.

Dredge No. 16.—The new sea-going hopper elevator dredge No. 16 now under construction at Canadian Vickers Company, Limited, Montreal, for working below Quebec on the north channel, was successfully launched November 18, 1916. It is expected that this vessel which is one of the largest in the world of its type, will be ready to go into commission some time next season.

Sounding Steamer.—The new sounding steamer Detector was completed at the Government shippard at Sorel, P.Q., and was placed in commission. She was built especially for sweeping the ship channel, and has all the necessary machinery and equipment on board, thereby doing away with the use of a seow. The Detector can therefore work in exposed places where a sounding seow could not be used. She proved very satisfactory and is the only vessel of its kind in existence.

The usual sweeping of the ship channel was done during the season and no obstruction of a serious nature was found. Some sand bars were found in Champlain channel, but these were removed before the low water season.

Lloyd's Agent at Quebee, Messrs. Henry Fry & Company, drew the attention of the department to the fact that during the past year not an accident to a sea-going vessel had occurred in the river St. Lawrence between Quebee and Father point, this, they attribute to the many improvements made by the Marine Department, by dredging and additional lighting of the river. It is the first time, according to their official records, which date back for sixty-two years, that this has occurred. During the past season also there was a most vigorous administration of the Pilotage Service by the department, which doubtless contributed to the freedom from accident emphasized by Messrs. H. Fry & Co.

The total cost, from 1851 to the end of the fiscal year, March 31, 1917, of the ship channel from Montreal to Father Point, including plant, shops, surveys, etc., is as follows:—

Dredging	 	 \$13,549,514 44
Plant, shops, surveys.		7,970,857 02

Total.... \$21,520,371 46

The total number of cubic yards dredged, amounted to 113,790,397, the material varying from very hard shale rock to soft blue clay.

AVERAGE DEPTH FOR EACH MONTH IN THE (27½ FEET AT ORDINARY LOW WATER).

From Sorel Gauge during each year May to November.

Year,	Muy.	June.	July.	Aug.	Sept.	Oct.	Nov.	Highest	Lowest
890 891 892 893 894 895 895 896 897 898 899 900 901 901 902 903 904 905 906	Ft. in.  35 6 34 6 31 0 36 0 34 6 33 3 35 6 31 6 36 0 31 6 36 2 33 6 31 10 36 3	Ft. in.  35 3 31 3 31 9 34 3 31 9 34 3 30 6 30 9 31 10 32 2 30 11 34 5 30 8	Ft. in.  31 9 29 9 31 6 30 9 31 0 28 3 28 9 30 3 30 6 29 2 32 29 30 5 30 9 29 7 29 3	Ft. in.  30 6 29 9 30 6 29 9 20 2 28 3 28 0 29 3 28 2 28 6 29 6 29 5 29 5 29 7 11	Ft. in.  30 9 30 0 28 9 29 6 28 3 27 6 27 6 28 0 28 2 27 6 28 1 27 7 28 1 27 7 28 1 27 7 28 1 27 7 27 7 28 1 27 7 28 1 27 7 28 1 27 7 28 1 27 7	Ft. in.  29 9 28 3 28 3 28 6 28 9 26 9 27 0 28 3 28 0 27 4 28 1 29 0 30 4 28 5 7 4	Ft. in.  30 6 28 3 28 3 28 0 26 9 29 0 27 6 28 6 27 9 29 2 27 3 29 0 27 11 29 3 28 1 27 6	Ft. in.  37 0 36 9 33 6 37 6 37 0 36 0 31 6 37 0 32 1 37 0 32 1 37 9 36 3 34 1 32 8 37 4 33 6 33 3	Ft. in 29 0 27 3 27 6 27 7 25 14 26 5 26 9 27 4 26 6 27 6 26 1 28 1 27 1

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AVERAGE DEPTH FOR EACH MONTH IN THE 30 FOOT CHANNEL (30 FEET AT EXTREME LOW WATER OF 1897).

Year.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Highest	Lowest.
1907 1908 1909 1910 1911 1912 1913 1914 1915	Ft. in.  37 1 41 5 40 6 35 7 36 6 37 9 37 0 35 2 34 7 38 9	Ft. in.  35 9 37 10 37 6 34 5 34 6 37 6 34 4 33 0 32 6 37 2	Ft. in.  34 3 33 10 33 10 32 3 32 1 33 6 32 8 32 4 31 6 34 0	Ft. in.  32 10 32 10 33 2 31 7 31 3 32 8 31 10 31 4 31 4 32 5	Ft. in.  32 4 32 0 32 7 31 6 30 9 32 6 31 6 31 3 31 1 31 7	Ft. in.  32 9 31 0 32 4 31 6 30 2 32 6 32 1 30 11 30 11 31 9	Ft. in.  33 7 30 6 31 6 31 7 30 3 34 9 32 7 31 0 30 8 31 10	Ft. in.  38°3 42 4 42 7 37 1 38 1 40 11 38 6 36 10 37 4 40 0	Ft. in.  31 10 30 0 30 11 30 7 29 4 31 3 31 1 30 3 30 1 30 9

COST OF SHIP CHANNEL TO DATE, TABLE SHOWING THE TOTAL COST OF THE DREDGING AND PLANT AND THE QUANTITIES DREDGED TO MARCH 31, 1917.

	Cost of Dredging.	Expenditure for plant, shops, surveys, etc.	Quantities Dredged.
Montreal Harbour Commissioners, 1851 to 1888.	\$ ets.	\$ cts.	Cu. Yds.
Dredging Montreal to cap à la Roche to 27½ feet at O.L.W. and from cap à la Roche to Quebec to 27½ feet at half tide	3,402,494 35	534,809 65	19,865,693
Dredging consisting of widening and cleaning up of channel, deepening cap à la Roche to cap Charles to 27½ feet at O.L.W. and dredging at Grondines, Lotbiniere and Ste. Croix, 1889 to June 30, 1899 PROJECT OF 1899.	829,583 08	486,971 79	3,558,733
Dredging channel between Montreal and Quebec to 30 feet at lowest water of 1897, also widening to a minimum width of 450 feet and straightening  Fiscal Year, 1899-1900	100,191 01 136,680 83 185,429 80 255,776 55 276,958 59	265, 270 78 287, 040 04 479, 731 47 277, 703 50 308, 765 44	1, 107, 894 2, 479, 385 3, 098, 350 6, 544, 605 4, 619, 260
Fiscal Year, 1904–1905.  "1905–1906. "1906–1907.  (July 1, 1906 to March 31, 1907).  Fiscal Year, 1907–1908.  "1909–1910. "1909–1910. "1910–1911. "1911–1912. "1912–1913. "1913–1914. "1914–1915. "1915–1916. "1916–1917.	311,087 93 431,768 30 302,677 37 478,209 66 497,686 03 572,950 71 576,838 02 588,697 60 663,229 74 895,235 59 1,036,846 65 976,622 03 1,030,550 60	277, 225 69 317, 327 37 275, 003 61 417, 390 22 340, 861 86 321, 375 80 488, 248 88 499, 799 58 430, 107 86 426, 018 12 327, 975 71 771, 760 03 437, 469 62	2,716,220 4,047,530 3,001,010 4,831,875 5,896,737 6,354,285 5,600,050 4,509,904 6,929,344 6,140,867 6,225,143 8,462,957 7,800,555
	13,549,514 44	7,970,857 02	113,790,397

### DREDGING OPERATIONS.

Elevator Dredge No. 1 (Laval).—This is the oldest dredge of the River St. Lawrence Ship Channel fleet, the hull, which is wood, was constructed at Ottawa in 1894. It was then towed down to the shippard at Sorel, P.Q., and the machinery installed. The dredge buckets are made of cast-steel for work in rock or other hard material.

During the season of 1915-16, the machinery, etc., of this dredge was given a thorough overhauling, and put into good shape for the next season's work.

The details of the operations for the fiscal year, beginning April 1, 1916, were as follows:—

Dredge No. 1 left Sorel on May 8, and was towed up to Montreal harbour. The following day she was laid out to work in the ship channel, deepening and widening in the St. Mary current opposite île Ronde. Having finished her cut July 20, No 1 was dropped back 1,000 feet to clean up some boulders found with the testing seew.

July 27, the dredge having finished cleaning up, was taken down to Sutherland pier, where there was still water, in order to enable a diver to make some necessary repairs.

July 31, No. 1 was again laid out to work at the foot of ile Ronde to widen and deepen the ship channel at that point. The dredge continued working here until November 4, when No. 1 stopped work for the season, as instructions had been received from Ottawa to lay up the dredging fleet owing to the shortness of the coal supply. Dredge No. 1 was then towed down to Sorel to lay up for the winter.

In a total of 150 days, during which this dredge was at work, her machinery was in actual operation 71 per cent of the full working time. The total number of cubic yards dredged amounted to 56,607, consisting of gravel, stone and large boulders, at a cost of \$60,925.27, or \$1.07.63 per cubic yard.

Elevator Dredge No. 2 (Laurier).—The hull of this dredge is of wood, having been constructed at the Government shippard at Sorel, P.Q., in 1897. She is equipped with a set of east-steel buckets, especially designed for work in rock or other hard material.

During the winter of 1915-16, extensive repairs were made to the hull, and the machinery was given a thorough overhauling and put in good order for the next season's operations.

The details of the operations of this dredge for the fiscal year beginning April 1. 1916, were as follows:—

Owing to extensive repairs to her hull, the dredge only left Sorel, to commence her season's work, on June 5, and was laid out at the upper entrance to the new steambout channel, through the Sorel islands (Grand chenal), to clean up some lumps found with the testing seow. No. 2 completed her work on June 21, and was towed down to work in cap Charles channel (cap à la Roche), to clean up stone and boulders, which had been found, when proving the channel with the testing seow. This required the frequent use of a stonelifter, which made it slow work.

Dredge No 2 finished cleaning up on August 3, and was moved up to cap à la Roche curve, where she worked on the south half of the channel, deepening and cleaning up, until 21st September. No. 2 was then moved over to work on the widening of the curve on the north side at the upper end of cap à la Roche curve. She continued working there until October 4, when the tug Chambly attending No. 2 collided with the dredge and sank alongside of it. Preparations were immediately made to raise the wreck, which was in about 30 feet of water, near the new north bank. The current being very swift at this point made salvage operations very difficult, and it was necessary to utilize the dredge for holding the salvage plant. The tug was successfully raised by the end of the month.

Dredge No. 2 left cap à la Roche for Vercheres, P.Q., on November 1, and was laid out to work at the lower end of Vercheres traverse, deepening the channel to 35 feet at extreme low water. No. 2 continued working here until November 13, when she was towed down to Sorel to go into winter quarters.

In a total of 112 days, during which this dredge was at work, her machinery was

in active operation 53 per cent of the full working time.

The total number of cubic yards removed amounted to 40,116, at a cost of \$57,146.23, or \$1.42.45 per cubic yard.

Elevator Dredge No. 3 (Aberdeen).—The hull of this dredge is of steel, the complete vessel having been constructed at the Government shippard at Sorel, Que., in 1900. The buckets are of east-steel for work in rock or other hard material.

During the winter of 1915-16 the machinery was given a thorough overhauling and the necessary repairs made to the hull, to put the dredge in good shape for the next season's operations. The details of the operations of this dredge for the fiscal

year beginning April 1, 1916, were as follows:-

Dredge No. 3 left Sorel May 12 and was towed up to pointe aux Trembles (en-haut) and laid out there to deepen the channel to 35 feet at extreme low water of 1897. No. 3 continued working at different parts of pointe aux Trembles channel until August 14, when the dredge was towed down to the foot of lake St. Peter and laid out to work at the lower end of Nicolet traverse, widening and deepening the channel to 35 feet at E.L.W. The dredge worked here until October 25, when she was moved up the river, as she lost too much time by wind owing to her exposed position on lake St. Peter at this time of the year. Dredge No. 3 was laid out to work in the channel at pointe aux Trembles and continued working in this locality until November 15, when, owing to difficulty of obtaining coal for the fleet, she was taken down to Sorel to go into winter quarters.

In a total of 155 days during which this dredge was at work, her machinery was

in active operation 65 per cent of the full working time.

The total number of cubic yards removed amounted to 218,325 at a cost of \$56,183.84 or 25.73 cents per cubic yard.

Elevator Dredge No. 4 (Minto).—This dredge is of the same type and design as No. 3 and was constructed at the Sorel shippard in 1900. No. 4 is also provided with east-steel buckets for dredging in rock or other hard material.

During the winter of 1915-16 dredge No. 4 was given a good general overhauling and the machinery put into good condition for the next season.

The details of the operations of this dredge for the fiscal year beginning April 1, 1916, were as follows:—

Dredge No. 4 left Sorel on May 11, and was taken down and laid out to work deepening the channel to 35 feet, at extreme low water, opposite Stone island.

The dredge continued working here until August 10, and was then towed down to the foot of lake St. Peter and laid out to work deepening the channel to 35 feet at E.L.W. at Force shoal, Port St. Francis.

On October 24, No. 4 was taken back to work in the channel opposite Stone island, where the dredge was more sheltered from bad weather at this time of the season. Dredge No. 4 continued working here until November 11, when she was taken to Sorel to be laid up for the winter.

During the season of 1916, out of a possible number of 156 days, the dredge was in actual operation 62 per cent of that time. The total number of cubic yards removed amounted to 261,702 at a cost of \$61,521.02, or 23.51 cents per cubic yard.

Elevator Dredge No. 5 (Lafontaine).—This dredge was also constructed at the government shippard at Sorel, P.Q., and was completed in 1901. The hull is of wood. She is fitted out with east-steel buckets for working in rock or other hard material.

During the winter of 1915-16 the hull and machinery were given a thorough overflauling and put in good order for the next season's operations.

The details of the operations of this dredge for the fiscal year beginning April 1,

1916, were as follows:-

Dredge No. 5 left Sorel for Varennes, P.Q., May 1, and was laid out to work on the curve, dredging to 35 feet at E.L.W. of 1897. No. 5 continued working there until June 7, and was then towed down to cap à la Roche and laid out to work on the curve to 30 feet at E.L.W., and continued working there until November 7. The dredge was then towed up to Varennes and laid out where she left off in the spring. November 10, No. 5 stopped work for the season and was taken down to Sorel to go into winter quarters.

In a total of 161 days, during which this dredge was at work, her machinery was in active operation 42 per cent of the full working time. The total number of cubic yards removed amounted to 133,025, at a cost of \$68,557.27, or 51-53 cents per cubic yard.

Elevator Dredge No. 6 (Baldwin).—This dredge was constructed at the Sorel government shippard in 1902, the hull being of wood. No. 6 is provided with large built-up buckets for working in soft material, but with sufficient teeth to enable the bredge to work in hard clay, etc.

During the winter of 1915-16 this dredge was thoroughly overhauled, and put in good condition for the next season's work. The details of the operations of this

dredge for the fiscal year beginning April 1, 1916, were as follows:-

Dredge No. 6 left Sorel to commence her season's work on May 4, and was tow up to Repentigny and laid out to widen the curve at the junction between Repentigny and Lebel tangents (Repentigny Steamboat channel) also to widen the channel at the foot of Repentigry traverse from 300 to 450 feet; the depth dredged at both places was 15 feet at E.L.W. in 1897. No. 6 finished at Repentigny on June 21, and was taken up and laid out to work to widen the channel at Longueuil shoal on the south side, dredging to 30 feet at E.L.W. June 11, the upper tumbler shaft broke and the dredge had to be taken down to Sorel for repairs. The repairs being completed on July 18, No. 6 was towed down to Champlain and was laid out to clean up sand bars found in Champlain channel by the testing steamer. She continued working at different points in this channel until November 16 and was taken up to Sorel on the 17th to go into winter quarters.

In a total of 161 days, during which No. 6 was at work, her machinery was in octual operation 49 per cent of the full working time. The total number of cubic yards excavated amounted to 195,285 at a cost of \$57,969,06 or 29% cents per cubic

yard.

Hydraulic Dividge No. (J. Israel Tarti). The hull of this dredge is of steel of the same type and general design as the steel hulls of elevator dredges Nos. 3 and 4. She was constructed in 1902 by the Polson Iron Works Company, of Toronto, Canada.

No. 7 is held in position for dredging by six anchors, one forward, one aft, and two on each side. The dredged material is discharged through a pipe 36 inches in diameter, iloated on steel pontoons. This discharge pipe is connected with the dredge by a swivel elbow. The seow is equipped with a steam boiler and winch for the purpose of changing the position of the end of the pipe line by means of these anchors. The discharge pipe, which is made up of 100-foot lengths, is about 2,500 feet long and the material is deposited about 1,800 feet from the edge of the channel. After many years of careful observation, it has been found that none of the dredged material has been carried back into the channel.

The material is first attacked by a revolving cutter at the end of the suction pipe, which is driven by an independent engine. It not only cuts the material, but starts it togerds the inlet, and, although the suction pipe is 80 feet long, heavy material, small

stones and occasionally buoy anchors, etc., are sucked up. The steam for the machinery is supplied by four marine boilers.

During the winter of 1915-16 the dredge was given a good overhauling and the necessary repairs were made to her machinery. The details of the operations of this dredge for the fiscal year beginning April 1, 1916, were as follows:—

Dredge No. 7 left Sorel May 23 and was taken down to lake St. Peter, and laid out to work on ile aux Raisin traverse, to deepen the channel to 35 feet at E.L.W.. of 1897. On August 1, No. 7 finished on ile aux Raisin traverse, and continued to work up on ile aux Raisins course, the material being clay and stones the same as on the traverse.

The dredge continued working there until the discharge pipe could not be worked satisfactorily, owing to limited area. No. 7 was then towed up to work at the head of Ste. Anne traverse, deepening the channel to 35 feet at E.L.W., the material being clay and stones. Dredge No. 7 continued working here until November 10, when she was taken to Sorel to be laid up for the winter.

In a total of 145 days, during which this dredge was at work, her machinery was in actual operation 60 per cent of the full working time. The total number of cubic yards removed amounted to 2,068,645, at a cost of \$118,382.41, or 5.72 cents per cubic yard.

Hydraulic Hopper Dredge No. 8 (Beaujeu)—Steel hull, twin screw. Dredge No. 8 was constructed at the Government shippard at Sorel, Que., in 1907.

During the winter of 1915-16 the dredge was given a thorough overhauling and put in good working order for the next season's operations.

No. 8 left Sorel May 1, 1916, for the East narrows, north channel, below Quebec, she stopped at Three Rivers on her way for coal. Left Three Rivers May 3, reaching her destination at the foot of the island of Orleans the same day, where she commenced operations immediately. June 20 No. 8 came up to Quebec to be beached at Levis for repairs to the tail and shaft; it was found necessary after examination that she had to go into drydock next day, coming out again on the 29th. June 30 the dredge returned to East narrows to continue operations. August 5 No. 8 came up again to Quebec to have the cutter-head blades renewed; this work was completed on the 8th, and the dredge returned to her work.

The dredge continued working until September 1, when she broke the turbine shaft, which made it nnecssary for No. 8 to come up to Quebec to be placed on the gridiron at Lewis; she came off next day. Urgent repairs, necessitated the dredge being sent to Sorel. No. 8 left Quebec for Sorel September 4, reaching there on the 5th. The repairs being completed on September 17, No. 8 left Sorel for East narrows, below Quebec reaching there the same day.

The turbine shaft broke again on November 3. No. 8 went up to Quebec for repairs, returning to her work on the 8th, where she worked until November 13, when she stopped operations for the season. The numerous breakages were caused by the numerous stones and boulders. The dredge came up to Quebec and tied up at Allan's wharf and remained until it was decided whether she would be placed in drydock at Levis or Montreal. It was found that there was not sufficient room at the Levis drydock to allow No. 8 to winter there, owing to the numerous vessels to be wintered, but that No. 9 (Galveston) could be taken in, being a smaller vessel. Dredge No. 8 then left Quebec November 16, reaching Sorel the next day.

No. 8 lay at Sorel to the end of the week and then went up to Montreal to go into the floating drydock, Canadian Vickers, Ltd., for the winter. Owing to several vessels that had to be docked first, it was several days before the dredge was placed in the floating dock.

During the season No. 8 worked 145 days and her machinery was in actual operation 85 per cent of the full working time.

The total number of cubic yards removed amounted to 1,347,600 at a cost of \$89,442.47, or 6.64 cents per cubic yard.

Suction Hopper Dredge No. 9 (Galveston), steel hull, twin screw.—During the winter of 1915-16 No. 9 was given a thorough overhauling and her machinery put in good order for the next season's work.

The details of the operations of this dredge for the fiscal year commencing April 1, 1916, were as follows:

The dredge left Sorel on May 9, 1916, for St. Michel de Bellechase, where she arrived that night. Next morning she was beached alongside the wharf to open up her suction pipe outlet. Some additional work was done to her machinery during her stay at St. Michel. On May 12, her repairs being completed, No. 9 left St. Michel and went down to East narrows, north channel, to commence operations, where she continued to work until July 14, when she left for Quebec, to go on the "hard" at Levis to get her hoppers repaired. This work was completed on the 22nd, and then Vo. 9 returned to East narrows and continued working there until October 3, when the dredge was sent over to work in Beaujeu channel, on the south side, to clean up sand bars found by the sounding steamer. No. 9 finished dredging at Beaujeu channel, for the season, November 11, and went up to St. Michel to be beached and have her suction-pipe outlet closed. She came off on the 13th and proceeded up to Quebec, where she remained until it was decided to winter her in the Levis drydock, where she laid up at the beginning of December.

During the season dredge No. 9 worked 150 days, and her machinery was in actual operation 74 per cent of the full working time. The material consisted mostly of sand, with some clay and gravel and numerous stones.

The total number of cubic yards removed by No. 9 during the season amounted 19,500, at a total cost of \$65,837.03, or 13.20 cents per cubic yard.

Dipper Dredge No. 10. This dredge was constructed at the government shippard at Sorel, P.Q., and completed in 1910. The hull is of steel. During the winter of 1915-16 the dredge was given a general overhauling and put in good condition for the next season's work. The details of the operations of No. 10 for the fiscal year beginning April 1, 1916, were as follows:—

Owing to extensive repairs that had to be made, the dredge was late in comnencing operations for the season. No. 10 was ready for work June 6, and began deaning up in front of coal dock at the shippard, deepening to 22 feet at E.L.W. This was completed on the 16th. No. 10 was then towed up to Longue Pointe, June 19, and laid out to widen the curve on the south side, at the upper end of the second chord, deepening to 35 feet at E.L.W. of 1897. During the season a great deal of time was lost owing to repairs and the difficulty of obtaining sufficient firemen.

Dredge No. 10 continued to work on Lengue Pointe curve until October 12, when he was towed up to the floating dock basin, Canadian Vickers, Limited, where she had to do some cleaning up of material that had silted in. No. 10 lost a great deal of time when working in the basin by the docking of ships and trials of submarines. Is she had to move out of the way. She finished her work on the 21th, and returned to Lengue Pointe curve, where the dredge worked until November 10, when operations were stopped for the season. The dredge was ready to be towed down on the 15th, and was then taken to Sorel to go into winter quarters.

During the season of 1916, dredge No. 10 worked 128 days, her machinery being a operation 54 per cent of that time. The total amount of cubic yards removed to 240,850, at a total cost of 858,591,95, or 24,33 cents per cubic yard.

Dipper Dridge No. 11. This dridge was constructed at the Government ships, rd., t Sorel, Que,, and completed in 1911. The hull is of steel. The dredge can work to a depth of 52 feet.

During the winter of 1915-16 the dredge was given a general overhauling and her machinery put in good order for the next season's work.

The details of the operations of this dredge for the fiscal year beginning April 1,

1916, were as follows:-

Dredge No. 11 being ready for work, she left Sorel for Montreal on May 25 and was laid out on Longueuil curve to widen the channel to 800 feet, working on the north side, and deepening to 30 feet at E.L.W. of 1897. This dredge also lost a great deal of time during the season on account of repairs and difficulty of obtaining sufficient firemen. No. 11 finished her cuts on the north side of the channel November 6, and was then moved over to work on the south side, where she continued until November 10, when the dredge stopped operations for the season. She was taken down to Sorel on the 15th and laid up for the winter.

During the season of 1916, No. 11 worked 138 days, and during this time her machinery was in operation 50 per cent of her actual working time. The total number of cubic yards removed amounted to 239,150, at a total cost of \$73,396.57, or 30.69

cents per cubic yard.

Elevator Dredge No. 12.—This dredge was constructed at the Government shippard at Sorel, Que., and was completed in 1912. Her hull is of steel. No. 12 is fitted out with large cast-steel buckets for working in rock or other hard material and can dredge to a depth of 52 feet. The breasting winches are similar to those on dredge No. 5, using wire cables instead of chains. During the winter of 1915-16 No. 12 was given a thorough overhauling, to hull and machinery, and put in good order for the next season's work.

The details of the operations of this dredge for the fiscal year beginning April 1, 1916, were as follows:—

Dredge No. 12 left Sorel, May 1, and was towed up to Lanoraie and laid out to widen the curve at the foot of St. Ours course (Coutrecœur channel), deepening to 35 feet at extreme low water of 1897. Having finished her cut June 16, she was then taken up and laid out at the foot of Bellmouth curve, to work on the north half, to a depth of 35 feet at E.L.W. She finished the cut at Bellmouth curve September 18 and commenced at foot of "Petite traverse" (Contrecœur channel), working on the north half to 35 feet at E.L.W. No. 12 continued working on this course until November 10, when orders were given to stop operations for the season. Utilized crew of dredge to assist in raising a dumping scow belonging to the dredge which had sunk on October 20. The scow having been successfully raised on the 16th, the dredge was taken down to Sorel to be laid up for the winter.

During the season of 1916 No. 13 worked 164 days, during which her machinery was in operation 58 per cent of the full working time. The total number of cubic yards dredged amounted to 549.375, at a total cost of \$66,006.80, or 12.02 cents per

cubic yard.

Elevator Dredge No. 13.—This dredge was constructed at the government shipyard at Sorel, P.Q., and completed in 1913. Her hull is of steel. No. 13 is fitted with large cast-steel buckets, for rock and other hard material, and can dredge to a depth of 52 feet. The breasting winches are similar to those on elevator dredge No. 5, using wire cables instead of chains.

Dredge No. 13 was given a good overhauling during the winter of 1915-16 and put in first-class order for the next season's work. The details of the operations of this

dredge for the fiscal year beginning April 1, 1916, were as follows:-

May 6, dredge No. 13 left Sorel and was towed down to the foot of file de Grâce channel and laid out on the north side to deepen the channel to 35 feet at E.L.W. Finished cut on the north side July 14, and was then dropped back to work on the south half of the channel. No. 13 continued working here until November 6, and was then taken up to Sorel to go into winter quarters.

The number of days dredge No. 13 worked during the season was 128, and was in actual operation 72 per cent of the full working time.

The total number of cubic yards removed amounted to 535,500, at a cost of \$68,455.49, or 12<sup>78/00</sup> cents per cubic yard.

Self-propelling elevator dredge No. 14, steel hull, single screw.—This dredge was constructed by the Collingwood Shipbuilding Company and completed in 1914. No. 14 is equipped with large built-up steel buckets of one cubic-yard capacity.

During the winter of 1915-16 No. 14 was given a thorough overhauling and put in

good order for next season's work.

The details of the operations of this dredge for the fiscal year beginning April 1, 1916, were as follows:—

Dredge No. 14 left Sorel Map 5, steamed up to Verchères and was laid out to work in the channel a short distance above pointe Marie on the north side, dredging to 35 feet at E.L.W. Finished cut June 22, and was then moved back and placed on the south side at the foot of cap st. Michel to Verchères channel. No. 14 completed her cut on the south side July 22.

Dredge No. 14 then went down to Contreceur traverse, and was laid out to work at the lower end on the north half, dredging to 35 feet at E.L.W. Continued here until August 21, when No. 14 had to leave her work and go down to Sorel for necessary repairs to the lower tumbler. September 9, the repairs being completed. No. 14 left Sorel for Contrecœur traverse and resumed her work where she had left off. September 15, No. 14 had to go to Sorel again for repairs to her lower tumbler shaft. Returned to Contrecœur traverse next day. Finished Contrecœur curve, north half. November 1, and continued on the Verchères to Contrecœur channel. November 10, orders were received to lay up the dredge for the winter. She left that day for Sorel to go into winter quarters.

During the season of 1916, No. 14 worked 143 days, and her machinery was in actual operation 71 per cent of the working time.

The number of cubic yards removed amounted to 654,925, at a cost of \$65,693.83, or 10' 100 cents per cubic yard.

Self-propelling elevator dredge No. 15, steel hull, single screw.—This dredge was constructed by the Collingwood Shipbuilding Company, and completed in 1914. No. 15 is equipped with built-up steel buckets of 1 cubic yard capacity. During the winter of 1915-16 the dredge was given a good general overhauling, and put in good order for the next season's operations.

The details of the operations of this dredge for the fiscal year beginning April 1, 1916, were as follows:—

No. 15 left Sorel May 3, and steamed up to Verchères, where she was laid out to work on the cap St. Michel to Verchères channel, on the south half, dredging to 35 feet at E.L.W. of 1897. Finished cut July 29, was moved ahead about two miles and laid out to work on the north side of the channel. September 11, it was found necessary to send the dredge down to Sorel for repairs to the lower tumbler. The repairs being finished September 26, No. 15 left Sorel for cap St. Michel, to resume her work where she had left off. The dredge continued working in this channel until November 10, when orders were received to lay up the dredge for the season. No. 15 then picked up her moorings and left for Sorel and went into winter quarters.

This dredge worked 146 days during the senson of 1946. Her machinery was in operation 54 per cent of her full working time. The number of cubic yards removed amounted to 760,750, at a cost of \$62,438.36, or 8.24 cents per cubic yard.

The total number of cubic yards removed by the dredging fleet in the ship channel between Montreal and Quebec during the fiscal year ending March 31, 1917, amounted to 5,951,255, at a total cost of \$875,271.10, or 14.70 cents per cubic yard.

The total number of cubic yards removed by dredges Nos. 8 and 9, in the ship channel below Quebec, during the fiscal year ending March 31, 1917, amounted to 1,846,300, at a total cost of \$155,279.50, or 8.41 cents per cubic yard.

The total number of cubic yards removed by the whole of the dredging fleet, during the fiscal year ending March 31, 1917, amounted to 7,800,555, at a total cost of \$1,030,550.60, or 13.21 cents per cubic yard.

Progress of Dredging Operations at date of writing, the close of the Season 1916, 30-foot project.

Locality.	Distance English miles.	Total length requiring dredging.	Length dredged in 1916.	Total length of 30-foot ehannel dredged.	Length yet to be dredged.
		Miles.	Miles.	Miles.	Miles.
Division 1— Montreal to Sorel	4.5	22-90		22.90	All completed.
Division 2— Sorel to Batiscan	36	12-45		12-45	All completed.
Division 3— Lake St. Peter	20	18.00		* 0 · 50 †17 · 50	
Division 4— Batiscan to Quebec	59	10.00	0.04	8.15	1.85
Division 5— Quebec to the Traverse	60	6.65		4.65	2.00
Total	220	70.00	0.04	66-15	3.85

<sup>\*</sup>Not widened.

<sup>†</sup>Widened.

=Not widefield

tWilliard.

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Progress of Dredging Operations at date of writing, the close of the Scason 1916, 30-foot project.

	LENGTH OF	Dredging.	Cubic Yards
Locality.	Required.	Done.	yet required to be done.
	Miles.	Miles.	
Division 1— Longueuil shoal Longueupte, to pte, aux Trembles [E.H.) Ile Ste, Therese Varennes to cap St. Michel Cnp St. Michel to Verchères Verchères traverse Verchères to Contrecoeur. Contrecoeur channel Total		$\begin{array}{c} 1 \cdot 10 \\ 5 \cdot 05 \\ 0 \cdot 40 \\ 3 \cdot 00 \\ 4 \cdot 50 \\ 1 \cdot 10 \\ 1 \cdot 70 \\ 6 \cdot 05 \\ 22 \cdot 90 \end{array}$	
Division 2— Sorel to ile de Grace Stone island He aux Raisins		4·40 1·10 0·25	
Lake St. Peter (See Div. 3). Port St. Francis		0.50 $0.50$ $1.55$ $2.25$ $1.30$ $0.60$	
Total	" .	12-45	
Division 3 Lake St. Peter		* 0·50 †17·50	200,000
Total		18-00	200,000
Division 4 Batiscan to cap Levrard Cap à la Roche channel Pouillier Rayer Cap Charles Grondines Lotbiniere	0 65	3-00 1-35 1-20 0-90 0-80 0-40	275,000
Lotbiniere	0 · 60 0 · 60	0 · 20 0 · 30	300-000 300,000
Total	1.85	S 15	1,075,000
Division 5 Quebecto Tle Trayer	2 · 00	1 65	550,000
Total	2 00	1-65	550,000
Fotal	3 45	66 15	1,825,000

SESSIONAL PAPER No. 21

Progress of Dredging Operations at date of writing, the close of the Season 1916, 35-foot project.

Locality.	Distance English miles.	Total length requiring dredging.	Length dredged in 1916.	Total length of 35-foot channel dredged.	Length yet to be dredged.
		Miles.	Miles.	Miles.	Miles.
Division 1— Montreal to Sorel	45	28.63	3.84	13.48	15.15
Division 2— Sorel to Batisean	36	19-75	3.13	5.55	14.20
Division 3— Lake St. Peter	20	18-32	1.27	17.03	1 · 29
Division 4— Batisean to Quebec	59	15.54			15.54
Division 5— Quebec to Goose cape (North chan- nel)	66	8 · 14		0.75	7 · 39
Total	226	90-38	8 · 24	36.81	53 · 57

8 GEORGE V, A. 1918

Progress of Dredging Operations at date of writing, the, close of the Season 1916, 35-foot project.

		=======================================		
Locality.	1	Dredging	Cubic yards	
nocanty.	Yet to be done.	Done.	yet to be dredged.	yards dredged.
Division 1— Longueuil shoal. Longue Pte, traverse. Longue Pte, curve. Pte, aux Trambles channel. Ile Ste, Therese channel. Varennes curve. Cap St, Michel eurve. Cap St, Michel to Verchères. Verchères Traverse. Verchères to Contrecoeur. Contrecoeur channel. Lanoraie to Sorcl.	1.88 0.39 1.27 1.05 1.12 0.97 0.56 1.82 1.19 1.66 2.63 0.61	0.08 0.05 2.89 1.61 2.90 0.05 0.25 5.65	721,454 443,592 999,781 656,127 146,611 712,816 500,590 485,333 306,114 1,183,000 2,194,532 159,215	51,550 234,100 1,132,500 2,177,790 1,568,250 4,550 187,425 3,418,343
Totals, Division 1.	15.15	13-48	8,509,075	8,774,508
Division II— Sorel to ile de Grace Stone island. Ile aux Raisins. Port St. Francis. Three Rivers Cap Madeleine to Becancour. Becancour to Champlain Champlain to Pte. Citrouille Batture Perron.	1·55 1·42 0·99 0·67 0·72 2·40 1·16 4·06 1·23	3·43 0·69 1·10 0·33	1, 296, 506 468, 870 202, 125 491, 303 533, 192 1, 348, 578 932, 750 2, 632, 356 684, 600	2,413,554 412,390 777,224 248,275
Totals, Division II	14 · 20	5.55	8,590,280	3,851,443
Division III— Lake St. Peter	1 - 29	17-03	1,161,570	11,335,582
Division IV— Batiscan to cap Levrard Cap Levrard channel Cap à la Roche curve Cap Chirles channel Grondines Lotbiniere Cap Sante Ste, Croix St. Augustin	4·48 1·27 2·06 2·04 0·83 0·47 1·51 1·47		2, 386, 168 781, 666 1, 836, 859 1, 077, 416 513, 332 321, 480 655, 561 798, 518 826, 207	
Totals, Division IV	15.54		9, 197, 207	_
Division V Quebec to Goose cape (North channel) Madame Reel shoal. West Sand and East Narrows shoals	2 84 4·55	0.75	2,585,132 2,591,873	10, 973, 168
Total, Divi ion V .	7 39	0.75	5,180,005	10,973,168
Totals	53 57	36.81	32,638,137	34,934,701

RIVER ST. LAWRENCE SHIP CHANNEL DREDGING FLEET.

The following is a description of the dredging plant at the end of the season 1916, owned and operated by the Department of Marine in connection with the River St. Lawrence Ship Channel, between Montreal and Father Point:—

### DREDGES.

The Elevator Dredge "Laval" (No. 1), wooden hull—Length over all, 150 feet; breadth of beam, 30 feet; depth of hold, 14 feet; average draught, 11 feet; greatest working depth, 42 feet; hull built in Ottawa in 1894; steel buckets; working capacity per day in hard material, 1,000 to 2,000 cubic yards.

The Elevator Dredge "Laurier" (No. 2), wooden hull.—Length over all, 163 feet: breadth of beam, 32 feet; depth of hold, 14 feet; average draught, 10 feet; greatest working depth, 45 feet; built at Sorel shipyard in 1897; steel buckets; working capacity per day in hard material, 1,000 to 2,000 cubic yards.

The Elevator Dredge "Lady Aberdeen" (No. 3), steel hull.—Length over all. 148 feet; breadth of beam, 32 feet; depth of hold, 13 feet; average draught, 8.5 feet; greatest working depth, 42.5 feet; built at Sorel shipyard in 1900; steel buckets; greatest working capacity per day in hard material, 1,000 to 2,000 cubic yards.

Elevator Dredge "Lady Minto" (No. 4), steel hull.—Length over all, 148 feet; breadth of beam, 32 feet; depth of hold, 13 feet; average draught, 8-5 feet; greatest working depth, 42-5 feet; built at Sorel shipyard in 1900; steel buckets; working capacity per day in hard material, 1,000 to 2,000 cubic yards.

Elevator Dredge "Lafontaine" (No. 5), wooden hull—Length over all, 168 feet; breadth of beam, 32 feet; depth of hold, 14 feet; average draught, 9 feet; greatest working depth, 45 feet; built at Sorel shipyard in 1901; steel buckets; working capacity per day in hard material, 1,000 to 2,000 cubic yards.

Elevator Dredge "Baldwin" (No. 6), wooden hull.—Length over all, 165 feet; breadth of beam, 34 feet; depth of hold, 14 feet; average draught, 8 feet; greatest working depth, 40 feet; built at Sorel shipyard in 1902; one-cubic-yard buckets strengthened for fairly hard material; working capacity per day in medium material, 2,500 to 3,500 cubic yards.

Hydraulic Dredge "J. Israel Tarte" (No. 7), steel hull.—Length over all, 160 feet; breadth of beam, 42 feet; depth of hold, 12.5 feet; average draught, 6 feet; length of suction pipe, 80 feet; greatest working depth, 47 feet; built at Polson Ironworks, Toronto, 1902; working capacity per day in soft material, 12,000 to 20,000 cubic yards.

Dicharge pipe and pontoons of Dredge "J. I. Tarte" (No. 7).—Twenty-seven lengths of pipe, 36 inches diameter, by 100 feet long, one length of pipe, 36 inches diameter by 35 feet long; twenty-seven pairs of pontoons for floating pipes, 42 inches diameter by 90 feet long.

Pontoon Anchor Scow for Dredge "No. 7."—Wooden hull; length over all 74 fect 7 inches; breadth of beam (outside plank), 27 feet 6 inches; depth at side 7 feet; built at Sorel shipyard 1909.

Winch Scow for Dredge "J. I. Tarte" (No. 7).—Wooden hull; length over all, 60 feet 8 inches; breadth of beam (outside plank), 21 feet; depth at side, 7 feet 6 inches; built at Sorel shipyard 1902.

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The Sea-going Suction Hopper Dredge "Beaujeu" (No. 8).—Steel hull; twin screw; length between perpendiculars. 264 feet; breadth of beam, 45 feet; depth of hold. 20 feet; capacity of hoppers, 2,000 cubic yards in 45 minutes; greatest working depth, 65 feet; draught when loaded, 15 feet; ordinary speed, 9 statute miles; built at Sorel shipyard in 1907.

The Suction Hopper Dredge "Galveston" (No. 9).—Steel hull; twin serew; length over all, 233 feet; breadth of beam, 39 feet; depth of hold, 15.5 feet; draught, when loaded with 1,800 tons, 14 feet 9 inches aft, and 13 feet 1 inch forward; greatest working depth, 55 feet; built in Germany, 1904; two suction pumps, Dutch type, 8.5 feet outside diameter, working capacity, 1,350 cubic yards in 45 minutes; hopper capacity, 1,500 cubic yards.

Dipper Dredge "No. 10".—Steel hull; length moulded, 132.5 feet; breadth moulded, 42 feet; depth at bow, 11.5 feet; depth at stern, 9.7 feet; length of spuds, 74 feet; bucket capacity one 11-yard for soft material, one 9-yard for hard material, capable of dredging to 50 feet; built at Sorel shipyard in 1910.

The Dipper Dredge "No. 11".—Steel hull; length moulded, 132.5 feet; breadth moulded, 42 feet; depth at bow, 11.8 feet; depth at stern, 13.5 feet; length of spuds, 74 feet; bucket capacity one 11-yard for soft material, one 9-yard for hard material, capable of dredging to 50 feet; built at Sorel shipyard in 1911.

The Elevator Dredge "No. 12," steel hull.—Length over all, 180 feet; breadth of beam, 40 feet; depth of hold, 12.8 feet; average draught, 9 feet; greatest working depth, 52 feet; built at Sorel shipyard in 1912; steel buckets; working capacity per day in hard material 2,000 to 4,000 cubic yards.

The Elevator Dredge "No. 13," steel hull.—Length over all 180 feet; breadth of beam, 10 feet; depth of hold, 12.8 feet; average draught, 9 feet; greatest working depth, 52 feet; built at Sorel shipyard in 1913; steel buckets; working capacity per day in hard material 2,000 to 4,000 cubic yards.

Self-propelling Elevator Dredge "No. 14."—Steel hull, single screw; length between perpendiculars, 215 feet, 0 inches; breadth moulded, 37 feet 5 inches; depth moulded, 14 feet, 0 inches; mean draught, 9 feet 8 inches; speed 8 knots; greatest working depth, 55 feet; built by the Collingwood Shipbuilding Company in 1914; steel buckets, one cubic yard capacity; Manganese steel lip; working capacity per hour in clay, 800 cubic yards; Lloyd's 100 A.I. dredger class.

Self-propelling Elevator Dredge "No. 15."—Steel hull, single seriew; length between perpendiculars, 215 feet, 0 inches; breadth moulded, 37 feet, 5 inches; depth moulded, 14 feet, 0 inches; mean draught, 9 feet, 8 inches; speed, 8 knots; greatest working depth, 55 feet; built by the Collingwood Shipbuilding Company in 1914; steel buckets one cubic yard capacity; Manganese steel lip; working capacity per hour in clay, 800 cubic yards; Lloyd's 100 A.I. dredger class.

### ROCK CUTTER.

Rock Cutter No. 1, steel hull,—Length over all, 100 feet; breadth of beam, 36 feet; depth of hold, 9.3 feet; weight of ram, 25 tons; hull and machinery built by the Lobnitz Company, Renfrew, Scotland, and re-erected at Sorel shippard in 1912.

### STONE LIFTERS.

Stone Lifter No. 3, wooden hull. Length over all, 108 feet; breadth of beam, 34 feet; depth of hold, 14 feet; built at Sorel shippard in 1903.

Stone Lifter No. 4, steel hull.—Length over all 100 feet; breadth of beam, 32 feet; depth of hold, 12 feet; built at Sorel shipyard in 1910.

Stone Lifter No. 5, steel hull.—Length over all, 100 feet; breadth moulded, 36 feet; depth of hold, 8 feet, 7 inches; depth moulded, 9 feet, 10 inches; lifting capacity, 60 tons; built at Sorel shippard in 1914.

### FLOATING SHOP.

Floating Shop—Wooden hull.—Length over all 91 feet; breadth of beam 27 feet 7 inches; depth at side 7 feet; 1 forge; 1 scraper; 1 emery wheel; 1 drill; 1 lathe; 1 6-horse-power Foss gasolene engine; living quarters for four men; built at Sorel ship-yard in 1908.

### SELF-PROPELLING HOPPER BARGES,

The Self-propelling Hopper Barge No. 1.—Steel hull; single screw; length between perpendiculars 180 feet; breadth moulded 32 feet; depth moulded 14 feet 6 inches; draught (loaded) 12 feet; depth of rubbing keel 5 inches; total draught 12 feet 5 inches; deadweight on above draught 785 tons; indicated horse-power 500; net capacity of hopper 530 cubic yards; built by Messrs. Geo. T. Davie & Sons, Levis, Que., in 1913.

The Self-propelling Hopper Barge No. 2.—Steel hull, single screw; length between perpendiculars 180 feet; breadth moulded 32 feet; depth moulded 14 feet 6 inches; draught (loaded) 12 feet 7 inches; depth of rubbing keel 5 inches; total draught 13 feet; deadweight on above draught 800 tons; indicated horse-power 700; net capacity of hopper 530 cubic yards; built by Collingwood Shipbuilding Company, Collingwood, Ont., in 1915.

### TUGS.

The Ice-breaking and emergency Tug "Lady Grey."—Steel hull, twin screw; length between perpendiculars, 172 feet; length over all 183 feet 6 inches; breadth moulded 32 feet; breadth extreme 32 feet 3 inches; depth moulded 18 feet; draught mean to bottom of flat-plate keel (normal) 12 feet; draught when ice-breaking about 13 feet; displacement in tons at 12 feet draught 1,070; mean speed, at 12 feet draught on 6 runs over measured mile base 14 knots; built by Vickers Sons & Maxim Ltd.. Barrow-in-Furness, England, 1906.

The Tug "Bellechasse" steel hull, twin screw.—Length between perpendiculars 130 feet; breadth moulded 27 feet; draught aft 10 feet 3 inches; draught forward 8 feet 9 inches; indicated horse-power 1,000; built by the Kingston Shipbuilding Company, Kingston, Ont., in 1913.

The Tug "Berthier" steel hull, twin screw.—Length over all 128 feet; breadth of beam 24 feet; depth of hold 12 feet 6 inches; average draught 10 feet; built at Sorel shipyard in 1916.

The Tug "Frontenac" composite hull, twin screw.—Length over all 113 feet: breadth of beam 23 feet; depth of hold 10 feet; average draught 9 feet; built at Sorel shipyard in 1902.

The Tug "De Levis", wooden hull, twin screw.—Length over all, 104 feet; breadth of beam 20 feet; depth of hold 10 feet; average draught 8 feet; built at Sorel shippard in 1902.

The Tug "James Howden", Wooden hull, twin screw.—Length over all, 100 feet; breadth of beam, 21 feet; depth of hold, 10 feet; average draught, 7.5 feet; built at Sorel shipyard in 1903.

The Tug "Iberville", sleet hull, single screw.—Length over all, 90 feet; breadth of beam, 18 feet; depth of hold, 12 feet; average draught, 10 feet; built at Sorel shippard in 1897.

The Tug "Lac St. Pierre", wooden hull, twin screw.—Length over all, 100 feet: breadth of beam, 21 feet; depth of hold, 10 feet; average draught, 7.6 feet; built at Sorel shippard in 1901.

The Tug "Porlneuf", wooden hull, single screw.—Length over all, 85 feet; brendth of beam, 17-3 feet; depth of hold, 9-8 feet; average draught, 8 feet; built at Sorel shipyard in 1905.

The Tug "Chambly", wooden hull, single serew.—Length over all, 84 feet; breadth of beam, 18 feet; depth of hold, 9.5 feet; average draught, 9 feet; built at Sorel ship-yard in 1893.

The Tuy "Emilia", wooden hull, single screw, -Length over all, 84 feet; breadth of beam, 17 feet; depth of hold, 9 feet; average draught, 8 feet; built at Sorel shippard in 1898.

The Tug "Lanoraie", wooden hull, single screw.—Length over all, 84 feet; breadth of beam, 17 feet; depth of hold, 9 feet; average draught, 8 feet; built at Sorel shipyard in 1901.

The Tug "Jessie Hume", wooden hull, single screw.—Length over all. 72 feet; breadth of beam, 17:2 feet; depth of hold, 10 feet; average draught, 8:5 feet; built at St. Catharines, Ont., in 1876.

The Tug "Lothinier", wooden hull, twin screw.—Length over all, 80 feet; breadth of beam, 23 feet; depth of hold, 5 feet; average draught, 7 feet; built at Sorel shippard in 1903.

The Tuq "Cormelia," wooden hull, single screw. Length over all, 84 feet; breadth of beam, 17 feet; depth of hold, 9 feet; average draught, 8 feet; purchased in 1904.

The Tag "Confrecour," wooden hall, twin screw. Length over all, 90 feet; are dth of beam, 22.7 feet; depth of hold, 9 feet; average draught, 7 feet; built at Sorel shippard in 1910.

The Tug "Varennes," wooden hall twin screw. Length over all, 96 feet; breadth of beam, 22 feet; depth of hold, 9 feet; average draught, 7 feet; built at Sorel ship-yard in 1911.

The Tug" Laviolette," steel hull, twin screw.—Length over all, 92 feet; breadth of beam, 22 feet; depth of hold, 9-3 feet; average draught, 7 feet; built at Sorel shippy and in 1912.

The Tug "Lavaltrie," steel hull, twin screw. Length over all, 92 feet; breadth moulded 22 feet; depth moulded, 10 feet; average draught, 6 feet 6 inches; built at Sorel shippard in 1913.

The Tug 'Beconcowr," steel hull, lwin server. Length over all, 100 teet; breadth resided, 22 feet 6 inches; depth moulded, 10 feet; depth of hold, 9 feet; nverage draught, 7 feet; capacity of tire pumps, 1,200 gallons (U.S.) per minute; built at 5 rel shipyard in 1914.

The Tug "Deschaillons," steel hull, twen screw. Length over all, 100 feet; readth moulded, 22 feet 6 inches; depth moulded, 10 feet; depth of hold, 9 feet; average draught, 7 feet; capacity of fire pumps, 1,200 gallons (U.S.) per minute; built at Screll hippard in 1914.

### SOUNDING STEAMER.

Sounding Steamer "Detector," steel hull, twin screw.—Length over all, 140 feet; breadth of beam, 35 feet; depth of hold, 15 feet; average draught, 10 feet; testing bar, 40 feet in width; built at Sorel shipyard in 1916.

### COAL BARGES.

Coal Barge No. 1, wooden hull.—Length over all, 120 feet; breadth of beam, 24 feet; depth of hold, 10 feet; capacity, 360 tons; built at Sorel shipyard in 1898.

Coal Barge "No. 2".—Wooden hull; length over all 125 feet; breadth of beam, 25 feet; depth of hold, 11 feet; capacity, 400 tons; built at Sorel shippard in 1900.

Coal Barge "No. 3".—Wooden hull; length over all, 98 feet; breadth of beam, 28 feet; depth of hold, 12 feet, capacity, 370 tons; built at Sorel shipyard in 1902.

Coal Barge "No. 4".—Wooden hull; length over all, 98 feet; breadth of beam, 28 feet; depth of hold, 12 feet; capacity, 360 tons; built at Sorel shipyard in 1903.

Coal Barge "No. 5".—Steel hull; length over all, 127 feet; breadth of beam, 32 feet; depth of hold, 10 feet; capacity, 545 tons; built at Sorel shipyard in 1911.

Self-propelling Coal Barge "No. 6".—Steel hull; single screw; length over all, 172 feet; breadth moulded, 32 feet; depth moulded, 13 feet; average draught, 10 feet; capacity, 700 tons; fitted with a Brown hoist steam crane and clam of 54 cubic feet capacity; built at Sorel shippard in 1916.

### SOUNDING SCOWS.

Sounding Scow "No. 1".—Wooden hull; length over all, 64 feet; breadth of beam (outside plank, 26 feet 6 inches; depth at side, 6 feet; built at Sorel shipyard in 1896.

Sounding Scow "No. 2".—Wooden hull; length over all, 95 feet 6 inches; breadth of beam (outside plank), 37 feet 9 inches; depth at side, 4 feet 6 inches. Transferred from Prescott agency in 1907, remodeled and improved in Sorel shipyard.

Sounding Scow "No. 3".—Wooden hull; length over all, 77 feet 6 inches; breadth of beam (outside plank), 33 feet 8 inches; depth at side, 7 feet; built at Sorel shippard in 1913.

### WINCH SCOWS.

"No. 1"—Winch scow used for fleet in general.—Length over all, 61 feet 6 inches; breadth of beam (outside plank), 18 feet 8 inches; depth at side, 6 feet; built at Sorel shipyard in 1908.

"No. 2"—Winch scow used for fleet in general.—Length over all, 57 feet 8 inches, breadth of beam (outside plank). 18 feet 6 inches; depth at side, 5 feet; built at Sorel shippard in 1908.

### DERRICK SCOW.

Derrick scow used at Sorel Shipyard in connection with construction and repairs to dredging fleet.—Length over all, 61 feet 6 inches; breadth of beam (outside plank), 28 feet 10 inches; depth at side, 6 feet 6 inches, equipped with a derrick of 5 tons lifting capacity.

# HOPPER DUMPING SCOWS WITH HYDRAULIC POWER FOR CLOSING GATES,

No. 1. wooden hull, with hydraulic power for closing gates.—Length over all, 84 feet, 6 inches; breadth of beam, (outside plank), 20 feet, 8 inches; depth at side, 8 feet, 6 inches; capacity, 150 cubic yards; built at Sorel shippard in 1897.

No. 2, wooden hull, with hydraulic power for closing gales.—Length over all, 84 feet, 0 inches; breadth of beam (outside plank), 21 feet, 0 inches; depth at side, 8 feet, 6 inches; capacity, 150 cubic yards; built at Sorel shippard in 1897.

No. 3, wooden hull, with hydraulic power for closing gates.—Length over all, 91 feet, 6 inches; breadth of beam (outside plank), 23 feet, 10 inches; depth at side, 8 feet, 6 inches; capacity, 200 cubic yards; built at Sorel shippard in 1898.

No. 4, wooden hull, with hydraulic power for closing gates. Length over all, 95 feet, 0 inches; breadth of beam (outside plank), 25 feet, 0 inches; depth at side, 9 feet, 6 inches; capacity, 200 cubic yards; built at Sorel shippard in 1898.

Nos. 5 & 6, wooden hulls, with hydraulic power for closing gates.—Length over all, 95 feet, 0 inches; breadth of beam (outside plank), 25 feet, 6 inches; depth at side, 9 feet, 6 inches; capacity, 200 cubic yards; built at Sorel shipyard in 1899.

### HOPPER DUMPING SCOWS WITH HYDRAULIC POWER FOR CLOSING GATES.

No. 7, wooden hull, with hydrautic power for closing gates.—Length over all, 99 feet, 0 inches; breadth of beam (outside plank), 25 feet, 6 inches; depth at side, 9 feet, 6 inches; capacity, 200 cubic yards; built at Sorel shippard in 1901.

No. 8, wooden hull, with hydraulic power for closing gates.—Length over all, 98 feet, 0 inches; breadth of beam (ontside plank), 25 feet, 6 inches; depth at side, 9 feet, 6 inches; capacity, 200 cubic yards; built at Sorel shipyard in 1901.

No. 9, wooden hull, with hydraulic power for closing gates.—Length over all, 101 feet, 0 inches; breadth of beam (outside plank), 27 feet, 0 inches; depth at side, 9 feet, 6 inches; capacity, 300 cubic yards; built at Sorel shipyard 1901.

Nos. 10 & 11, wooden hulls, with hydraulic power for closing gales. Length over all, 93 feet, 0 inches; breadth of beam (ontside plank), 27 feet, 6 inches; depth at side, 8 feet, 6 inches; capacity, 250 cubic yards; built at Sorel shippard 1913.

Nos. 13 & 13, wooden hulls, with hydraulic power for closing gates. Length over all, 100 feet, 0 inches; breadth of beam (outside plank), 27 feet, 0 inches; depth at side, 10 feet, 6 inches; capacity, 300 cubic yards; built at Sorel shipyard 1902.

No. 14.—Wooden hull, with hydraulic power for closing gates.—Length over all, 92 feet 8 inches; breadth of beam (outside plank), 25 feet; depth at side, 8 feet 6 inches; capacity, 200 cubic yards; built at Sorel shipyard 1905.

No. 15.—Wooden hull, with hydraulic power for closing gates.—Length over all, 93 teet; breadth of beam (outside plank), 25 feet; depth at side, 9 feet; capacity, 200 cubic yards; built at Sorel shipyard 1905.

No. 16. Wooden hull, with hydraulic power for closing gates.—Length over all, 93 feet 6 inches; breadth of beam (outside plank), 25 feet; depth at side, 8 feet 6 inches; capacity, 200 cubic yards; built at Sorel shipyard 1909.

No. 17.—Wooden hull, with hydraulie power for closing gates.—Length over all, 91 feet 6 inches; breadth of beam (ontside plank), 25 feet 6 inches; depth at side, 8 feet 6 inches; capacity, 200 cubic yards; built at Sorel shipyard 1909.

Nos. 18 and 19.—Wooden hulls, with hydraulic power for closing gates.—Length over all, 93 feet; breadth of beam (ontside plank), 27 feet 6 inches; depth at side. 8 feet 6 inches; capacity, 250 cubic yards; built at Sorel shipyard 1911.

No. 20.-Wooden hull, with hydraulic power for closing gates.-Length over all. 93 feet 6 inches; breadth of beam (outside plank), 27 feet 6 inches; depth at side, 8 feet 6 inches; capacity, 250 cubic yards; built at Sorel shipyard 1912.

No. 21.-Wooden hull, with hydraulic power for closing gates.-Length over all, 93 fcct 9 inches; breadth of beam (outside plank), 27 feet 9 inches; depth at side 8 feet 6 inches; capacity, 250 cubic yards; built at Sorel shipyard 1912.

No. 22.—Steel hull, hydraulic power, fitted with valves instead of gates for carrying sand.—Length over all, 108 feet; breadth of beam (moulded), 21 feet; depth at side, 12 feet; capacity, 200 cubic yards; built at Sorel shipyard 1912.

Nos. 23 and 24.—Steel hulls, with hydraulic power for closing gates.—Length over all, 100 feet; breadth of beam (moulded), 29 feet; depth at side, 10 feet 3 inches; capacity, 250 cubic yards; built at Sorel shippard 1915 and 1916.

Nos. 25 and 26.—Steel hulls, with hydraulic power for closing gates.—Length over all, 100 feet; breadth of beam (moulded), 29 feet; depth at side, 9 feet 3 inches; capacity. 235 cubic yards; built at Sorel shipyard 1913.

Nos. 27, 28, 29 and 20.—Steel hulls, with hydraulic power for closing gates.— Length over all, 140 feet: breadth of beam (moulded), 30 feet; depth at side, 11 feet 9 inches; capacity, 450 cubic yards; built at Sorel shipyard, 1914.

Nos. 31 and 32.—Steel hulls, with hydraulic power for closing gates.—Length ever all, 100 feet; breadth of beam (moulded), 29 feet; depth at side, 10 feet 3 inches; capacity, 250 cubic yards; built at Sorel shipyard, 1915.

Nos. 33 and 34.—Steel hulls, with hydraulic power for closing gates.—Leugth over all, 100 feet; breadth of beam (moulded), 29 feet; depth at side, 10 feet 3 inches; capacity, 250 cubic yards; built at Sorel shipyard in 1916.

### FLAT SCOWS.

Flat Scow No. 1, wooden hull.—Length over all, 99 feet; breadth of beam (outside plank), 27 feet; depth at side, 10 feet 8 inches; built at Sorel shipyard, 1901.

Flat Scow No. 2, wooden hull.—Length over all, 100 feet; breadth of beam (outside plank), 27 feet; depth at side, 10 feet 10 inches; built at Sorel shipyard, 1902.

Flat Scow No. 3, wooden hull.—Length over all, 62 feet; breadth of beam (outside plank), 18 feet 8 inches; depth at side, 6 feet 6 inches; built at Sorel shipyard, 1908.

SUMMARY.

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	Cu	l l	er	S																				
	Li	ťt	er	S																				

Rock Cutters,	1
Stone Lifters	3
Floating Shop	1
Hopper Barges (Self-propedling)	2
Tugs	
Sounding Steamer	1
Coal Barges	6
Sounding Scows	
Winch Seows	
Derrick Scows	
Anchor Scows	
Dumping Scows	
Flat Scows	

Dredg

# APPENDIX No. 4.

### SOREL SHIPYARD.

Sorel, 28th May, 1917.

The Deputy Minister of Marine, Ottawa, Ont.

Sir,—I have the honour to submit the following annual report of work done at Sorel shippard during the fiscal year ending 31st March, 1917:—

At the commencement of the fiscal year, 1st April, 1916, the winter repairs and renewals of the St. Lawrence Ship Channel fleet were practically completed and the outfitting in progress, also the engaging of the crews for the new season's work.

The Richelieu river was clear of ice on April 10, 1916, and the St. Lawrence river at Sorel on 23rd April, 1916.

The first dredge of the fleet left Sorel to go into commission on the 7th May, 1917.

During last season's working, the vessels were all maintained in a good and serviceable condition and the necessary operating repairs carried out without undue detention to the working of the fleet.

# REPAIRS TO DOMINION STEAMERS.

C.G.S. Lady Grey.—This vessel is employed in winter as an ice-breaker and the repairs are done during fall.

The principal repairs were as follows during the season:

To gunwales, to railing in the after part of the boat.

The forward part of main deck was doubled with rough board, and there was a general overhauling of deck equipment.

Engine: Repairs to machinery, fan engine was overhauled, controlling shaft of

the steering gear overhauled along the top of the boilers.

The main engine and circulating pump, the producing valves, dynamo engines, motors and electric wiring had a general overhauling. The steam pipes were put in good order. O'Neil's system of forced draft piping was renewed.

Boilers: Tubes in two after boilers renewed. Front plates of the fires overhauled

and put in good order.

Dampers in force draft chimneys repaired. Girders in the four boilers were well tightened. Necessary pipe covering was done. Inner smokestack was renewed. Water circulators installed in the four boilers, 48 pieces in number.

C.G.S. *Dollard*. This vessel operates below Quebee and had repairs made there. The only repairs done here during summer were as follows: The boiler had a few stay bolts caulked and the bridge wells renewed; 4 only handles for the scraper were made and 24 wooden fenders 9 inches by 3 feet were also supplied.

C.G.S. Frantenac.—Summer repairs (hull): Had ordinary repairs to hull and machinery.

Winter (hull): Repairs to deck, bulwarks, gunwales, coamings, fenders; seven new frames put in in way of bunker; alteration to stern tow posts; electric bells over-handed; boats made in accordance with new Act, and the vessel thoroughly cleaned and painted as usual.

Engine repairs: Rocking shaft brasses of both engines were adjusted. The pony nump had general repairs. One new piston made and notions repaired. The valve reds were also repaired.

Boiler: Repairs to bottom of smoke box.

C.G.S. Bellechasse: This vessel, working below Quebec had only a few pieces of machinery supplied by the shippard and shipped by the Canada Steamship Lines during summer.

Winter repairs were done at Quebec, the vessel being under steam early this spring. Electricians were sent from the shippard to overhaul the electric system on board.

### REPAIRS TO VESSELS OF PUBLIC WORKS DEPARTMENT.

C.G.S. Speedy.—Winter repairs: To deck houses, doors, windows, etc.

Floor and guard plates were renewed where necessary.

Some caulking was done to decks. Rail and boat davit repaired. Repairs to rudder and chain arrangement. The vessel was painted all over.

Engine repairs: Condenser stop ferrule fitted to aft box. New plug for main ash back. Sirens and main whistle overhauled. The electric system was overhauled. One complete ash ejector made. Fitting up of engines and auxiliaries, overhauling of piping.

Boiler: Necessary welding and caulking done to boiler, also chipping, cleaning and painting inside of boiler.

Tug Storm King.—Winter repairs (hull): This vessel was hauled out on the ways on November 20 and had hull caulked, tested all over and recaulked where necessary. Doors and windows overhauled and repaired where necessary. Housings on top deck were lengthened by about 6½ feet to make accommodation for capstan and provided with berth, doors and windows. The fresh-water tank on upper deck was renewed. Ventilators were repaired and waste pipe renewed, the steering-gear engine overhauled; one spar sprocket-chain supplied and cable of steering apparatus on main deck renewed.

The electric-apparatus engine, dynamo, wiring, and main engine were thoroughly overhauled and all machinery put in good condition. Accommodation for cook on starboard side was renewed, bed scating increased; connection under valve-plug for oil or steam, entirely of modern type. Lignum vitæ renewed and a coat of paint applied all over as usual.

Boiler: The stays in the bottom of the combustion chamber at the back plate were welded, side seams of bottom plate caulked and 40 additional stay-bolts fitted.

Tug Witherbee.—Winter repairs: Was hauled out on November 28, 1916, for wintering.

Hull: Bulwark railing was put in good order and repairs made to rudder and to life boats.

Engine: Stern bearing was examined and lignum vitæ renewed, shaft and propeller repaired and adjusted.

The steering gear, bilge and feed pumps, air and condensing pumps, condenser, thrust-block of main engine were examined and all necessary repairs made or parts renewed and put in good condition.

Boiler: Caulking spots all around at the intersections of the two plates, removing the brickwork for chipping and caulking, and welding butts. Also repairs to the yoke plates near the bunker. The back circumferential seam examined and caulked and the cross spout welded.

Tug Ottawa.—During summer, this tug had repairs to her engine, and her stern bearing and shaft lined up.

### REPAIRS TO VESSELS OF CONSTRUCTION OF LIGHTS DEPARTMENT,

All kinds of repairs were made for this department and all necessary equipment was supplied for the construction of lights and maintenance of buoys, such as cleats, bolts, chisels, fairleads, deck plugs, buoy forgings, rings, rods and repairs to buoys, etc. Also repairs to electric wiring of their shops on Sorel wharf, preparation of timber, etc.

C.G.S. Arctylene.—During the summer this vessel had no repairs made here; only 2 cleats 9 inches long were supplied by the shippard.

Winter repairs: Light repairs to main deck. Canvas was renewed on boat and upper decks. Small repairs to rail and covering board. Whistle pipe was renewed and also boiler smoke pipe was renewed. The vessel was painted inside and outside.

C.G.S. Verchères: Was hauled out on July 28, 1916 for repairs to rudder and shoe, had repairs done to stem and sheathing of hull and caulking of butt seams. The null was painted under water-line. The shaft was taken ashore to be examined and new propeller fitted.

In the first part of December, this boat sank in lake St. Peter, having her hull damaged by ice. She was lifted by Construction of Lights officials and brought to Sorel and hauled out on December 9. Necessary repairs were made to the hull which was painted under water line.

Apart from the above repairs, she had only ordinary operating repairs during summer. The boiler was kept in good condition during the summer.

Winter repairs: Repairs were made to rail, bulwark, covering board, decks, wind ws, doors, deck-houses, fenders, guard; and new plate, and new door supplied for forecastle companionways, door casing and boarding renewed, one gangway for passengers and one for freight made. Bulwark panels aft were renewed, and new grating placed over steering gear etc.

Vessel was painted inside and outside.

Engine repairs: Brass on erank shaft was refitted, 3 collars on thrust-block babbitted, piston and electric system overhauled.

Boiler repairs: During winter a new boiler was made and installed on board. Opening in the hull was made to remove the old boiler and install the new one. All connections were remade and replaced where necessary, and new boiler seats, stokehold thoring, new uptakes, boiler grate, etc., were supplied.

C.G.S. Reserve: This vessel was hauled out on December 4, 1916, for repairs to hull which was damaged by ice, and caulked, steel sheathing repaired, also planking, tail shaft and stern bush.

During the summer repairs were made to the deck and to pony-pump plungers and an new smoke-box bottom supplied.

Winter repairs (hull): The deck was caulked, few pieces renewed on deck, small hatch about 12-inch by 15 inch made in main deck aft. Repairs to the upper canvas on deck, one hand tiller was made for rudder; seupper pipes renewed, W.C's, and bath were put in good condition, three windows repaired and three overhauled. Repairs to bulwark made, renewal of wire rope for rudder and also of sheaves and painting on side and aft accommodation completed.

Engine repairs: Brasses for crank-pin, rings to piston, I springs for valve repairs and pony pump, pins, and new crank provided, inspirator and stop valve on steam pipe repaired.

Boiler repairs: Rivet head of crown sheet was repaired and doubling plates at fire door renewed, smoke box doors put in good order, and feed pipes renewed; exhaust pipe was repaired and new plates in bunkers.

C.G.S. Shamrock.—Summer repairs were made to boiler and injector, a new bowl was purchased for W.C. and one boiler plate furnace supplied. Repairs made to one plate on hull.

Winter repairs: This vessel was hauled out for winter on December 18, 1916, for heavy repairs to the hull and renewing stern frame, etc., etc., paint was applied all over as usual.

Engine repairs: Link brass was renewed, link pins turned and links straightened, . guides planed, new piston rings for horse-power spring on L.P. valve. New bolts for engine foundation. Stern bearing repaired and bushed, shaft overhauled. Foundation of engine and of thrust-block was remade, repairs made to thrust-block, general overhauling of piping, new whistle-valve. Provided shaft in bearing, lined winch repaired, pins made for links. Keys, pinion, drum and piston-rings were put in good condition and steering gear, windlass, etc., repaired.

The joints on boiler were eaulked, grate and other parts overhauled.

Launch Margot.—During the winter the hull was put in good order and the engine had a good general overhauling.

C.G.S. Maggie May.—Summer: During the season, 12 fenders and two 25-foot steam hose were supplied by the shippard.

### BUOY SERVICE.

This department was supplied with fittings and material such as scrap for concrete, anchors, rods, shackles, sling chains, etc. Repairs to winter buoys were also made.

### ST, LAWRENCE SHIP CANAL INVESTIGATION.

A good deal of work was done, such as making and repairing gauge boards, iron posts and caps and timber. Also necessary repairs to yacht *Yinkin*, and catamarans, etc. Also work for automatic water gauges, gauge houses, etc.

### NEW CONSTRUCTION.

No. 57.—This vessel named *Detector*, is a twin screw steel steamer of the following dimensions, specially designed and fitted for sounding purposes in the St. Lawrence Ship Channel: Length B.P., 140 feet 0 inches; length O.A., 147 feet 0 inches; breadth moulded, 35 feet 0 inches; depth moulded, 15 feet 0 inches; draught loaded, 10 feet 0 inches; gross tonnage, 607 06/100; net tonnage, 209 47/100; indicated H.P., 532; speed, 12 miles.

The vessel, which was tried under steam in November, 1915, and was completed for commission and went on service early in the spring, from all reports, has given satisfactory service.

No. 59.—This vessel named Berthier is a twiu screw steel tug of the following dimensions, for staff purposes on the St Lawrence Ship Channel Service below Quebec: Length B.P., 120 feet 0 inches; length O.A.,128 feet 0 inches breadth moulded, 24 feet 0 inches; depth moulded, 12 feet 6 inches; draught mean, 9 feet 0 inches; gross tonnage, 368 35/100; net tonnage, 85 34/100; I.H.P., 550; speed, 134 miles.

Good accommodation has been arranged for four officials and for the officers and crew. The vessel was launched on August 28, 1916, and completed sufficiently for a trial which took place on December 2, 1916, when a mean speed of 12½ miles with 490 I.H.P. was obtained. It is hoped to obtain a better result in the spring as the coal used on trial was not good. The necessary work to put the vessel in commission which was not done, owing to approach of winter, will be completed in May, 1917.

No. 60.—This vessel named Argenteuil is a single screw steel steamer for buoy service on the Ottawa river and is of the followin gdimensions: breadth moulded, 21 feet 0 inches; depth moulded, 9 feet 0 inches; draught loaded, 5 feet 6 inches.

The vessel is sheathed on bottom of bilges with elm, as a protection against boulders in shallow waters, where she will sometimes work.

The machinery consists of one set of compound jet-condensing engines 10 inches and 20 inches diameter cylinders by 14-inch stroke, supplied by Messrs. John Inglis & Co., Toronto, one Scotch marine boiler 9 feet 6 inches diameter by 10 feet 0 inches long having a working pressure of 130 pounds per square inch. Machinery and boiler were installed on board on the ways and everything was ready for launching in the late fall but it was considered advisable to keep her on the ways for the winter, complete all the work and launch as soon as possible in the spring. The vessel will be ready for service by the 10th of June, 1917.

No. 62.—This vessel named the Ostrea is a composite single serew steamer of the following dimensions, for the Department of Naval Service for use in the oyster fisheries: Length, B.P., 77 feet 0 inches; length, O.A., 85 feet 0 inches; breadth moulded, 18 feet 0 inches; depth, 7 feet 0 inches; draught, 4 feet 9 inches; gross tonnage, 110, 77, 100; net tonnage, 33 12/100; I.H.P., 120; speed, 9 miles.

The vessel is fitted with one set of compound surface condensing engines having cylinders 10-inch and 20-inch diameter by 12-inch stroke, supplied by Messrs. John Inglis & Co., Toronto, and a Scotch marine boiler 8 feet 6 inches diameter by 9 feet 0 inches, with a working pressure of 420 pounds per square inch.

The vessel was launched July 27, 4916, and went on preliminary trial August 26, and the official trial September 14, when a mean speed of 9 miles, 120 J.H.P., was obtained.

The vessel was put in commission and left for Charlottetown on September 19.

No. 63.—This vessel named Coal Barge No. 6 is a single screw steel coal large of the following dimensions, for use in the St. Lawrence Ship Channel Service: Length, B.P., 165 feet 0 inches; length, O.A., 172 feet 0 inches; breadth moulded, 13 feet 0 inches; draught loaded, 10 feet 8½ inches; deadweight, 750 tons; gross tonnage, 611 93/400; net tonnage, 340 42 400; indicated H.P., 600; speed, 12 miles.

She was completed in the spring of 1916, made several trips to Montreal for coal for the shippard and went into her service at Quebec in the early part of June, worked very satisfactorily all the season and assisted in lifting the buoys for the winter in lake St. Peter, giving very great satisfaction in this work.

No. 67.—This vessel is a steel dumping scow of the following dimensions: Length, O.A., 400 feet 0 inches; breadth moulded, 29 feet 0 inches; depth moulded, 10 feet 3 inches; capacity, 250 cubic yards.

Hydraulic machinery for operating the hopper doors is fitted.

This vessel was launched July 45, 1916.

No. 68. This vessel named Thurlow, of the following dimensions, is a wooden launch fitted with a single screw gasolene engine, for the Department of Naval Service for use at the fish hatcheries at Belleville; Length, 45 feet 0 inches; brendth, 40 feet 0 inches; depth, 4 feet 11 inches; draught, 2 feet 7½ inches; speed, 91 miles.

This launch was ordered August 11, 1916, tried on October 12, and proceeded same day for Belleville.

The engine is a 6-cylinder "Buffulo," of 45 H.P.

Nos. 69:70:71. These vessels of the following dimensions, are three single screw steel trawlers, known as constructions A.B.C. and are being built to the order of the director of ship construction: Length B.P. 125 feet 0 inches; length, O.A., 134 feet 6 inches; breadth moulded, 23 feet 6 inches; depth, 43 feet 6 inches.

As much progress as possible with our stock material was made pending the arrival of the steel ordered for the vessels.

The engines which are of the triple expansion type, having cylinders 12\frac{3}{4}-inch by 21\frac{1}{2}-inch by 35-inch diameters by 24-inch stroke, are being built in the shipyard as are also the boilers which are 13 feet 6 inches diameter by 10 feet 6 inches. Working pressure, 180 pounds per square inch.

These vessels have to be finished by October 31.

Nos. 71-72-73.—These vessels of the following dimensions, are three single screw drifters known as constructions D.E.F., and are being built to the order of the director of ship construction: length, B.P., 84 feet 0 inches; length, O.A., 93 feet 0 inches; breadth moulded, 18 feet 3 inches; depth moulded, 10 feet 11½ inches

As much progress as possible with our stock material was made pending the arrival of the lumber from British Columbia.

The engines, which are of the compound type having cylinders 12-inch and 24-inch by 16-inch stroke, will be supplied to us, but the boilers which are 9 feet 6 inches diameter by 9 feet 0 inches long, 140 pounds working pressure, will be made in the shipyard.

These vessels have to be finished by October 31.

The question of lifeboats on the tugs was taken up with the Board of Steamboat Inspection and an outfit of boats for each was approved, as many as possible of the existing boats were used, and for new boats a standard boat was designed and approved. It is hoped that all these boats will be finished and fitted up early in the summer of 1917.

The question of life-boats on the dredges is now being taken up.

The buoy department has been fairly busy repairing 25 winter buoys for the channel, and making several of the larger buoys. Nine were shipped to various points and we have nine on hand.

### GENERAL.

The shippard lanneh Bronx was maintained in good order and painted.

A new launch named *Leros* was built to replace the *Buffalo*. The same engine was installed on the new launch.

All the fences were kept in good order and whitewashed during the season.

The shippard ways and wharves were repaired and kept in good condition.

The forces employed during the fiscal year varied from 364 in October to 911 in April, and averaged 715 men daily.

The financial statement shows the total amount expended at the shipyard and ship channel to have been \$1.084,769.81.

I have the honour to be, sir,

Yours faithfully,

W. S. JACKSON,

Superintendent of Shipyard.

A. Johnston, Esq.,
Deputy Minister
Marine and Fisheries,
Ottawa.

# THE DEPARTMENT OF MARINE AND FISHERIES GOVERNMENT SHIPYARD, SOREE.

STAIBMENT OF REVENUE AND EMPREMBER OR THE FISCAL YEAR 1916 1917.

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Flect, yard on Re Plant: Twin 3. Self Barge 1-254	Department of Nacal Service, Construction No. 62 Oyster Steamer Construction No. 68 Launch "Thurlow." Hopper Barge No. 2 HARCAS "Tuna" Steamer "Speedy".	"Construction No. 57—Steamer for Testing and Sweeping River St. Lawrence Ship Channel Construction No. 60—Single Serve Buoy Steamer for Service on Ottawa River "Re Construction of Hopper Barge No. 2 at Colling- wood, Out	Re Construction of Dredge No. 16 at Canadiun Vickers Ltd Department of Public Works-Repairs and Supplies to Dredges, etc
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oprintion for River St. Law noted channel actually exampled from the control of the properties of the control o	naturation No. 62 Uyster (16,530 26) assiruction No. 68 Launch (1852 02) Thurbow (17) Thurbow (1852 02) 20,437 51 May S. Tunn (1852 02) 20,437 51 May S. Tunn (1852 02) 30,537 Steamer for testing in sweeping River's Lawrence Ship (Tannel struction No. 60—Single Serew Buoy Steamer Contraction No. 60—Single Serew Buoy Steam	on Service on Ottawa Rayer onstruction of Dredge No. Vickers Ltd artment of Public Works, artment of Railways and Car	t Agency Branch of Mar
To Apprepriation for River St. Law reace Ship Channel actually on pended  by doing Plant: Construction No. 38   Ewin Serw Steel This Construction No. 63   Self Propelling Steel Coal Barge No. 6 Construction No. 64 7 + 4250 Cub. Yd. Steel Dumping Secons Coal Barge No. 6 Construction No. 64 7 + 4250 Cub. Yd. Steel Dumping Secons	Construction No. 62 Oyster Construction No. 62 Oyster Construction No. 68 Launch L.857 09 Hopper Barge No. 2. HMAC S. Thun' Construction No. 57 Steamer for testing in sweeping River St. Lawrence Ship Channel Construction No. 60—Single Serew Buoy Steam	for Service on Ottawa River Rectonstruction of Dredge No. 16 at Canadian Vickers Ltd Department of Public Works. Department of Railways and Canads	" Montreal District Agency " Chief Engineer's Branch of Marine and Usheries
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" Department of Railways and Canals	" Montreal District Agency	" Chief Engineer's Branch of Marine and Fisheries.	" C.G.S. "Acetylene". 1,020 98 " "Bellechasse". 6,267 61 " "Bradbury" 1,112 21	3,749	Tollichae	463	" "Namnock" 9,762 41	' l'rescott Ageney.	" Quebec Agency.	" St. John Agency " Quebee Harbour Commissioners "	" Department of Signal Service " Hydrographic Survey.	" Steamer "Richard W".	" "Sallasia"	" Construction of Steam Trawlers and Drifters	Beauchennia & Cie.		" La Cie Electrique de Sorel"		" Leclaire & Fills,	" J. L. 15, Lectaire, " Munition & Machinery Ltd	" Quebee, Montreal & Southern Ry. Co	"The Sincennes, McNaughton Lines Ltd.	" Ropeal Ceneral de Sorel Sorel Mechanical Shops Ltd	" Sorel Show-Shoe Club" Sorel Shipbuilding & Coal Co. Lt.l.		W. S. JACKSON,	Superintendent of Shipyard.
				0 0 1 8 3 3	21.0 22	18 15	168-25	98 961	15 68	15 68 15 68	269 48 266 70		2 <del>(</del> 2	47.57	1 90	54 74	13 151	243 61	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	132 64	26 <u>67</u> 1	09 67	12 13	4,337 25	00 620 00	. 1,400,410 VI	nt.
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SOREL SHIPYARD, March 31st, 1917.

# THE DEPARTMENT OF MARINE AND FISHERIES. GOVERNMENT SHIPVARD, SOREL.

STATEMENT OF EMPENDITURES ON ACCOUNT OF RIVER ST. LAWRENCE SIIIF CHANNEL STATEMENT, 1917.

	Fuel.	Wages.	Board	Supplies.	Maintenance and Repairs	Proportion of General Expenditure.	Total for each, Vessel.	Grand Total.
Uprating Expenses of Deadging Fleet—Birer St. Laterate: Ship Channel Deadge No. 2. Trug "Mamily" Dredge No. 3. Trug "Emilia" Dredge No. 5. Trug "Berville" Dredge No. 5. Trug "Lanoraie" Dredge No. 5. Trug "Lanoraie" Dredge No. 6. Trug "Lanoraie" Dredge No. 6. Trug "Lanoraie" Dredge No. 10. Trug "Carnelai" Dredge No. 10. Trug "Contreceut" Dredge No. 11. Trug "Contreceut" Dredge No. 12. Trug "Contreceut" Dredge No. 13. Trug "Contreceut" Dredge No. 14. Trug "Lavaltrie" Dredge No. 14. Trug "Lavaltrie" Dredge No. 14. Trug "Beranceut" Dredge No. 15.	\$ 6,365 52 6,365 52 6,125 57 10,127 56 11,125 57 12,125 57 12,125 57 13,125 57 14,135 57 15,125 57 16,125 57 16,125 57 17,125 57 18,125 57 18,125 57 19,125 57 1	% 2.5 % % % % % % % % % % % % % % % % % % %			\$ 35,875   37,875   37,875   37,875   37,875   37,875   37,875   37,975   3		\$ 55.5 \$	
Steamer 'Detector'.	6,385 00	8,079 02	3,341 90	2,260 73	4,872 01	2,462 14	27,400 80	

SESSIUNAL PAPER NO. 2	SIONAL PAPE	R No. 2	1
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1, 112 20 762 82 294 52 335 81 326 74 1, 363 22 281 77	\$92,601 78			:
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1,450 40 861 35 430 71 487 74 436 06 1,529 67 723 87	\$86,016 49			
3,793 02 2,423 87 1,275 49 1,876 99 1,240 66 4,865 82 1,279 62	\$254,463 20			
3, 940 01 2,510 23 140 80 350 90 311 35 75 95	\$268,308 81			
Tug "James Howden".  Tug "Jessic Humo". Stone Lifter No. 3. Stone Lifter No. 4. Stone Lifter No. 4. Rock Cutter No. 1. Floating Machine Shop.	Construction Dredging Fleet.	Dredge No. 1—Hull Renewed Wreek of Steamer "De Levis" Wreek of Tug "Chambly" Re Construction No. 19—Percentage on Plans Re Construction No. 24—Percentage on Plans	Maintenance of Sorel Shipyard	Total Expenditure on account of River St. Lawrence Ship Channel

# APPENDIX No. 5.

# EXPENDITURE AND REVENUE.

STATEMENT OF EXPENDITURE AND REVENUE, MARINE DEPARTMENT, 1916-17

Service.	Appropriation.	Expenditure.	Balance,
Ocean and River Service	\$ ets.	\$ ets.	\$ ets.
Dominion steamers Examination of masters and mates Investigation into wrecks. Removal of obstructions Registration of shipping. Expenses of schools of navigation Cattle inspection. Subsidy to wrecking plant Unforeseen expenses. Winter mail service Two steamers to replace Quadra.	1,180,000 00 16,500 00 12,300 00 20,000 00 3,000 00 5,000 00 45,000 00 5,00 00 11,000 00	14,087 87 4,918 98 1,878 51 2,105 18 4,461 92 2,401 18 37,500 00 266 80 2,921 38	144,748,73 2,412,13 7,381,02 18,121,49 894,82 3,538,08 2,598,82 7,500,00 4,733,20 8,078,62 150,000,00
Total	1,455,800 00	1,105,793 09	350,006 91
Public Works— Ship channel. Dredging plant New ice breaker Allowance to Mde, I. Pinard	1,172,000 00 452,715 00 510,000 00 1,000 00	1,084,769 81 261,221 39	\$7,230 19 191,493 61 510,000 00
Total.	2,135,715 00	1,346,991 20	788,723 80
Lighthouse and Coast Service— Agencies, rents and contingencies Salaries.  Maintenance and repairs to lighthouses. Construction of lighthouses Adminstration of pilotage Repairs to wharves Repairs to maritime roads Pensions to pilots.  Telephones re aids to navigation Breaking ice Allowance to hapbour master, Amherstburg Allowance to Lewis King Signal service Repairing Montmagny. New L. H. and buoy str. Maisonneure.  Total	160,000 00 475,000 00 750,000 00 750,000 00 56,300 00 1,000 00 9,300 00 40,000 00 100 00 60,000 00 70,000 00 25,000 00	462, 406, 58 652, 591, 05 331, 222, 30 44, 435, 78 6, 682, 44 982, 05 8, 700, 00 34, 150, 00 100, 00 100, 00 51, 858, 79 353, 00 21, 969, 75	11, 864 22 3, 317 56 17 95 600 00 500 00 5, \$50 00 8, 141 21 69, 647 00 30 25
Scientific In titutions— Meteorological service	194,713 00	193,886-16	\$26.81
Marine Hospitals and Distressed Scamen— Marine hospitals Distressed sommen Scatter's hospital fund Total	75,000 00 3,000 00 5,000 00 	279 S1 5,000 00	2 720 19
Steamboat In pection Steamboat in pection	79,170 00	67,559 81	11,610 19
Total, marine service Civil government balarie Contingencie	6,355,998 00 217,000 00 46,000 00	1,550,336 46 191,778 35	
Total, salarie and contingencies .	263,000 00	218,447 66	44,552 04

# RECAPITULATION OF SERVICE.

Service.	Appropriation.	Expenditure.	Balance.
Ocean and river	\$ cts.	1,105,793 09	\$ ets. 350,006 91
Public works (capital) Lighthouse and coast Scientific institutions Marine_hospitals	2,407,600 00 194,713 00	1,769,288 90 193,886 16	788,723 80 638,311 10 826 84 16,182 70
Steamboat inspection Civil government salaries. Contingencies	79,170 00 217,000 00 46,000 00	194,778 35	11,610 19 22,221 65 22,330 69
Grand total	6,618,998 00	4,768,784 12	1,850,213 88

STATEMENT OF REVENUE, DEPARTMENT OF MARINE, for Fiscal Year Ending March 31. 1917.

	Gross.	Refunds.	Net.
,	\$ ets.	\$ cts.	\$ cts.
Piers and wharves. Harbours.	85,276 14 1,354 48		84,755 14 1,354 48
Dominion Steamers.			
Champlain.			
Express, \$33.25; freight, \$2,140.22; passengers, \$6,494.68; war tax, \$11.80; meals, \$159.40	8,839 35		
Montcalm.			
Freight, \$22.50; passengers, \$49.35	71 85		
Prince Edward Island.			
Express, \$453.45; freight, \$8,041.30; passengers, \$3,143; war tax, \$52.90; meals, \$104.70; berths, \$14	11,809 35		
Stanley.			
Express, \$159.22; freight, \$1,201.19; passenger, \$596.50; meals, \$29.40; berths, \$95 Winter mail service Signal service dues. Marine register fees. Sick mariners' fund Examination masters and mates. Steamboat inspection fund Engineers' fees. Decayed pilots' fund Fiaes and forfeitures. Casual revenue sundries	842 00 72 32 79,654 45 4,606 43 2,617 68 1,419 00	2,000 2,660 71 6 50 2,088 41	22,801 86 30 00 \$40 00 72 32 76,993 74 4,599 93 2,617 68 1,419 00 5,230 88 468 73 373,313 95 574,497 71

8 GEORGE V, A. 1918
STATEMENT OF SICK MARINERS' DUES COLLECTED.

STATEMENT	OF SICK MAI	RINERS DUES COLLECTED.	
Name of Port.	Collections.	Name of Port.	Collections
Quebec.	\$ cts.	Nova Scotia—Con.	\$ cts
Sorel .	213 40 19,406 88 331 35 1 49 5,176 56 154 58 839 49 13 05 119 35	Lunenburg Middleton North Sydney Parrsboro Picton Port Hawkesbury Port Hood Shelburne Sydney Truro	268 10 0 29 1,021 93 392 52 228 61 17 80 7 30 45 21 2,286 93
	26,256 15	Weymouth . Windsor Yarniouth	84 30 788 29 307 68
Sackville St. Andrews	457 45 476 78 951 72 460 82 52 90 300 00 226 54 10 19 30 20 12,231 40 66 16	British Columbia.  Nanaimo Prince Rupert . Vancouver Victoria	
Your South	15,264 16	Prince Edward Island. Charlottetown	205 47
Arichat. Baddeek	127 81 23 16 12 30 58 02	Summerside	36 56 242 03
Barrington Bridgewater Canso. Digby Halifax Kentville Liverpool Lockeport	8 33 158 34 72 86 162 92 14,149 82 32 10 121 92 13 68	Quebee New Brunswick Nova Scotia British Columbia Prince Edward Island	26,256 15 15,264 16 20,402 17 17,489 94 242 03 79,654 45
		PECTION DUES.	11,1101 10
		B+ tish Columbia.	
Lert William	15 68	Victoria	695 52

Ontario		Betish Columbia.	
Len William	15 68	Victoria	695 52
Quelne		Recapiti tation	
Out for $\nabla c = Sente$	27/84	Ontario Quebec Nova Scotia British Columbia	45 68 27 84 1,848 64 695 52
Halifax North Sydney	1,761 24 84 40 		2,617-68

# MARINE REGISTER FEES.

Name of Port.	Collections.	Name of Port.	Collections.
Ontario.	\$ cts.	Manitoba.	\$ cts.
Midland. Ottawa Pieton. Toronto.	1 00 0 20 3 56 5 44	Winnipeg  British Columbia.	1 40
	10 20	Victoria	5 08
Quebec.  Montreal Quebee.	15 20 20 40	Prince Edward Island. Charlottetown.	1 40
Nova Scotia.  Halifax Liverpool. Lunenburg. Parrsboro.	3 00 4 80 5 60 0 72	Recapitulation. Ontario. Quebec. Nova Scotia Manitoba. British Columbia Prince Edward Island.	10 20 35 60 18 64 1 40 5 08 1 40
ShelburneYarmouth	3 32 1 20 18 64	SIGNAL STATION DUES.  Nova Scotia.  Halifax	72 32 842 00

8 GEORGE V, A, 1918

# List of Harbours and Harbour Masters.

Harbour.	Harbour Master.	Date of Appointment.	Gross Collections.	Remunera- tion.	Net collec- tions.
Nova Scotia.			\$ cts.	\$ cts	\$ cts.
Abbot Harbour	Vacant	Na. 9 1012	7 00	100 00	
Advocate Harbour	Vacant		2 00	100 00	
Annapolis Annapolis Basin	George W. Cammings See Bear River, Clem- entsport, Digby, Port Wade.	April 17, 1915		200 00	
Annapolis Royal	See Annapolis	N 01 1011		200 00	
Apple River	Wallace Green Charles V. Herbîn	May 24, 1911. Nov. 27, 1913	16 50	200 00 200 00	
Arichat West	Lawrence Forest	May 25, 1910	70	100 00	
Aspotogaa Harboar	See Northwest Cove.				
Aspy Bay,	See Bay St. Lawrence. Peter L. McFarlanc.	Mar. 6, 1909		100 00	
Ballantyne Cove	See McNair's cove.				
Barrington	Reaben R. Penny	June 5, 1914	10 50	200 00 200 00	
Bayfield Bay St. Lawrence	David Suttoa James W. Fitzgerald	Mar. 22, 1910 Dec 22, 1910	Nil. 10 00	100 00	
Bay Shore	See Port Lorne.				
Bear River.	William McFadden	Sept. 27, 1897	15 00	100 00 100 00	
Beaver Harbour. Belliveau Cove	Henry Hawbolt Frank LeBlane	Sept. 22, 1888 Dec. 6, 1912	8 00	200 00	
Bevis Port	See Big Harbour				
Big Harbour	Doa, G. McKenzie.	April 18, 1908		100 00	
Big Pond Bourgeois	Vacant. See River Bourgeois.				
Big Bras d'Or—	The River Bourgeois.				
1. New Campbellton.	Duacan Carey.	Feb. 12, 1912	1 50	200 00	
2. Great Bras d'Or	Sec Big Harbour, John M. Leblane	Oct. 9, 1909		200 00	
Alder Pt. to Moore's Pt.	John M. Leonnie	0000		200 00	
4. Little Bras d'Or Lake,					
McKay's Poiat to Wash- abuck river		Sept. 23, 1907		100 00	,
5. Little Bras d'Or lake,	Theene Meleni	rept. 20, 1501		100 00	
McKay'sl'oint to Graad			1		
Narrows	Vacant.	Jan 28, 1896	169 00	100 00	
Bridgewater Canaing	William Oakes . F. A. MeBride	Jan. 18, 1913	105 00	200 00	
Cape Breton Pier	See Glasgow.		1		
Cape Causo	George Oliver Wentworth L. Jenkins.	Feb. 14, 1905 Sept. 28, 1912	73 50	150 00 200 00	
Chebogue. Chester	David Mills	Jan 26, 1915	19 00	100 00	
Cheticamp	Fulgence Aucoin	April 15, 1876	3 50	100 00	
Clark Harbour	John G. Nickerson. Charles I. Stronach	Mar. 23, 1904	23 50	200 00 150 00	
Clementsport Colemans Cove.	See Northwest Cove.	Apr. 27, 1917		100 00	
County Line to Grand Nar-					
rows	Vacant.				
Country Harbour Cow Bay	See Isaac Harbour. See Port Moriea.				
Cranberry Point	See Little Narrows.				
Crow Harbour	See Queensport.	1)00 00 1011	7 00	100 00	
D'Escousse Digby	Aimie Langlois. Howard Anderson	Dec. 23, 1911 June 19, 1902	29 00	200 00	
East Bay	Vacant.				
East Jeddore	See Jeddore.				
Englishtown . Fourchie	See St. Aans Bay. Vacant.				
Freeport	Fred B. Prince	May 2, 1912	4.50	200 00	
French Village	See St. Margarets Bay				
Tycker Cove Gabarys	See St. Anns George Harris.	Feb. 22, 1911		100 00	
	The second secon				

LIST of Harbours and Harbour Masters-Continued.

Harbour.	Harbour Master.	Date Appointm		Gross Collections.	Remunera- tion.	Net Collec- tions.
Nova Seotia—Con.				\$ cts.	\$ ets.	\$ ets.
Glace Bay, Little	E. Douglas Rigby	Apr. 8.	1884	16 50	200 00	
Glasgow	Donald J. Mc Kinnon  See County Line to Grand Narrows.  See Big Harbour.			38 00	300 00	
Green Cove	See Port Mnitland.					
Guysborough	Thomas O'Connor	Mny 13	1913	1,832 00	100 00 1,800 00	32 00
Hall's Harbour	James Watson	Nov. 16,	1912	1,002 00	100 00	02 00
Hantsport	Wm. McCulloeh	Jan. 17,	1902	21 00	300 00	
Hubbard CoveIndian Bay	See Jordan Bay.	Nov. o,	1915.	4 00	200 00	
Ingonish, North Bay of	Angus McLean	Apr. 21,		4 00	200 00	
Ingonish, South Bay of		May 16, 1 Jan. 19, 1		$\begin{bmatrix} 4 & 50 \\ 23 & 50 \end{bmatrix}$	100 00 100 00	
Ingram River International Pier	Michael J. Neville			690 00	300 00	390 00
Isaae Harbour	Thomas D. Cook	June 19, 1	1900 .	21 50	100 00	
Jeddore Joggins Mines	James E. Jennox Anthony Brine	Aug. 5, 1	1010	7 00	100 00 200 00	
Jordan Bay	Freeman P. Thorburn	Mar. 11, 1	1901		150 00	
	Stephen J. Keddy Geo. Henry Zwicker	Oet. 3, 1	1914		100 00	
Lahave River L'Ardoise, Upper and Lower Larry's Head River	George Burke	Aug. 29, 1	1884 .	54 00	300 00 100 00	
Lingan Liscomb	Vacant. Lewis Wilson	Feb. 20, 1	1900	22 50	260 00	
Little Glace Bay Little Narrows to Cranberry	See Glace Bay.	1				
Point Liverpool	Vacant. William A. Smith	July 13, 1	1916	184, 50	200 00	
Lockeport	William A. Smith Geo. James Locke	April 2, 1	1906	35 00	100 00	
Louisburg	Thomas Bernard Peck Deputy— Angus Chas. Beaton	April 19,	1917	716 50	200 00	366 50
Lower East Jeddore	See Jeddore,	poep 11, 1	1919		150 00)	
Lower L'Ardoise	See L'Ardoise.					
Lunenburg	See Port Latour. Joshua B. Heckman, jr	Oot 1 1	1000	181 00	200 00	
Mabou	William F. Rankin	Feb. 18, 1	1915		100 00	
Mnhone Bay		Feb. 18, 1	1908	20 00	200 00	
Main-à-Dieu	Vacant. Donald McDonald	July 26, 1	1892		200 00	
Margarce.	Frederick P. Chiasson	Mar. 6, 1	1909		100 00	
Margarets Bay Margaretville	See Margaret Bay. Joseph Cleveland (Actg.)			5.00		
Marie Joseph	Charles A. Dixon	Feb. 2, 1	1907	5 00 3 50	100 00	
Merigomish	Thos. B. Olding	Mar. II, 1	[910]		200 00	
Meteghan Harbour Meteghan River	James McLair Luke A. Comeau	June 1. 1	1897	12 00	100 00	
Middle South Harbour.	See Lunenburg.			1		
Musquodoboit	Thomas Williams Daniel Y. McNeil	May 31, 1	1905   600		100 00 200 00	
MeNairs Cove	Ronald McEachen	Mnr. 8, 1	1875 . [		150 00	
	James Smith		917	8 50	200 00	
	Reuben Payne See Bras d'Or (1).	July 15, 1	300		100 00	
New Haven	Vacant.	D 00 1	014	10.00	200 00	
	John A. Hines See Cape Negro.	Dec. 29, 1	914	10 00	200 00	
Northport	Robert Drander			11 50	100 00	
North Sydney Northwest Cove	Ronald MacDonald	Jan. 9, 1	915	773 50	200 00	173 48
Orangedale	John A. Martin	July 3. 1	914.		100 00	
Ostrea Lake	See Musquodoboit,	May 9 1	012	106.50	200.00	
Tarrenorg,,,,,,	william R. Huntley	May 8, 1	912	106 50	300 00 1	

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# LIST of Harbours and Harbour Masters-Continued.

Harbour.	Harbour Master.	Date of Appointment.	Gross Collections.	Remunera- tion.	Net Collec- tions.
Nova Scotia—Con.			\$ ets.	\$ ets	\$ cts.
Petitdegrat Pembroke	Elias Bois		9-50	200 00	
Petite Riviere Bridge. Plaster Harbour	Joseph N. Parks	April 27, 1888		100 00	
Port George. Port Greville. Port Hastings. Port Hawkesbury. Port Hood. Port Latour.	Vacant. Austin Graham George L. McLean John Lamey John H. Murphy William Sholds	Feb. 15, 1908 June 2, 1909 July 9, 1875	32 00 43 00 63 50 2 00 1 50	200 00 200 00 200 00 200 00 200 00	
Port Lorne Port Maitland Port Medway Port Morien Port Mulgrave.	Thomas Templeman Jacob W. Raymond Joseph Hopkins Heetor McDonnld Joseph Moore	Oct. 11, 1916 . Feb. 20, 1914 . Feb. 13, 1903 . March 3, 1879 . Jan. 20, 1912 .	2 05 22 50 1 50 23 00	200 00 200 00 200 00 400 00 200 00	
Port Wade	Abraham Holmes Peter Belliveau Peter Stewart Under Harbour Commi	Nov. 25, 1911 Mar. 16, 1912 ssion.	25 50	200 00 100 00 100 00	
Queensport	Alex, Carr. Elias Canille Bouchie. Daniel Fougere. Winfield Y. Theal Hugh Campbell.	April 19, 1886 Aug. 12, 1889 July 24, 1905	3 50	By H.M. 100 00 100 00 100 00 100 00	
Riverport Riteey Cove Cape Sable Island Sambro	Ammon Riteey Now Riverport. See Clark Harbour. Henry W. Smith	Feb. 18, 1913	22 00 8 50	100 00	
Sandford	Henry W. Bourgoyne Vacant. John M. Jordan	Feb. 18, 1915 . May 13, 1912 .	125 50	100 00	
Sherbrooke	See St. Mary River, Hector Siteman Now "St. Anns." See St. Mary River,	Feb. 22, 1911	4 50	100 00	
South Bar South West Cove Spencer's Island Sydney.	See Victoria Pier. North West Cove. Baxter McLellan See International Pier, Victoria Pier, Glasgow.	May 22, 1899	24 00	100 00	
St. Anns, Englishtown St. Ann St. Ann Bay St. Ann Harbour	See St. Anns Bay. Now St. Ann Bay and St. Ann Harbour. Duncan McCaskill Alex, McLeod	May 2, 1913 April 16, 1909	16 00	200 00 200 00	
St. Anns, including Tucker's Cove. St. Margarets Bay St. Marys River	See St. Anns Bay. Henry C. Harrison Solomen E. Pride	Feb. 18, 1902 Mar. 20, 1914	1 00 4 50	100 00 200 00	
St. Peters Tangier Tatamagouche Tenny Cape	Peter McNeil Alex, Mason William Rielly William Stephen	Sept. 17, 1883 July 19, 1912 June 1, 1900 Sept. 16, 1912	2 50 0 50	200 00 200 00 200 00 200 00	
Tidnish Tiverton Torbay Tusket Tusket Wedge	Robert B. Davidson Joel Blackford Isainh Fougere Cyrille Doucette See Wedgeport.	Feb. 19, 1910 April 3, 1900 Aug. 25, 1903 Nov. 21, 1902	1 50 12 50	100 00 100 00 200 00 100 00	
Upper L'Ardoise Upper Port Latour Victoria Pier Wallace	See L'Ardoise, See Port Latour, Vacant, James D. Patton	Feb. 14, 1898	2 50	100 00	

List of Harbours and Harbour Masters-Continued.

		1					1		1	=
Harbour.	Harbour Master.		Oate oint	of ment.		oss ctions.	Remun tion		No Colli	
Nova Scotia—Con.					\$	ets.	8	ets.	\$	ets
Walton	Clifford M. Parker	Ang.	4,	1916 .		20 00	200	00		
Washabuck	Henry A. LeBlane	Mar.	3,	1911		11 50	100	00		
West Bay Westport	Resigned. Wm. B. Welch	Dee.	21,	1912			200	00		
Westport	puty(To act in absence of H.M)	Mar.	30,	1914		23 50				
Weymouth	See Sheet Harbour. Vacant.									
Whitehead Whitehaven Whitepoint	Levi Munro	Feb.	8,	1909				00		
Whitepoint Whyeocomagb Windsor	John J. Donahue Norman Matheson	April July	19, 6,	1917 1909			100	00		
Wolfville	J. Loran Franklin	Aug.	16,	1901		64 00 9 00 8 50		00		
Woods Harbour	Nickerson, Gideon R. M. Ferguson	Nov.	27,	1913	1.			00		
Total									961	1 98
New Brunswick.										
AlmaBald Cape	Gideon W. Parsons Cormier, Joseph L	May	2,	1898	4	16 00		00		
BathurstBlacks Harbour and Beaver	Daly, Michael T	April	15,	1907		99 00		00		
HarbourBuctouche	Cross, Elias W	Sept.	17,	1883				00		
Campbeliton	Doherty, W. W	Oct.	9,	1912 .		48 00	200	00		
Campobello	James Lenteignc	June	11,	1913		3 00	150	00		
	Robert J. Walls Claude Brown (Deputy)	May	29.	1912		04 50	300	00	4	1 50
CocagneDalhousie	James Wallace	June May	23, 5,	1905 1916		10 50		00		
Dipper Harbour		Oct.	25.	1900		16 50 4 00		00		
Fairhaven		July	31,	1901				00		
Grand Manan, Northern	Joseph E. Gaskell See Whitehead, Grand Harbourand Seal Cove Harbour.	Mar.	20,	1907		8 00	100	00		
Grand HarbourGull Rock	Williard A. Ingalls William E. Kiscaden	Dec.	11,	1915				00		
marvey	Henry W. Crocker	Dec.	25.	1915	1	0 00	100	00		
Heron ChannelHillsborough	James T. Gallagher	June	25, 26,	1911		33 50		00		
Hopewell Cape Joggins Joggins, North	See Rockland.	Јипе	26,	1899		1 00	200	00		
Letete, Baek BayLoggieville	H. W. Harris			1906 .		1	100	00		
Moncton Musquash Newcastle	Ezra P. Cook	Sept.	28,	1912 1896 . 1904			200 100 300	00		
North Head Pokemouche	See Grand Manan.			1901		- 1		00		
Port Elgin Richibucto	Charles Trenholm James A. Jardine	April May	3, 11,	1907 1874 .		9 50	200 200	00		
Saekville	Elijah Chase	May	11,	1904		1 50 6 00	200 100			

8 GEORGE V, A. 1918

# List of Harbours and Harbour Masters -Continued.

Harbour	Harbour Master.	Date of Appointment.	Gross Collections.	Remuner- ation.	Net Col- lections
New Brunswick—Con.			\$ cts.	\$ ets.	\$ ets.
Shediac Shemogue, Great.	Joseph M. Hebert	Sept. 9, 1914		300 00	
Shemogue, Little	Vacant. Cyprien Gionet	June 26, 1912	S 50	100 00	
Shippigan, Little Miscou Gully.	Vacant. William Clark	Dec. 23, 1911.		100 00	
St. Andrews St. George	Allan Stewart	April 3, 1912.	54 00	100 00	
St. Martins. St. Stephen	Alfred Vaughan Andrew MeWha	Nov. 1, 1912 July 9, 1914	41 00 23 00	100 00 100 00	
St. Stephen, Ledge of	Theodore Holmes	Dec. 17, 1913.		100 00	
Tormentine Tracadie	Treen, Mathias S Fred, Drysdale	May 13, 1901. April 1, 1916.		200 00 100 00	
Verte, Baie.	See Port Elgin.	три 1, 1310.		100 00	
Waterside	Ira A. Copp	Jan. 25, 1913.	. 2 00	400 00	
West Isles . Whitehead	Benj. Simpson Andrew II. Chency	Sept. 27, 1901. Feb. 28, 1913	5 50	200 00 100 00	
Total					4 50
Quebec.	John Cassidy	2 0 1070	1	200 00	-
Amherst . Bersimis	Laurent Thibault	Sept. 2, 1878 Dec. 13, 1905	1	200 00	
Bie	Ferd. Bellavance	April 25, 1912	20.00	200 00	
Bonaventure Cape Cove	Ambroise Gauthier Robert J. Lanfesty	Mar. 28, 1916 June 7, 1912	26 50	100 00 200 00	
Caplan	Theophile Bourdages	April 11, 1907		100 00	
Carleton	Wilfrid Allard Henry A. Boisly	Feb. 12, 1916		200 00 200 00	
Chicoutimi. Escoumains	Vacant.	June 5, 1917		200 00	
Gascons, Anse Aux	John Mourant	June 28, 1905.		100 00	
Gaspé	Francis J. Eden	April I, 1889. July 10, 1907.		500 00 200 00	1
Grand River	George Belliveau	April 25, 1912.		100 00	
House Harbour.	Gregoire Lafrance Under Montreal Harbour	Dec. 12, 1910	38 50	200 00	
Lachine	Commission.				
Malbaie, Barachois de	John Thompson	May 27, 1913.	5 00	200 00	
Maria Matane	Arthur Cyr Joseph Levesque	Mar. 29, 1905. Jan. 20, 1912	61 50	100 00 200 00	
Metis	John H. Ferguson	Mar. 10, 1896.	01 00	200 00	
Montmagny.	Raoul Fournier	May 23, 1913	17 00	200 00	
Montreal	Under Harbour Com- mission.				
New Carlisle	John Chisholm	June 5, 1905		100 00	
New Richmond Nogvelle.	Valmond LeBlane, Joseph Casey	Mar 17, 1915 Jan. 3, 1903	23 00	200 00 200 00	
Oak Bay	Thomas Harper	Sept. 11, 1909	51 50	200 00	
Paspebiac.	Louis H. Castilloux	Mar. 25, 1915	23 00	150 00 100 00	
Percé Port Daniel	Eugene Donoghue Benjamin Langlois	Oct. 10, 1903 Feb. 26, 1907	30 00	200 00	
Quebec .	Under Harbour Com-				
Rimouski	A. P. St. Laurent	May 13, 1896	23 50	200 00	
Riviere du Loup	F. Eroile Gilbert.	Oct. 5, 1902		100 00	
Sault au Mouton Sorel	Chas. Ed. Nolet. Pierre Lavallee.	April 11, 1907 Feb. 5, 1912	617 50	200 00 500 00	147 50
St. Godfroy.	Jacques Grenier	June 5, 1905		100 00	
St. Johns	George II. Farrer	Mar 20, 1897	417 50	*636_00	
St. Omer St. Thoroas de Montmagny,	Mexander Laviolette,	Aug. 1, 1914	15 00	200 00	
now Montingny.				0.00	
Tadoussac Trois Pistoles	Auguste Gingras	June 6, 1906 Nov. 25, 1911		200 00 100 00	
Three Rivers	Octave Drapeau Under Harbour Com-			100 00	

<sup>\*</sup> Including \$36 for inspecting buoys.

List of Harbours and Harbour Masters-Continued.

Harbour.	Harbour Master.		Date oint	of ment.	Gı Collec	oss ctions	Remui ation			ol- ions.
Ontario.			r		8	ets.	\$	ets.	\$	cts.
Amherstburg	George Gott							00		
Bronté Byng Inlet Belleville	Thomas Joyce Harry Grasswell Under Harbour Commission.	Feb.		1912				00 00		
Collingwood	Hughes, Robert Vacant.	Nov.	25,	1913 .		33 00	300	00		
Port William	Samuel G. Scagel	Aug.	1,	1914 .		283 50		00		
French River	Charles D. D. Udy Malcolm McDonald	April	17.	1912 . 1912 .		16 50		00 (		
Hamilton	Under Harbour Com- mission.									
Little Current	W. D. Ritchie	April	. 3,	1912.		32 00		00		
MeafordMidland	William Cooke William McClinchey	Aug.	16.	1913 1913		$\frac{8}{108}$		00 (		
Owen Sound	William Henry Smith	April	25,	1912		33 50	200	00		
Oshawa Parry Sound	William Thos. Henry Lavoie, Thomas J	Aug.	10,	1904				00 (		
Penetanguishene	Dusome, McKay	Mar.	10,	1916	١,	12 - 50	200	00		
Port Arthur Port Hope	Basile Guerard Under Harbour Com-	may	21,	1094		05 00	300	00		
Port McNicholl	mission. See Victoria Harbour.									
Port Stanley	F. R. Dale James Claus	Aug.	13,	1912		$\frac{22}{6} \frac{00}{00}$		00 (		
Sarnia	Robert McAdam	May	3,	1886				00		
Snult Ste. Marie	Sydney L. Penhorwood (on active service).									
Southampton	J. D. H. Browne (actg.)	May Oct.	12,	1912 1882		17 50		00 00		
TrentonVictoria Harbour	mission. Joseph Coutts Thomas Nottingham	May	1.	1911		33 50 62 50	200	00 .		
Whitby	John Watson, jr	June	4,	1912		14 50	200	00		
Winnipeg and St. Boniface	Under Harbour Com- mission.									
British Columbia.										
Burrard Inlet—now Vancou-										
Chemainus. Comox. Departure Bay.	Benj. S. Abrams See Nanaimo.	April June	24, 10,	1906 1914		33 50 18 50		00	118	8 50
Esquimalt Ladysmith Nanaimo New Westminster	Ira E. Lowe	June Oct.	26, 26,	1912 1905		23 50 22 00			12:	2 00
	mission. W. B. Shields Under Harbour Com-	Feb.	15,	1908	1	S4 00	400	00		
Ocean Falls	mission. Samuel D. Raymond	Mar.	29,	1917			. 200			
Pender Prince Rupert	Ed. McCoskrie	Sept.	19,	1916 .		29 00	200			
Quadra Snug Cove Vancouver	Vacant. William Jos. Davies Under Harbour Com-						. 200	00		
Victoria	mission. Charles E. Clarke	Y	9	1004	5	82 00	600	00		

8 GEORGE V, A. 1918

List of Harbours and Harbour Masters-Continued.

Harbour.	Harbour Master.	Date of Appointment.	Gross Collections.	Remusera- tion.	Net Col- lections.
Prince Edward Island.			\$ ets.	\$ ets.	\$ ets.
Alberton	Albert L. Kinch	July 19, 1912 .		200.00	
Belle River		Sept. 18, 1914 .		200 00	
Bay Fortune	John R. Coffin			200 00	
Brudenell	John A. Gordon	Oct. 26, 1905		200 00	
Cardigan.	Hereyles McDonald.	July 2, 1878 .		200 00	
Cardigan River	Donald MacKenzie	June 14, 1913		100 00	
Charlottetown	Joseph Ryaa	May 3, 1912	135 00	400 00	
Cove Head	Malcolm S. Kielly	April 23, 1904 .		100 00	
Crapaud		June 17, 1874	4 00	200 00	
Egmont Bay	Albert A. Moore.	Mar. 18, 1916		200 00	
Georgetown		Dec. 17, 1912	9 50	200 00	
Grand River	Isaac Howlett	Aug. 26, 1912	1	200 00	
Grand Tracadie	James J. Me Aulay			200 00	
Hillsboro	See Charlottetown.				
Port Hill	Vacant.				
Malpeque	John Hickey	May 8, 1915		200 00	
Miminegash	Mnrk D. Lney	Jan. 30, 1914	4 00	100 00	
Montague	D. T. Stewart (temp.).	April 27, 1913			
Murray Harbour	Gabriel Billard	Oet. 30, 1913.	4 50	200 00	
Murray River	Vacant.				
New London	Jonathan Delaney	April 28, 1914	1 50	200 00	
Pinette	John D. McDonald	Oct. 22, 1903	1 00	100 00	
Pownall	Vacant.	1			
Rollo Bay	Vacant.	1			
Rustico, North	Thomas Pineau	June 9, 1914	2 00	200-00	
Souris, E. and W.	loseph Tiernay	May 15, 1905	31 00	200 00	
Summerside	John Matheson	Feb. 8, 1907		200 00	
St. Peter Bay.	George Barry	May 3, 1901		200 00	
Tignish	Vacant.				
Tryon	Vacant.				
Upper Cardigan River	See Cardigan River.				
Vernon River bridge.	John l'ialay.	Oct. 9, 1884		200 00	
West River	Vacant.				
Wood Island	James Young.	May 22, 1899	0.50	100 00	

# HARBOURS and Officers of Harbour Commission.

Harbour.	Chairman.	Secretary.
Ontario.		
Toronto Hamilton	B. L. Hyman Lionel H. Clarke Geo. J. Guy H. H. Burnham	John Lee. H. E. Waterman.
Quebec.		
Montreal Quebee Three Rivers	W. G. Ross D. O. Lesperance. Jas. F. Bellefeuille.	Chas, Smith.
Manitoba.		
Winnipeg or St. Bouiface	J. H. Ashdown	E. Stewart.
British Columbia.		
New WestminsterVaneouver		
Nova Scotia.		
Pietou	D. Sutherland	H, B. Ross.

# 8 GEORGE V. A. 1918

List of Wharves and Wharfingers.

Burks Falls				Department
Barry's Bay Bayswille. Blind River. Bracebridge. Brighton Bronte Burks Falls. Bruce Mines.			p.c.	\$ cts.
Bracebridge. Brighton Bronte Burks Falls. Bruce Mines.	Stephen E. Smith	Aug. 25, 1905	25	
Bracebridge. Brighton Bronte Burks Falls. Bruce Mines.	Jas. D. Smith Wm. H. McGanley	Sept. 25, 1906 .	25 50	285 90
Bronte Burks Falls Bruce Mines Cache Bay				200 00
Burks Falls	W. S. Strong Thos. Joyce		25 25	27 00
Bruce Mines	A. J. Collins.	Feb. 8, 1907	25	21 00
Cache Bay	A. J. Collins. Wm. Fleming Bower Bain	April 15, 1902	50	86 14
Chute à Blondeau	Ovila Cousinean	May 28, 1916	25 40	72 64
Cobourg				1
Cockburn Island Cooks Bay	D. J. McLeod	June 29, 1910	50	
Depot Harbour	Wm. H. Hoppins	May S, 1907 .	25	
Echo Bay	T. H. MeWatters Under Militia Dept.	June 5, 1912	25	
Goderich	Malcolm McDonald	Мат. 7, 1913	25	119 54
Haileybury (3 docks)	W. J. McLean	May 19, 1917	25	250 08
Hilton Honora	Peter Brown	Mar. 25, 1912 May 12, 1909	50 25	152 60
ATHREST HEC	Leased to town	Aug. 29, 1911	\$35 per annum.	
Kagawong	11 11 11 11 1 1 1 1 1 1 1 1 1 1 1 1 1	A 1 \$000	25 25	168 96
Kingsville Lakeport	Wm. H. Black J. Dougherty.	Oct. 17, 1914	25	
Lancaster, South	John Munro	Sept. 19, 1912	25 25	20 84 296 01
Leamington	J. Dougherty. John Munro J. E. Johnson Charles Knapp Ovide Dubois, acting	Feb. 6, 1906	25	290 01
L'Orignal	Ovide Dubois, acting .	July 7, 1913 .		50 00
Maganatawan Michipicoten Harbour	Conrad Ross		25 25	54 04
Midland	John Yntes	Oct. 26, 1905 .	25	371 18
Morpeth Nipissing.	C. Stammers	Aug. 1, 1894	25 25	
New Liskeard .	J. C. Chapman	Sept. 8, 1916	25	71 13
North Bay	J. C. Chapman. J. H. Kennedy Wm. T. Henry	Dec. 16, 1915	50	53 81
Oshawa Owen Sound	Leased to Grand Trunk	Aug. 10, 1904	\$400	
	Ry, by P.W.D.			
Parry Sound Wharves	Under agency of Marine Dept.	`		
Parry Sound wharves	Leased to town.			
Pelee Island	Thos. Lowe	Mar. 7, 1913	\$200	. 190 07 36 60
Port Finlay	John Cownrd		50	0000
Port Rowan			25	31 31
Port Whitby . Portland .		Sept. 30, 1912 Sept. 25, 1915	25	31 31
	E E Pattison	Feb   19, 1915	50	52 27
Providence Bay Richards Landing Rondeau	James Burnside Jaroes Claus	Mar. 16, 1912 Nov. 27, 1913	50 25	105 88 10 80
Rossport	Traince Carrier	11011 211 1010		
TEASTER SECTION	J. D. H. Brown	July 15, 1916	\$100 per month	1,190 41
Sault Ste. Marie	Glen Robbins	July 13, 1916	25	27 74
Scuddar .	H. K. Quick.	May 21, 1915 . July 17, 1911	25 25	
Silvercentre Silverwater	Pickering, H Chas. K. Kent	May 28, 1909		
Southampton	H. Farmer.	May 24, 1912	25	42 35
Sturgeon Falls. Summerstown	A. Bonneville	May 25, 1910	25	
Temiskaming Lake.	See Villemarie. Haileybury. New Liskeard.	20, 1010	2.17	

List of Wharves and Wharfingers-Continued.

Locality.	Wharfinger.	Date of Appointment.	Remuneration Allowed.	Amount forwarded to
				Department
Ontario—Con.			pe.	\$ cts
Omario—Con.				,
Tenby Bay Thessalon			25 50	
Treadwell		April 20, 1914 .	50	40 94
Wendover	. M. St. Pierre		50 25	56 62
Wiarton		Берт. 12, 1910	±••J	
	Watt for 3 years		25	50 00 149 50
Windsor.	. Isaac Watts	March 18, 1916 .	20	
Total				4, 198 69
Montreal District.				
Agnes (St. Agnes)	L. A. Roy	Nov. 27, 1891	25	
Angers	Vacant.			5 00
AylmerBoueherville		April 17, 1913 .	25	}
Cap de la Madeleine	. Vacant.			
Cascades		May 27, 1907	50	
Coteau du Lac	. A. St. Amour	July 4, 1912	50	0 1
Coteau Landing	N. Beriault		50 25	32 50
Desjardins East Templeton		May 13, 1912 April 28, 1914	50	25 25
Fassett	F. Thomas		50	30 0- 27 6
GrahamGreece Point			50 25	210
Hudson	. C. Bertrand	June 25, 1912	50	61 7
He Perrot (North)		May 30, 1910	25 50	51 6
He Perrot (South) Knowlton Landing		Mar. 23, 1910	25	22 5
Laeolle		Mar. 8, 1894	25	
Lake Megantie		June 10, 1906.	50	42 7
Masson	. O. Daonst	May 2, 1913.	\$100 per annun	72.5
Montebello Papineauville	E. Major	July 3, 1915 April 10, 1912	50 50	105 0
Peel Head Bay	A. N. Roy	. Jan. 8, 1907	25	10.7
Pointe à Valois				19 7
Pointe Fortune Port Lewis	S. Carson	Dec. 17, 1912.		15 6
Rigaud	O. Malette	Oct. 14, 1907	50	60 1
Sabrevois		July 23, 1915.	25 up to 300	57 0
St. Anicet	Moise Cote	Aug. 30, 1913.	50	93 7
Ste. Anne de Bellevue St. Denis		May 21, 1908	50	89 4
St. Mare	Vacant.			
St. Zotique	. Vacant.	Oat 27 1016	25	24 1 76 9
Thurso			25	
Vaudreuil	O. Boileau	Mar. 14, 1914	50	33 3
Vercheres Victoria Bay		April 21, 1916	25	
Ville Marie	J. J. Maillard	Feb. 2, 1899	25	
			Total	955 1
Quebec District.				
The state of the s	J. C. Boudreau	July 1, 1913	25	315 6
Anse à L'ean	Vacant.			140 3
Anse à L'Islet	S. A. Huard	May 5, 1912.	25	17 3
Anse St. Jean	E. Lavoie	Feb. 27, 1917.	\$25 per annum	103 0

8 GEORGE V, A. 1918

List of Wharves and Wharfingers-Continued.

Fee Fee Man	v. 7, 7, 16, 27, 16, 27, 27, 27, 27, 27, 27, 27, 27, 27, 27	1912 1913 1916 1916 1913 1917 1908	50 25 \$20 per annum \$25 per annum \$50 per annum 25 25 25 25 25 25 25 25 25 25 30 per annum 50 50 Nil. 25 50	\$ cts.  85 44 55 44 55 44  85 50 154 19 7 12 1,780 94 112 50 175 06 121 03 475 88  122 09 189 27 94 21  67 39 715 11 7 42 73 90
Fee Fee Man	v. 7, v. 16, v. 16, v. 16, v. 16, v. 16, v. 27, v. 17, v. 17, v. 17, v. 18, v. 27, v. 18, v. 18, v. 19, v.	1905 1912 1917 1917 1916 1916 1916 1916 1915 1912 1914 1916 1904 1917 1912 1913 1916 1916 1916 1917 1918	50 25 \$20 per annum \$25 per annum \$50 per annum 25 25 25 25 25 25 25 25 25 25 25 30 per annum 50 50 Nil. 25 50	55 44  85 50 154 19 7 12 1,780 94 112 50 175 06 121 03 475 88  122 09 189 27 94 21  67 39 715 11 7 42
Fe' Fe' Ma Fe' Jun Jar Jun Ap Ap Ap Jar Fe' Jar Fe' Ag Aa	27, 27, 20, 15, 24, 24, 24, 24, 24, 27, 29, 22, 22, 22, 22, 22, 22, 22, 22, 22	1917 1916 1912 1917 1916 1915 1912 1914 1916 1904 1917 1912 1913 1916 1916 1916 1917 1908	\$25 per annum \$50 per annum 25 \$125 per numum 25 25 25 25 25 25 25 25 25 25 30 per annum 50 50 50 Nil. 25 50	154 19 7 12 1,780 94 112 50 175 06 121 03 475 88 122 09 189 27 94 21 67 39 715 11 7 42
Jun Jan Jan Jan Ap Ap Ap Ap Jan Fe' Jan Fe Fc Fc Aa Ma Ma Fe' Ap	27. e 23	1917 1916 1916 1915 1912 1914 1916 1904 1917 1912 1913 1916 1916 1916 1913 1917 1908	\$125 per numum  25 25 25 25 25 25 25 25 30 per aunum  50 50 Nil. 25 50	1,780 94 112 50 175 06 121 03 475 88 122 09 189 27 94 21 67 39 715 11 7 42
Fe Jar Fe Fe Ma Ma Fe Ap	. 30, ril 27, ril 18, . 15, e 30, . 27, . 20, . 14,	1915 1912 1914 1916 1904 1917 1912 1913 1916 1916 1913 1917 1908	25 25 25 25 25 25 \$30 per aunum 50 50 50 Nil. 25 50	175 06 121 03 475 88 122 09 189 27 94 21 67 39 715 11 7 42
Fe Jar Fe Fe Ma Ma Fe Ap	. 20, 0. 14, 0. 24, 0. 24, r. 14, r. 29, p. 22,	1912 1913 1916 1916 1913 1917 1908	\$30 per annum 50 50 50 50 Nil. 25 50	189 27 94 21 67 39 715 11 7 42
Fel Fel Ma Ma Fel Ap	o. 14, o. 24, o. 24, r. 14, r. 29, g. 22,	1913. 1916 1916 1913 1917. 1908	50 50 50 Nil. 25 50	94 21 67 39 715 11 7 42
Fel Ma Ma Fel Ap	<ul> <li>24,</li> <li>14,</li> <li>29,</li> <li>22,</li> </ul>	1916 1913 1917 1908	50 Nil. 25 50	715 11 7 42
Fel	22,	1908	50	
  See		1912	\$25 per annum	
3.5	26.	1907	\$50 per annum	71 78 100 00 47 95 177 44
Jar Fel	. 20, b. 27,	1907 1912 1917 1913	50 \$146 per munum 25	83 31 165 30 34 26
. Jur Fel	o. 27.	1914 1917	50 25% to \$100, also \$50.	328 50
Fel	27,	1912 1917	\$25% and \$25	10 30 130 45 100 00
No	v. 11,	1913 1915 .	25 50	60 55 50 00 124 58
. Fel	. 27.	1917	25 and \$35 25 25	140 00
			Total	6,784 96
	. 00	1010	0.5	10 03
Mn Jan Jun Ma	y 21, 25, e 5, y 4,	1915 1913 1915 1917	25 25 25 25 25 25 25	88 12
Ma Fel	y 2, 26,	$\frac{1892}{1904}$	25 25 25	0 68 2,090 52
	Sep Ma Jan Jun Ma Jun Ma Fel Oct	Sept. 20, May 21, Jan. 25, June 15, June 15, June 23, May 2, Feb. 20, Oct. 19,	June 5, 1915 May 4, 1917 June 15, 1912 Jun. 23, 1914 May 2, 1892 Feb. 26, 1994 Oct. 19, 1912	Sept. 20, 1916 May 21, 1915  Sept. 25, 1916 May 21, 1915  June 5, 1915  May 4, 1917  June 15, 1912  June 15, 1912  June 15, 1914  May 2, 1892  Feb. 26, 1904  25 and \$35  Total  25  25  Total

List of Wharves and Wharfingers-Continued.

		4		
Locality.	Wharfinger,	Date of Appointment.	Remuneration allowed.	Amount forwarded to Department.
New Brunswick—Con			p.e.	\$ ets.
Caraquet	J. L. Foulem	Dec. 30, 1916	25	59 47
	Vacant.		25	
Coles Point	J. B. Tower	June 21, 1909	25	
Dalhousie			25	164 14
Dipper Harbour Edgetts Landing	Moses Steeves	July 8, 1915 Mar. 27, 1912	25 25	39 72 107 43
Gardners' Creek	J. J. Armstrong	Dec. 22, 1909	25	107 49
Grandigue	E. Babineau	Nov. 12, 1914	25	
Great Salmon River	L. A. Bishon	May 15 1017	25	
Hopewell Cape	W. B. Jamieson	Dec. 17, 1915	25	
Hopewell Hill	F. J. Robinson	July 17, 1909	25	
Kingston Lameque	G Chiasson	Sept 8 1915	25	186 65
Leonardville	ĺ	Берг. о, 1919	20	130 03
Little Aldouane	Vacant.			
Loggieville	A. J. Fraser	Nov. 15, 1915	25	
Main River	A. S. Murray	Mar. 1, 1906	25	
Miscon Harbour	H. Harner	Ang 21 1915	25	
Moneton Neguac	E. P. Cook	April 17, 1915.	25	98 93
North Head, Grand Manan	S. Dinsmore	Dec. 19 1916	25 25	4 61
Oromocto	Vacant.	2500.		4 01
Partridge Island	Vacant.		2.0	
Petit RocherQuaco	J. Bondreau	Aug. 27, 1909	25	48 72
Rexton		Aug. 2, 1911	25	45 12
Richibueto	See Main River.			
ShediacShippigan	J. L. Gallant	Dec. 7, 1916 April 6, 1910	25 50	150.00
Stonehaven		April 0, 1910	30	153 02
Salmon River, E. and W	See Great Salmon River.			
St. Andrews	S. H. Rigby	Nov. 24, 1914	25	
St. John (Sand Point) Docks 6			į	
and 7	E. C. Elkin	Nov. 16, 1910	25 Not to exceed \$1,500 in any	26,262 75
			one year.	
St. John West—{Dock 15 Dock 16	Agent of Marine Dept	Mar. 18, 1917 April 4, 1917		34,647 75
St. Louis	Vacant.			
St. Martins	A. Vaughan	Nov. 5, 1912	25	
St. Nicholas.	J. Grant	Sept. 27, 1905.	25 25	
St. Nicholas	W. M. Beattie	Dec. 18, 1915.	25	
Tracadie	L. Brean	Oct. 12, 1910 .	25	2 79
Two Rivers		May 27, 1913	25	
Welchpool	Vacant.			
			Total	63,974 66
Nova Scotia.				
Advocate	Vacant. Now Castle Bay.			
Annapolis Royal	D. H. Cutler	Mar. 21. 1912	25	5 75 47 10
Arisaig pier	Vacant.	ł		
Babins Cove	S. N. Vigneau	Jan. 20, 1914	25 25	9 13 13 52
Babins Cove	A. S. McDonald	Nov. 25, 1912	25	255 14

8 GEORGE V, A. 1918

LIST of Wharves and Wharfingers-Continued.

Locality.	Wharfinger.	Date of Appointment.	Remuneration allowed.	Amount forwarded to Department.
Nora Scotia—Con.			р.е.	\$ ets.
Bakers point	Vacant.	1 01 1000	0.5	00 45
Barrington Passage Barrington Head	J. H. Christie T. D. Swaine.	Aug. 21, 1896. Mar. 10, 1916	25 25	98 45 4 57
Bass River	Vacant.	Mai. 10, 1510	~~	
Battery Point	C. D. Gatez	Nov. 25, 1915	25	13 72
Bayfield	G. Prowse	Jan. 20, 1914 . Oct. 29, 1912.	50 25	3 85
Bear point Bear River	C. O. Vienot A. W. Dunn	Sept. 12, 1913	25	0.89
Belliveau Cove	S. C. Theriault	Nov. 24, 1892	25	103 17
Berlin Enst	Not yet transferred.			
	E. W. Perry	April 30, 1913 .	25	9 40
Boularderie Centre.	Vacant.	April 1 1016	25	
Brighton Broad ('ove (Digby).	G. H. Adams Vacant.	April 4, 1916	20	
	John Teal	lune 12, 1913 .	25	
Broad Cove (Marsh)	II. McDonald .	Oct. 19, 1892	25	20.75
	G. McLeod.	Mar. 30, 1914 .	25 25	53 57
Brule Burlington	Geo, McLanders.	Jnn. 8, 1916 .	20	
Chebogue	Sec Town Point.			
Canada Creek	Henry Dickey	Aug. 12, 1899.	25	5 32
Canning	F. A. MeBride	Nov. 16, 1912	25	53 98
Canso Cape St. Mary	J. Meagher B. Doucette	Dec 13, 1905 Feb. 8, 1907.	25 25	23 93
Carrs Brook	B. Doucette	reb. 6, 1907.		
Castle Bny	R. H. McNeil	Mar 14, 1914	25	
Centreville	A. Ward	May 28, 1899	25	126 33
	Vacant	A	25	
Chipman Church Point	H. Thorpe D. Thibodeau	April 11, 1907 June 2, 1913	25	
Clifton	Vacant.	5011	20	
Comeau's Cove	V. S. Comenu	Oct. 20, 1916	25	
Cranberry Head	A. Shaw	May 26, 1903		15 55
Cribben's Point	A. R. Boyd So Broad Cove (Digby).	Oct. 2, 1895		
Cape Cove				
Deep Brook	See St. Mary Cape. 1, C. W. Ditmars.	Dec. 2, 1911		0.49
Delaps Cove	R. W. McCaul.	Nov. 28, 1889		27 10
D'Escousse	A. Langlois	Aug. 26, 1912 Feb. 5, 1912		3,494 88
Digby . Drum Head	I. O. Dakin Vacant.	Feb. 5, 1912		0,101
Eagle Head.	N. Leslie .	Jan 9, 1889	25	
East Bay .	A McGillivray	Aug. 3, 1903	50	
East Ferry.	C. E. Harris	Oct. 29, 1915	25	
East River Ecum Secum	Vacant, Vacant,			
Englishtown	Vacant.			1
Freeport	J. Stevens	May 8, 1912	25	48 57
Fruids Point	Vacant,			
Gabarus Grand Narrows	Vacant. Vacant.			
Granville Centre.	H. Roney	July 6, 1903	25	45 34
Great Village	Unwant		* *	
Halls Unrbour		Nov. 16, 1912	50	56 55
Hampton	Vacant.			21 10
Hantsport Harbour au Bouche	Vacant			
Harbourville	W. H. Perry	Oct. 28, 1914	25	13 00
Horton's Landing	F. G. Curry	April 30, 1898	25	6 44
	Vacant.			
Indian Harbour				
lona (new).	C. J. Comuron	Dino 5 1915	25	
lona (new).	C. I. Cameron	June 5, 1915	25	
lona (new).	Vacant.	June 5, 1915 Jan. 30, 1902	25 25	3 14

LIST of Wharves and Wharfingers-Continued.

	1	1		
Locality.	Wharfinger.	Date of Appointment.	Remuneration allowed.	Amount forwarded to Department
Nova Scotia—Con.			р. с.	\$ ets.
Jordan River	J. S. Keddey		25	
Lismore Little Tancook Island Little Narrows				
Little Narrows	Vacant.	T. 1		
Maidand (Hants Co.)	. U. E. Denton	reb. 5, 1912	25	21 19
Margaree Harbour Margaretville Meteghan Cove Minasville Meteghan River.	A. R. McDongall. W. F. Early M. S. Robichaud	Aug. 19, 1916. Jan. 15, 1912 Dec. 7, 1909.	25 25 25	66 63
Minasville Meteghan River	Vacant. C. F. Melanson	Sept. 1, 1915	25	70 63
Minasville. Middle County. Middle County. Mill treek Monday Point. Morden. MeNairs Cove. New Edinburgh. Newellton. Noel Northeast Harbour. Oak Point. Ogilvie. Ostrea Lake. Owl's Head Port Bickerton. Port Clyde Port Dufferin Port George Port Greville. Port Hastings. Port Howe. Port Howe. Port Howe.	Vacant. D. McIntosh	Aug. 20, 1892	25 25	
Monday Point Morden	Vacant. L. Graves	May 4, 1916.	50 50	25 33
McNairs Cove	H. S. McDonald	June 23, 1916	25 25	
Newellton	1. J. Penney	Dec. 30, 1916	25	2 59
Northeast Harbour Oak Point	Not transferred.	Dec. 1, 1915	25	544 6
Ogilvie Ostrea Lake	J. L. Swindle	Mar. 1, 1907 Aug. 15, 1917	25 25	
Port Bickerton	D. Faimer, jr	April 18, 1910.	25	
Port Clyde Port Dufferin	G. Swain	April 1, 1915.	25 25	26 76
Port George	Vacant.	1, 1011		
Port Hastings Port Hawkesbury	C. McDonald F. McInnes	Dec. 11, 1915 Mar. 20, 1907	25 25	22 10 148 03
Port Hood	Sce Port Phillip. I. P. Smith J. I. McAdams E. R. Reynolds. T. Templeman J. W. Raymond I. Leslie. W. A. Brunn G. Mills E. H. Johns	Dec. 20, 1912	20	
Port Joli Port Latour Port Lorne	E. R. Reynolds	Feb. 5, 1900. May 23, 1914	25 25	15 3
Port Lorne Port Maitland	T. Templeman	Oct. 11, 1916. Feb. 20, 1914	25 25	32 2: 16 7:
Port Mouton Port Morien	I. Leslie	Oct. 17, 1912 . Oct. 2, 1912 .	25	1 1
Port Phillip	G. Mills. E. H. Johns.	Nov. 24, 1916	25	46 5
Parker Cove	E. H. Johns D. Robinson	April 3, 1912 Dec. 13, 1913	25 25	21 4- 6 59
Partridge Island	.   Sec Partsboro.			
Portapique	O. White.	Aug. 15, 1916	25	
Phinney Cove Pickett's Wharf Pictou Island	F. A. EatonVacant.	Ang. 2, 1899.	25	23 43
Plympton.	W. K. Smith	Ang. 8, 1890.	25	9 27
Plymouth Poulamond Rays Creek	C. N. Pertus	Feb. 22, 1902 Nov. 18, 1911	25 25	19 15
Rays Creck	F. W. HarrisVacant	Dec. 3, 1915	25	5 4:
Sandford	. See Cranberry Head.			
Salmon River	J. F. LeBlanc	Nov. 25, 1913 Aug. 25, 1888	25 25	2.7
Scotch Cove Seal Island.				
Shag Harbour	H. L. Shand	Jan. 31, 1916.	25	25 21
Sheet Harbour	See East River and West River.			

8 GEORGE V, A. 1918

LIST of Wharves and Wharfingers-Continued.

Locality.	Wharfinger.	Date of Appointment.	Remuneration allowed.	Amount forwarded to Department
Nora Scotia—Con.			р. е.	\$ ets.
Shelburne	A. McCarthy	Sept. 19, 1916	25	42 14
Short Beach Spencer Island Swims Point Tancook	Vacant. H. E. Grant. J. A. Crowell. H. B. Slaughenwhite	June 24, 1911 Mar 21, 1913 Jan. 28, 1915	25 25 25	26 76
Tenny Cape Tidnish Tiverton Town Point. Tracadie Tupperville	Vacant. R. A. Smith. B. Blackford. J. A. Huley Vacant.	Sept. 27, 1901 Oct. 17, 1906. Aug. 16, 1901	25 25 25 25	58 51
Tusket Wedge Victoria Pier Wallace, S. Side "N. Side	Vacant. Vacant. Vacant.	Aug. 13, 1911	25	
Walton Washabuek West Arichat Wharf West Head (Cape Sable) Westport	Vncant. J. McNeil C. J. Terrio H. N. Newell W. E. Kent	May 15, 1916 Oct. 28, 1915 Feb. 7, 1910. Sept. 16, 1912	25 25 25 25 25	55 49 46 23
West Pubnico West River Whitchead	E. L. Munroe. E. A. West	Oct. 23, 1906 Jan. 9, 1889	25 25 25 25	21 15
White Point Whitewaters Why cocomagh Wolfville Wreck Cove	H. S. Winter. D. Livingstone. J. L. Franklyn. Vacant.	April 22, 1913 Dec 22, 1906 Oct. 22, 1901	25 25 25 25	13 06 28 44
			Total	\$6,021 69
Prince Edward Island.				
Aitkens Shore Pier Aitkens Ferry . Annandale	See Aitkens Ferry. J. A. Hewitt I. H. Howlett Vacant.	April 3, 1912 Aug 26, 1912	25 25	87 42
Bayside wharf Bayview . Bellast . Brushwharf .	D. V. Fleming T. McLellan H. A. McDonald	June 11, 1915 Jan 8, 1915 Sept. 30, 1914	25 25 25	1 26 76 76 22 23
Campbell Cove breakwater Chapel Poiat Wharf Charlottetown	Vacant. R. H. McCormack Under agency of Dept. of	July 19, 1912	25	16 44
China Point Clilton. Crapaud .	Marine. Wm. S. N. Crane. J. Gunn See Victoria Pier.	Sept. 18, 1885 May 24, 1900	25 25	2,413 25 25 86
Egmont Bny Freach River Georgetown Grand River South	Wro, J. Harding R. R. Jenkins Wm, A Crossman	April 21, 1916 Oct. 14, 1902 Jan. 14, 1914	25 25 25	21 40
Grand River Greek river Haggerty wharf Hickeys wharf	See Annandale Wm. Butler J. Callaghan P. McGuirk	April 24, 1911 June 25, 1912 April 2, 1914	25 25 25	12 76 24 64 26 06
Higgins Shore Hurds Point Kiers Shore Lamberts Pier Lewis Point	A. A. Moore. M. R. Holland Wm. Hodgson W. A. Johnstone J. G. Serimjeour	Jan 31, 1916 May 21, 1913 June 10, 1895 May 3, 1900 May 22, 1915	25 25 25 25 25 25	3 00 97 78 36 60
Montague, Lower Mount Stewart Mink Hiver Murray Harbour South Murray Harbour North	Sc. Aitkens Ferry, D. Birt (neting) B. S. Richards G. Billard Sc. Mink River	Sept. 1910 Jan 19, 1909 June 14, 1913	25 25	29 69 10 50 16 87

List of Wharves and Wharfingers—Concluded.

Locality.	Wharfinger.	Date of Appointment.	Remuneration Allowed.	Amount forwarded to Department
Prince Edward Island—Cen.			ре	\$ cts.
Nine Mile Creek	J. D. Christian C. MeDonald		25 25	16 61
Newport North Cardigan Oysterbed Bridge	H. McDonald H. Gallant	May 23, 1914 . May 22, 1912.	25 25	55 21
Red Point		Oct. 13, 1896 May 24, 1912	$\frac{25}{25}$	26 39
Souris South River Sturgeon Stephens	Vacant. Wm. Griffin See Lamberts Pier.	Nov. 9, 1912 .	25	27 35
St. Marys Bay Tignish	G. H. Hieken Wm. A. Gaudet		25 25	20 95
West Point	Vacant.	Sept. 30, 1912	25 25	48 31 203 25
Wood Island	J. Young	April 10, 1899	25	7 04
			Total	3,337 63
British Columbia.  Kaslo Ladysmith Langley. Massett Mirror lake. Sidney.	T. D. Conway Vacant. Vaeant. C. C. Coehrane	Feb. 6, 1906	25	. 3 35
Stewart		* -	m 1	
			Total	5 33
Manitoba.				
Selkirk Vietoria Beach	J. A. Hunt	May 3, 1912.	25	

### RECAPITULATION.

Wharfage.		Harbour Dues.
\$ ets.		\$ ets.
4,198 68	Ontario	
955 17		
6,784 96	Quebec District.	147 50
63,974 66	New Brunswick	4 50
6,021 69	Nova Scotia	961 98
3,337 63	Prince Edward Island	
3 35	British Columbia	240 50
85,276 14	Total	1.354 48

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STATEMENT of the Leases of Wharves. Piers or Breakwaters, under the control of the Minister of Marine and Fisheries, and of the conditions of these Leases as issued under Chapter 17 of the Statutes of 1909, by the said Minister.

Locality.	Period.
Cap Bald, N.B., rent of space on C.G. wharf. Lameque, N.B., rent of warehouse on wharf. L'Islet, P.Q. St. Nicholas, P.Q. Cap aux Corbeaux, P.Q. Bale St. Paul. Les Eboulements St. Irenée. Murray Bay. Cap à l'Aigle St. Simeon. Rivière du Loup. Tadoussac. Anse St. Jean. St. Alphonse. Chicoutimi.	Yearly from 1916.  Three years from 1916.  " 1916. " 1916.  Yearly from 1916.
Pointe Esquimaux. Goderich Sand beach. Windermere, Ont. Goderich, rent of two sections. Midland, Ont. Windsor, Ont. Huntsville, Ont.	Twenty-one years from 1907. Three years from 1915. Yearly from 1913. Three years from 1915. Yearly from 1916. Three years form 1911, renewed yearly from 1914.

# STATEMENT of Expenditure of Marine Branch from Confederation to March 31, 1917.

1868	 	 	 	 \$	371,070	5.6	1893 \$ 898,720	0.3
1869	 	 	 	 	360,899	9.0	1894 905,654	34
					367,189	11	1895 895,828	28
1871	 	 	 	 	389,537	12	1896	4.9
1872	 	 	 	 	518,958	49	1897	9.0
1873	 	 	 	 	706,817	92	1898	5.0
1874	 	 	 	 	845,150	9.0	1899 1,102,601	9.0
					844,586	0.9	1900	97
1876	 	 	 	 	970,146	27	1901 1,029,925	32
1877	 	 	 	 	820,054	38	1902 1,501,618	88
1878	 	 	 	 	786,156	23	1903 1,671,494	77
1879				 	785,359	4.7	1904	31
1880		 	 	 	723,390	89	1905 4,747,722	81
1881	 	 	 	 	761,730	62	1906 5,066,252	66
1882	 	 	 	 	774,831	53	1907 3,637,599	8.2
1883	 	 	 	 	825,010	82	1908 5,374,774	18
1884	, .	 	 	 	927,241	61	1909 4,692,806	
1885		 	 	 	1,129,901	14	1910 4,197,420	24
1886		 	 	 	980,120	59	1911-12 4.911.140	67
1887	 	 	 	 	917,557	31	1912-13 5.213.223	55
1888	 	 	 		883,250		1913-14 5,828,027	
1889	 	 	 	 	1,023,801	34	1914-15 6,202,908	
1890	 	 	 	 	807,417		1915-16 5,621,610	
					885,410		1916-17 4,768,784	12
1892	 	 	 	 	861,426	80		

# APPENDIX No. 6.

#### METEOROLOGICAL SERVICE.

TORONTO, May 11, 1917.

The Deputy Minister of Marine, Ottawa, Ont.

Sir,—I have the honour to submit the forty-sixth annual report of the Meteorological Service for the fiscal year ended March 31, 1917.

Meteorological returns have been received at the central office from 582 stations, inclusive of 42 new climatological stations, but exclusive of 110 storm signal stations.

The following are the new stations, together with the names of the observers:-

Hudson Hope, B.C.—J. A. Macdougall.
Anyox, B.C.—F. E. Patton.
Michel, B.C.—Crow's Nest Pass Coal Company.
Castlegar, B.C.—Arthur E. Pittaway.
Ioco, B.C.—A. Clarke.
Surf Inlet, B.C.—A. Trott.
Saanich Mountain—T. T. Hutchinson.
Van Anda, B.C.—W. Kirkness.
Lillooet, B.C.—W. E. French.
Lytton, B.C.—A. Stevenson.
Swanson Bay, B.C.—C.E. Burrows.
Morrissey, B.C.—Lieut. R. Dunbar Abbott.
Copper Mountain—Wilfred E. Freeman.
Twin Butte, Alta.—H. H. Hanson.
Gem, Alta.—C. Orleans.
Argyle, Alta.—Wm. M. Fleming.
Moose Mountain, Sask.—H. J. M. White.
Surbiton, Sask.—W. F. Hopkins.
Duval, Sask.—W. F. Turner.
Anerold, Sask.—R. B. Lloyd.
Ravenscrag, Sask.—A. T. Phillips.

Rosetown, Sask.—J. H. Macey. Nisbit, Sask.—A. Williscraft. Smiley, Sask.—J. T. Vallance.

Tramping Lake, Sask.—Fred. P. Henwood. Weyburn, Sask.—E. Meredith. Durban, Man.—J. A. McDonald. Pine River, Man.—J. I. Hyalmarson. Birtle, Man.—C. J. Darrell. Roblin, Man.—F. W. Williams. Leamington, Ont.—B. E. Ellis. Capreol, Ont.—P. H. Fox. Lakefield, Ont.—Rev. H. Britten. Eugenia, Ont.—L. Latimer. Beeton, Ont.—J. A. Swan. Michipicoten Falls—G. F. Detweiler. Armagh, Que.—Dr. A. Angers. Kenogami, Que.—Price Bros. & Company. Saulnierville, N.S.—Miss A. A. Haines. Collegeville, N.S.—Alexander Costey. Kcdgemakooge, N.S.—A. B. Shirreff. Frizzleton, N.S.—John D. Crowdis.

For various duties in connection with the service 375 persons ehicfly observers, have been in receipt of pay, and of this number, thirty-four were employed in the central office.

In my report of last year it was pointed out that application for data regarding the rainfall over the watersheds of rivers from which it is desired to obtain electrical power, had steadily increased, and during the year just closed the demand for such information has become still more insistent. With a view of obtaining these very necessary data with the smallest number of stations, a large map of the Dominion is used and pins have been placed at all points having meteorological stations, and it is known exactly what parts of the country are sufficiently served, and what parts are lacking the requisite stations. There are still large districts void of any observing stations, but progress is being made in filling the gaps.

#### CENTRAL OFFICE.

Since my last report the office has lost a valuable officer in the person of Lieut.-Colonel W. D. Allan, 3rd Battalion, C.E.F., who after two years service at the front died on October 1, from the effect of wounds received some months previously.

The office has also lost the services of R. W. Mills who was in charge of Agricultural Meteorology and his position has not yet been filled. A vacancy occurred in

June with the resignation of R. H. Ellard whose position has since been held successively by T. Maguire and A. F. Allen, returned soldiers.

The forecast branch of the office remains much undermanned, and as in the previous year the forecasts and storm warnings have all been issued, either by the Director or Assistant Director and one other assistant. Lieut.-Colonel Allan was a member of this branch, and his loss together with the resignation in quick succession of two others, has led to this condition, which as far as can be seen, cannot be remedied until after the war, when it will be possible to secure young men with university qualifications.

The daily forecasts based on observations taken twice daily at 8 a.m. and 8 p.m., 75th Meridian time, throughout the continent, have been issued regularly at about 10 a.m. and 10 p.m. and are disseminated very widely in all the provinces; indeed, it may now be said, that there is no place in the Dominion reached by the telegraph which cannot receive the forecasts if attention be called to the fact, that they are not being received.

The percentage of verification has been 86.3 per cent.

There are now 110 storm signal display stations, and every endeavour has been exerted to increase the accuracy of the warnings; and while both failure to warn and warning without fulfilment occasionally occur, there can be no doubt that much shipping is saved annually by the warnings.

The following is a brief synopsis of the facts regarding storms and the warnings of the past year.

From the beginning of April until well on in October, there was a very marked absence of storms from the Great Lakes to the Maritime Provinces; in fact the whole fiscal year from April 1, 1916, to March 31, 1917, was remarkably free from gales.

There was a summer storm on the 6th of June on the Great Lakes, the winds reaching the force in many localities of a fresh gale, also in the gulf of St. Lawrence the winds attained to gale force on the 3rd of July, and again on the 21st of the same month. The latter storm was experienced quite generally in the Maritime Provinces. The second and third decades of October were the most stormy periods of the year. The first heavy autumn gale occurred over the Great Lakes on the 13th of October, attended by unusually early heavy local snowfalls followed by fresh to heavy gales on the 16th, 20th and 25th. These four gales all spread to the Maritime Provinces, but they were not as heavy there as on the Great Lakes. There was only one heavy gale recorded in November, and this was general from the Great Lakes to our Atlantic coast. On the 6th of December a heavy gale prevailed on the Great Lakes and after this navigation was closed.

On the 6th, 12th, 15th and 22nd of December there were fresh to heavy gales in the Maritime Provinces. In January only two fresh gales were experienced on our Atlantic coast, but one in February, and two in March. The storm warnings as a whole were highly satisfactory, gales seldom occurred which were not warned, and there were only a few instances where warnings were issued and that there were not gales subsequently. The percentage of verification for all the warnings issued was 91.0 per cent.

#### PUBLICATIONS.

In the past, the service has published an annual climatological report and a monthly weather review, but beginning with January 1916, these two issues have been merged into one. The Monthly Review, now entitled "The Monthly Record of Meteorological Observations" has been enlarged to contain all meteorological data obtainable and in future, the monthly issues will, at the close of the year be bound into one volume which will then form the annual climatological report of the service. This plan will insure the prompt publication of all meteorological data. The monthly weather map which is issued after the close of each month has been published regu-

larly throughout the year, and continues to be most acceptable to boards of trade and grain exchanges throughout the Dominion, and also to the large number of voluntary observers, who like to receive something tangible in exchange for the very valuable services they render the country in furnishing weather records without remuneration.

The daily map has also been published in Toronto without break throughout the year, on Sundays as well as week days. The daily issue is 380 copies many of which are distributed by hand to business firms in Toronto, and posted quite freely in frames in various parts of the city, while the greater number go to colleges and schools, both in Toronto and in other parts of Canada, where they are regarded as being of high educational value.

These publications have been issued as follows: Annual Report 540 copies; Toronto Year Book 136 copies; Monthly Record 569 copies each month; Monthly Map 600 copies each month; Weather Map 361 copies daily. Publications have been received in the library from 190 meteorological services, observatories, and government departments in the various countries, exclusive of Germany. Austria, Russia, Belgium, Roumania and Bulgaria. While these publications are in the majority of cases either daily, weekly or monthly, each year's issue has been counted as a unit, hence the total number of parcels received by mail is very large.

### INSPECTION OF STATIONS 1916-1917.

The following stations were visited during the year by inspectors of this service: Vancouver, Cochrane, North Bay, Stonecliff, Kingston, Midland, Port McNichol (twice), Beeton, Paris (twice), Brantford, Owen Sound, Southampton, Port Dover, Digby, Liverpool, Lunenburg, Yarmouth, Montreal, Long Point, Tignish, Summerside, Beach Point, Portage la Prairie, Hubbard, Saskatoon, Biggar, Lloydminster, Peace River, Graham, Prince Albert, Battleford, The Pas, Pt. Nelson, Split Lake, Quebec, Charlottetown, Pt. Escuminac, Halifax, Truro, Wolfville, St. John, Georgetown, Woodstock, Grand Falls, Edmundston, Saulnierville.

#### PHYSICS BRANCH.

Balloons with self-recording instruments for upper air investigation were sent up from Woodstock on the international days throughout the year, but the recoveries have not been good, only 10 out of 23 having been found during 1916.

The particulars of those recovered are given in the following table:—

Date.	Greatest height.	Temperature at greatest height.	Height of Stratosphere.	Temperature at base of Stratosphere.	Remarks.
February 2	miles, 11·9	-F. -78°	miles. 8·1	F. -69°	
March 2	2.8	- 6			Did not reach strato-
May 10	10.0	-83	7.9	-84	sphere.
June 8	9.6	-58	6.5	-58	
September 5	10.6	-86	9.8	-92	
November 5	8.7	-78	8-1	-78	
November 7	13.6	-66	10-1	-77	Highest ascent obtained
November 9	6.8	-60			in Canada. Did not reach strato-
1917. February 8	8.8	<b>-66</b>	5.3	-71	sphere.

It would appear that the balloons now used reach a greater height, or else develop small leaks and then in either case drift farther than do those obtained from Europe, and are lost in the unsettled parts of the country.

The supply of instruments from England was exhausted during the year, and it thus became a necessity either to give up the work or make the instruments here. The latter course was adopted and all the instruments required in this work can be made in the office.

Hydrogen has been made from calcium hydride which was only obtainable in Germany. The supply on hand when the war broke out was sufficient to last for some time, but steps were taken to obtain hydrogen by other means when this supply became exhausted. Fortunately there is now a large hydrogen plant in Toronto where very pure hydrogen is made by electrolysis, and the company have very kindly agreed to supply the requirements of the office. The Meteorological Office is thus in the fortunate position of being entirely independent of foreign sources for the supplies required for balloon work.

The development of aviation is creating a demand for a knowledge of the atmosphere, and the National Advisory Council of the United States is advocating an extensive series of observations to obtain this information. Its importance is just as great to Canada as to the United States, and a similar survey should be carried out in Canada. Balloons are being sent out in Toronto for the work, but the city is a poor place for such work owing to the excessive smoke.

At the request of the Royal Flying Corps, Mr. Patterson, Physicist in the department, is giving a course of lectures to the eadets on meteorology with special reference to aviation.

Barograph and Thermograph.—The barograph and thermograph for recording the pressure and temperature of the air on the top of Sulphur mountain at Banff, have been put in working order, but they cannot be installed until a cable is placed between the two places.

Earth Temperature.—Progress has been made with the recording apparatus for the measurement of earth temperatures, and it is hoped that a set of five or six platinum thermometers automatically recording the earth temperature to within less than 0.1° Cent. will be installed during the summer.

Electrical Potential of the Air.—The polonium used for the collector became exhausted, and was replaced by a radioactive paint of good intensity, and is working very satisfactorily.

Radiation.—The Callendar Sunshine Recorder has been in operation throughout the year and observations were taken with the Angstrom Pyrheliometer whenever the sky was sufficiently clear. A new form of sunshine receiver for the Callendar instrument has been constructed and is now being tested.

Evaporation.—Observations on evaporation were made throughout the year; during the summer by measuring the change in the water level from day to day, and in winter by weighing a pan of ice or water. The excessive cost of material and the scarcity of labour made it advisable to postpone the construction of new evaporation stations.

#### MAGNETIC OBSERVATIONS.

During the fiscal year ending March 31, 1917, the photographic instruments which record the changes in magnetic force at Agincourt near Toronto, were maintained in operation without any material loss. The preliminary results obtained from a first reduction of these records are published in the Journal of the Royal

Astronomical Society of Canada. Beginning with the year 1914, the final reduction and analysis of the results of magnetic observations are published under separate cover, instead of being included in the annual meteorological report as an appendix. The 1914 results appeared in 1916 and the 1915 results are now in the hands of the printer. It is expected that these results will be available for the magnetic investigator much sooner than formerly.

Progress is being made on the computation and compilation of the results of observations for the years 1872 to 1902 inclusive, and these will be published shortly.

During the year the index corrections for 100 magnets attached to surveyors' transits were determined and supplied to the Surveyor General, and assistance was given to four surveyors from his department in standardizing their total force instruments both before and after their season's field work.

A magnetic observatory for the recording of changes in declination was established at Meanook, Alberta, in July by Mr. Jackson, and instructions were given to Mr. H. E. Cook, who was appointed as observer.

A summary of results obtained at both Agincourt, Ontario, and Meanook, Alberta, are published in both the transactions of the Royal Society of Canada and the Journal of the Royal Astronomical Society of Canada.

#### TIME SERVICE.

During the year, sixty-four determinations for time have been made by transit of stars in the meridian with the 3-inch transit instrument.

The positions of the stars have been taken mostly from the American Ephemeris and the British Nautical Almanac. The collimation error of the transit instrument, as in former years, has been chiefly determined by reversal on Polaris, reversal on the cross wires in the collimating telescope, and occasionally in conjunction with that of the instrumental azimuth by star transits in reverse position of the axis, using the method of least squares in their computation.

Time has been given over the telegraph and telephone lines to all inquirers, and the comparison and regulation of chronometers and watches, both sidereal and mean, has been carried on throughout the year.

The performance of the clocks has been satisfactory. The magneto clock, with its synchronizing system and secondary clocks, has been in operation during the year and has performed its work well. A new and improved synchronizing system is about to be installed. This system will require only one armature for each clock synchronized instead of five as at present, and will also effect a great saving in doing away with all battery power, the magneto current being used for synchronizing purposes. There will be no sparking at contact points, as these are made and broken before and after the passage of the magneto current, which is instantaneous.

The usual 11.55 a.m. signal on the fire-alarm signal has been continued throughout the year.

Time has been given weekly to the magnetic observatory at Agincourt.

The time exchanges between Toronto and Quebec, Montreal and St. John, N.B., have been made as usual, being recorded on the chronographs at Toronto, Montreal, and St. John.

The errors of the clocks have been computed from the latest observations.

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The following table will show the differences between the times at the several observatories, and that at Toronto. The sign + indicates slow of Toronto.

Date.	Montreal.	Quebec.	St. John.
1916.	Seconds.	Seconds.	Seconds.
April 7 April 28 May 12 May 26 June 9 June 30 July 14 August 25 September 15 October 27 November 17 December 29	$\begin{array}{c} -0.59 \\ -0.72 \\ +0.84 \\ -0.28 \\ +0.40 \\ -0.41 \\ +0.61 \\ +0.08 \\ -0.39 \\ -0.78 \\ +0.33 \\ +1.15 \end{array}$	$\begin{array}{c} -0.34 \\ -0.70 \\ +2.62 \\ -0.62 \\ +0.54 \\ +0.46 \\ +2.09 \\ +0.51 \\ \pm0.38 \\ +0.25 \\ -0.18 \\ +2.09 \end{array}$	$\begin{array}{c} -0.39 \\ -0.61 \\ +1.31 \\ -0.25 \\ +0.58 \\ -0.72 \\ +0.78 \\ +0.46 \\ +1.08 \\ +0.04 \\ +0.24 \\ +1.04 \end{array}$
1917.			
January 19 March 9 March 23 Mean difference Total range	$\begin{array}{c} -0.88 \\ -0.27 \\ -0.30 \\ -0.08 \\ 2.03 \end{array}$	+0.55 $-0.81$ $+0.85$ $+0.51$ $3-43$	• -0 29 -0·12 -0·41 +0·48 2·03

During the year ending March 31, 1917, the sun was observed on 129 days and drawings of spots and faculæ were made on 127 days.

Full details of these observations are preserved in the records of the observatory, and are available for future investigations in connection with the probable relationship between solar and meteorological phenomena.

#### SLISMOLOGY.

The seismographs at Toronto, Ont., and Victoria, B.C., have been in successful operation throughout the year.

At Toronto, the total number of disturbances recorded was 115, which is 20 greater than average, whilst Victoria recorded 134, or 29 greater than average.

Of those at Toronto, 2 may be classed as large, and 2 as very large; of those at Victoria, one as medium and one as very large.

The most important of the series occurred on April 24 and 26, with earthquake centres in the Caribbean Sea district.

The disturbance of January 30, on the Toronto seismogram, was one of the largest ever recorded. Centre of this was in Kamchatka district, whilst the record of February 20 shows the amplitude of the boom swing to be almost as large as that on January 30, although the disturbance did not last as long. The contrast between Toronto and Victoria seismograms for this quake, is most striking. At Victoria the maximum swing of the boom was only 3 MM., whilst at Toronto it was over 25 MM., and occurred 17m. 44s, earlier. This earthquake was possibly submarine and of West Indian origin. As far as we know, there has not been any serious loss of life through these earthquakes, although severe shocks have been recently felt in Jamaica, some people dying indirectly from the shock.

Covering the period of 11 years, January appears to be the month in which disturbances are most pronounced.

Copies of our Canadian observations are sent to the various observatories to be used in connection with the general world survey.

#### PHENOLOGICAL OBSERVATIONS.

Reports of phenological observations giving dates of flowering of plants, the arrival of birds, the sowing and reaping of grain, etc., which are of value from a climatological point of view were received from an increased number of stations; and the work being purely voluntary great credit is due the observers. The collection and tabulation of these statistics is in charge of Mr. F. F. Payne. A very valuable addition to the work is contained in a report for Nova Scotia kindly supplied by the Superintendent of Education for that province. This report contains averages for slopes and regions computed from observations taken at several hundred stations. Credit is also due to the Department of Education for Saskatchewan which has kindly supplied a few phenological schedules from school teachers.

#### OUTSIDE STATIONS.

l'ictoria.—In October last Mr. E. Baynes Reed, who since 1890 had been in charge of the meteorological work of British Columbia, died after a long illness. Mr. Baynes Reed was a cultured gentleman of most charming personality, and by his death the department is deprived of the services of one who had never failed to devote his whole time and energy to the betterment of that branch of the service over which he had charge. His successor in office in British Columbia, Superintendent, is Mr. F. Napier Denison, who has since 1898 been chief assistant in the Victoria office. Mr. Denison with a staff of four, prepares bi-daily weather charts and issues forecasts for certain portions of the province, and collates the climatological data for the whole province. He also has charge of the Victoria observatory which is equipped with seismological instruments for earthquake investigation, and also with a transit instrument by means of which he obtains the time which is transmitted to the shipping by the dropping of a time ball. A full report on this observatory is contained in Appendix "C."

Edmonton.—The work of this Provincial Agency remains largely in abeyance through the continued absence of observer Holmden and his assistants at the front. Mrs. Eda Owen is the acting observer, who besides taking the daily observations, forwards all the Alberta records to Toronto for computation.

Moosejaw.—The system of chief provincial agencies for the rapid collection and collation of the meteorological data of the various provinces continues to work satisfactorily at this chief station, where all statistics regarding the climate of Saskatchewan may be obtained at the Meteorological office.

St. John, N.B.—The Superintendent of this meteorological station is now acting as chief observer for the Maritime Provinces, and all reports from stations in the three provinces are sent to the St. John observatory to be collated and prepared for publication, and copies of all climatic records are there kept for reference. A report on this observatory is given in Appendix "B."

Quebec.—See Appendix "A."

R. F. STUPART,

Director.

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APPENDIX "A."

QUEBEC, April 26, 1917.

Sir Frederic Stupart,
Director, Meteorological Service,
Toronto.

Sug.—I have the honour to submit my annual report for the year ending March 31, 1917.

The correct time has been given as usual by means of the telephone in and outside the city, and to the shipping during the navigation season, by means of the time ball and also by wireless telegraph to vessels going up and down the river St. Lawrence

As suggested in previous reports, a new time ball was erected during the winter on the "Cavalier" building near the King's bastion at the citadel, and will be ready for the opening of navigation. It will be a great improvement on the old ball, as it will be visible from nearly all parts of the port where ships are mooring.

The meteorological observations were taken daily without interruption, and the instruments were kept in good order. Special reports were furnished to the public and the military authorities on several occasions.

#### ARTHUR SMITH,

Director, Quebec Observatory.

APPENDIX "B."

OBSERVATORY, St. JOHN, N.B., May 15, 1917.

Sir Frederic Stupart, F.R.S.C.,
Director, Canadian Meteorological Service,
Toronto, Ont.

Sin.—I have the honour to present the following report of the St. John observatory for the fiscal year ending March 31, 1917:—

### Meteorological Service.

The chief station tri-daily eye readings of the instruments and observations of the various meteorological elements have been made without interruption, as in the past the morning and night observations being immediately telegraphed to Toronto. A special observation is made at noon to complete a daily report furnished the evening papers.

Records of pressure, temperature and relative humidity from autographic recording instruments have been tabulated for every hour throughout the year.

Owing to the elevation of a building to the southward it was necessary to install the sunshine recorder on the tower to obtain a free and unobstructed exposure at the time of the winter solstice.

All instruments, including the electrical and autographic recorders, are in excellent condition.

The anemograph records of wind direction and velocity made here as well as those received weekly from the wind station at Point Lepreau, have been hourly tabulated and the monthly analysis abstracted. The anemometers at both places are frequently changed and cleaned to ensure best results.

#### Weather Bulletin.

The morning weather bulletin, when received at the Western Union from the Central Office, is promptly telephoned to the observatory, where it is printed on a rotary duplicating machine and immediately distributed through the mails, displayed in public places, and published in the afternoon newspapers. This bulletin is of exceptional value to various commercial, shipping, and personal interests. The ever-increasing number of requests for information from the official records by telephone, letter and personal calls have been promptly complied with. Signed copies to further the settlement of claims are frquently supplied. Extended statistics of precipitation, temperature, wind velocity, and direction as well as comparative hourly barometer readings have been made for engineers and others in prospective survey work.

The returns received monthly from all Maritime Provinces observers have been carefully cheeked and in most cases sums and means values computed. After the necessary abstracts have been copied in our office registers these returns are forwarded to the central office. The statistics and climatological records from the observers' reports are immediately available to those asking for data covering different points in these provinces. To increase the value of these statistics I would respectfully urge the establishment of more rain-fall and temperature stations in the province of New Brunswick.

The press, as heretofore, continues to make use of this office especially at times of severe storms or during the occurrence of abnormal conditions.

# Time service of the Maritime Provinces.

Star observations for determination of clock errors and rates have been made on available nights with the Troughton & Simms meridian telescope. The impersonal micrometer method of observing has been used entirely, the observations and clock comparisons being recorded on the chronograph in the usual manner.

The mean time transmitting clock, chronograph and various electrical connections have been maintained in good condition. The primary sidereal clock mounted in the basement clock room and run under constant pressure and temperature, continues to give most satisfactory results. The Kullberg sidereal is used as the observing clock, comparisons with the primary sideral being made on the chronograph about the middle of the set of star observations.

The daily time signals regularly transmitted are well known throughout the Maritime Provinces and continue to be most useful to navigators, railways and the general public. Practically all the timepieces of this section of the Dominion are corrected by our standard clock.

The time balls at Halifax and St. John have been dropped each week day at 1 p.m. Atlantic standard time with but a very few exceptions, failure being caused by broken overhead wires. The master clock in Halifax has been synchronized daily by signal from our transmitting clock at 10 a.m. If owing to wire trouble, the signal does not reach Halifax at that time, it is repeated at the following hour.

The time signal sent from this observatory is distributed by wire to most of the principal watch and chronometer adjusters in Halifax as well as to the Admiralty dockyard, Western Union Cable dock, and the Nova Scotia Telephoñe Co., special arrangement being made locally at the expense of those receiving the signal. At other points in the Maritime Provinces the Canadian Government Railways have connected their watch inspectors by loop lines to receive the time signal.

In St. John the system of hourly synchronizing tower, street and office clocks continues to give most useful and satisfactory results. The special wire for this purpose direct from the observation master clock to the local telephone office, auto-

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rectically connects with the clock line relays. A nominal charge is made by the Telephone Company for wire service and maintenance. This useful and reliable service available to the general public for comparison of their timepieces is highly appreciated. Time is also transmitted upon request through the telephone, the beats of our standard clock by relay being audible through the telephone receivers.

D. L. HUTCHINSON,
Director, St. John Observatory.

APPENDIX "C"

VICTORIA, B.C., May 7, 1917.

Sir Frederic Stupart,
Director, Meteorological Service,
Toronto, Ont.

Sir,—I have the honour to submit the following report upon the observatory for the fiscal year ending March 31, 1917.

During the past year the regular meteorological observations have been taken here three times a day. The weather forecasts derived from the synoptic weather charts made out daily, have been issued regularly both night and morning. These are published in the press and special bulletins are posted both here and on the lower mainland. I am pleased to state that the percentage of verifications of these shows an improvement, and for the year is a little over \$7 per cent. Weather forecasts for the Kamloops district have also been regularly made, but not yet posted or published there. The percentage of verification was \$5. It is hoped that during the coming year arrangements for publishing these may be completed and also for the Kootenay district.

Storm warnings have been issued and signals displayed here and at Vancouver and Nanaimo, and further details telephoned those interested by our agents at these centres. These warnings are greatly appreciated particularly by the owners of small craft plying in the straits of Juan de Fuca and Georgia.

Weekly and monthly weather reports obtained from our British Columbia telegraph stations are regularly published in the press of the province.

During the summer months special weather forecasts were again furnished the Provincial Forestry Department, respecting the advent of hot spells and dry winds, which may cause destructive forest fires if not checked in time.

During the past year the monthly reports have been received, checked, entered in our register and mailed to your office, for 11 First Class Stations, 100 giving temperature and precipitation, and 21 reporting precipitation alone.

Since January 1, 1917, the Provincial Comptroller of Water Rights, has kindly permitted this office to enter the monthly weather reports received from their stations in the province in our register. This gives us additional weather data from 10 temperature and precipitation stations, and 60 reporting precipitation alone. In return, this office allows the above department access to all our British Columbia data. By this beneficial exchange our department has on file for reference here and at Toronto valuable meteorological data from about 200 stations in British Columbia.

#### Time Service.

The transit telescope and its mounting has proved very satisfactory throughout the year. Star transits have been taken for time on 75 nights, or upon an average of every fifth night. The rates of the two chronometers in use here have been steady, and the time error for the Time Ball service, etc., seldom exceeds one-half second and

usually ranges from one to five-tenths of a second. The time ball on one of our highest city buildings, has proved very satisfactory, and is used as the standard for setting chronometers, clocks and factory whistles, and is of practical benefit to shipping extending to the outer docks. By means of a special phone connection in the time room the time is frequently furnished by phone to the military camps, forts, the Esquimalt naval yard, etc. I am pleased to state that at the close of this year arrangements have been made with Mr. Haughton, District Superintendent of the Dominion Radio Telegraph Service, whereby each morning, including Sundays, I am able to send at ten o'clock from my telegraph key here, wireless time signals to the other radiotelegraph stations, through the adjoining Gonzales Heights wireless station. I am now designing an automatic time sender, which when completed will send the international time letters for three minutes each day. The time error of this instrument will probably not exceed one-tenth of a second. The time will then be furnished all shipping within a radius of about 200 miles.

### Seismology.

The seismographs during the year have given continuous and perfect records, and whereas 108 quakes were recorded in the previous year, the number this year increased to 126, or a monthly average of about 10. The greatest monthly number (17) occurred in September and the smallest number (5) occurred in May and July.

The slow daily movements of these pendulums both from east to west and north to south have been observed and tabulated, and during this year the results obtained, indicate abnormal movements. The maximum easterly swing which usually occurs in June was reached this year in April, and the maximum northerly movement occurred in December instead of in the usual months of March or April. The minute and short period seismic waves termed "microseisms" have this year been almost entirely absent from the instrument recording the vertical movements of the earth.

Last November our service in this province suffered a severe loss in the death of Mr. E. Baynes Reed, who from 1890 to 1898 was in charge of the Esquimalt Meteorological station, and later the Victoria office, and all British Columbia reporting stations, which under his able supervision were started in numerous parts of the province. In conclusion I would respectfully urge that whereas Mr. Shaw, of London, Eng., has perfected and has had critically tested an improved form of seismograph, equal to or better than any made in Europe, that two of these instruments be purchased for this observatory, in place of those ordered in 1914, but not received.

Accurate mean time and sidereal clocks are required, also another chronometer (small and portable). A chronograph for star transit and time comparisons is required. This I have designed and can construct for a moderate sum.

F. NAPIER DENISON.

Director.

Gonzales Heights Observatory, Victoria, B.C.

# APPENDIX No. 7.

# ANNUAL REPORT OF THE MEDICAL SUPERINTENDENT OF THE MARINE HOSPITAL SERVICE FOR THE FISCAL YEAR 1916-17.

#### SICK AND DISTRESSED MARINERS.

Under the provisions of the Canada Shipping Act, Chapter 113, Part 5, Sec. 384, RS. dues of 1½ cent per ton registered tonnage, are levied on every vessel entering any port of the Province of Quebec, Nova Scotia, New Brunswick, Prince Edward Island, and British Columbia. The money thus collected forms the siek mariners' fund. Vessels of the burden of 100 tons and less, pay duty once in each calendar year, and vessels of more than 100 tons, registered tonnage, three times in each year.

The officers and seamen of all fishing vessels not registered in Canada do not pay sick mariners' dues nor participate in the benefits accruing therefrom, but such vessels registered in Canada may pay dues and participate in the benefits. If such ship is of the burden of more than 100 tons, registered tonnage, such payment shall entitle, to the said rights and benefits, only the master and mariners employed upon the voyage in respect of which such payment has been made; but the payment of the said duty three times in any calendar year in respect of such ship shall entitle the master and mariners thereof to the said rights and benefits during the remainder of such year in any such port.

The Act, Chapter 113, Canadian Shipping, does not apply to the Province of Ontario, so no dues are collected from vessels in that province.

#### PROVINCE OF QUEBEC.

In this province sick mariners are treated at the following places, Quebec, at Jeffrey Hale hospital, Montreal; Hotel Dieu hospital, at the General hospital, and at Notre Dame hospital.

Infectious cases are treated at the Alexandra and St. Paul's hospitals.

Three Rivers, at the St. Joseph's hospital, Chicoutimi, at St. Valier's hospital,

St. John, at St. John's hospital.

At the ports of Rimouski, Sorel, and Rivière du Loup sick mariners are treated in the different local hospitals, and the medical services are rendered by the port physician.

#### PROVINCE OF NOVA SCOTIA.

Marine hospitals are maintained at Louisburg, Lamenburg, and Sydney. In Halifax, treatment is given at the Victoria General hospital. Contagious diseases are treated at the City Isolation hospital. At Pictou, seamen are treated at the Pictou Cottage hospital, at North Sydney treatment is given at the Hamilton Memorial hospital, at Windsor, seamen are treated at the Payzant Memorial hospital, at Amherst at the Highland View hospital. For Parrsboro and vicinity, sick seamen are taken to the Cottage hospital at Springhill. At Digby, sick mariners are treated at a designated hospital and the medical services are rendered by the port physician.

#### PROVINCE OF BRITISH COLUMBIA.

Victoria, sick mariners are treated at St. Joseph's hospital, Vancouver, at St. Paul's hospital, Nanaimo, at Nanaimo hospital, New Westminster, at St. Mary's hospital, Prince Rupert, at the Prince Rupert general hospital, Powell river, at St. Luke's hospital.

At Chemainus and Ladysnith, sick mariners are treated in local hospitals, and the medical services are rendered by the port physician.

#### PROVINCE OF NEW BRUNSWICK,

A marine hospital is operated and maintained at Douglastown for sick mariners arriving at Chatham, Newcastle and vicinity.

In St. John, treatment is given at the General Public Commissioners' hospital. Campbellton at the Hotel Dieu, Moncton at the Moncton hospital.

#### PROVINCE OF PRINCE FOWARD ISLAND.

At Charlottetown, treatment is given at the Charlottetown and Prince Edward Island hospitals and at Summerside, at the Prince County hospital.

Where no hospital is maintained or designated in any port of the Maritime Provinces, Quebec, or British Columbia, the collector of customs is authorized to make the best provisions for sick mariners entitled to receive benefits of the fund.

STATEMENT of Receipts and Expenditures on account of "Sick and Distressed Seamen" for the years 1907 to 1916, both inclusive.

	Receipts.	Expenditure.
1007	\$ cts.	\$ cts.
1907 1908	44,704 59 69,364 45	34, 362 11 59, 957 92
1909	53,732 31 55,567 41	66,349 26 54,859 50
1911	60,637 11	54,779 27
1912	63,663 41 70,540 52	52,172 75 54,294 71
1914 1915	72,602 43 72,663 80	65,397 85 64,950 36
1016	12,003 80	

Total amount of salaries paid to medical officers and keepers during the year 1916-17, \$15,859.44.

Number of seamen treated during 1916-17, 2,930 as compared with 3,261 for 1915-16.

Number of vessels which paid sick mariners dues 3,208, number of men employed on vessels 59,097.

8 GEORGE V, A. 1918 Tables showing expenditure for Treatment, Board, Supplies, etc., by Provinces.

Section			1				
Sourd   in hospitals and private houses   14,521 01   3,400 28   1,153 50   11,458 75   6,860 50   1261 601 601 80 surgical treatment   1,433 90   1,094 41   289,40   1,097 58   118 50   180 180   1,094 50   2,534 94   625 00   1,275 00   1,500 00   1,000   1,				P. E. I.	· Quebec.		General account.
private houses		\$ cts.	\$ cts.	\$ cts.	\$ ets.	\$ ets.	\$ ct
Ment   1,433 90   1,094 41   289,40   1,097 58   118 50   18 18 18 18 18 18 18 18 18 18 18 18 18		14,521 01	3,400 28	1,153 50	11,458-75	6,860 50	
Salaries   9,924 50   2,534 94   625 00   1,275 00   1,500 00     wel	ment	1,433 90	1,094 41	289, 40	1,097 58	118 50	
148 91	salaries	816 38		625 00	1,275 00	1,500 00	
Second   S	Light Supplies Felephone service Orugs, instruments, etc	148 91 311 11 97 74 129 40	22 72 19 30				
132 44   3 00   4 00   500 0	Burials	17 50	5.00	s 50	158.30		
Totals	Special nursing Frants  Medical assistance	300 00					255
Solution		28 273 63	7 506 99	2 079 40	14 793 63	8 941 50	355 8
### Amount refunded by Department of Naval Service							
Balance not expended   \$13,891 92			Amount of ap	propriations		\$75,00	8 842 9
ora Scotia—         \$200 00         \$200 0         \$	01,105 05		Balance not e	xpended		\$13,89	1 92
Seamen's Society, Halilax   \$200 00   \$200     North Sydney Institute   100 00   100 00     Ew Brunswick   Seamen's Mission Society, St. John   200 00   200 00     Suchec   Seamen's Institutes, Montreal   200 00   200 00     Catholic Sailors' Club, Montreal   200 00   200 00     Seamen's Institute, Quebec   200 00   200 00     Catholic Sailors' Club, Quebec   200 00   200 00     Strathcona Institute, Victoria   200 00   200 00     Strathcona Institute, Victoria   200 00   200 00     Catholic Sailors' Club, Victoria   200 00   200 00     Strathcona Institute, Victoria   200 00   200 00     Catholic Sailors' Club, Victoria   200 00   200 00     Strathcona Institute, Victoria   200 00   200 00     Catholic Sailors' Club, Victoria   200 00   200 00     Strathcona Institute, Victoria   200 00   200 00     Catholic Sailors' Club, Montreal   200 00   200 00     Strathcona Institute, Victoria   200 00   200 00     Strathcona		GRANTS	то велме	n's institu	TES.		
Seamen's Mission Society, St. John   200 00   200							
Seamen's Institutes, Montreal   200 00   200 0   200	New Brunswick— Seamen's Mission Soc	ricty, St. Jo	lın			. 200 (	00 200 0
Seamen's Society, Victoria	Catholic Sailors' Clu Seamen's Institute, C	b, Montreal Quebec				200 ( 200 (	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Total expenditure \$ 1,700 (							
	Total exp	penditure			e) is		\$ 1,700 0

C. H. GODIN, M.D.

May 15, 1917

# APPENDIX No. 8.

# REPORT OF THE WRECK COMMISSIONER.

OTTAWA, June 11, 1917.

THE DEPUTY MINISTER OF MARINE, Ottawa.

Sir,—I have the honour to submit my annual report of investigations and inquiries held during the fiscal year 1916-1917, into the causes of wrecks and casualties, as well as statements of wrecks and casualties as having occurred to British, Canadian, and foreign vessels, in Canadian waters, and to Canadian vessels in other waters, from January 1 to December 31, 1916.

Formal investigations	during the year .	 	. 37
Rehearings		 	. 2
Preliminary inquiries		 	. 11

During the calendar year 1916 there were 308 casualties reported to the department, the tonnage of same being 242,995.68, and the damage is approximately estimated at \$1,377,442, while 67 lives were lost.

Of this total number of casualties 224 were to coasting and sea-going vessels, the tonnage of same being 174,761.68, the damage to which is approximately estimated at \$937,342, and 53 lives; while 84 of the casualties were to inland vessels, the tonnage of which was 68,234, the damage to same being estimated at \$440,100, and 14 lives were lost.

In 125 cases of casualties to coasting and sea-going vessels and 39 cases of casualties to inland vessels, the amount of damage is not stated.

Sixty-eight of the casualties to coasting and sea-going vessels, made up of 19 steam and 49 sailing vessels, resulted in total losses, and of this number 50 were Cauadian, 6 British, and 12 foreign vessels.

Twelve of the casualties to inland vessels resulted in total losses, and of this number 10 were Canadian and 2 foreign steam vessels.

Casualties are given under the following headings:-

### Coasting and Sea-going Vessels.

Collisions	38
Founderings	25
Missing vessels	2
Miscellaneous aceidents: fire, loss of sails, rigging, etc	57
	99
Vessels sunk by submarines	3
Inland Vessels.	
Collisions	30
Founderings	5
Miscellaneous accidents: fire, loss of sails, rigging, etc	11
Strandings	38
I have the honour to be sir	

I have the honour to be, sir,

Your obedient servant,

L. A. DEMERS,

The Deputy Minister,
Department of Marine,

per H. T.,

nent of Marine, \* Wreck Commissioner.
Ottawa.

21 - 9

# 8 GEORGE V, A. 1918

STATEMENT of investigations into wrecks and easualties which occurred to Canadian, British, and Foreign vessels, held in Canada during the fiseal year 1916-1917.

1010 1011.		
Name of Ship. Official No.	Registered Port.	Remarks.
Arachne	Hartlepool, G. B	On June 19 stranded on Little Miquelon. Formal investigation was held at Quebec on July 19 before Captain L. A. Demers, Dominion Wreek Commissioner, assisted by Commander E. G. V. Elliott and Lieut. Jas. A. Murray, acting as nautical assessors.
Barrister	Liverpool, G.B	Finding.—Master severely censured and reprimanded for lack of prudence in aveigating vessel. First and second officers also severely reprimanded for lack of interest.  On June 28, stranded off Portlock point, B.C. Formal investigation was held at Victoria on July 1, before Captain John D. Maepherson, assisted by Captains W. Wingate and R. N. Walker, acting as mantical assessors.
Borghild and Oriole		Finding.—Pilot Jones committed grave error of judgment and is reprimanded. No blame attached to master or officers of vessel.  On August 12, collided off Seal island and four of Oriole crew lost. Formal investigation was held at Halifax on August 18 and 19, before Captain L. A. Demers, Dominion Wreck Commissioner, assisted by Com'dr E. Wyntt and Capt. A. Cuthbert, acting
		as mutical assessors.  Finding.—Master Sigfurd Christensen and mate O. Hole, of S.S. Borghild, found in default for violating Art. 16 of the Rules of the Road. Master D. J. McDonald, of S.S. Oriole, also found in default for violating 1st paragraph of Art. 16. Both vessels being of foreign registers, court has no jurisdiction
Cissny	(Norwegian)	over certificates. On April 30 stranded off St. Esprit, Cape Breton. Preliminary enquiry was held at Halifax on May 13 and 15, before Capt. F. N. Malcolm. The decision arrived at was that the stranding was due
Chambly 133903	Sorel, P.Q.,	to abnormal current.  On October 4 foundered at cap à la Roche. Formal investigation was held at Sorel on Nov. 8, before Capt. L. A. Demers, Dominion Wreck Commissionner, assisted by Captains Charles Lapierre and Jos. Faubert, acting as nautical assessors.  Finding.—Master Leon Robidoux, and Second Captain Eugene Laroche, severely criticized and
Dredge No. 6 (Cape Breton).		condemned to pay each half of cost of investigation. On January 17 Ioundered off Whitehead ledge, Cape Breton, and nine lives were lost.  Formal investigation was held at Halifax on February 6, 7, 8, 9 & 14, before Capt. R. N. Malcolm assisted by Captains J. T. Chapman and W. C. Smith, acting as mattical assessors.  Finding.—Accident was due 1st, to seow breaking adrift from Dredge No. 6; 2nd, to the F. W. Roebling's lawser parting; 3rd, to inability of crew of dredge to get Roebling's hawser on board a second time. Captain Belanger of Lisgar, censured for letting go his hawser from dredge. Captain Mood, of Roebling also censured for not slowing down as soon as
Ennisbrooke 136697.	Glasgow	Lisgar let go her hawser from dredge.  On May 15 stranded at Glace Bay, Cape Breton. Formal investigation was held at Sydney on May 23, before Captain L. A. Demers, Dominion Wreck Commissioner, assisted by Captains R. MacDonald and A. J. Morrison, acting as mantical assessors. Finding.—Master H. J. Vickers severely consured and reprimanded for lack of judgment and careless anyigation. First Officer, Thor Annonsen, cau- tioned.

STATEMENT of investigations into wrecks and casualties which occurred to Canadian, British, and Foreign vessels, held in Canada during the fiscal year 1916-1917—Continued.

Name of Ship. Official No.	Registered Port.	Remarks.
Eaglish Monarch	Glasgow	On July 25 stranded on Birds rock, gulf St. Lawrence. Formal investigation was held at Sydney on August 1st, before Captain L. A. Demers, Dominion Wreek Commissioner, assisted by Captains R. MacDona and A. J. Morrison, as nantical assessors.  Finding.—Master R. H. Potter, severely reprimanded and censured for lack of prudence in navigating his vessel in fog; but, on account of his good record, his certificate is not dealt with.
Errington Court		On December 8 collided with wharf at Halifax Preliminary enquiry was held at Halifax on Dec. 18, before Capt. F. N. Malcolm. Formal investigation not found accessary.
Elsie Porter	Lunenburg, N.S	On June 6 collided in Halifax harbour. Formal investigation was held at Halifax on Jan. 20 and 24, before Captain F. N. Malcolm, assisted by Captains J. F. Chapman and D. A. Scott, acting as nautical assessors.
Frank C. Barnes116386	Port Arthur, Ont	Finding.—Capt. Ormistan, of Scotsman, towing Grand Dee, enlpmble of an error of judgment in passing so elose to stern of anchored Empress of Britain; Elsie Porter to blame for collision.  On Nov. 2 foundered in lake Ontario and six lives were lost. Formal investigation was held at Toronto on July 5, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Jas. R. Foote and Jas. McGaugh, acting as nantical assessors.
Fremona93470	Dundee	Finding.—No one to blame, disaster attributed to unforeseen and unavoidable circumstances. On July 31 stranded near Anticosti island. Formal investigation was held at Quebec on Ang. 29 and 30, before Capt. L. A. Demers, Dominion Wreek Commissioner, assisted by Com'dr E. G. V. Elliott and Capt. Jas. Murray, acting as nautical assessors. Finding.—Accident due to error of judgment on part of master Arthur W. Melling, who is severely reprimanded for lack of caution, prudence and
Fordoniaa	Glasgow.	seamaninke carefulness.  On Aug. 8 stranded near Soldier island, St. Lawrence river. Preliminary enquiry was held at Montreal on Oct. 8 and at Sorel on Nov. 18, before Captain L. A. Demers, Dominion Wreck Commissioner.  The decision arrived at was that accident was caused by S.S. Iberville showing wrong lights. Pilot of Fordonian, J. B. Angers, exonerated from
Fernfield	Loadoa	blame.  On July 4 stranded on Battery point, Lonisburg harbour. Formal investigation was held at Hulifax on Ang. 21, before Captain L. A. Demers, Dominion Wreek Commissioner, assisted by Com'dr E. Wyatt and Capt. A. Cuthbert, acting as nautical assessors.  Finding.—Stranding due to error of judgmeat on part of master James Brander, who is cautioned to
Glenlochy	Glasgow	be more careful in future in entering harbours with which he is not well acquainted. On July 4 stranded near Sydney, Cape Breton. Formal investigation was held at Montreal on July 13, before Captain L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Francis Nash and J. O. Grey, acting as nautical assessors.  Finding.—Stranding due to error of judgment on part of Pilot E. F. Petrie, whose license was suspended for two months. Master and officers
21-91		exonerated from all blame.

STATEMENT of investigations into wreeks and casualties which occurred to Canadian, British, and Foreign vessels, held in Canada during the fiscal year 1916-1917—Continued.

Name of Ship. Official No.	Registered Port.	Remarks
Haulwen 115379	Cardiff	On June 14 stranded in Montreal harbour. Formal investigation was held at Montreal on Aug. 4, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Chs. Lapierre and J. O. Grey, acting as nautical assessors. Finding.—Pilot Aubert Naud, solely at fault and he is censured for not having adopted the proper
Hochelaga 132818 and Etoile 77874	West Hartlepool G.B. Quebec	measure to anchor vessel when log set in. On July 19 collided near Platon, St. Lawrence river. Formal investigation was held at Montreal on Aug. 7 and 8, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Francis Nash and Chas. Lapierre, acting as nautical assessors.  Finding.—Collision due to error of judgment on part of both master and pilot of Hochelaga, W. G. Tudor and Sévère Perron, who are censured and criticized. Both captain and pilot of L'Etoile.
Haulwen 115379	Cardiff	Joseph Desire Boisvert and Marcel Chabot, invited collision by deliberately violating the "Rules of the Road".  Master's certificate of Captain Boisvert and license of pilot Chabot are cancelled.  On Aug. 12 stranded near pointe Citrouille, St Lawrence river. Formal investigation was held at Montreal on Nov. 23, before Capt. L. A. Demers, Dominion Wreek Commissioner, assisted by Captains Francis Nash and Chs. Lapierre, acting as nautical assessors.  Finding.—Stranding due to error of judgment on
Huntsvale. nnd Araluen. Hungerford	British)	part of pilot F. X. Rivard, who is condemned to pay a fine of fifty dollars and defray costs of investigation.  On Sept. 17 collided in Montreal harbour. Preliminary inquiry was held at Montreal on Sept. 22, before Captain L. A. Demets, Dominion Wreek Commissioner,  On Nov. 19 stranded off Champlain, St. Lawrence river. Formal investigation was held at Montreal on Nov. 2½ before Capt. L. A. Demers, Dominion Wreek Commissioner, assisted by Captains Francis Nash and Chs. Lapierre, acting as nautical assessors.  Finding.—Pilot J. L. Labranche, condemned to pay cost of investigation and warned to be more cautious in future. Master Robert Arthur Sen-
Haulwen 115379	Cardiff	brook censured for not having been on bridge under circumstances. On January 25 stranded in bay of Fundy. Prelim- inary inquiry was held at Halifax on February 16, before Capt. F. N. Malcolm, formal investigation not found necessary; vessel struck a submerged
Indutiomare.	Belgian	object On Aug. 19 stranded near White Horse rock, Magdalen islands. Formal investigation was held at Halifax on Oct. 13, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Lieut. Com'dr. C. Adam and Captain A. J. Morrison, acting as nautical assessors.  Finding.—Stranding due to error of judgment on part of master H. Matthews; but as court has no jurisdiction over his certificate, copy of the finding is transmitted to Belgian government to deal with the matter.

Statement of investigations into wrecks and casualties which occurred to Canadian, British, and Foreign vessels, held in Canada during the fiscal year 1916-1917—Continued.

Name of Ship. Official No.	Registered Port.	Remarks.
Iroquois	. Toronto	On Nov. 27 stranded on Hare island. Preliminary inquiry was held at Quebee on Nov. 29 and Montreal on Dee. 1, before Captain P. L. Lachance. A formal investigation ensued being held at Toronto on January 12, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains J. H. Foote and Jas. McGaugh, aeting as nautical assessors.  Finding.—Master John Hareld Hudson, severely reprimanded for not attending to his duty. Sailing master Theophile Rou dit Desjardins has his certificate suspended for nine months, for careless
Jason 115297	Liverpool	navigation.  On Nov. 22 stranded in Montreal harbour. Preliminary inquiry was held at Montreal on Nov. 27, before Capt. L. A. Demers, Dominion Wreck Commissioner.  The decision arrived at was that contrary to orders from the pilot, tug insisted in hauling the
Kenkon Maru No. 3	(Japanese)	Jason over to the north, eausing stranding. On January 12 stranded on Saturnia island, gulf of Georgia. Formal investigation was held at Mayne island on April 10 and 11, before Capt. John D. Maepherson, assisted by Captains R. Ridley and H. Parsons, acting as nautical assessors.  Finding.—Stranding due to pilot James Edgar Butler, and as it is not his first accident, the court ordered him to pay cost of investigation.  Rehearing took place at Victoria on July 26, 27, 28 and Aug. 3, before Capt. Charles Eddie, assisted by Com'dr. J. S. Shenton and Lt. Com'dr. Hugh Holme, acting as nautical assessors.  Finding.—Stranding due to grave error of judgment on part of pilot and his license is suspended
Kalibia	Glasgow	for three months.  On Sept. 24 stranded near Fame point. Formal investigation was held at Montreal on Oct. 5, before Capt. L. A. Demers, Dominion Wreek Commissioner, assisted by Captains Francis Nash and Charles Lapierre, acting as nautical assessors.  Finding.—Master John Stewart, severely reprimanded for failing to take a cast of the lead when he noticed his observations were not coinciding, and for keeping his ship going full speed in the meantime; but owing to previous good record,
Lucile M. Schnare	Lunenburg, N.S London.	his certificate is not dealt with.  On June 18 collided off cape Pine, Newfoundland.  Formal investigation was held at Quebec on June 30, before Capt. L. A. Demers, Dominion Wreek Commissioner, assisted by Com'dr. E. G. V.  Elliott and Lieut. Jas. A. Murray, acting as nautical assessors.  Finding.—No one to blame, collision unavoid-
Matatua	Southampton	able. On July 22 stranded in St. Mary bay, Nfld. Formal investigation was held at Halifax on Sept. 14 and 15, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Com'dr. E. Wyatt and Lient. R. H. Wright, acting as nautienl assessors.  Finding.—Master James Samuel Macfie, con-
Middleham Castle	Liverpool	demned for faulty navigation and his certificate is suspended for three months. On July 27 stranded on Matana reef, St. Lawreneriver. Formal investigation was held at Montrent on Aug. 3, hefore Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Francis Nash and J. O. Grey, acting as nautical assessors.

8 GEORGE V, A. 1918

Statement of investigations into wrecks and easualties which occurred to Canadian, British, and Foreign vessels, held in Canada during the fiscal year 1916-1917—Continued.

1510-1511	mucu.	
Name of Ship. Official No.	Registered Port.	Remarks.
Prince Rupert 129743 and Cleeve 103170	Newcastle	Finding.—Master John A. Kelly, severely censured for venturesome navigation in unknown waters without having furnished himself with necessary information. He is cautioned to be more prudent in future.  On Dec. 28 collided in Vancouver harbour. Formal investigation was held at Victoria on January 24, before Capt. John D. Maepherson, assisted by Captains W. Wingate and J. R. Stewart, acting as nautical assessors.  Finding.—Collision due to error of judgment on part of master of Clere, W. N. Coughlin, who is warned to be more careful in future. Captain Stewart, one of the assessors, dissents and finds both to blame.
Prince John. 128472	Prince Rupert	Rehearing took place at Victoria on April 26, before Capt. Charles Eddie, assisted by Com'dr. J. S. Shenton and Capt. F. James, acting as nautical assessors.  Finding.—Collision entirely attributable to master of Prince Rupert, Dunean Mackenzie, in misjudging the way of his vessel prior to collision.  On January 26 stranded in Wrangle narrows, Vancouver harbour. Formal investigation was held at Vancouver on February 28, before Capt. Charles Eddie, assisted by Com'dr. J. S. Shenton and Capt. John McLeod, acting as nautical assessors.  Finding.—Immediate cause of stranding resulted from a slight error of judgment on part of master
Queen 92335	Quebec .	A. M. Davis.  On Nov. I, stranded in St. Catharines bay, entrance to Saguenay river. Preliminary inquiry was held at Quebec on Nov. 15 and 16, before Captain P. L. Lachance.  The decision arrived at was that stranding appears to have been caused by an error of judgment.
Rock Ferry. 130419	Montreni.	on part of master Arthur Deschenes, in attempting to make a landing under prevailing conditions. Formal not necessary.  On May 17 stranded on Main Duck island, Lake Ontario. Formal investigation was held at Montreal on June 6 and 9, before Captain L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Francis Nash and J. O. Grey, acting as nautical assessors.
		Finding.—Both master and mate disregarded the most simple precautions in avigating vessels. Certificate of master Alban Robineau is suspended for two months and that of mate Jos. Pierre Dufour
Roberval 125972	. Ottawa	for the same period.  On Sept. 25 foundered in Lake Ontario and two lives were lost. Preliminary inquiry was held nt Ottawa on Sept. 28, before Captain L. A. Demers, Dominion Wreek Commissioner.  The decision arrived at was that no one was to
Retlaw =	(British)	blame, foundering caused by stress of weather. On February 5 stranded and lost near Sambro island, N.S. Formal investigation was held at Halifax on February 12 and 13, before Captain F. N. Malcolm, assisted by Captains D. A. Scott and J. F. Chapman, acting as nautical assessors.  Finding. Master George Hiscock severely cen- sured for not sounding when approaching const; but as he used his best judgment after the accident, in saving the lives of all on board, his certificate is not dealt with.

STATEMENT of investigations into wrecks and casualties which occurred to Canadian, British, and Foreign vessels, held in Canada during the fiscal year 1916-1917—Continued.

Name of Ship. Official No.	Registered Port.	Remarks.
Sarah Radcliffe105182	London	On March 23 stranded on north side of George island, Halifax harbour. Formal investigation was held at Halifax on April 1, before Capt. L. A. Demers, Dominion Wreek Commissioner, assisted by Captains John Fleming and D. C. Stuart, acting as nautical assessors.  Finding.—Master and officers exonerated of all blame, but 1st and 2nd officers D. J. Evans and J. Greffie, eautioned to be more eareful in future by
Stormount	Montreal	taking preeautionary measures.  On June 20 stranded on Gull rock, N.S. Formal investigation was held at Halifax on June 27, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Lt. Com'dr. G. C. Holloway and Capt. E. Wyatt, acting as nautical assessors.  Finding.—Stranding due to careless navigation on part of master William H. Blankler, and his certificate is suspended for six months.
Storstad	(Norwegian)	
** .	(Norwegian).	Sydney on Sept. 16 and at Montreal on Sept. 22, before Capt. L. A. Demers, Dominion Wreck
	(Norwegian).	Commissioner, assisted by Captains A. J. Morrison and R. Maedonald, acting as nautical asses-
Jnson	Liverpool.	sors. Finding.—Both masters of Storstad and Huftero
z	0 1.1 1	to blame for collision with Jason and Storstad.  Re Storstad and Huftero collision: Master of Storstad violated Art. 27 and Art. 29. Master of Huftero violated Art. 19, 22, 23, 25 and 29.
Silverdale	Sunderland	On August 16 collided at Father point. Preliminary inquiry was held at Que ee on October 17 and at Montreal on October 19, before Captain P. L.
Rouville	. Ottawa.	Lachanee.
Samnel Marshall	Broekville	Formal not found necessary.  On Sept. 11 stranded in Saguenay river. Formal investigation was held at Quebec on Oct. 23, before Capt. L. A. Demers, Dominion Wreek Commissioner, assisted by Captains Chs. Koenig and Thos. McGaugh, acting as nautical assessors.  Finding.—Accident due to over-confidence of pilot Eudore Langlois, and his failure to adopt necessary measures of prudence. He is fined \$100.00 and cautioned. Master Wm. A. Tulloch, ordered to pay two-thirds of cost of investigation, and mate Charles Ross, to pay one-third of cost, both for lack of attention to duty.
Shintzu Maru	(Japaaese)	On Sept. 23 stranded near Fraser River Light vessel. Formal investigation was held at Victoria on Oct. 13, 14, 23 and 31, before Capt. John D. Maepherson, assisted by Captains S. W. Bucknam and C. Clarice acting as nautical assessors.  Finding.—Accident solely due to pilot II. Robson Jones, of the Vancouver Pilotage District, who is condemned to pay all costs for the two extra days on which court had been forced to sit, through his refusal to appear to give evidence until forced to
St. Winifred63273	Manchester	do so.  On Nov. 18 stranded at pointe Citronille, St. Lawrence river. Preliminary inquiry was held at Montreal on Dee. 11, before Capt. L. A. Demers, Dominion Wreek Commissioner.  No one to blame, casualty unevoidable under circumstances.

STATEMENT of investigations into wrecks and casualties which occurred to Canadian, British, and Foreign vessels, held in Canada during the fiscal year 1916-1917—Continued.

	1	
Name of Ship. Official No.	Registered Port.	Remarks.
Sagona	(British)	N.S. Formal investigation was held at Louisburg on March 16 and 21, before Captain R. Maedonald, assisted by Captains P. C. Robinson and A. C. Lewis, acting as mutical assessors.
Tyne 111255	. Glasgow	Finding.—Stranding due to negligeace on part of master B. Travener, and his certificate is suspended for four months.  On July 23 stranded near Old Proprietor ledge, bay of Fundy. Formal investigation was held at St. John, N.B., on July 28 and 29, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains A. J. Mulcahy and Jas. Hayes, acting as aautical assessors.  Finding.—Stranding due to error of judgment on part of master H. W. Robson, who is severely
112201 and	Hamilton	reprimanded and censured. His certificate is not dealt with on account of his honesty in giving evidence and the able manner in which he succeeded in getting his vessel from the rocks.  On Aug. 13 collided near Toronto harbour. Formal investigation was held at Toronto en Sept 6, 'cfore Capt. L. A. Demers, Dominion Wreek Commis-
Primrose	London	sioner, assisted by Captains Jas. R. Foote and Jas. McGaugh, acting as nautical assessors.  Finding.— Captain of Turbinia, B. W. Bongard, found in default for proceeding under circumstances. His certificate is suspended for a year. Captain of Primrose, A. Brown, found in default for violating Art. 30 and Rules 35, 37 and 38. His certificate is cancelled but Court recommends that a certificate as mate of freight steamer be granted bim.  On Oct. 11 collided with coal pier clute in Sydney harbour, N.S. Formal investigation was held at St. John on Oct. 31 before Captain L. A. Demers.
Valetta I33094 and Sol l'akken	Glasgow (Norwegiaa).	harbour, N.S. Formal investigation was held at St. John on Oct. 31, before Captaia L. A. Demers, Dominion Wreck Commissioner, assisted by Captaias A. J. Muleahy and A. B. Clifford, acting as nautical assessors.  Finding.—Accident due to error of judgment on part of master Richard C. Craggs, who is cautioned to be more careful in future.  On Oct. 4 collided off White island, St. Lawrence river. Formal investigation was held at Halifax on Dec. 6, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Com'dr. E. Wyart and Capt. R. Jones, acting as nautical assessment.
		sors.  Finding.—Both vessels to blame for violation of Art. 21, 27 and 29. Chief Officer of Sol Bakken, Erling J. Lindboe, was remiss in his duty in not complying with the "Rules of the Rond"; but as he is a foreigner, his certificate is not dealt with. Master of Sol Bakken was ill is bed at time of accident. The pilot, Arthur Propert, committed a grave breach of discipline in leaving his post. He is fined \$400.00 and ordered to defray his expenses.  Master of Vulctin, Matthew Mackie, exonerated from blame. The second officer, D. Gillies, is severely criticised and reprimanded for leaving the bridge at a crucial moment. The pilot, Ernest Bernier, is found at fault; he is fined \$300.00 and ordered to defray his expenses.

STATEMENT of investigations into wrecks and casualties which occurred to Canadian, British, and Foreign vessels, held in Canada during the fiscal year 1916-1917—Concluded.

Name of Ship. Official No.	Registered Port.	Remarks.
W. B. Morley	Montreal	On June 17 stranded at foot of Plum island, St. Lawrence river. Formal investigation was held at Quebec on Nov. 17, before Capt. L. A. Demers, Dominion Wreck Commissioner, assisted by Captains Chs. Koenig and R. Demers, acting as nautical assessors.  Finding.—Accident due to lack of judgment on part of pilot Geo. Perreault, who is condemned to pay cost of investigation. On account of his previous good record, his licence is not dealt with.

STATEMENT of wrocks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1916.

COASTING AND SEA GOING WRECKS.

								8 G	EORG	ΕV,	A. 1918
Lives Total or partiar.	Part. loss. Ship, \$500.00.	Part loss.	\$20,000.00.	Part. loss.	Slight damage	Total loss, \$10,000.00.	Part, loss.	Total loss.	Total loss.	Part. loss.	Slight damage.
Lives lost.				:							
Particulars of Casualty. Name of Master.	Stranded	Bulwarks carried away.	John Suchgrove. Foundered	Damaged in gale M. 11. Corkum.	Stranded	Foundered	Collided with sub- merged object.	gulf of Foundered	Foundered	StrandedGeo. II. Sergent.	Collided with Isabel Reid. Chs. C. Hunter.
Place where casualty happened.	Skedigate channel.	Lat: 46°38' N. Long: 49°18' W.	No. Atlantie. Lat: 42° 48′ N., Long: 62° 52′ W.	No. Atlantic. Lat: 40° 36′ N. Long: 62° 15′ W.,	No. Atlantic. Brown's island Mass.	75 miles S. of cape Foundered.	Atlantic. Near Middleton island, gulf of	Alaska. Fraser river, gulf of Georgia.	Off Avonport, N.S. Foundered	Lanlade island	Quebee harbour
Port sailed from. Port bound to.	8.50 Prince Rupert	99 St. Johns, Nftel Gibraltar.	Halifax.	147 Halifax Barbadoes.	146 Liverpool, N.S New Haven, Conn	256 Philadelphia	95 Prince Rupert	Britannia Beach, B. C.	Tacoma, Wash.	2171 MontreadCork.	1,457 Quebec. Rimouski.
Register ter Ton- nage.	8.30	99	256	147	941	256	95		66	2171	1,457
How rigged. Iron or wood. Steam or sail.	Wood.	Gasolene. Schr. Wood	Sehr Wood	Sehr	Sehr	Selir Wood	Ketch	Steam Barge	Steam Schr.	Schr. Steel	Schr Steel Steam
Registered Port.	Prince Rupert	Lunenburg, N.S	Windsor, N.S	Lunenburg, N.S.	Partsboro	Windsor, N.S.	Grimsby.	Seattle, Wash	Diglay, N.S.	West Hartlepool	Nontreal
Age of Ship. Years	8.	22	7	1-	9	7	ಞ		04	-di	30
Name of Ship.	Mlance No. 1 133774	Mma Nelson	Advent	A. V. Conrad 12614	A. J. Sterling 126594	Advent 112321	Andrew Kelly 134745	.Vrgu-	Annie Coggins	Arachne . 132832	21. Aeadian 124258
Date of Casualty.	2,	=	56	migra	÷	91	10	f.	20	50	20.
D Casu	Jan.	Feb.	Feb.	Маг.	Mar.	Mar.	April	June	June	June	June

Total loss.	Total loss, \$1,500.00.	Part loss, \$500.00.	Total loss, \$10,000.00.	Part loss.	Total loss, \$3,500.00.	Total loss.	Total loss.	Total loss.	Part loss, \$750.00.	Part loss, \$1,375.00.	Total loss: Ship, \$5,000.00.	Total loss: Ship, \$1,000.00.	Cargo, \$250.00.	Total loss.	Total loss.
Foundered Capt. Menier.	StrandedL. J. Cook.	Sprung a leakJos. Evans.	Stranded Jas. S. Stade.	Collided with Huntsgale.	Art. Neagle. Foundered	of Foundered	FounderedJohn Carr.	Stranded	Damaged in gale John Cook.	Lost part of eargo	FounderedJos. Evans.	StrandedJ. Dauphinee.	of Loss of Rudder	Stranded. L. J. Cook.	Stranded
Near Rimouski	Nantueket, Mass Stranded	40 miles W. of Seal Sprung a leak Island. Jos. Evans.	Near Salmon river, bay of Fundy.	Montreal harbour	30 miles W. of Mi-Foundered Wilbrod Ca	20 S. W. by W. of Seal island.	20 miles S.W. by W. of Seal island.	Minas basin, N.S	Seotch coast	Lat. 45° 30' N. Long. 46° 20' W.	No. Atlantie. Lat. 40° 49' N. Long. 59° 27' W.	Prospect, N.S		No. Sydney. Yarmouth, N.S	Watch Hill, R.F
	94 Liverpool, N.S Elizabeth Port.	118.55 Ingramport, N.S New York.	219 Barbadoes	3, 533 Cardiff	99.74 Gaspe St. Pierre Mique	496 Chutham, N.B Portland, Me.	725 Chatham, N.B	40 Hall's Harbour	1,528 Glasgow	100 St. Johns, Nfld	H8 Boston	Halifax Ingramport.	99 North Sydney	99.35 Liverpool, N.S Elizabeth Port,	81 LiverpoolNew York.
335-27	:	:	:	:	:			:	<u> </u>		<u>.</u>	:	:	:	<del></del>
Montreal Dredge.	Luneaburg, N.S Sehr	St. John, N.B Sehr Wood	Fowey, EngBqte	LondonSehr	Quebee Sehr	New YorkSehr	New York Schr	MonetonSehr	ParrsboroSehr	Lunenburg, N.S Sehr	St. John, N.B Sehr	HalifaxSehrWood Sail	Lunenburg, N.S Sehr	Port Medway Schr	HalifaxSehrWood
8i 	17	t~	7	15	81	28	24	25	<b>—</b>	io.	7	61	<u> </u>	16	17
1[Algonquin •	29. Albertha	28 Arthur J. Parker. 126286	2 Ada Peard	17 Araluen	26 Avis	1 Arneae	1 Alex. Anderson	13 Annie Pearl	3 Ada Tower	17. Ada M. Westha-	28 Arthur J. Purker 126286	10. Altona	14 . Agnadilla	23 Alraen	29 Beatrice L. Cor- kum. 107130
July	July	Aug.	Sept.	Sept.	Sept.	Oet.	Oct.	Oct	Nov.	Nov.	Nov.	Dec.	Dec.	Dec.	April

STATEMENT of wreeks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1916.—Continued.

COASTING AND SEA-GOING WRECKS Continued.

									0 01	.01101	- ''	
	Loss. Total or partial.	Part loss.	Part loss.	4 On Oriole. Part loss, \$900.	Part loss.	1 (11 (17))	Total loss.	Part loss.	Part loss.	Part loss,	Part loss, \$\$,000.	Part loss.
1000	Lives lost.	:	:	7						1		4
	Particulars of Casaalty. Name of Master.	StrandedJohn Richards.	Sprung a leak	Collided with Oriole.	D. Christensen. Lost Masts, sails Deck load.	Damaged by gale C. H. Parker.	Stranded	Collided with Quadra.	Stranded E. Lewis.	Damaged in gale A. Gauvreau.	Dannged in gale F. Shoemack.	Stranded
	Place where Casualty happened.	Near Portlock Point Lt. House,	Charlottetown	N.B. 40 miles W.S.W. of Collided with Scal Island.	Lat: 19° 40′ N. Long: 52° 20′ W.	Lat: 27° 40' N. Long: 62° 20' W.,	No. Mtlantie. Greea island, N.S	Entrance to Vancou- Collided with ver harbour.	Boston harbour	Long, 43° 20' W.,	Lat. 37° N. Long. 60° 50' W.	Digby island
	Port sailed from, Port bound to.	2,341 Liverpool Scattle, Wash.	192 Louisburg	ove, arg,	France. 295 Jacksonville	S51 TrinidadLiverpool.	76 Boston Fishing Grounds.	496 Comox, B.C	117 St. John, N.B. Boston.	79 Gloucester Fishing.	2, 185 Cardiff	793.72 Vancouver
	Register ter Ton-	Ē.	192	2,200	295	851	1.0	496	117	7.9	2, 185	793-72
	How rigged. Iron or wood. Steam or sail.	Schr.	Schr Wood	Schr	Schr	Bque Iron	Wood	SchrSteel	Schr	Schr	Sehr	Schr Steel Steam
	Registered Port.	Liverpool	St. John, N.B	Bergen, Norway	Liverpool, N.S	Quebec.	Boston	Victoria, B.C.	St. John, N.B	Gloucester, Mass	London, G.B	Vancouver
	Age of Ship.		56	<u>s</u>	¢ı	7	7	83	16	E	23	Ξ
	Name of Ship. Official No.	26 Barrister	Beaver 100056	Borghild	19 Blandford	Bellns	26 Cerona	Charmer	Corn May	Claudia	Carlz	Camosun 121204
	Date of Casualty.	June 26	Aug. 2	Aug. 12	Sept. 19.	Oct. II	Feb. 26	Feb. 26	Feb. 27	Mar. 4	Mar. 4	Mar. 6
		5	7	-54	0/1	0	bring	and and	<del>juliu</del> g	and.	-	-

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088.	loss.	088.	oss. 2,000.	loss.	loss.	loss.	loss. \$2,000.	oss.	.085.	Slight damage	loss, 000.	Slight damage.	Soight damage.	Slight damage.	.880	loss.
Part loss.	Total loss	Part loss.	Part loss. \$2,000.	Total loss	Total loss.	Total loss. \$200.00.	Part loss. \$2,00	Part loss.	Part loss.	Slight	Total loss, \$20,000.	Slight	Soigh	Sligh	Part loss.	Part loss
-										:		:	:			:
	ou.					:.			:		ıdmi- Boat,	. 5	====	- 1		
	ounderedCapt. Knowlton.	sen.	Sprung a leak A. W. Abbott	d	dowell.	Win. Burgess.	er.	nged. Vilkie	ight.		Collided with admiralty Patrol Boat,	with ".	Chs. Campben ollided with Charmer.	John Fynn. ollided with Prince Rupert.	Dan. Conelly.	asc.
Foundered.	Foundered Capt. Knov	Stranded G. Hansen	ung a	Foundered	Foundered	Foundered Wm. Burg	Stranded E. Spicer	ls dan I. A. V	Stranded D. Prought	Stranded	lided alty P	Collided with Canadian.	Collided with Charmer.	Collided with Prince Rupe	mage Dan. C	tranded H. T. Case
Fou	Fou	Stra	Spr	Fou	: E	Fou W	Str.	off Sails damaged. N. A. Wilkie	Str	Str	S .	: :	: :	: :	Da	ec Str
:	% W.,	S. S.	90	B.C	N.S.	:	oads,		rbour.	onver.	Har-	90	SS.	or.	N %	No. Atlantic. atane Point Light Gulf St. Lawrence
basin.	ut. 36° 42′ N Long. 57° 18′ W	ear St. Esprit Island, N.S.	at. 29° 26'. Long. 169' 06.	n rae reck, 1	r bay		oro R	f. by	no. Atlantie. apand Harbo	Vane	stown.	irst narrows Vancouver.	irst narrow: Vancouver	irst narrows Vancouver.	tt. 29 40' N Long, 58° 39' W	No. Atlantic atanc Point Gulf St. Law
Louise basin	Lat. 36° 42′ N Long, 57° 18′ No. 140-140	No. Adamue, Near St. Esprit Island, N.S.	Lat. 29° 26' Long. 160	South Facilie. Mill Creck, B.C	Lobster bay, N.S.	Walton.	Parrsb N.S.	20 S.E. by S. Block Island,	No. Milantie. Crapand Harbour.	North Vancouver	Queenstown Harbour.	First narrows.	First narrows.	First narrows. Vancouver.	Lat. 29 40' N Long, 58° 39	Motante Point Light Stranded Gulf St. Lawrence H. T. C
-		-	:		z z		374.30 Port Greville, N.S. Partsboro Roads, N.S.	:	: .	::		:			 E	:
		ng.	e			S.	ville,		d, P.E		Baie,	ver.	view.	r	LIN 'su	
	- 1	1,943 Havre	Newcastle San Francisco.		259 New York Yarmouth,	30.03 Walton, N.S.	t Gre	ston Boston	92.64 Sydney, N.S Crapaud, P.E.I		196 Cork Bonne Baie, Nfld	496 Victoria	43.51 Vancouver	59.79 Vancouver	176 St. Johns, Nfld St. Johns, Nfld	Newport Montreal
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po	ehr	Steel	od	Wood	Steam Sow.	od	. po	po.		. po	od	- E	Steam ug	Steam Wood	steam jte Steel	Steam Steel
Tug	Schr	Ste	ŭ	Nan	Scow. Wood	Schr	Sehr	Schr	Sehr	Wood	Schr	Sehr	Tug	No.	Bqte Steel	Steam Schr Steel Steam
			New Westminster.			В		В	υς.		S				202	and
: :	York	rgen Norway.	Vestm	uver	as, Mo	hn, N	ridgetown Barbadoes	hn, N	y, N.S.	uver	Parrsboro, N.S	Victoria, B.C	uver	uver	$Z_{-}$	Leith, Scotland
Quebec.	New York.	Bergen Norwa	New I	<b>Vancouver</b> ,	Machias, Me	St. John, N.B	Bridgetown Barbadoes	St. John, N.B.	Sydney,	Vaneouver	Parrsl	Victor	<b>Vancouver.</b>	Vancouver.	Sydney,	Leith,
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9 . C. S. Parnell	6 Cora A.	issy 97548	Coquitam 134081	Charmer 116776	Clifford J. White 126600	Charley Troop	Coral Leaf	Catherine	lara F 83174	Chakawana	. Crescendo 126596	harme 100793	14 Canadian. 122533	Cleeve	9 Dunure. 78858	Junedin 125496
9 .	6	30 Cissy	0 . c	- 2- 	16 . C	29 . C	12 . C	18C	26 Clara Hamilton. 83174	 S	14 . C	14 Charmer	14 C	28	91	19 Dunedia.
April	Mar.	April	May	June	Aug.	Sept.	Oet.	Oet.	Oct.	Nov.	Nov.	Dee.	Dec.	Dee.	Jan.	May

Statement of wreeks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to December 31, 1916.

COASTING AND SEA-GOING WRECKS CONTINUED.

								8 GE	ORGE	E V, .	A. 1918
Loss. Total or partial.	Slight damage.	Part loss, Ship, \$1,500	Part loss, Ship, \$150.	Cargo, \$200. Total loss.	Part loss. \$6,000.	Total loss, \$3,500.	Slight damage.	Total loss.	Slight damage.	Part loss: Ship, \$2,000.	Cargo, soor.
Lives lost.	:	:			:	:		:	-:	:	
Particulars of Casualty. Name of Master.	Stranded A. Grady.	Collided with un- known vessel,	Damaged in gale Geo, M. Dean.	Stranded E. Sweedsen.	Stranded J. D. Simmons.	Stranded Capt. Stephens.	Sprung a leak	Sunk by a torpedo	Stranded J. R. Vickers.	Stranded M. J. Brophy.	Foundered
Place where Casualty happened.	Gin rocks, B.C	80 miles D. by N. of Collided with Cupe Race, known vessel,	·	Pine island, Queen E. Swe	Inhabitants Bay. N.S.	Lockeport, N.S.	1 .	120 E. 51° 5′ N	Lat. 46° 11' N Long. 59° 58' W.	Entrance to Canso Stranded barbour. M. J. B	Knight's inlet, B.C. Foundered
Port suiled from. Port bound to.	1,18I Ladysmith. Prince Rupert.	185 Swindborg Miramichi.	152 Bonaire, Dutch W. Lat. 34° N Indies.	1,181 Prince Rupert Union Bay.	1,601 Montreal		361 Nassem. Puerto de Pedro.	1,382 South Shields Dunkirk.	2, 127 Quebee. Hull, G.B.	97 Bool Bay Fishing	
Register ter Ton- nage,	1,181	185	152	1,181	1,601	17	361	1,382	2,127	6	**
How rigged. Iron or wood. Steam or sail.	Barge	Bare Wood	Schr Wood	Barge Wood	Barge Steel	Sloop. Wood	Schr	Schr	Schr	Schr Wood	Sail.
Registered Port.	Prince Rupert	Swindborg	Sydney, N.S	Prince Rupert	Bayonne, N.J	Shedbane, N.S.	Picton, N.S	Montreal	London	Boston	Vancouver
Nge of Ship.	-10	wje	-1	0+	C1	<u> </u>	10	90	01	w)tr	30
Name of Ship. Official No	Donnld D 126941	Dagnar	Dorothy Duff.	Donald D 126941	Daylight. 214568	Dawson	Evadar	Empress of Fort William.	Ennishrook	Ellen & Mary	Emmeline 103163
Date of Casualty.		13	÷	CI	16	16	Ċ i	61	ic.	Ø.	15
Case.)	June	July	Oct	Nov	Dec.	Dec.	Jan.	Feb.	May	June	June

Part loss.	Part loss, \$200.	Part loss.	Part loss.	Part loss.	Part loss.	Part Loss.	Total loss.	Slight damage.	Part loss, \$2,000.	Part loss.	Part loss.	Part loss, \$900.	Part loss.	Total loss, \$900.	Total loss. Ship, \$10,000	Cargo, \$3,000. Part loss.
:			:	:	:		:			:	:	:		:	:	
Stranded	Main mast carried	Stranded	Anti-Stranded	Stranded	StrandedGeo. Penney.	Stranded	Stranded	Collided with Transfer No ).	Stranded. H. E. Higgins.	Collided with un-	Dan, Park. Collided with Ocean Prince.	Stranded	Stranded Ernest Young.	Stranded	FounderedD. Londale.	175 Stranded St. J. Jenkins.
Louisburg harbour Stranded	Off Parrsboro roads, N.S.	Rustico	South Point Anti- costi island.	Lake St. Peter	Placentia, Nfld	Entrance to Louise Stranded basin, Quebec. F. J. D	Off Briar island,	First narrows	Cranberry island Light, N.S.	Lat. 46° 50' N. Long. 51° 40' W.,	No. Atlantic. Montreal harbour	New London	Stag harbour rock.	Goose Creek	Cape Spear cove	Between buoys 175 M. & 173 M., St. Lawrence river.
2,025 Plymouth, Eng	43 Bennett's Bay Avonport, N.S.	73.64 Sydney, N.S Rustico, P.E.I.	1,925-30 Leith, Scotland Leith, Scotland.	1,900.28 Montreal	99 Cadix Burgos, Nfld.	4,210.78 Avonmouth		59.79 Vancouver	297 Boston Liverpool, Eng.	99.03 Lahave, N.S	3,492.86 Havre	271 Parrsboro	92.44 Springadele, Nfld	98 St. John, N.B Goose Creek,	199 Sydney, N.S Sydney, N.S	2,612 United Kingdom United Kingdom.
2,025	43	73.64	,925.30	,900-28	66	,210.78	92	. 59.79	297	99.03	,492.86	271	92.44	98	199	2,612
Steel	Schr	Schr			SchrWood			Sail	Schr. Wood	Schr		Schr	Schr	Schr	Schr	Sehr Steel Steam
London	St. Andrews, NB.	Charlottetown P.E.I.	Dundee	Montreal	Lunenburg, N.S	London	Weymouth, N.S	Vancouver	Boston	Lunenburg, N.S	Liverpool, G.B	Parrsboro, N.S	Lunenburg, N.S	St. John, N.B	Bridgetowns Barbadoes.	Cardiff
21	7	11	53	41	41	6	82	27	41	r0	-	13	00	31	œ	13
4.  Fernfield	2 Fred Creen	31 Florence	Fremona93470	Fordonian	14. Falka 130734	Folia. 136640	Florence E. Melan-con.	16 Francis Cutting	Grace D. Chambers.	. Gigantie	Governor	Hartney W	Hazel I, Ritecy	14 Harry Morris	17 H. R. Silver	14. Hawlwen
4		31.	29.	∞		31			4	13	12	ت.	7	14.	17.	
July	Aug.	July	July	Aug.	Aug.	Oct.	Nov	Dec.	June	July	Aug.	Jan.	Jan.	Jan.	Jan.	June

STATEMENT of wreeks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1916.

COASTING AND SEA-GOING WRECKS-Continued.

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Loss. Total or partial.	Part loss.	Part loss.	Total loss.	Part loss.	Total loss. Ship, \$30,000.	Cargo, \$7,299. Part loss.	Total loss. \$2,000.	Part loss.	Part loss.	Total loss, \$1,300.	Total loss. Ship, \$17,000. Cargo, \$30,000.
Lives lost.				:		:		:	:		
Particulars of Casualty. Name of Muster.	Collided with L'Etoite.	W. G. Tudor. Stranded F. H. Rowan.	Stranded	Stranded D. Jenkins.	Sprung a leakA. T. Aaderson.	Collided with Storstad.	P. Dessington. Foundered. C. W. Publicover.	Stranded R. A. Scabrook.	Stranded W. Collins.	Stranded E. Niekerson.	80 miles W.N.W. of Sunk by submarine. Corunn, bay of Biseny.
Place where Casualty happened.	Richelien river	Near Scal island	Malpeque reel	Near St. Croix bar. Stranded D. Jenkins	W. of Yarmouth	Off Sydney Orr pier. Collided with Storstad.	Lat. 42° 28' N.	7 miles below Trois-Rivières.	No. Sydney harbour.	Clarks harbour	80 miles W.N.W. of Corunn, bay of Biscay.
Port sailed from. Port bound to.	2,601 Montreal	361 St. John	S9 Picton, N.S Alberton, P.E.1.	2, 612 Montreal	737 Perth Amboy, N.J. W. of Yarmouth Pairway bony,	898 Preston	260-88 New York Lahave, N.S.	3, 643 Havre	71 Burgos, Nfld. No. Sydney.	12-66 Barrington	99 Burnie, Nfld Corunna, Sp.
Register ter Ton- unge.	2,601	361	68	2,612	737	888	260-88	3,643	7.1	12.66	96
llow rigged. Iron or wood. Steam or sait.	Schr	Schr	Sehr	Schr	Sehr	Meam	Schr Wood	Sehr	SehrWood	Ferry	Schr Wood Said
Registered Port.	West Hartlepool	Portland, Me	.Annapolis	Cardiff	Philadelphia	Bergen, Norway	New York(British boat).	Londoa	St. Johns, Nfld	Barrington, N.S.	Lunenburg, N.S Schr Wood Sail
.Age of Ship.	7	3.4	53	13	94	12	FC.	n	10	9	9
Name of Ship. Official No.	Hochelaga	II, B. Cousins	Hazel Glen. S5554	Hawlwen . 115379	Hereules.	Huftero	Heten Hashrook.	Hungerford 136803	llnzel 121863	Hippolyte	24 Harry W. Adams. 130461
Date of Casualty.	61	हो	31	t+	02	1-	16	119	16	16	
Caru	July	July	July	Aug.	Aug.	Sept.	Oct.	Nov.	Dec.	Der.	Dec.

s, \$500.				•	nge.			æ		, \$800.	, \$150.		s. 53,000.	Cargo, \$2,500. Fotal loss. Ship, \$14,000.	Cargo, \$2,000. art loss, \$75.	<i>ii</i> 0.
Total loss, \$500.	Part loss.	Part loss.	Part loss.	Part loss.	No damage.	Part loss \$2,000.	Part loss.	Part loss.	Part loss.	Part loss, \$800.	Part loss,	Part loss, \$1,500.	Total loss. Ship, \$3,000.	Cargo, \$2,500 1Total loss. Ship, \$14,000	5 Part loss,	Total loss. \$3,000
T	P	Ps	Pg	 Pa	Ž	.: P	Pg	P	.: P <sub>8</sub>	<u>H</u>	 Pa	.: Pa	.:		5 Pa	: T_
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sey.	PWS.	an.	k ffin.	ų	ean.		ruishi.	owe.	art.	hor a	agle.		A. Knowl-	ч.	e. gale. shwar	
randed D. Morrissey.	trandedII. Matthews.	randed	ralea 7. Grif	ollided wir	Wm. Denean. randed Wm. Denean.	randed H. H. Card	randed. N. Yamaguishi	randed Benson Rowe.	randedJohn Stewart	oss of Anches	K. Locke. tranded J. N. Spinagle	randed	A.	ton. ollided wit Wartensels.	A. Schnare. amaged in g John H. Sch	randed W. Ogilvic.
Stranded D. Mor	Stranded II. Matth	Stranded. A. Dole	Sprung a leak C. V. Griffin.	Collided with Storstad.	Wm. Dener Stranded Wm. Dener	Stranded H. H.	Stranded N. Yama	Stranded Benson	Stranc	Loss of Anchor head gear.	K. Locke. Stranded J. N. Spin	Stranded W. J. Dige	Burnt. S. N. A.	ton. Collided with Wartenfels.	A. Schnare. Damaged in gale John H. Schwartz.	Stranded W. Ogi
		:		nr	:		:	:	Fox River, 16 miles Stranded below Fame	•			:	off	:	ν, O
Minas channel,.	White Horse rock gulf St. Lawrence,	Cranberry island. N.S.	Lat. 41° 42′ N Long. 59 31′ W.,	Sydney Harbour	Montreal harbour	Spencer's island N.S.	Saturnia island	6k	er, 16 Fame	point. Liverpool harbour	asant	Bug Light, Boston	Spencers island.	12 miles S.W. off Cape Race, Nfld	Long, 54° 12' W.,	No. Atlantic. Parkers Cove, N. Bay of Fundy.
linas ch N.S.	orte 11 ulf St.	anberr N.S.	f. 41° 4	dney ]	ntreal	oncer's	urnia	False creek.	ox River, 16 below Fame	point. verpoo	Point Pleasant N.S.	z Ligh	oencers N.S.	miles ape F	Lat. 45° 38' N. Long, 54° 12	vo. At ckers ( say of
	M.h.	5		ź.	Mo		. Sat				- To 4	· · Bay		-12	_ <u>r</u>	Pa
ennett's Beach Parrshoro Roads.			266 St. John, N.B Limerick, Ireland			Port Williams, N.S. Havana, Cuba.	B.C.	t. 13.0		S. S.	:	:	240 Port Greville, N.S Tralie, Ireland.	S.	menburg, N.S., Lunenburg, N.S.	Z. Z.
tt's Be	ea	ster	m, N. eriek,	ilford, Eng Montreal.	avre Montreal.	ort Williams, N Havana, Cuba.	atle, Wash Nanaimo, B.C	urrard inlet. False ereek	ury, Eng. Montreal.	port, l	Nfld. fax.	York	ort Greville, N Tralie, Ireland	burg.	burg, arburg	oro. No. No.
II Bennett's Beach Parrsboro Ron	969 Swansea Calais.	85 Gloncester. Fishing.	st. Jol Lim	Millor	Havre	Port V	Seatle	52 Burrard inlet False creek, B	Barry	84 Lockeport, N Fishing,	Burin, Hali	274 Halifax New York.	Port C Tral	Luncaburg Fishing.	Lunch	90 Parrsboro, N.S. Digby, N.S.
Ξ	696	88	266	4,800 Milford, Eng Montreal.	4,899 Havre.	299-44	256·74 Seatle, Wash. Nanaimo, 1	523	3,149 Barry, Bug.	250	95-25 Burin, Nfld. Halifax.	27.1	240	93.34 Luncaburg, Fishing.	94.78 Lunenburg, N.S. Lunenburg, N.S.	06
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Wood	Schr. Steel	Schr	Schr Wood	Steel	Steel Steel	Schr Wood	Schr	Sloop.	Schr	Schr	Schr Wood	Schr Wood	Schr	Ĭ	Schr Wood	Schr Wood Sail
8.		Mass	:			S.	n.			Z S	Z.	N.S.		Z S	S.S.	Z.
outh,	rp	ster,		ool	ool	oro, 1	, Japa	uver	W						burg,	outh,
Yarmouth, N.S.	Antwerp	Gloucester, Mass	Boston	Liverpool	Liverpool	Parrsboro, N.S	Putani, Japan	Vancouver.	Glasgow.	Yarmouth,	Luneaburg,	Parrsboro,	Rock.	Luaenburg,	Lunenburg, N.S.	Weymouth, N.S.
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sland ( 85547	ndution	Juno	8. James Thater	son	son	st 126597	Kenkon Maru No. 3.	ildoni 96988	alibia. 115738	erwood 122290	6 Lauretta Francis.	Lawson. 125970	T. W 15980	ueile M 137886	Leta J. Seliwartz 130959	illic E 12204(
13 Island Gem	19. Indutiomare	4Ju	8. Jr	7 Jason	22 Jason	14 Jost	12IX	16 Kildoninn	24. Kalibia	15 Kerwood 122290	6 1	15 Li	30. L. T. Whitmore	18 Lucile M. Schnare 2 13.7886	2 L	12   Lillie E. Melancon 122040
Aug.		01 Mar.	June	Sept.	Nov.	Dec. 1	Jan. 1	May	Sept. 2	Dec. 1	Mar.	Mar. 1	May	June	Sept.	Oct.

STATEMENT of wreeks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1916. Coasting and sea going wreeks,—Concluded.

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Loss. Total or partial.	:	Part loss, \$500.	Total loss, \$100.	Part loss.	Total loss.	Total loss.	Total loss.	Total loss. Shpi, \$1,250	Total loss.	Part loss.	Part loss.
Lives lost.	:		:		-		:	:	•		:
Particulars of Casualty. Name of Master.	Sprung a leak	Dartmouth ledge Stranded	Stranded	Stranded. Jas. Benham.	Foundered	Stranded	Sprung a leak	Stranded John Elliott.	Foundered Geo. A. Baker.	Collided with Genova. Herbert Reid.	Sprung a leak I. A. Hopkins.
Place where Casualty happened.	North Atlantie	Dartmouth ledge	Little Wood island	Lockeport harbour. Stranded. N.S.	40 miles S. off Liverpool, N.S.	Near Seal island	Bay of Fundy	St. Pierre Miquelon. Stranded	4 miles N.W. off Point Prim.	Lat. 36° 28′ N Long. 58° W., Mediterranean	On voyage from Chatham to New York.
Port sailed from. Port bound to.	109-64 Halilax. Dover.	34 Freeport	14 Yarmouth Tiverton, N.S.		99 New York		100	85 St. Johns, Nfld.	145.96 Yarmouth.	99 St. Johns, Nild	190-82 Chatham, N.B. New York.
Register Ton-	109 - 64	34	1001	30.65	66	:	109	85	145-96	66	190-82
How rigged. Iron or wood. Steam or suil.	Tug	Schr.	Sehr	Sehr	Schr	Zari	Sail Schr	Sehr	Sloop	Sail Rote Wood Sail	Schr. Wood Sail
Registered Port.	St. John, N.B	Digby, N.S	Yarmouth, N.S	Yarmouth, N.S	Quebec.	(American)	Lunenburg, N.S.	Lunenburg, N.S	Yarmouth, N.S	Lunenburg	Picton, N.S.
Age of Ship.	14H C/2	33	II	ağı.	<u>t-</u>		_	=	9	12	16
Name of Ship. Official No.	Lord Kitchener 112230	I. M. Ellis 80695	Lydia L	Lily M. Hodge	Lena F. Oxner 107126	Louis K. Cotting-	Marjorie MeGlas- ken.	134402 Matatua 116535	Nule	Maggie Belle	19 McClure. 100704
Date of Casnalty.	Nov.	Nov. 23	Dec. 16	Dec. 16	Dec. 29	ů.	13.	Mar. 4	ly 30	ly 30	Ang. 19
5	7.	7.	D	9	Õ	Jan.	Јип.	7.	July	July	7.

Part loss. \$20,000.	Total loss.	No damage.	Total loss, \$5,600.	Part loss.	Part loss.	Part loss.	Part loss.	Part loss, \$150.	Part loss.	Part 1:ss.	Ship, \$600.	Total loss. \$800.	Part loss, \$1,200.	Part loss.	Part loss.	Total loss, \$5,000.00.
-								:		•	:					•
Damaged by fire James Adams.	Foundered	Stranded	StrandedS. Cairn.	Loss of cargo Chs. Webber.	Main gaft lost and Foresail damaged	Collided with Arracan.	Damaged in gale M. Tobin.	Damaged in gale C. Bourgoyne.	Damaged by fire Geo. II. Lowe.	Stranded Harry Locke.	MissingRussel River.	Stranded E. Mitchell.	Sprung a leak Thos. Lowrie.	Loss of sails L. F. Backhouse.	Stranded	Stranded J. H. West,
Halifax harbour	Cape Smoky	4 miles E. off Father point.	St. Mary's Bay N.S.	Lat. 47° 28' N. Long. 36° 30' W.,	off Tuskar	Near Father point	Lat. 38° 36′ N. Long. 50° 49′ W.	Lat. 40° 30' N. Long. 21° 10' W.,	Lat. 36° 53′ N. Long. 10° 35′ W.,	Lockeport harbour, N.S.	North Atlantic	Cape Sable, N.S		Lat. 26° 0' N. Long. 66° 0' W.,	Hadley's point, N.S	St. Augustine Island, Can. Labrador,
	North Sydney		48.50 Little River, N.S Weymouth, N.S.	166 St. Johns, Nfld Gibraltar.	385 Garston Halifax,	2,775 Manchester	99 St. Johns, Nfld Barbadoes.	91 Twilburgate, Gibraltar, for orders.	385 New York. New York.		94.49 Lunenburg	Mahone Bay	90 Montreal St. Johns, Nfld.	59 Porto Rico Turks Island.		16.70 Harrington, P.Q St. Augustine.
1,162	:	:	48.50	166	385	2,775	66	91	385	33.44	94.49	59	90	59	•	16.70
Schr	Steel		Sehr	Schr	SehrWood	SchrSteel	Sehr	SehrWood	Schr	Schr Wood	Schr	Schr. Wood	Sehr	SchrWood	nac	Schr
London		Genoa, Italy	Yarmouth, N.S	Sydney, N.S	St. John, N.B	Manehester	Lunenburg	Lunenburg	Montreal	Shelburne, N.X	Lunenburg	Yarmouth, N.S	Quebee	Weymouth		Lunenburg, N.S
20			30	6	15	4	9	-	53	11	-34	27	38	15		00
Aug. 27. Minia	Scpt. 1. Maggie W	Note Sept. 9. Moltke	Sept. 23. Mikado	Oct. 3 Mildred	Oct. 23. Mclba	Oet. 27 Manchester Inventor.	Nov. 16 M. M. Gardner	Dec. 13. Marion Helena	Manxman 93825	Dec. 16. Mariana	Dec. 19. Mary F. Fleming.	Jan. 7 Nellie.	July 8. N. W. White	July 26 Nellie	Sept. 30 Norwalk	Oct. 4. Northern Messenger. 126108

STATEMENT of wreeks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1916. Coasting and sea going wreeks.—Continued,

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Loss. Total or partial.	Part loss.	. Part loss.	Part loss.	24 Total loss.	Part loss.	Total loss, \$30,000.00.	Slight damage.	Part loss, \$800.	Part loss. Sliip, \$22,000.	Cargo, \$23,500. Part loss, \$2,000.00.	Part loss.
Lives lost.	-	:	•	24	:	•		:			
Particulars of Casualty, Name of Master.	Flawed shaftJ. J. J. Dicks.	Stranded	Lost part of cargo Ths. Evans.	Missing P. Fredricksen.	Collided with Governor.	R. Kirkwood. Stranded. A. Deschenes.	Stranded L. P. Locke.	Filled up & rolled	R. Newcombe. Stranded E. C. Tredway.	Collided with Baleine.	J. Westhaver. StrandedAlex. Thomson.
Place where Casualty happened.	St. Johns bay	Lockeport harbour., Stranded	150 miles off Chebueto head.		Montreal harbour	Red island, river St. Lawrence.	Seymour narrows Discovery passage	Off Campo Bello	Entrance to Halifax, Stranded harbour.	Halifax harbour	North Skeena pas-Stranded sage.
Port sailed from. Port bound to.	254 Sydney. St. Johns, Nild.		28 Inhifax St. Nazaire,	Prance. 129-79 Vancouver. Fishing.	5,288 Falmouth	268-91 Rivière du Loup	978.60 Vancouver.	102 Parrsboro, N.S St. John, N.B.	2,472 Middleboro Galveston, U.S.N.	99 Luneaburg	978-60 Vancouver
Register fer Ton- nage,	198	34.56	Si	129.79	5,288	268-91	978-60	102	2,475	66	09.876
How rigged. Iron or wood. Steam or sail.	Schr	Sehr	F. & A	Steam	F. & A Steel	Steam Wood	Sehr	Sehr	Sehr	Schr	Sail Schr Steel
Registered Port.	Sydney, N.S	Shelburne, N.S	London, G.B	Hull, G.B	Newcastle	Quebec	Victoria, B.C.	St. John, N.B	London	Lunenburg, N.S	Victoria, B.C.
.Vge of Ship. Years	30	t-	0	6	6	ŝ	9	91	63	oği.	6.5
Name of Ship. Official No.	Njord 134522	Nellie J. Banks. 12663	20 . North Cambrai	Ouward 140.	Ocean Prince	Pilot 85303	Princess Maquina.	13 Priseilla	Potomac 102795	20 . Phyllis L. Westhaver.	130828 Princess Maquina. 133769
Date of Casualty.	00	16	. 02	20	51	16	-	13.	19		¢1
Da Of Casus	Oct.	Dec.	Dec.	Јап.	.Yug.	Jan.	Feb.	Feb.	Feb.	April	June

Part loss.	Part loss.	Part loss.	Slight damage.	Part loss.	Fotal loss. Ship, \$11,000.	Cargo, \$2,000. Total loss.	Part loss, \$9,300.00.	Total loss.	Part loss.	Part loss, Ship, \$1,000. Cargo, \$50,000.	Part loss.	Part loss.	Part loss,	Part loss.	Part loss.
	:	:	:		:	:		:	:	:		:		-	
Stranded E. W. Wearmouth	Stranded J. C. Shaw.	Stranded John McLeod.	Collided with	R. A. Hunter. Collided with Sekirk.	StrandedA. M. Conrad.	Sunk by sub-marine. Geo, Patterson.	Lost part of deck	D. Morrissey. Foundered.	ŭ	D. McKenzie, Stranded. E. Nikerson,	Collided with	E. C. Leblane. Stranded	Sprung a leak	Damaged by fire	StrandedArt. Dechene.
Portland canal	Lat. 49° 20′ 50″ N Long. 123° 29.00 W	Discovery passage B.C.	N.E.of Barnaby shoal, B.C.	Vancouver harbour.	Near Cranberry island, N.S.	English channel	North Atlantic	Parrsboro roads	Vancouver harbour.	Clark's harbour	Nanaimo harbour	Restigouche	North Atlantic	Victoria harbour	St. Catharines bay Stranded
539-81 Vancouver, B.C Port Simpson.	978.60 Prince Rupert	1,904 VictoriaSkagway.	1,910 VictoriaVancouver.	465.94 VietoriaVancouver.	97 Gloucester	2,094 New York	Moneton Barbadoes.	76-48 Parrsboro	1,626 Skagway. Vancouver.	98 Clark's Harbour, N.S. Gloucester.	165.25 VictoriaNanaimo.	2,777 Campbellton	123 Belliveau Cove,	243.77 Victoria	240.25 Rivière du Loup
539 · 81	978-60	1,904	1,910	465-94	97	2,094	281	76-48	1,626	86	165.25	2,777	123	243.77	240.25
Schr	SchrSteel	Sehr. Steel	Schr	Ŧ.	Schr	Schr. Steel	Schr	Sehr	Sehr	Steam Schr Wood Sail	:	Sehr	Schr. Wood	Sehr	:
Prince Rupert	Vietoria	Victoria	Victoria	Vancouver	Gloucester	Sarnia, Ont	Parrsboro, N.S	Parrsboro, N.S	Newcastle-on- Tyne.	Barrington	Ottawa.	Cardiff	St. John, N.B	Victoria	Quebec
9	es	io.	9	캑	9	12	8	39	9	16 1	23	9	15	222	27
16 Prince John	3. Princess Maquina.	15 Princess Alice	17 Princess Adelaide.	17 Princess Sophia	Premier 207472	Palacine118150	11 Percy B	12. Pansy 72316	25 Prinee Rupert	Palmette	26 Quadra	Quantock	Quetay	Queen City	31. Queen. 92335
16	e5	15	17	17	29	61	11	12	25	25	26	27	26	6.	31
July	Aug.	Oct.	Nov.	Nov.	Nov.	Dec.	Dec.	Dec.	Dec.	Dec.	Feb.	June	June	Sept.	Oct.

STATEMENT of wreeks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1916. Coesting and sea going wrecks.-Continued.

COASTING AND SEA-GOING WRECKS-Continued.

								0 01	.Ondi	L V, /	4. 1910
Loss. Total or partial,	Part loss, \$300.	Part loss, \$800.	Part loss, Ship, \$6,000.	Cargo, \$6,500. Part loss.	Part loss.	Part loss.	. Total loss.	Part loss.	Total loss. Ship, \$80,000,	Cargo, \$1,000. Totul loss.	Total loss, \$500.00.
Lives lost.	. :		:			:	*				
Particulars of Casualty. Name of Master.	Stranded A. Mitchell.	Danaged in gale R. Wharton.	Darnaged in gale R. A. Lohnes.	Damaged in gale If. A. Rowan.	Stranded W. II. Raasom.	Stranded	Burnt P. Beauchemin.	Tail end shaftbroken.	A. K. Lee. L. Anderson.	Stranded L. H. Sabean.	Stranded. H. W. McNally.
Place where Cusualty happened.	Halifax liurbour	50 miles S.E. of Sable Island.	5 miles S. E. of Jeddore head.	Lat. 46° 8' N. Long, 32° 52' W.,	No. Atlantic. 8 miles below Chicoutimi.	West Cape, P.E.L	Sorel harbour	:	Near Key reef, Alaska.	Nantucket, Mass	Advocate beach
Port sailed from.	58 Ship's Harbour, N.S. Halifax hurbour. Ship's Harbour.	89 Liverpool, N.S	Halifax St. Johns, Nild.	997 Quebec. Loadon.	957 Sodus Point		105-09 Montreal Beloeil.	997 Middlesborough	149-15 Steverton, B.C Deep Sea.	22.63 New York	19 St. John, N.B Advocate harbour
Register Ton-	33	68	198	266	957		105.09	997	149-15	122.63	19
How rigged. Iron or wood. Steam or sail.	Sehr.	Schr	Schr.	Schr Steel	Wood	- Sicail	Sail	Schr Steel	Ketch	Schr. Wood	Schr. Wood
Registered Port.	Lunenburg, N.S	Gloucester	Bridgetown Barbadoes.	Hamilton.	Montreal	Boston	Sorel	Hamilton	Vancouver.	Windsor, N.S.	Parrsboro, N.S.
. Ake of Ship.	2.0	-	-	S .	% %		10	861	s,	7,	o
Name of Ship. Official No.	Reform. 111705	Robert and Richard.	Robert J. Dale 134391	Rosedale 95265	Robert R. Rhodes.	Ruth Robinson.	24 R. Paul 126854	Rosedule . 95265	Raman	Ravola 100273	Stanley L 125961
Date of Casualty.	+	÷	1-	30	¢ι		či	m	<u>r.</u>	12	<u>t-</u>
Casu	Mar.	Mar	May	May	June	Oet.	Oct.	Nov.	Nov.	Dec.	Jan.

Part loss, \$90,000.00.	Part loss, Ship, \$600.	Part loss.	Part loss.	Part loss, Ship, \$1,000.	Total loss, \$300,000.	Part loss.,	Part loss.	Part loss.	Part loss.	Part loss.	Slight damage.	Total loss, \$1,500.	Part loss,	Part loss, \$300.00.	Total loss.	Part loss, \$5,000.
:									:	:		:				:
Loss of snils	Damaged in gale Geo. Rumsey.	Stranded	Collided with anknown vessel. H. W. Taylor.	Stranded	Stranded W. H. Blaekler.	Stranded E. Olsen.	Collided with Huttero.	Stranded	Collided with	Stranded	StrandedT. E. Hill.	Foundered	Stranded F. W. Clarke.	StrandedJoha Milken.	Collided with	Damaged in gale H. Henricksen.
Lat. 41° 1′ N. Long. 56° 10′ W.,	Lat. 37° 30′. Long. 68° Gulf	Halifax harbour	Lat. 25° 45′ N Long. 78° 30′ W., No. Atlantic.	Keep ledge, Me	Gull ledge, N.S	Sydney harbour	Sydney harbour	Canal Pass buoy	1 mile off cape Dod, St. Lawrence	river. Strait of Canso	Point Citrouille Riv. St. Law-	rence. Queen Charlotte sound, B.C.	Bay View, Digby strait,	Skidigate narrows B.C.	Off cape Race	Lat. 41° 50' N Long. 50° 20' W., No. Atlantic.
2,212 Liverpool, G.G	283 Barbadoes. St. John, N.B.	2,132	King's Port, N.S Port au Prinec, Haiti.	108 Bear River, N.S Boston.	,230-85 PhiladephiaSydney, N.S.	3,578 Wabana, Nfld Sydney, N.S.:	Sydney, N.S	3,034 SingaporeVancouver.	1,662 Dieppe Montreal.	; ;	2,883 Liverpool Montreal.	11.73 Vancouver	88.65 Parrsboro, N.S Digby, N.S.	25.92 Prince Rupert		2,241 Newcastle-on-Tyne. Bultimore, U.S.A
2,212	283	61	134	108	230.85	3,578	3,561	3,034	1,662	91	2,883	11.73	88.65	25.92		2,241
Iron	Schr	Steel	Steam Sehr. Wood Sail	Schr. Wood	Schr	Sehr	SehrSteel	Schr	SchrSteel	Steam Sehr	SehrSteel	Steam	de se	Sehr	Cass.	Sehr Steel Steam
Christiaaia Norway.	Parrsboro, N.S	London	Maitland, N.S	Parrsboro, N.S	Montreal	/Norwegian)	Christiania Nórway.	Janacs, Japaa	Bergen, Norway	Richibueto	Liverpool	Vancouver	Windsor, N.S	Vaneouver	(Japanese)	Bergen, Norway
69	13	30	-	13	6	10	9	25	18	23	₩.	ro	18	00		18
20. Svaland	20. Silver Leaf	22 Sarah Radeliffe 105182	1 Silver Queen	9 Scotia Queen	Stormount	Sandjford	7 Storstad	22 Shintse Maru	Solbakken	4. Stella	18 Saint Winifred	Stadia	Sam Slick	29. Tuladi	1 Takata Maru	24. Thomas Krag
20	20	13	1	6	26	12.			4			14.	99	29.	1	24.
Mar.	Mar.	Mar.	Мау	May	June.	Aug.	Sept.	Sept.	Oet.	Nov.	Nov.	Dec.	Dec.	Jan.	Feb.	Mar.

STATEMENT of wreeks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1916. Coasting and sea going wreeks.—Continued.

COASTING AND SEA-GOING WRECKS-Continued.

Loss. Total or partial.	Part loss.	Part loss.	Part loss.	Part loss.	Part loss.	Part loss. Ship, \$200.	Part loss, \$2,500.	Total loss.	Total loss, \$3,000.	Total loss, \$1,634.	Total loss, 86,000.
Lives lost.	, e e e e e e e e e e e e e e e e e e e				•	:	•				*
Particulars of Casualty, Name of Master.	Stranded	Collided with Quay wall.	Propeller blades broken.	J. Danton. Damaged in gale John Manuel.	Collided with Francis Cutting.	Z. Koberts. Stranded P. George.	Collided with Wakana.	Burnt	Stranded D. Robinson.	FounderedJos. Evans.	Stranded J. McDonald.
Place where Casualty happened.	Old Proprietor ledge.	St. Nazaire	Barry Dock	Scarweather light ship.	First narrows, B.C.	Partsboro, N.S	Vancouver harbour.	St. John harbour	Salisbury beach, N.H.	5 miles E. of Seal island.	10 miles E. of Havana.
Port sailed from. Port bound to.		2,159 St. Nazaire, France. St. Nazaire Barry Eng.	2, 159 St. Nazaire.	1,299 Glasgow Dunkirk.	772 Vancouver Newport.	Economy. St. John, N.B.	579 Vancouver		100 Clements port	113 Liverpool, N.S	311 Havana
Regis- ter Ton- aage.	2,909	2,159	2,159	1,299	110	98	579	631	100	113	311
How rigged. Iroa or wood. Steam or sail.	Steel	F. & A	Steam F. & A Steel	Schr.	Barge	Schr. Wood	Sehr	Meam	Sehr.	Schr	Sehr Wood Sail
Registered Port.	Glasgow	St. John, N.B	St. John, N.B	Toronto	Vancouver	Sackville.	Victoria	St. John, N.B,	Parrsboro, N.S.	New London	Bridgetown Barbadoes.
Age of Ship.	10		-	0	2	30	9	19	¢1	20	83
Name of Ship. Official No.	Tyne.	Tanngra	Tanagra	Tagona	Transfer No. I	Two Sisters	Venture	Victoria 107063	Virginian 116330	Vesta	Wandrian
Date of Casualty.	67	16	19	-	*	16	6		G,	23	61
Casi	July	Aug.	Sept.	Nov.	Dec.	Dec.	Feb.	Feb.	June	July	Feb.

Part loss,   Ship, \$600.	Part loss.	Total loss. \$900.	Part loss.	Total loss, Ship, \$40,000.	Part loss.	3 Total loss.	Part loss.	7 Total loss.	Part loss.	Total loss. \$12.000.
	:					en *		7		
Damaged in gale	Collided with Lucile M. Schnare.	Stranded	Stranded	FounderedO. Joston.	Vaneouver harbour. Cargo destroyed by	Foundered	Cargo damaged by	Sam, Wiaton. Foundered	Sprung a leak J. P. Strum.	Foundered
Lat. 39° 34' N Long. 16° 56' W.,	10 miles S. of Cape Race.	Hardies channel P.E.I.	Shippegan gully,	Lat. 51° 30′ N Long. 15° 21′ W No. Atlantic	Vancouver harbour.	Malpeque harbour Foundered	Vancouver harbour . Cargo damaged by fire.	4 miles off Metagan Foundered	Long. 32° W.,	St. Francis river
99.St. Johns, Nfld	2,825 London	38.68 Chatham, N. B North Rustico, P.F. I		Norfolk, VanSharpness Docks.	2,712 Wellington, N.Z San Francisco.	Shediae, N.B. Malpeque, P.E.I	3,590 Melbourne	New YorkYurmouth,	271 Parrsboro	
66	2,825	38.68		:	2,712	62	3,590		271	119
SchrWood	Steel	Schr	Schr	Schr	Steel	Schr	SchrSteel	Schr	Schr	Steam
11   Lunenburg, N.S Schr	London	Charlottetown, P.E.I.	(American)	New York	London	Charlottetown P.E.I.	London		9 Parrsboro, N.S	Sorel, P.Q
=======================================	13	7	:	36	16	31	0	:	6	9
Mar. 11. Winifred	June 18 Wartenfels	1 Western Light	3 W. G. Hudson	Nov. 13 William P. Hood. 80757	Nov. 14 Wamarina	Nov. 14 W. Parnell O'Hara 100543	Nov. 15. Waikawa	19 William Mason	27 William Gertrude.	Nov. 22. Zephir. 126455
11	18	1	 	13	14.	14	15	19	27.	22.
Mar.	June	July	July	Nov.	Nov.	Nov.	Nov.	Dec.	Dec.	Nov.

INLAND WATER WRECKS,

No damage.	Fotal loss.	Part loss.	Total loss, \$3,000.
 No	Tota	Part	Tota
	:		<u>:</u>
StrandedJas. Crawford.	Foundered	StrandedJohn Simmons.	Burnt Thomas York.
Bay of Quinte	Praser river	Lake Huron, Cana- Stranded	Rockland wharf, Burnt Thomas York.
90 Stella Bath		2, 117 Chicago Mildland.	15·18 Rockland
06		2,117	
· č	oteam	Steam	Tug
•			
16 Kingston	(American).	Duluth	Ottawa
16	:	23	80
1. Aletha	Argus	7 25 Arthur Orr	Aug. 5. Aid
1	00	25	
May	June	July	Aug.

STATEMENT of wrecks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters from January 1 to December 31,1916. Inland Water Wreeks.

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								8	GEOF	RGE V	A. 191
Loss. Total or partial.	Part loss, \$2,000.	Part loss, \$7,000.	Part loss, \$1,500.	Total loss.	Part loss, \$800.	Part loss.	Part loss, \$3,000.	Part loss, \$500.	Part loss, \$26,000.	No damage.	Part loss.
Lives lost.	:					:	* * * * * * * * * * * * * * * * * * * *				4 6 6 6
Particulars of Casualty.  Name of Muster.	In collision with Fairfux and Simla.	J. V. Norris, Damaged by fire E. Perrault.	Stranded	Stranded	Stranded. Robt. O. McLeod.	In collision with yucht.	Robt. Williams. Collided with Dundurn.	W. Bloomheld. Stranded. Robt. O. McLeod	Stranded	StrandedAlex. Anderson.	StrandedRobt. O. McLeod
Place where Casualty happened.	Lachine canal	Thunder bay, Lake Superior,	Near Sturgeon bar, St. Lawrence r.	Point PelecIake Erie.	Soulanges canal	Toronto harbour	Lake St. Louis	5 miles East of Morrisburg, Ont.	Canada island St. Lawrence r.	1/2 mile East of Chateauguay Light House	Lake St. Louis. East end of Lachine Stranded Robt. O. M.
Port sailed from. Port bound to.	358-30 Montreal	178-13 Port Arthur	I76 Detroit Nontreal.		959-47 Pric. Montreal.	451 Hanlan Point.	606-69 Hamilton	959-47 Montreal Eric.	885 Port Colborne	222 Kingston Montreal.	959-47 Erie, Pa Montreal.
Regis- ter Ton- ange.	358-30	178-13	176	36	959-47	451	69 - 909	959-47	888	222	959-47
How rigged. Iron or wood. Steam or sail.	Steel	Sehr	Wood	uranc .	Wood	Steam	Steam	Wood	Sehr Wood	Iron and	Steam Wood Steam
Registered Port.	Montreal	Port Arthur	Detroit	Wallaeeburg	Montreal	Toronto	Montreal	Montreal	Kingston	Collingwood	Montreal
of of Ship. Years	82	21	83	31	56	10	Ξ	26	10	Ç1	56
Name of Ship. Official No.	Advance 88632	A. F. Perry	Albert Y. Gowan. 106553	Ariadne	Byron Whitaker 134145	Bluebell	Belleville.	Byron Whitaker 134145	Burma Ill765	Britannie, 100185	Byron Whitaker 134145
Date of Casualty.	62	0.4	tonic andia	53	23	CO CO	ij	∞i	65	53	12
C &	Aug.	Nov.	Nov.	Nov.	May	May	June	June	June	July.	Oet.

Total loss, \$60,000.	Part loss.	Part loss, \$2,500.00.	Slight damage.	No damage.	6 Total loss, \$8,000.	Part loss.	Total loss, \$6,500.	Part loss.	Slight damage.	4 Total loss, \$30,000.	Part loss,	Part loss, \$5,000.	No damage.	Part loss.	Slight damage.	Part loss, Ship, \$5,000. Cargo, \$3,000.
:	:	:	:	:	9 ::			:	:	:	:	:	:	:	:	:
Burnt	StrandedJohn Ewart.	Sprung a leak Leon Pregent.	StrandedB. A. Bonyard.	Collided with Belleville.	Stranded	Cover of air pump broken.	C. R. Albinson, Pointe Foundered Geor - Nup. Cloutier.	Collided with Presque Isle.	E. Kımberley. Stranded Frank Burke,	BurntJohn Chartier.	Collided with Canal wall.	Collided with  Keynote.	Stranded	Stranded	Collided with Laurentia.	J. B. Coullard. Damaged by fire Z. Leroux.
Collignwood harbour.	Whitefish bay	Soulanges canal	Niagara river	Lake St. Louis	33 miles East of Bar Pt. Light,	2 miles N. E. of Whitefish point,	of J ils,	Rian bay. West end of Lachine Collided with canal.	Little Wold Shoal Georgian bay,	Quyon wharf	Soulanges canal	Welland canal	MeKey Pt. Light lake St. Francis.	1 mile E. of Iro- quois, St. Law-	rence river. 550 feet E. of St. Gabriel Lock,	Lachine canal, 300 feet W. of Black Bridge, Lachine canal.
	3,285 Fort William	1,051 39 Ashtabula	648 Toronto	471-56 Montreal	739 Buffalo	I,341 Port Colborne Fort William.	29.41 Bying Inlet	147 New YorkMontreal.	1,089 Fort William	218-25 BritanniaQuyon.	1,309 Ashtabula	I,037-53 Fort William	618.06 Montreal	1,666 73 Clarke City	226-55 Montreal	226-55 Cornwall
664 - 48	3,285	,051 39	648	471-56	739	1,341	29.41	147	1,089	218.25	1,309	,037-53	90-819	,666 73	226-55	226-55
Wood	Steel	:	Paddle	Schr	Barge	Schr	Steam	Steam Barge	Steel	Steel	Steam Steel	-	Sehr		Steam	Steam Wood Steam
Collingwood	Collingwood	Montreal	Toronto	Hamilton	Michigan	Newcastle	Collingwood	Rouses Point	Midland	Ottawa	New York	Newcastle	Montreal	Port Arthur	Montreal	Montreal
98	∞	53	20	4.0	45	10	29	61	551	50	18	13	35	77	17	17
18 City of Midland	23. Collingwood	4 Canobie	6 Corona	Dundurn	D. F. Filer	26 Edinonton	Fred Davidson	6 Fairview	27 Glenlivet	G. B. Green	16 Huron	4 H. M. Pellatt	Henry B. Haall 138094	23 Hamiltonian	2. Hebron	4. Hebron. 107613
				e e			ř. 4			\$ 23			g. 16			
Mar.	April	June	Sept.	June	Oet.	April	Sept.	Oct.	June	July	May	June	Aug.	Aug.	Nov.	Nov.

STATEMENT of wreeks and easualties reported as having occurred to British, Canadian and Poreign vessels in Canadian waters and to Canadian vessels in other waters from January 1 to December 31, 1916. Inland Water Wrecks.-Continued.

INLAND WATERS WRECKS-Continued.

n .	1										
Loss, Total or partial.	No damage,	Part loss.	Part loss.	Part loss,	Part loss, \$1,000.	Part loss, \$2,500.	Part loss.	Part loss. \$7,600.	Part loss.	Part loss.	Part loss.
Lives lost.		:	:		:						
Particulars od Casualty. Name of Master.	Collided with	F. Brunette. Collided with Canal gates.	das. Roch. Collided with Fennek.	Collided with Midland Prince.	II. C. Minnos. Collided with a schooner.	Ant. Bonner. Collided with H. M. Pellatt.	Stranded Geo. Bunting.	Stranded F. J. Marigold.	Stranded	Collided with gates.	Stranded J. A. Smith.
Place where Casualty happened.	Lake St. Louis	Lock 12, Welland	Gananoque	35 miles E. of Passage island, lake	Superior. 4 miles E. of Corn-wall.	Welland canal	Lake Eric	Nepigon Bay, Lake Stranded Superior.	Black Bay	Lock No. 1, Welland canal.	Lake Superior
Port sailed from.	480 Montreal	573 Montreal		412 Sarnia. Fort William.	Sorel Montreal.	I,090 MonfrealToledo.	1,254.20 AshtabulaMontreal.	319.68 Sault Ste Marie		36 Cleveland	1,267 Fort William
Regis- ter Ton- nage.	480	573	m	412	381-43 Sorel	I,090	1,254-20	319-68	227	36	1,267
How rigged. Iron or wood. Steam or sail.	Burge	Wood	Yacht	Schr	Schr. Wood	Schr.		Wood	. real	Neam	Steel Steam
Registered Port.	Picton	Montreal	Kingston	Sarnia	Montreal	Neweastle-on- Tyne,	Montreal	Windsor	Ottawa	Fairport	Toronto
Age of Ship.	10.00	11	6	18	85	¢1	박	00 00	36	36	25
Name of Ship. Official No.	Isabel Reed	India 107735	Idunno	Imperial 108346	Katahdin	Keynor. 133558	Keybell	Lakeside 90778	La Canadienne	21 Lehigh 1404	3 Masaba 131088
Date of Casualty.	-	53		ada	55	न्त	9	53	2		
Due of Casum	June	June	Aug.	Nov.	May	June	Sept.	July	Sopt.	Nov.	Sept.

Total loss, \$1,500.	Part loss.	Part loss,	No damage.	Part loss, \$1,500.	Part loss.	No damage.	Part loss,	Part loss.	Slight damage.	Part loss.	Part loss, Ship, \$21,000.	Cargo, 820,000. Slight damage.	4 Total loss, \$15,000.	Part loss.	Part loss.	Total loss. Ship, \$135,000. Cargo, \$30,000.
	:						:				:	:	***	:	:	
Foundered	Collided with Imperial.	W. H. Anderson. Foundered	Stranded	4 bludes of propeller broken, P. W. Hart	Stranded	Collided with un- known vessel.	J. A. Toupin. Stranded A. Dixon.	StrandedAlex, Paul.	Collided with Turbinia.	Alex. Brown. Collided with druw- bridge.	A. Dixon. Stranded	Stranded	Foundered	Damaged in gale	Collided with	R. McLennan. Sprung a leak J. W. Wintguay.
Abitibi River Foundered.	35 miles E. of Passage island, lake	Superior, Half mile E. of Murray canal.	Dome island, St. Lawrence river.	East end of Cornwall canal.	Grenadier island	Coteau lake, lake St. Francis.	Morgan's point	Montreal harbour	Toroato	Lachine canal	Canada island, St. Lawrence river.	Off Hamilton's Island Light lake	5t. Francis. 12 miles off Oswego.	8 miles off Copper harbour, lake	Superior. Cherry Island light. lake St. Francis.	Coekbura island Lake Huroa.
	4,559 85 Fort William	37 Port Dalhousie	5-10 Erie, Pa	1,780 Detroit	Cleveland New York.	800-40 Montreal	617 Cleveland	2, 049 Tuxpain, Mexico Montreal.	119.33 Haultain Point	617 Cleveland	989 Port Colborne	I,999-44 Montreal Preseott.	157 Trois-Rivières	296-42 (TevelandFort William.	1,148 Fort William	296-42 Fort William
10.63	4,559 85	37	5-10	1,780	2,070	800.40	617	2,049	119-33	617	989	1,999-44	157	1,296-42	1,148	1,296-42
Wood		Steam Tug	Wood	Xteel	Sehr	Wood	Barge	Steel	Iron	Steam Barge Wood	Schr	Steel	Steel	Wood	Schr	Wood Steam
Toronto	Midland	Montreal	Buffalo, N.Y	New York	New York	Montreal	Fairport	New York	Toronto	Fairport	Montreal	Montreal	Ottawa	Sarnia	Sunderland	Sarnia
19	6	31 N	33	jud jud	-	29 N	222	₩	26 T	÷	16 N	6	01	33	9	£0 £0
Maxie 107162	4 Midland Prince	McNaughton	Nepigon	22 Norfolk	No. 82. 214518	Omaha	7 Pentland	Princeton	Primrose	Pentland	Quebec	Rapids King	25 Roberval	Saronie	Saskatoon	Saronie
		1-	ei ei		. 25 .	¢1		30	13.	c1	530	12		12	1.	. 20
Sept.	Nov.	Dec.	Oct.	Nov.	Nov.	June	May	July	Ang.	Nov.	June	Aug.	Sept.	May	June	Aug.

STATEMENT of wreeks and easualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters from January 1 to December 31, 1916. Inland Water Wrecks.-Concluded.

INLAND WATERS WRECKS-Continued.

Loss. Total or partial.	Part loss, \$100.	Part loss, \$50,000.	No dumage.	No damage.	Part loss, \$230,000.	Total loss.	Part loss.	. Totul loss.	No damage.	Slight damage.	Part loss.
Lives lost.	•		:		:	:	:	•	•	•	•
Particulars of Casualty. Name of Master.	Collided with Advance.	Damaged by fire	Stranded	Stranded	Stranded	Burnt	StrandedC. C. E. Coons.	Stranded Fred. Malette.	Stranded	Stranded	Collided with Primrose, B. W. Bongard.
Place where Casualty happened.	Lachine, canal	:	Half mile Wof Port Colborne.	Welland canal.	Lark reef, Mouth of Saguenay river.	Toronto	Whale Back shoal Stranded	Lako Ontario	Lake St. Francis	Soo River, near pointe aux Pins.	Toronto harbour
Port sailed from.	730-94 Eric, Pa. Montreal.	934-54 Port Arthur	Chicontimi	Port Miller.	540 Little Saguenay		730-91 Erie, Pa. Montreal.	584 Kingston Fairhaven.	,070-27 MontrealFort William.		603 Ningara Toronto.
Regis- ter Ton- nage.	730-94	93.1-54	986-63	•	540	65	730.01	584	1,070-27	:	603
How rigged. Iron or wood. Steam or sail.	Wood	Nood	Nood	Steam	Wood	Steam	Wood	Barge	Mood	Steam	Iron
Registered Port.	Montreal	Port Arthur.	Montreal	St. John, N.B	Brockville	Toronto	Montreal	Montreal	Montreal		Hamilton
Age of Ship.	23	UC.	19	50	83	Ξ	13	56	61	:	18
Name of Ship. Official No.	Simla.	St. Ignace	Senator Derby-	112351 Seionda	Samuel Marshall 107426	Skye Pilot. 116542	Simla.	Thrush.	Toyland.	Tionista	Turbinia
Date of Casualty.		30		CT	Œ.	7.	CD.	9	22	20	13
( set.)	Aug.	Ing.	Aux.	Aug.	Y. pt.	Yept.	Oct.	May	July	July	.Aug.

SESSIONAL PAPER No. 21

Slight damage,	Slight damage.	. Part loss.	Part loss.	. Part loss.	Part loss, \$500.	Slight damage.	Part loss.	Part loss, \$500.	. Part loss, \$700.
:		:	:		:	:		:	:
Collided with gate of Lock No. 4.	Collided with	Alph. Lepine. Stranded F. T. Eber,	Welland & Cornwall Collided with walls canals,	A. B. Fletcher. Stranded H. Larose.	Collided with bank of ennal.	J. W. Doyle, Collided with Notingham. N. Campbell,	Collided with IF, Grant Morden.	Stranded	Stranded
Lachine canal	Lake St. Louis	2 miles N.E. of Cape Vincent.	Welland & Cornwall canals.	Plum island, St. Lawrence river.	Near Lock No. 5 Soulanges canal.	Lat. 46° 58' N. Long. 85° 21' W., Lake Superior.	25 miles W. N. W of Whitefish,	Alexandria Bay reef Stranded St Lawrence H. Laros	One mile W. of Iroquois point, St. Lawrence
183.32 Rigand Montreal.	89.15 Montreal	880 Erie, Pa	1,630 Lorrain, Ohio	1,086 79 Erie, Pa	1,276 Montreal	6,086 Port Arthur	Milwankee Two Harbours.	, 086.79 Montreal	934 Ashtabula
183	88		<u>.,</u>	1,086	1,	9		1,086	
Mood	Mood	Wood	Sehr	Wood	Wood	Steel Steel Steam	Steel	Wood	Wood Steam
Moatreal	Montreal	Buffalo	Buffalo	Montreal	Montreal	Port Arthur	Oswego	Montreal	Port Huron, Mich
14	31	58	16	561	26	Фì	14	50	27
25 Victoria	1 Virginia	25 Veroniea	May 15 William Castle Rhodes.	17 W. B. Morley	17 Windsor	27 W. Grant Morden. 134015	27 Nottingham	6 W. B. Morley	23. Wyoming
25.			15	17	17	27		9	
May	June	Aug.	May	June	June	July	July	Aug.	Aug.

### APPENDIX No. 9.

#### ANNUAL REPORT OF THE MASTERS AND SEAMEN BRANCH

To the Deputy Minister of Marine and Fisheries, Ottawa.

Sir,—I have the honour to submit the 1916-17 annual report of this branch.

GOVERNMENT NAVIGATION SCHOOLS AND MARINE LECTURE COURSES.

During the twelve months ended March 31, 1917, navigation schools, were in operation for longer or shorter periods at St. John, N.B., Halifax, N.S., Charlottetown, P.E.I., Quebec, Que., and at Kingston, Ont.; and marine lectures were delivered at Yarmouth and North Sydney, N.S., Collingwood, Ont., and at Vancouver, B.C.

At St. John, Capt. Rufus C. Cole, instructor, the school was open every day except Sundays and holidays; average attendance, two; maximum attendance, seven.

At Halifax, Capt. John Simmons, instructor, the school was open every day except Sundays and holidays; average attendance, eight; maximum attendance, thirty-three.

At Charlottetown, Capt. James Lumsden, instructor. The school at Charlottetown was new this year. It opened on the 18th December, 1916, and closed on the 30th April, 1917. The results at the Charlottetown school were somewhat disappointing, the attendance not being as regular as was hoped for.

At Quebec, Capt. Napoleon Lachance, instructor, the school was in operation ninety-seven days; average attendance, fourteen; maximum attendance, thirty-two.

At Kingston, Capt. W. Steeves, instructor, the school was in operation twelve weeks and eighteen pupils were in attendance.

At Yarmouth, Capt. John E. Murphy, lecturer, twenty-nine lectures were delivered; average attendance, two; maximum attendance, five.

At North Sydney, Capt. Jas. Sutherland, lecturer; thirty-one lectures were delivered; average attendance, five; maximum attendance, ten.

At Collingwood, Capt. Geo. C. Coles, lecturer, twenty-six lectures were delivered; average attendance, eight; maximum attendance, twelve.

At Vancouver, Capt. Chas. Eddie, lecturer; twenty-six lectures were delivered; average attendance, twenty-two; maximum attendance, forty-eight.

The total expenditure on account of navigation schools during the above period was \$4,461.92.

#### MASTERS AND MATES.

### Eastern Division.

At Halifax, N.S., Capt. F. N. Malcolm, examiner; one hundred and twenty-four candidates were examined: four for master, thirteen for mate, and twenty-five for second mate, sea-going; and thirty-six for master, and forty-six for mate, coasting. Three candidates failed: one for mate and one for second mate, sea-going; and one for mate, coasting. Six persons underwent the sight tests.

At Yarmouth, N.S., Capt. J. E. Murphy, examiner, nineteen candidates were examined: four for master, two for mate, and four for second mate, sea-going; five for master, and three for mate, coasting; and one for a master's temporary certificate. One candidate failed for mate, coasting.

At North Sydney, N.S., Capt. Jas. Sutherland, examiner, four candidates were examined: one for master and three for mate, coasting.

At St. John, N.B., Capt. W. R. Bennett, examiner, twenty-one candidates were examined: one for master and one for second mate, sea-going; seven for master and six for mate, coasting; and four for master and two for mate, minor waters. Four candidates failed: one for mate, coasting; and two for master, and one for mate, minor waters. Seven persons underwent the sight tests.

At Charlottetown, P.E.I., Capt. Alex. Cameron, examiner, ten candidates were examined: four for master and five for mate, coasting; and one for master, minor

waters. Seven persons underwent the sight tests.

At Quebec, Qne., Capt. P. L. Lachanee, examiner, seventy-four candidates were examined; one for second mate, sea-going; twenty-two for mate, coasting; six for master and ten for mate, inland waters; twenty-two for master and six for mate, minor waters; and seven for master's temporary certificates. Thirteen candidates failed: four for mate, coasting; two for master and three for mate, inland waters; and three for master and one for mate, minor waters. Twenty-five persons underwent the sight tests, one failed.

#### Western Division.

At Vancouver, B.C., Capt. Chas. Eddie, examiner, fifty-six candidates were examined: one for master, two for mate and one for second mate, sea-going; twenty-six for master and eighteen for mate, coasting; one for mate, inland waters; three for master and two for mate, minor waters; and two for master's temporary certificates. Three candidates failed: two for mate, sea-going; and one for master, coasting. Seven persons underwent the sight tests, one failed.

At Victoria, B.C., Capt. J. D. Macpherson, examiner, thirty-nine candidates were examined: four for master and nine for second mate, sea-going; eleven for master and ten for mate, coasting; four for master, minor waters, and one for a master's

temporary certificate. One person underwent the sight tests.

At Prince Rupert, B.C., Capt. A. M. Davies, examiner, twelve candidates were examined: eleven for master and one for mate, coasting. One candidate failed for master, coasting.

At Edmonton, Alta., Capt. A. D. Grant, examiner, three candidates were examined: one for master and one for mate, minor waters; and one for a master's temporary certificate.

#### Inland Waters Division.

At Toronto, Ont., Capt. H. W. King. examiner, ninety-two candidates were examined: four for master and eight for mate, coasting; twenty-one for master and nineteen for mate, inland waters; fourteen for master, minor waters; and twenty-six for master's temporary certificates. Eight candidates failed: one for master, coasting; three for master and three for mate, inland waters; and one for master, minor waters. Eight persons underwent the sight tests, two failed.

At Collingwood, Ont., Capt. Geo. C. Coles, examiner, sixteen candidates were examined: three for master and two for mate, coasting; four for master and five for mate, inland waters; one for mate, minor waters; and one for a master's temporary

certificate. One candidate failed for mate, inland waters.

At Kenora, Ont., Capt. Geo. P. Phillips, examiner, four candidates were examined for master's temporary certificates.

At West Selkirk, Man., Capt. M. Thordarson, examiner, three candidates were examined for master, minor waters.

#### CERTIFICATES ISSUED.

During the year the following numbers and grades of certificates have been issued to masters and mates: fourteen masters', fourteen mates' and forty second mates' sea-going certificates of competency; one hundred and four masters' and one hundred and seventeen mates' coasting certificates of competency; twenty-six masters' and twenty-eight mates' inland waters certificates of competency; forty-six masters' and ten mates' minor waters certificates of competency; and forty-three masters' temporary certificates. A complete list of masters' and mates' certificates issued during the year follows:

#### RECEIPTS AND EXPENDITURE.

The total amount collected in the way of examination fees for certificates during the twelve months ended March 31, 1917, was \$4,556.43, and the amount expended on account of this service was \$14,087.87, an excess of expenditure over receipts of \$9,531.44. This expenditure of \$14,087.87 includes \$1,232.58 for printing new Seamen's Continuous Discharge Books.

The following statement shows the total receipts and expenditures on account of masters and mates during the last ten years:—

									Expenditure.	Receipts.
For the	fiscal year	ended	March	31,	1908.		 		\$ 11,508 31	\$ 4,306 05
4.6	44	44	44		1909.				8,244 56	4,192 50
6.0	44	4.0	4.6		1910.				6,662 52	4,314 50
4.8	44	44	4.6		1911.				5,801 62	4,446 61
4.4	44	4.4	4.6		1912.				7,226 54	3,970 00
4.4	4.6	+ 8	6.6		1913.				9,992 66	3,639 06
8.6	44	+ 4	6.6		1914.				13,273 11	5,558 75
+ 4	44	0.6	0.0		1915.				12,723 17	4,561 00
6.6	44	6.6	8.6		1916.				13,828 13	4.857 73
6.6	**	+ 4	84		1917.				14,087 87	4,556 43
	Expenditur	e					 		\$103,318 49	\$44,402 63
	Receipts					4 4	 		44,402 63	
Excess	of expendit	ure ove	er recei	pts.			 	, ,	\$58,945 86	

#### PILOTAGE.

The Minister of Marine and Fisheries is the pilotage authority in the pilotage districts of Montreal and Quebec, and all matters of pilotage in those districts are controlled by the minister through a general superintendent at Quebec.

In the pilotage district of Montreal there are fifty pilots and fifteen apprentices, and in the pilotage district of Quebec there are sixty-two pilots and twenty-four apprentices. Pilots in these two districts receive all their earnings, less 5 per cent in the Montreal district and 7 per cent in the Quebec district, which is paid into their respective Decayed Pilots' Funds. The total gross earnings of the Montreal pilots for the twelve months ended December 31, 1916, amounted to \$101,102.62, and the total gross earnings of the Quebec pilots during the same period amounted to \$123,827.16. All expenses of these services are paid out of public funds, and during the twelve months ended March 31, 1917, amounted to \$41,435.78.

Retired pilots of the Montreal and Quebec districts are regularly paid a yearly pension of \$300 each out of their respective Decayed Pilots' Funds, and certain retired pilots of the Quebec district are paid in addition a yearly Government pension of \$300, the e Government pensions for the twelve months ended March 31, 1917, almounting to \$8,700.

Extracts from the annual (1916) returns of the general superintendent form an appendix to this report.

Of the thirty-nine other pilotage authorities constituted under the authority of the Governor in Council in pursuance of the provisions of the Canada Shipping Act, twenty-two have sent in returns for 1916, extracts from which also form an appendix to this report.

I have the honour to be, sir,

Your obedient servant,

B. F. BURNETT,

Officer in Charge,

Masters and Seamen Branch.

8 GEORGE V, A. 1918

List of Sea-going Certificates of Competency issued to Masters, Mates and Second Mates, during the twelve months ended March 31, 1917.

No. of Certi- ficate.			Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1916.				-		\$ ets.
4140	April 4		William Edward Lock-	Master	Hantsport, N.S	Halifax, N.S	15 00
4141	" 8		hart. John Hughes		Yarmouth, N.S	Yarmouth, N.S	8 00
4142	" 17		John Cogswell MacKen-		Halifax, N.S	Halifax, N.S	8 00
4143	" 19		zie. Robert James Morgan	fore—aft. 2nd Mate S S only.	Yarmouth, N.S	Yarmouth, N.S	8 00
4144	· 22		Foster Bullerwell .	Master	Brooklyn, N.Y., U.S.	Yarmouth, N.S	15 00
4145 4146	" 26 " 26		lames Freeman Smeltzer Hugh Carter.	Mate 2nd Mate	Mnhone Bay, N.S Halifax, N.S	Halifax, N.S	8 00 8 00
4147	" 26			Mate	England.	44	8 00 8 00
4149	ω()		Frederick William Hayes	S/S only.	England	44	8 00
4149			Walter Cubbon	S S only. 2nd Mate.	Halifax, N.S		s 00
4150	4 26		Francis Annis Brannen	S/S only. Master	Clark Harbour, N.S	46	15 00
4101	-0		1 fam is sume Diamen	S S and fore and aft.	111116 441611777441 141111111		1,, 00
4152	" 26		Ralph Peary Fuller	2nd Mate. S S only.	Burlington, N.S	41	8 00
4153	June 12		John Forsyth	2nd Mate S S only.	Halifax, N.S	41	S 00
4154	" 23		Thomas Frank Balkwill		England .	4.9	8 00
4155	" 28		Henry Norman Casse	2nd Mate. S S only.	**	**	8 00
4156 4157	July 19		Cecil Lefroy Turbett Lezin Leo. Mallett.	2nd Mate. 2nd Mate.	Ircland Yarmouth, N.S	Victoria, B.C. Yarmouth, N.S.	S 00 S 00
4158	Yug. 4		Donald K. MacDermaid	S, S only.	Glasgow	Halifax, N.S.	S 00
4159	" 11		Dwight W. McLellan	S S only. Master	Yarmouth, N.S.	Yarmouth, N.S.	15 00
		·		fore and			
4160 4161	" 16 " 24		John E. P. Hocken. Robert Findlay	Mate 2nd Mate	Worcestershire, Ling., New York, U.S.A.	Halifax, N.S Yarmouth, N.S	8 00 8 00
4162	Sept. 5		Geoffrey B. Atkinson .	S S only. 2nd Mate.	Leytonstone, Eng	Victoria, B.C	5 00
4163	" 5		Philip John Robinson	S S only. 2nd Mate.	Dublin	1.	S 00
4161	" 5		Leonard Buchanna	S S only. 2nd Mate	Vancouver, B.C.	44	S 00
1165 4166			Frederick Charles Weeks John Algot Henrikson	2nd Mate	San Francisco, U.S.A. Truro, N.S.	Vancouver, B.C., Halifax, N.S.,	15 00 8 00
				S S and fore and aft.			
1167 1168	" 12 " 18		Maurice Wesley Geldert. Joseph Hugh Walker	Master, 2nd Mate	New Orleans, U.S.A. Halifax, N.S.	Yarmouth, N.S.,   Halifav, N.S.,	S 00
				S and fore and aft.			
1169 1170	" 18		Hubert John T. Holland Charles C. Sargennt.	Mate 2nd Mate	46	41	S 00 S 00
1170	" 26		Charles E. C. Brodrick	2nd Mate	Vancouver, B.C	Victoria, B.C	S 00
4172	" 26		John Patrick Perry	Mate	Halifax, N.S.	Halifax, N.S	8 00
1173	" 26		Charles Max Cochrane	Mate	Hantsport, N.S Halifax, N.S	Yarmouth, N.S Halifax, N.S.	8 00
1171	Oct 10		Caltee Phillip Bourgeois  Jo-ph Lelmond de Vill-		Lotbiniere, P.Q	Quebec, P.Q	S 00
11111			FER	S Sonly.			
1176	" 11			Muster 2nd Mate	Lunenburg, N.S	Yarmouth, N.S.	15 00   S 00
1177 1178	" 11 " 11		Andrew Duff   Oswald Lawson	2nd Mate 2nd Mate	Lingland	Halifax, N.S.	8 00
1177	- 11						

List of Sea-going Certificates of Competency issued to Masters, Mates and Second
Mates, during the twelve months ended March 31, 1917—Concluded.

No. of Certi- ficate.	Certi	ate of ficate.	Name.			Where	
	10			Grade.	Address.	Examination was Passed.	Fee.
	19	16.					\$ ets.
4179 4180 4181 4182	Oct. Nov.	30	Leslie Armitage	Mate 2nd Mate 2nd Mate	Halifax, N.S Yarmouth, N.S Halifax, N.S Liverpool, England	Yarmouth, N.S Halifax, N.S	8 00 8 00 8 00 8 00
4183	66	15	William Leslic P. Cox	S/S only. 2nd Mate	Redland, Bristol	66	8 00
4184 4185	66		ThomasNormanHavard Huntley O. Giffin	S/S only. Master Mate S/S and fore	Newport, South Wales Halifax, N.S	Halifax, N.S	15 00 8 00
4186	66	30	Robert Hiram Hayward	S/S and fore	West Dublin, N.S		8 00
4187	Dec.	2	John Henry Aspinall	and aft. 2nd Mate	Capilano, P.O	Vancouver, B.C	8 00
4188	66	7	Otty Harold Brown	S/S only. 2nd Mate	St. John, N.B	St. John, N.B	8 00
4189 4190	66	12 16	Rupert Roscoe Robert McDonald Bark- house.	S/S and fore	Brentwood, Essex, Eng Halifax, N.S	Victoria, B.C Halifax, N.S	15 00 8 00
4191	46	28	Robert H. C. Crawford.	and aft. 2nd Mate S/S only.	Nassau, N.P.,Bahama Isl'd.	Victoria, B.C	8 00
	19	17.					
4192	Jan.	4	Vernon Hirtle	Master S/S and fore and aft.	Halifax, N.S	Halifax, N.S	15 00
4193	44	23	Robert Irvin Swans-	2nd Mate			8 00
4194	"	26	burg. Frederick S. Halliday		Alert Bay, B.C	Victoria, B.C	8 00
4195	Feb.	17	Eugene Fortin	S S only. Mate S S only.	L'Islet, P.Q	Halifax, N.S	8 00
4196	Marc	h 9	Kenneth Carstairs Arnell	Master S/S only.	London, England	St. John, N.B	15 00
4197 4198	66		James Timothy Gooding William Murray Wilson.		Halifax, N.S Glasgow, Scotland	Halifax, N.S	8 00 8 00
4199	66	22	John Henry Elliott	2nd Mate S/S only.	Bristol, England	46	8 00
4200	66	22	Perry Robert Parks	2nd Mate Fore and aft only,	Parks Creek, N.S		8 00
4201	44	22	Lehman Yorke Wentzel.	2nd Mate S/S and fore and aft.	Riverport, N.S	*4	8 00
1202	64	22	Arthur John D. Berring-	2nd Mate	Cornwall, Eng.	46	8 00
4203	16	22	frank Montem Smith	S/S only.	Somerset, Eng		8 00
4204	6.6	22	Louis Dicks	S/S only. 2nd Mate S/S and fore	Halifax, N.S	1.6	8 00
4205		24	DennisWoolliseroftSlade		Cheshire, England	Victoria, B.C	15 00
4206 4207	66	29 31	Harold George Kennaird Thomas C. M. Cotton		Gravesend, Kent, Eng Halifax, N.S	Halifax, N.S	15 00 8 00

# 8 GEORGE V, A. 1918

List of Certificates of Competency issued to Masters and Mates of Coasting and Inland Waters vessels during the twelve months ended March 31, 1917.—Continued.

No. of Certi- ficate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1916.					\$ ets.
8078 8079 8080 8081 8082 8083 8084 8085 8087 8088 8089 8090 8091 8092 8093	" 3." " 3." " 3." " 4." " 4." " 4." " 4." " 4 " 4 " 5	William Brian William A Blackwell William Henry Burgess. William Henry Burgess. William II. Montgomery William John Moles Charles Fullerton Joseph E. Langlois Wm. Crummey Moores. Henry Stephens George W. McLean Abram Porter Earle Edward Denton Fred Israel Wilson Ludger Fournier Joseph Magloiro Caron	Mate	Ioronto, Ont Muskoka, Ont Quebec, P.Q Halifax, N.S  Shelburne, N.S Halifax, N.S Westport, N.S Barrington, N.S Montmagny, P.Q St.Jean, Port Joli, P.Q.	Teronto, Ont Vancouver, B.C Collingwood, Ont. Toronto, Ont Quebec, P.Q Halifax, N.S " " Yarmouth, N.S	15 00 6 00 6 00 6 00 6 00 6 00 15 00 15 00 6 00
8094 8095 8096 8097	" 5 " 6	John Milton Chapman John Milton Chapman Joseph Bruno Daigle William John Sigsworth	Mate	Ste. Emilie, P.Q Cardigan, P.E.I	Halifax, N.S Quebec, P.Q Charlottetown	15 00 15 00 6 00 15 00
8098 8099 8100 8101 8102 8103 8104	" 8 " 8 " 8 " 8 " 8	Henry Goodlellow Otty Harold Brown Alexander Carson Fraser Alexander Carson Fraser John Robert Renouf John Robert Renouf David Brenton	Mate Master Mate Master	Chatham, N.B. St. John, N.B Rexton, N.B St. Georges, N.F.L Channel, N.F.L	P.E.I. St. John, N.B Halifax, N.S " " North Sydney,	15 00 6 00 15 00 6 00 15 00 6 00 6 00
8105 8106 8107 8108 8109 8110 8111 8112 8113	" 11 " 11 " 13 " 13 " 14 " 14 " 14	Henry Prevost Moise Guerin Joseph Horace Duchesne Edem Tellier Joseph Eugene Letellier. Harold E. Baxter. Thompson Campbell Albert James Hogue	Master Mate, Master Master Mate Mate Mate Mate	Metlnkatla, B.C Laprairie, P.Q St. Irenee, P.Q Three Rivers, P.Q Grondines, P.Q Kingston, Ont Sarnia, Ont Owen Sound, Ont	N.S. Prince Rupert, BC Montreal, P.Q Quebec, P.Q.  " Toronto, Ont Collingwood, Ont. (Interim certifiente for which	15 00 6 00 15 00 15 00 6 00 6 00
8114 8115 8116	" 17. " 17. " 17.	Cornelius Dineen JohnCogswellMacKenz'e Frank Peter Gallant		Coilingwood, Ont Halifax, N.S Leoville, Lot 1, P.E.I.		15 00 6 00
8117 8118 8119 8120	" 17 " 17 " 17.	Robert Alex, Cassidy, Joseph Pamphile Moreau Edmund George Staley, Osman Vivian V. Per-	Mate	Chatham, N.B L'Islet, P.Q Kingston, Ont	P.E.I. Quebec, P.Q. Kingston, Ont	15 00 6 00 6 00 15 00
8121 8122 8123 8124 8125 8126 8127 8128 8129	" 17 " 18 " 22 " 22 " 26 " 26 " 26	cival. Jereminh Leonard Hurle John Williams Joseph A. H. Lachance Joseph Gabriel H.Fortin Joseph A. E. Mallette. James Albert Bowes James Freeman Smeltzer Hugh Carter William Henry Batt	Mate	Vancouver, B.C St. John, P.Q. Cap St. Ignace, P.Q Rigaud, P.Q Dartmouth, N.S Mahone Bay, N.S Halifax, N.S.	Vancouver, B.C.,	6 00 6 00 6 00 15 00 6 00 15 00 6 00 15 00
8130	" 27	Hans Mikkelsen Uldall	Master	B.C	Vancouver, B.C	15 00
8131 8132	" 27 " 27	George Alfred Haines .' Angus Melver.		Cornwall, Ont Prince Rupert, B.C.	Ottawa, Ont. Prince Rupert, BC.	15 00 15 00

List of Certificates of Competency issued to Masters and Mates of Coasting and Inland Waters vessels during the twelve months ended March 31, 1917.—Continued.

No. of Certificate.			Name.	Grade.	Address.	Where Examination was Passed.	Fec.
	1915.						\$ ets.
8133 8134 8135 8136 8137	" 27		Allen Walter Lewis	Mate	1 77 1 370	TY 310 37 0	15 00 6 00 15 00 15 00 6 00
8138 8139	" 27 " 27		Robert Jno. Semheisser. Frederick E. Williams	Master Mate	Middle Lahave, N.S Shore Road Dart-	66	15 00 6 00
8140 8141 8142 8143 8144 8145	May I 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		Hubert Pettipas Joseph Noel A. Goulet Alfred Nelson Martin R. Maher BurnellWoodworth Lyon Clarence T. Johnson Edward Seymour Gage. Edward Seymour Gage. Thomas York Robert Thresher	Mate. Master. Master. Master. Master. Master.	Halifax, N.S Sorel, P.Q Whonnock, B.C Porth Arthur, Ont Vancouver, B.C	Quebee, P.Q Victoria, B.C West Selkirk, Man. Vancouver, B.C	6 00 15 00 15 00 15 00 15 00 15 00
8146 8147 8148	" 5 " 5		Edward Seymour Gage. Edward Seymour Gage. Thomas York	Master Mate Master	Rockland, Ont	Ottawa, Ont	15 00 6 00 1 15 00
8149 8150 8151 8152	" 15 " 15		Clarence I Pandargast	Master	Commell Ont		15 00 15 00 6 00
8153 8154 8155	" 19		Arthur F. Thompson Ronald Hicks William Spooner. Thomas Edward Kird John A. Mac Donald	Mate Mate	Summerside, P.E.I. Charlottetowa, P.E.I.	Halifax, N.S NorthSydney, NS Charlottetown,	15 00 6 00 6 00
8156 8157 8158	" 19		Eugene Arthur deVillers Joseph Pierre Dufour Joseph A. Caron	Mate Master	Lotbiniere, P.Q Montrenl, P.Q	P.E.I. Quebec, P.Q	6 00 15 00 6 00
8159 8160 8161	" 20		Stephen Warren Shears Les!ie T. Merriam Thomas James Mountain	Masier	Halifax, N.S Port Grevitle, N.S	Halifax, N.S St. John, N.B Charlottetown, P.E.I.	6 00 15 00 6 00
8162 8163			William Brazier Spragg. Harry Benjamin Bruhm			St. John, N.B Charlettetown, P.E.I.	15 00 15 00
8164 8165 8166 8167 8168	" 26 " 27 " 30 " 30 June 6		Ralph Peary Fuller Joseph Roderick Burrell Duncan Leask Harry McIndoo John Parsons Shears Gordon Young James C. E. Archibald Lohn Muir	3.6	1311 1 1 14	Halifax, N.S	6 00 15 00 6 00 15 00 15 00
8169 8170 8171 8172 8173	" 6 " 6		John Muir	Mate	Victoria P.C.	Viotorio P.C	6 00 6 00 15 00 6 00 6 00
8174 8175 8176 8177 8178	" 2I " 21 " 23		Joseph EdmondMailhiot Thomas Robert McLay. William Mann Tyson Arthur Ernest South Joseph Arthur R. La-	Mate Master Mate Mate	Nanaimo, B.C	Victoria, B.C	6 00 15 00 6 00 6 00 6 00
8179 8180 8181	" 27 " 27 " 28		chance. Thorvald R. Anderson Archie E. McFadden Reuben Findley	Master Mate Mate	Orleans, P.Q. Restigouche, P.Q. Johnsons Mills, N.B Dartmouth, N.S	St. John, N.B Halifax, N.S	15 00 6 00 6 00
8182 8183 8184 8185	July 5 " 5 " 13		Lorne Dauphinee Enoch Westerlund EdwardCrawfordSwank Ralph Mogg	Master Mate Master	Prince Rupert, B.C Vancouver, B.C Port Arthur, Ont	Prince Rupert, BC Vancouver, B.C West Selkirk, Man	6 00 15 00 6 00 15 00
8186 8187 8188 8189	" 17		Joseph J. Deslauriers William Albert Little John Nelson Card John McKernan	Master Mate	Margaretsville, N.S Yarmouth, N.S Collingwood, Vancou-	Quebec, P.Q St. John, N.B Yarmouth, N.S Prince Rupert, B.C	6 00 15 00 6 00 15 00
8190	" 17		William Parsons	Master	ver, B.C. Prince Rupert, B.C.	86	15 00

# 8 GEORGE V, A. 1918

List of Certificates of Competency issued to Masters and Mates of Coasting and Inland Waters vessels during the twelve months ended March 31, 1917.—Continued.

No. of			() 1		Where	12
Certi- ficate.	of Certificate.	Name.	Grade.	Address.	Examination was Passed.	Fee.
	1916.					\$ cts.
8191	July 17		Master	Halifax, N.S.	Halifay, N.S	15 00 15 00
8192 8193 8194	" 19 " 24 " 24	William Schade George Henry Carpenter John Lowery.,	Master Mate Mate	Victoria, B.C Halifax, N.S. Montague, P.E.I	Victoria, B.C Halifax, N.S. Charlottetown, P.E.J.	6 00
8195 8196 8197	Aug. 3 5	Bernard Young Alfred Bradford Carl Elias Knudsen	Mate	Halifax, N.8 Nanaimo, B.C. Louisburg, C.B	Halifax, N.S Victoria, B.C North Sydney,	6 00 15 00 6 00
8198 8199 8200	5 5 5	Noah Hanson Urquhart Richard James Gilbert James A. D. Anthony	Master	St. John, N.B Halifax, N.S.	N.S. St. John, N.B Halifax, N.S	15 00 15 00 15 00
8201 8202	" 5 " 5	Samuel Wright George William H. Six- smith.	Master	Port Arthur, Ont Toronto, Ont	Terento, Ont.	15 00 15 00
8203 8204 8205	" 9 " 15 " 15	John Pineau Leo Burton Horne , Julius Adolf Larsen ,	Mate Master Mate .	Halifax, N.S Dartmouth, N.S North Vancouver, B.	Halifax, N.S Victoria, B.C	6 00 15 00 6 00
8206	" 15	James A. Morrison.	Muster	C. Prince Rupert, B.C.	Prince Rupert,	15 00
8207 8208	" 15 " 19	William John Owen Ernst Emil Moller.	Master. Master.	Albion, B.C Orean Falls, B.C.	B.C. Vancouver, B.C Prince Rupert, B.C.	15 00 15 00
\$209 \$210	" 24 Sept. 5	Edgar Wallace Rankin Joseph Bourgeois.	Mate Master.	Montreal, P.Q Arrowhead, B.C.	Montreal, P. Q., Arrowhead, B.C.	6 00
8211 8212	4 6 4 6	John Algot Henrickson.	Mate Mate	Truro, N.S Halifax, N.S	Halifax, N.S.	6 00
8213 8214	" 12 " 18	Lezin Leo Mallett Walter Valentine Gibson	Master.	Varmouth, N.S North Vancouver, B.C.	Yarmouth, N.S., Vancouver, B.C.,	15 00 6 00
8215 8216	" 26 " 26	Habert Pettipas William Kennedy	Master. Master.	Halifax, N.S New Westminster, B.C.	Halifax, N.S Victoria, B.C	15 00 15 00
8217 8218	" 26 " 26	Charles Corbet Sargean) Celestin Leboenf	Mate Master.	Halifax, N.S Valleyfield, P.Q	Halifax, N.S Montreal, P.Q	6 00
8219	" 26	Rupert Taylor	Mate	St. John, N.B	St. John N.B.	- 6-00
8220 8221	Oct. 2	Frank Mechan Anthon E. Christiansen	Master. Master.	Vancouver, B.C.	Vancouver, B.C	15 00 15 00
8222 8223 8224	" 10 " 10 " 10	Seymour Zinck Ralph Mortimer Johnson Robert Irwin Swansburg		Chester, N.S Bush Hill, Barbados, Halifax, N.S.	Yarmouth, N.S., St. John, N.B. Halifax, N.S	15 00 6 00 15 00
8225 8226		Oswald Lawson Andrew Duff	Mate Mate	Middlesbrough, Eng Silloth, Eng	66	6 00
8227 8228	" 13 " 13	William Watson Mounce William Watson Mounce		Vancouver, B.C	Victoria, B.C	15 0t
8229 8230	" 23 " 22	Murray Allan Gerrard Byren V Bongard	Master. Mate	Picton, Ont	Vancouver, B.C., Interim Certifi- cate for which no fee is charged	
\$231 \$232	" 23 " 21	Alexander Brown Frederick Leon Clarke.	Mate Master	Collingwood, Ont Vancouver, B.C	Vancouver, B.C.,	15 00
8233 8234	" 26 " 27	Lalward Samuel Hall Joseph Leodore Decke-	Mate	Hahfay, N.S Sorel, P Q	Halifax, N S Quebec, P.Q	6 00 15 00
4235	27	Samuel Butler	Master.	Halifax, N.S	Halifax, N.S	15 00 6 00
\$236 \$237	11 27	Samuel Butler Lloyd Maywell Atkins	Mate Master.	44	**	15.00
5235 5239	" 30 " 30	Dennis Morrissey Lea Latrick Pelrine	Master. Mate	Parrisboro, N.S. Halifax, N.S.		15 00   6 00
8340 8241	Nov. 3	Harol I Ford Marten Hansen	Mate Master.	Prince Rupert, B.C	Prince Rupert.	6 00 15 00
					B.C.	6.00
8242	" 11	do eph Victor G. L. Koenig	Mate	Quebec, P.Q	Quebec, P.Q	, ,

List of Certificates of Competency issued to Masters and Mates of Coasting and Inland Waters vessels during the twelve months ended March 31, 1917.—Continued.

No. of Certi- ficate.		Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1916.					\$ ets.
8243 8244 8245	[ " 18	Lewis Royal Morton Scott Darrell Guptill Svend Bertel E. P. Svendsen.	Mate	Grand Harbour, N.B. Prince Rupert, B.C	Edmonton, Alta St. John, N.B Prince Rupert, B.C.	15 00 6 00 6 00
8246 8247 8248 8249	_ " 28	Henry Francis McGuirk Olaf Swanson. Charles Anderson. Louis Howard Burmister Ulysse Joseph D'Entre-	Master Mate Master	Halifax, N.S	Vaneouver, B.C Collingwood, Ont. Yarmouth, N.S	15 00 15 00 6 00 15 00 15 00
8250 8251 8252 8253	" 9	mont. Charles Roland Teed Ernest George Alcock Charles Tikkas	Master Mate		St. John, N.B Vietoria, B.C Prince Rupert,	15 00 6 00 15 00
8254 8255	" 16 " 19	William Ralph Chandler Thomas Hembrough		Halifax, N.S New Westminster,	B.C. Halifax, N.S Vancouver, B.C	6 00 15 00
8256 8257 8258	" 19 " 19	Thomas Campbell Thomas Campbell Edmund James Parsons.	Mate Master	B.C. Vancouver, B.C Victoria, B.C,	Victoria, B.C	15 00 6 00 15 00
8259 8260 8261	" 20	Edmund James Parsons. George Edwin Fraser Edward C. Keeling	Mate	Bent River, Ont North Vancouver, B.C.	Collingwood, Ont. Vancouver, B.C	6 00 6 00 15 00
8262 8263	" 27 " 28	Nelson William Miner Thomas Robert McLay.	Master Master	Parry Sound, Ont	Toronto, Ont Vietoria, B.C	15 00 15 00
	1917.					
8264 8265 8266 8267 8268	Jan. 3 3 3 4 3 4	Norman Howard Pentz. Norman Howard Pentz. Bernhard Slinning.	Master Master Mate Master	Ste. Anne, P.Q Lower Dublin, N.S.	Quebec, P.Q  Halifax, N.S  Victoria, B.C	
8269 8270 8271 8272 8273	" 4	Ernest Vezina Frederick R. Merriam Robert Bruce Angus Robert Bruce Angus William Curtis Jordan	Master Master Mate.	Port Greville, N.S Toronto, Ont	Quebee, P.Q Halifax, N.S Toronto, Ont Collingwood, Ont	15 00 15 00 15 00 6 00 15 00
8274 8275 8276 8277	" 13 " 13 " 13	Arthur Neyle Edwards. Arthur Neyle Edwards. William Marwick	Master Mate Master	Vancouver, B.C Goderich, Ont	Vancouver, B.C	15 00 6 00 15 00 6 00
8278 8279 8280 8281	" 16 " 16 " 23 " 23.	Harris Horatio Brannen James Sinclair John Leisk Malcolmson William Whitworth William Whitworth	Mate Master	Ladner, B.C.	Vancouver, B.C	6 00 6 00 15 00 6 00
8282 8283 8284	" 23. " 23.	William Whitworth Charles Ephraim Larkin Joseph Anselme Houde Harry James Carter	Mate	Ste. Emilie, P.Q.,	Prince Rupert,B.C Quebec,, P.Q Toronto Ont	15 00 6 00
8285 8286 8287 8288	" 23 " 23 " 23	Harry James Carter.  Robert Asahel Wright  Charles Alex. Moore.  James Mark Preston	Master Master Master	Sarnia, Ont	". Collingwood, Oat.	6 00 15 00 15 00
8289 8290 8291 8292	" 26 " 26	George Anthony Mackay Gerald Roc. James Alexander Bunn. Albert Henery Black-	Mate Master Mate	St. Catharines, Ont Naramata, B.C Bognor, Ont Toronto, Ont	Toronto, Ont Vietoria, B.C. Collingwood, Ont Toronto, Ont	6 00 15 00 6 00 6 00
8293 8294 8295	" 30 " 30 " 31	well. NicholasVincentMcCabe NicholasVincentMcCabe Charles Robert Drancy.	Mate	14	Vancouver, B.C	15 00 6 00 15 00
8296 8297	" 31 " 31	Charles Robert Draney. Wm. Ulrich Dauphinee. Elliott Lazier Fullerton.	Master	Vancouver, B.C	"	15 00 15 00

List of Certificates of Competency issued to Masters and Mates of Coasting and Inland Waters vessels during the twelve months ended March 31, 1917.—Continued.

			1	1	1	2	
No. of Certi- ficate.		ate of ficate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	19	17.					\$ ets.
8298	Jan.	31.	Thomas Cooper	Master	New Westminster.BC.	Victoria, B.C.	15 00
8299 8300	66	31 31	Mnleolm Mackinnon Archibald John Mc- Donald.	Mate Master	New Westminster, BC. Vancouver, B.C Toronto, Ont	Toronto, Ont	15 00 6 00
8301	Feb.	6_	Norman Noel	Master	North Sydney, N.S	North Sydney, N.	15 00
8302	66	5	Joseph Albain Nungeau.	Master	Sorel, F.Q.	N.S. Quebec, P.Q	15 00
8303	66	6	Alexander Smith	Mate	Dartmouth, N.S	Halifax, N.S	6 00
8304		6	John Alexander Leth- bridge.	Mate	Midland, Ont	Collingwood, Ont.	6 00
8305	- 44	6	Howard Reid		Oliphant, Ont		6 00
8306	44		Joseph Ernest Bouliane.		Hull, P.Q	Quebec, P.Q	15 00 15 00
\$307 \$308	46	7 7	Rosario Mondor Joseph Alphonse Lepine.		Lanoraie, P.Q Ste. Anne de Bellevue, P.Q.	64	15 00
8309	46	7	Henry Bruce McCormac	Mate		Yarmouth, N.S	6 00
8310 8311	66	7	Univa Joseph Beaudoin.	Mate	Midland, Ont	Various B.C.	6 00
8312	46	7	James Samuel Menchions	Master	"Allebuver, D.C	" " " " " " " " " " " " " " " " " " "	15 00
8313	- 66	9 .	Henry Bruce McCormac Oliva Joseph Beaudoin. Harry Huggins James Samuel Menchions Herman Archibald Mar- tin.				6 00
8314 8315	61	14 .	Louis Dugre	Master	Montrenl, P.Q	Quebec, P.Q	15 00 15 00
8316	44	I4 I4	Roland Normandeau Louis Joseph Patenaude.	Master	Montreal, P.O	16	6 06
8317	4.6	14.	Ludger Marchand	Master	Deschnillons, P.Q Montreal, P.Q Champlain, P.Q White Horse, Y.T	44	15 00
8318	66	14	Ludger Marchand Charles Coghlan.	Mnster	White Horse, Y.T	Victoria, B.C	15 00
8319 8320	44	14 14	Thomas PatrickMurphy Charles Livingston Ross	Mastel	Kingston, Ont Portsmouth, Ont		15 00 15 00
8321	16	14 . 14	William James Mc Kanna		Kingston, Ont	44	15 00
8322	46	14	Neree Legault	Master	Ste. Anne de Bellevue, P.O.	1	15 00
8323	- 11	14 .	David Otty Lunn	Master	West Vancouver, B.C.	Vancouver, B.C.	15 00
8324 8325	66	17 17		Master	L'Islet, P.Q	Halifax, N.S Toronto, Ont	15 00 6 00
8326	- 66	17.	William Nelson Williams		Kingston, Ont	" "	6 00
8327	60	17.	Carl Hilmer Hermanson	Mate	Sarnia, Ont	44	6 00
8328	- 11	17.	Edward Narvey Kirby	Master	Isaac Harbour, N.S.	Halifax, N.S	15 00
8329	66	26	Arthur MessengerGower James MacLeod	Mnster	St. John, N.B	St. John, N.B Vancouver, B.C	15 00
8330 8331	4.6	26 26	James MacLeod James MacLeod Donald McKay William Gallagher	Mate	Vancouver, B.C.,	vancouver, b.C	$\begin{bmatrix} 15 & 00 \\ 6 & 00 \end{bmatrix}$
8332	4.1	26.	Donald McKay.	Master	White Horse, Y.T	"	15 00
8333	34	26		Master	Hulifax VS	Halifax, N.S	15 00
8334	44	26	William Elias Bennett	Mate	44	44	6 00
8335 8336	1 16	26 26	Berton Miller Balcom. Berton Miller Balcom.	Master Mate		46	15 00 6 00
8337	6.6	26	Ernest Griesbach	Mate	Collingwood, Ont	Collingwood, Ont.	
8335	16	26	Louis Antoine Larue	Mate .	Quebec, P.Q	Quebec, P.Q	6 00
8339	- ((	26	Francois Xavier L. La- brecque.	Mate	St. Laurent, P.Q.,	46	6 00
8340	- 11	26	Frederick John Marigold		Toronto, Ont	Toronto, Ont	15 00
8341 8342	41	26 26		Master	St. Catharines, Ont	10	15 00 15 00
8313	**	28	Edward Corcoran Joseph Louis P. Couil-	Mute	St. Thomas Mont- magny, P.Q.	Quebec, P.Q.	6 00
8344	5.6	28	lard. Bartheleiny Joseph F Houde.	Master	St. Gregoire, P.Q.	4.6	15 00
8315	- 11	25	Joseph Aime Romeo Houde.	Master	Ste. Antoine de Tilly, P.Q.	8.6	15 00
5316	64	25	Joseph Aime Romeo Houde.	Mate	St. Antoine de Tilly, P.Q. Sorel, P.Q	44	6 00
8317	44	28	Joseph Zotique Bibeau.	Master	Sorel, P.Q	41	15 00
8349 8319	11	28 28	Alma Landry. Joseph Arthur Peloquin	Mate Master	He du Pas, P.Q Ste. Anne de Sorel,	14	6 09 15 00
			bus services a constant		P.Q.		

List of Certificates of Competency issued to Masters and Mates of Coasting and Inland Waters vessels during the twelve months ended March 31, 1917.—Continued.

= =						
No. of Certi- ficate.		Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1917.					\$ cts.
8350 8351 8352	Mar. 10	Ewen Morrison	Master Mate	Charlottetown, P.E.I.	Collingwood, Ont. Charlottetown,	6 00
8353 8354 8355 8356	" 10 " 10 " 10 " 10	Joseph Kennedy Carson. John Dutton	Mate Mate Master	Collingwood, Ont Victoria, B.C Vancouver, B.C	Collingwood, Ont. Victoria, B.C Vancouver, B.C	6 00 6 00 15 00 6 00
8357 8358		Joseph Lucien Horace Leveille. Joseph Camille Biron				
8259 8360 8361	// 40	<u> </u>	3.5	P.Q.	m , o ,	15 00 15 00 15 00
8362 8363 8364 8305	" 10 " 10 " 10	Frederick Ferguson Foote George Clinton Kirk Charles William Calcutt Guy Angus Parks Wallace Clayton Lloyd James Timothy Gooding Edmund Baquet dit La- montagne.	Mate Mate Mate	Halifax, N.S Levis, P.Q	Quebec, P.Q	6 00 6 00 6 00
8366	" 14	James Roach	Master	Southport, P.E.L	Charlottetown.	15 00
8367 8368 8369 8370 8371	" 14 " 14 " 14 " 14	Perry Edward Walters Perry Edward Walters Isaac Walton Horton William Ralph Munroe Creighton Anley Haughn	Master Master Master Master	Lunenburg, N.S  Halifax, N.S  East Middle LaHave,	Halitax, N.S	6 00 15 00 15 00 6 00
8372 8373 8374 8375	" 14 " 14 " 14 Mar. 14	William Douglas Pearl Ernest Myrden Sheppard Ernest Myrden Sheppard Simeon Noel	Master Master Mate	Mahone Bay, N.S Vancouver, B.C Victoria, B.C	Vancouver, B.C	15 00 15 00 6 00 15 00
8377		_		70.0		
8378 8379 8380 8381 8382	" 14 " 14 " 14 " 22 " 22	Michael Wilfred Kenney David Cummins Ernest Bailey Robert Pamphlet Howard Percil Bayers John Gault Murray	Master Mate Master Master	Kingston, Ont	Edmonton, Alta Victoria, B.C Halifax, N.S	15 00 6 00 15 00 15 00 15 00
8383 8384 8385 8386 8387	" 22 " 22 " 22 " 22	John Gault Murray William Blake Thomas John Carson John Boyd Rintoul John Boyd Rintoul Aubrey John Haughn	Mate Master Mate Master Mate	N.S.  Toronto, Ont Midland, Ont Sault Ste. Marie, Ont.	Toronto, Ont	6 00 15 00 6 00 15 00 6 00
8388 8389		John Harold Hudson		Midland, Ont		6 00
8390 8391 8392 8393 8394 8395 8396	" 22 " 22 " 22 " 22 " 29 " 29	Perry Robert Parks Lehman Yorke Wentzel. Louis Edmoud Pouliot Louis Dicks Joseph Emile Mercier Albert Bouvier Joseph Leandre Ludger	Master Mate Mate Master Mate	N.S. Parks Creek, N.S. Riverport, N.S. Chateau Richer, P.Q. Halifax, N.S. Riviere Ouelle, P.Q. Montreal, P.Q.	Halifax, N.S	15 00
8397 8398 8399 8400 8401 8402	" 29 " 29	Blais. Rodolphe Tremblay William Gleeson William Gleeson Charles Ernest Rush Raymond Allain Hand James William Deal	Mate Master	Pointe à Pic, P.Q Vancouver, B.C	Vaacouver, B.C	6 00 15 00 6 00 6 .0 15 00 15 00

List of Certificates of Competency issued to Masters and Mates of Coasting and Inland Waters vessels during the twelve months ended March 31, 1917.—Continued.

No. of Certi- ficate.			Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1917						s ets.
8403	Mar. 3		James William Deal			Halifax, N.S.	6 00
2404	3	1	Frederick Richard Jan- cowski.	Master	Nanaimo, B.C	Vancouver, B.C	15 00
8405	" 3	1	Ernest James Shannon	Mate	Collingwood, Ont	Collingwood, Ont.	6.00
8406	" 3	1	Arthur Arrow	Mate.		Vicotria, B.C	6 00
\$407	3	1	James Alexander Cuth- bert.	Mate	Lake Port, Ont.	Toronto, Ont	6 00
8408	* 3	1	Peter Francis McCarthy	Mate.	Toronto, Ont	16	6.00

List of Masters' Temporary Certificates issued during the twelve months ended March 31, 1917.

142	April 25	1211: 12 1 211	Marker	Ash built the	F 1	F 00
		Ellis Edmon Smalley.	Master	D. L. L. D. O.	Edmonton, Alb .	5 00
143	20	Simon Cimon	Master	Roberval, P.Q		5 00
144	49.	George Finan	Master	Braeside, Ont		5 00
145	May 3	Charles McLeod	Master	Cumberland, Ont		5 00
146	16 4	George Finan Charles McLeod John Albert Cook	Master	Grenville, P.Q		5 00
147	" 5	Thomas Edgar Drolet.	Master	Midland, Ont	Toronto, Ont	5 00
148	" 10 .	Thomas Edgar Drolet. Albert Franklin Stanton	Master	Port Stanton, Ont	Collingwood, Ont.	5 00
149	" 26	James Jackson	Master.	Indian White Horse, Y.T.		5 00
150	June 8	William Martin.	Waster.	Fort Francis, Ont	Kenora Ont	5.00
151	" 12	Alfred Brown	Master	Clark Harbor X S	Vermonth X S	5 00
152	iã	Prosper Asselin.	Master	Clark Harbor, N.S Calumet Island, P.Q.	Ottown Ont	5 00
153	" 21	John Stanley .	Master	Banff, Alta.	Ottava, Ont	5.00
154	( 99		Vostor	Arrowhead, B.C		5 00
155	11 22			Moon Falls, Ont		5 00
156	14 22		Master	around Thus, Ont	ruity count, Oite.	5 00
157	4 22		Master	11	44	5 00
158		levent Descharge	Master		T Ont	5 00
159	" 27	loseph Deschenes William Powles	Master	Arnprior, Ont	Toronto, Ont	5 00
	July 2	William Fowles	Master	Glenora, Ont	7	
160	July 5	Stephen Leighton Van- Dusen.		Trenton, Ont	Toronto, Ont.	5 00
161	" 19	Ole Dahl	Master	Banff, Alta	Kenora, Ont	5 00
162	11 28		Master	Pointe Fortune, P.Q		5 00
163	Aug. 14	George Madigan	Master	Parry Sonud, Ont	Toronto, Ont.	5 00
164	" 11	Augure Duchene.	Master	St. Irenee, P.Q		5 00
165	14 18	Albert Allen Jesmer.	Master	Cornwall, Ont		5 00
166		Francis Thomas Dodds.		Kenora, Ont		5 00
167	" 21	François Xavier Mailly		St. Pierre des Becquets, P.Q.	Quebec, P.Q	5 00
165	Sept. 6	William James Johnston	Mustor	Vernon, B.C.	Vernon, B.C	5 00
169	6	Jacob Myers Collins.			Victoria, B.C	5 00
170	1)	Andre Chretien			Ottawa, Ont	5 00
171	" 26	Andre Joseph A. La-		Masson, P.O	Quebec, P.Q	5 00
	~1)	flamme.				
172	Oct. 13	Ro ario Lazzaro	Master.		Toronto, Ont.	5 00
173			Master.	Penetang, Ont		5.00
174	Dec. 18	Jean J. Crete	Master	Grandes Piles, P.Q.		5 00
175	" 15		Master.	**		5 (0)
176	4 29	Leonard Augustine Hay-	Master.	Kelowna, B.C	Vancouver, B.C.,	5 00
	1917.	man.				
177	Jan. 13	Samuel Germain	Master.	Montreal, P.Q	Montreal, P.Q	5 00
175	dan. 15		Master.	Carcross, Yukon	aronnear, 1 az	5 00
179		Ar-ene Macsicotte		St. Jean Deschullons,	Onolyna P ()	5 00
			Master.	P.Q.	Quenec, 1.Q	
150	44 %		Master	Grandes Piles, P.Q.		5 00
151	14 11	Alfred Bouchard	Master	Mistassini, P.Q	Montreal, P.Q	5 00
152	Warch 7	Meanndre Charron	Master		Ottawn, Ont	5 00
153	" 22	William James Gallagher	Master.		Toronto, Ont	5 (0)
184	" 28	George William Brownlee	Master	Rainy River, Ont		5 ()()

#### APPENDIX.

# EXTRACTS FROM THE ANNUAL RETURNS OF PILOTAGE AUTHORITIES FOR THE CALENDAR YEAR 1916.

## PILOTAGE DISTRICT OF MONTREAL.

(The Minister of Marine and Fisheries is the Pilotage Authority.)

Pilots.	Date of Appointment.	Age.	Net Earnings
L. Z. Bouille Laurent Gauthier Delavoie Nault Wilbrod Gauthier Norbert Areand Tancrede Bouille Wilfrid Raymond J. P. Hurteau	Dec. 10, 1879 Dec. 19, 1879 Dec. 10, 1879 Dec. 10, 1880 Dec. 11, 1880	67 66 63 64 64 63	\$ 1,778 2,192 1,479 2,252 1,260 1,776
Wilfrid Raymond J. P. Hurteau Edouard Perreault Honore Dussault Arthur Briere Alexis Perreault Come Dufresne	April 20, 1888 Mar. 20, 1889 Mar. 20, 1889 July 16, 1889 April 28, 1891 April 28, 1891 June 28, 1891	62 55 66 63 60 53 56	2,186 1,768 1,127 1,271 2,809 2,642 2,132
Wilfrid Raymond J. P. Hurteau Edouard Perreault Honore Dussault Arthur Briere Alexis Perreault Come Dufresne Aubert Naud Nap. Dussault Prudent Bellisle Georges Arcand Constant Toupin Georges Perreault Narcisse Bouille Joseph Leveille Severe Perron Alberic Angers Arthur Belisle G. T. Hamelin Anthyme Perreault Jos. N. Raymond J. Henri Bourassa E. A. Paquin J. M. Labranche Damien Paquet J. Arthur Gariepy Albert Gagnon J. Oswald Frenette C. B. Hamelin. Tanc, Perron Lalexis Perreault La Delaywood Frenette	July 11, 1893 April 3, 1894 April 3, 1894 April 3, 1894 April 3, 1894 April 3, 1894 Sept. 11, 1894	63 55 53 51 50 51	1,582 2,231 1,767 1,950 1,635 1,928
Narcisse Bouille Joseph Leveille Severe Perron Alberic Angers Arthur Belisle G. T. Hamelin Anthyme Perregult	Oct. 9, 1894 June 18, 1895 April 14, 1896 Mar. 15, 1898 Sept. 20, 1898 Sept. 20, 1898 May 1 1900	56 52 58 42 53 41 48	1,065 2,264 1,803 2,310 1,748 2,024 2,408
Jos. N. Raymond J. Henri Bourassa E. A. Paquin J. M. Labranche Damien Paquet J. Arthur Gariepy	Oct. 4, 1900 Arpil 16, 1901 June 23, 1902 June 23, 1902 Feb. 4, 1903 April 20, 1903	46 38 42 42 42 37	2,279 2,552 1,925 2,128 1,916 2,051
Fortunate Hamelin	April 20, 1997	38	1,980 1,754 1,955 2,314 2,287 2,168
J. B. Angers  D. J. Perreault  Napoleon Lechance  Henri Bouille	Aug. 1, 1909	36 36 36 42 32 33	2,391 2,060 1,690 2,243 2,041 2,577
Fond Dussaut.  J. Arthur Areand  F. X. Rivard  Joseph A. Mayrand  Jules Briere	May 2, 1910 Aug. 2, 1910 April 10, 1911 Sept. 16, 1913 Nov. 4, 1914 Dec. 7, 1915	34 33 36 34 30 30	1,039 1,686 1,850 2,108 2,271 2,193
		- 0	\$ 98,873

\$308.75 paid by vessels which did not take a pilot was turned over to the Pension Fund. The 5 per cent for the Pension Fund is not deducted from the receipts for movages.

#### PILOTAGE DISTRICT OF MONTREAL-Continued.

Apprentice Pilots.	Date of Appointment.	Age.
0 Edmond de Villers	Dec. 30, 1903 Dec. 30, 1903 Dec. 30, 1903 Dec. 30, 1903 Dec. 30, 1903 Dec. 30, 1903 Dec. 30, 1903 Nov. 1, 1907 May 15, 1907 Mar 31, 1908 May 6, 1908 Sept. 17, 1908 May 10, 1909 Oct. 14, 1909	31 30 32 31 31 31 30 30 27 30 25 25 24 26 20 23
Ships Piloted.		Numbe
British vessels American vessels Norwegian vessels. Danish vessels. Italian vessels Belgian vessels. French vessels.		1,7
Vicaraguan vessels		1.9

Total registered tonnage of these vessels......

4,919,991

#### DECAYED PILOTS PENSION FUND.

Five per cent is deducted from the pilot's earnings in the Montreal District for the Montreal Decayed Pilots' Pension Fund. This Fund is administered by the Dominion Government and disbursed by the Department of Finance.

## PILOTAGE DISTRICT OF MONTREAL—Continued.

#### PENSIONERS FOR THE CALENDAR YEAR, 1916.

			Received per annum.
- 1	Widow	Alexis Gauthier	\$ 131 67
2	44	Octave J. Hamelin	. 149 43
3	44	David Mathieu	. 131 67
4	66	Edouard Naud	
5	44	Jean Nault	
6	4.6	Elzear Bellisle	 149 43
7	66	Zephirin Bouille	
- 8	**	Cyrille Bellisle	
9	46	Joseph Pleau	
10	66	Nestor Arcand	
11	"	Alfred Frenette	
12	66	C. Lyderic Bouille	
13	44	G. Joseph Dussault	
14	44	Celestin Brunet	
15	46	L. A. Bouille	
16	"	Joseph Chandonnet	
17	"	Onesime Naud	
18	"	Georges Dufresne	
19	"	Louis Mayrand	
20		Alfred St. Amant	
21	Retired	Pilot Jean Arcand  " Philippe Belanger	
22 23		" Liboire Perreault.	
24		" Gedeon Groleau	
25		" Nere Bellisle	
26		" Narcisse Perreault	
27		" Ulric Groleau.	
28		" Prudent Beaudet	
29		" S. C. Auger	
30		" Ferdinand Labranche	
31		" Alfred St. Amant	
01		AAAAAAA SAAFAAAAAAAAAAAAAAAAAAAAAAAAAAA	 20 00

No. 31—Retired Pilot Alfred St. Amant died on the 17th November, 1915, pension \$300 per annum ceased on the 31st January, 1916. Then pension at the rate of \$149.32 per annum continued payable to his widow.

#### PILOTAGE RATES.

PILOTAGE KATES.
From the harbour of Quebec to Portneuf and the opposite side of the river St. Lawrence, or below Portneuf, and above the harbour of Quebec:—  For the pilotage of any vessel in tow or propelled by steam (except as hereinafter mentioned), for each foot of draught of water:—  Upwards
For the pilotage of any inland or coasting vessel propelled by steam, for each foot of draught
of water:— Upwards\$0 62½ Downwards62½
For the pilotage of any sea-going vessel propelled by steam, for each foot of draught of water :-
Upwards
For the pilotage of any vessel under sail, for each foot of draught of water:-
Upwards
From the harbour of Quebec to Three Rivers and the opposite side of the river St. Lawrence or any place above Portneuf and below Three Rivers:—
For the pilotage of any vessel in tow, or propelled by steam (except as hereinafter mentioned), for each foot of draught of water:—
Upwards.       \$1 50         Downwards.       1 50
For the pilotage of any inland or coasting vessel propelled by steam, for each foot of draught of water:-
Upwards \$1 75
Downwards

# PILOTAGE DISTRICT OF MONTREAL-Concluded.

For the pilotage of any sea-going vessel propelled by steam, for each foot of draught of water:-
Upwards       \$2 10         Downwards       2 10
For the pilotage of any vessel under sail, for each foot of draught of water:-
Upwards
From the harbour of Quebee to Sorel and the opposite side of the river St. Lawrence, or any place above Three Rivers and below Sorel:—
For the pilotage of any vessel in tow, or propelled by steam (except as hereinafter mentioned), for each foot of draught of water:—
Upwards.       \$1 50         Downwards.       1 50
For the pilotage of any inland or coasting vessel propelled by steam, for each foot of draught of water:-
Upwards
For the pilotage of any sea-going vessel propelled by steam, for each foot of draught of water:  Unwards
Upwards
For the pilotage of any vessel under sail, for each foot of draught of water:—
Upwards
From the harbour of Quebee to the harbour of Montreal, or to any place above Sorel, and below the harbour of Montreal:—
For the pilotage of any vessel in tow, or propelled by steam (except as hereinafter mentioned), for each foot of draught of water:—
Upwards
For the pilotage of any inland or coasting vessel propelled by steam, for each foot of draught of water:-
Upwards\$2 50 Downwards
For the pilotage of any sea-going vessel propelled by steam, for each foot of draught of water:
Upwards
For the pilotage of any vessel under sail, for each foot of draught of water:
Upwards
From the harbour of Montreal to Sorel or to any place above Sorel, and from Sorel or any place above Sorel to the harbour of Montreal:—
For the pilotage of any inland or coasting vessel propelled by steam, for each foot of draught of water:-
Upwards\$1 00 Down wards
For the plotage of any sea-going vessel propelled by steam, for each foot of deau ht of water Upwards
Downwords
MINIMUM TARIF.
For the pilotage of any vessel subject to pilotage between the harbour of Montreal and the harbour of Quebec and vice versa, a minimum fee shall be charged of \$20 00
For the removal of any versel from one wharf to another within the limits of the harbour, or from any of the wharves into the Lachine canal, or out of the said canal to any wharves in the harbour, for each such service

## PILOTAGE DISTRICT OF QUEBEC.

# (The Minister of Marine and Fisheries is the Pilotage Authority.)

(The Minister of Marine and Fisheries is th	e i notage in	athority.	<i>)</i>
Pilots.	Date of Appointment.	Age.	Net Earnings.
Pilots.  1 Isiode Noel, resigned June 2, 1916. 2 Narcisse Lavoie		Age.  666 688 644 664 666 668 663 664 661 577 61 600 588 656 569 63 588 61 555 566 560 558 61 555 59 666 559 67 53 51 500 555 48 47 445 436 335 337 336 338 42 337 326 338 42 339 339 339 339 339 339 340 340 340	
62 Louis G. Lavoie	July 10, 1916	24	1,466 05 \$ 114,588 56
			1

#### PILOTAGE DISTRICT OF QUEBEC .- Continued.

Gross pilotage dues collected	\$ · · · · · · · · · · · · · · · · · · ·	123,827 16
Amount paid to pension fund		9,238 60
Net carnings		114,588 56

\$613.44 paid by vessels which did not take a pilot was turned over to the pension fund.
\$6,408 was paid to special service pilots by the shipping companies as travelling expenses between Quebec and Father point.

Apprentice Pilots.	Date of Appointment.		Age
3 II. Lachance 4 G. Gaudreau 5 C. Couillard 6 L. Lachance 7 W. Pouliot 9 R. Lachance 0 E. Baquet 1 L. Labrecque 2 E. Langlois 3 R. Gaudreau 4 E. Koenig 5 J. E. Bouffard 6 L. A. La Rue 7 Ed. Pouliot 8 L. P. Couillard 9 J. H. L. R. Cloutier 0 J. A. A. Belanger 1 J. R. H. Brochu 2 M. J. E. Gourdeau 3 J. F. X. E. Pouliot	April 26, April 26, April 26, April 26, May 10, May 20, May 1, May 1,	1910 1910 1910 1911 1911 1911 1911 1911	23 26 24 23 24 23 22 27 22 23 24 27 23 23 29 17 19 16 16 17

Ships Plloted.	Number.
British steamers	1,575
British sailing vessels	3
American steamers	112
American sailing vessels	5
Norwegian steamera	57
Norwegian sailing vessels	2
Danish atenmers	30
French steamers	11
Italian steamers	29
Nicaraguan steamers	3
Uruguayan steamers	2
Belgian steamers	1
Swedish steamers	1
Russian steamers	Ŧ
	1,832
Total registered tonnage of these vessels	4,883,812

## Decayed Ptlots' Pension Fund.

Seven per cent is deducted from the pilot's earnings in the Quebec district for the "Quebec Decayed Pilots'" pension fund. This fund is managed and disbursed by the Quebec Pilots' Corporation.

Pensioners for the calendar year, 1916, paid out of the Quebec Pilots' Pensions Fund. Thirty-one Pilots at \$300—

Raymond Baquet	\$ 300 00
Arhel Bernier	300 00
Theophile Corrivenu.	300 00
J. Emile Coullingd	300 00
Ls. Treffle Delisle, pension from September 5, 1915	345 64
Ls. Robert Demers	300 00

PILOTAGE DISTRICT OF QUEBEC Continued.	
PILOTAGE DISTRICT OF QUEBEC.—Continued.  Thirty-one Pilots at \$300—Concluded. Elzear Desrosiers.  David Dumas, pension from April 1, 1916.  Joseph G. Dupil.  Alfred Gaudreau, pension from April 1, 1916. Elzear Godbout.  Paul Gobeil.  Barthelemi Lachance.  Nestor Lachance.  Théodule Lachance.  Alfred Larochelle.  Edmond Larochelle.  Joseph Lapointe.  Ls. Edmond Morin.  Charles Normand.  Pierre Pepin Lachance, died March 23, 1916.  Isiods Noel, pension from July 3, 1916.  Joseph Plante.  Adelme Poullot.	\$ 300 00 175 00 300 00 175 00 300 00
Alphonse Pouliot	300 00 300 00 300 00 61 94 300 00 300 00
Victor Vezina	\$8,473 18
One Pilot at \$270— Alphonse Asselin	\$270 00
Seven Pilots at \$216— Cyrille Audet. Chs. Fr. Brown, died April 21, 1916. Joseph S. Brown. Nazaire Delisis. Laurent Godbout. Moise Lachance, died June 23, 1916. George Normand.	\$ 216 00 102 60 216 00 216 00 216 00 139 40 216 00
Burnet schola Williams of Adda	\$1,322 00
Widow J. Evariste Adam.  " J. Bte. Bernler.  " Chs. Frs. Brown, pension from April 21, 1916.  " Ephrem Chamberland.  " J. Bte. Coulllard.  " Achille Damours.  " David Damours.  " Jereme Dufresne.  " Joseph Fortier.  " Antoine Gobeil.  " Pierre Gobell.  " Moise Godbout, married May 9, 1916.  " Hermenegilde Guenard.  " Moise Lachance, pension from June 24, 1916.  " Pierre Pepin Lachance, pension from March 24, 1916.  " F. X. Lamarre.  " Antoine Lapointe.  " Paul Langlois.  " Edmond Larochelle, pension from September 10, 1916.  " Onesime Larochelle.  " J. E. Bona Lavole.  " Regis Menard.  " Joseph Paquet.  " J. Ste. Poullot.  " Joseph Poullot.  " Joseph Poullot.  " Joseph Poullot.  " Charles A. Raymond.  " Ls. Albert Royer, pension from January 16, 1916.	\$116 00 116 00 60 58 116 00 116 00 116 00 116 00 116 00 116 00 116 00 116 00 40 65 52 116 00 116 00

# PILOTAGE DISTRICT OF QUEBEC.—Continued.

Com in Wildows of 2110	
Seven Widows at \$112—  Wldow Ant. Th. Chouinard  "Nazaire Curodeau.  "Jean Delisle.  "Theophile Gourdeau.  "Emile Lachance.	\$112 00 112 00 112 00 112 00 112 00
" J. Bte. Patoine	112 00 112 00 \$781 00
	\$151.00
Five Widows at \$110— Widow Eustache Doiron.  " Georges Despres.  " Nicolas Fortin.  " Paul Paquet.  " Adelard Santerre.	\$110 00 110 00 110 00 110 00 110 00
	\$550 00
Three Widows at \$106—  Widow Leon Labrecque	\$106 00 106 00 106 00 \$315 00
Four Widows at \$100—  Widow Alfred Dion.  " Joseph Dion.  " Dennis Glynn, died April 7, 1916.  " Pierre Ross, died February 29, 1916.	\$100 00 100 00 43 54 32 92
	\$276 46
Four Widows at \$96	
Widow Ovide Lachance, died Mar h 17, 1916  " Joseph Levesque " D. Ferdinand Pelletier " Benjanda Pinault	\$ 36 27 96 00 96 00 96 00
	\$321 27
One Widow at \$70-	
Widow Cyrille Lapointe	\$70.00
One Wid w at \$65 Willow Napoleon Dallaire	\$65.00
One Widow it \$64-	
Widow Alfred Turgeon	\$64 (0
Nine Children at \$30	
Damase Babin	\$ 30 00
Pierre Des ombes.  Isaac Fo bes, ded Novemb r 18, 191	30 00 31 53
Jean Gobell	30 00
Joseph Langlois François No 1	30 00
Joseph Plante.	
J Rite Talbot	30 00
J 18te Tritot	

#### PILOTAGE DISTRICT OF QUEBEC .-- Continued.

## QUEBEC PILOTS DRAWING A GOVERNMENT PENSION OF \$300 PER ANNUM.

Ls. R. Demers		30
Theodule Lachance		300
Ls. R. Demers Theodule Lachance Charles Brown, died 21st April, 1916		7.
occi Euponice	 	300
Nestor Lachauce	 	300
Paul Gobeil		30
Barlhelemi Lachauce		30
Alphouse Asselin		30
Chas. Normand		30
Napoleon Rioux		30
Elzear Desrosiers		30
Hubert Raymond		30
Arhel Bernier		30
Laurent Godbout		30
Adelme Pouliot	 	30
Edmond Larochelle	 	30
L. E. Morin	 	30
		30
Jos. Plante		30
Victor Vezina		30
J. G. Dupil	 	30
Raymond Baquet	 	30
Alfred Larochelle		30
Elzear Godbout		30
Theophile Corriveau		30
Alphouse Pouliot		30
Emilio Couillard		30
Treffle Delisle		30
Pierre Pepin, died 23rd March, 1916		7
Pierre Pepin, died 23rd March, 1916 David Dumas, pension from 1st April, 1916		22
Alfred Gaudreau, pension from 1st April, 1916		22

# TABLE I.—RATE OF PILOTAGE FOR THE HARBOUR OF QUEBEC AND BELOW FOR EACH FOOT OF DRAUGHT WATER.

From	То	From May 1, to Nov. 10	From Nov. 10, to Nov. 10.	From Nov. 19, to Mar. I.	From Mar. 1, to May 1.
Father Point Quebec. Father Point Chicoutimi Quebec. Tadoussac. Tadoussac Chicoutimi Father Point or any place below the an- chorage of Brandy Pots off Hare island. The anchorage ground at the Brandy Pots off Hare island or a n y place above the said auchorage ground and below St. Roch's point.	Father Point. Chicoutini. Father Point. Tadoussac. Quebcc. Chicoutimi. Tadoussac. Auchorage or mooring ground in the Basin of harbour of Quebec. ""	3 40 " 3 87 " 3 40 " 3 40 " 3 40 " 3 3 40 " 3 53.87) 2 58) 3 67 3 40 (2 27) 3 87 per ft.	4 95 per It.	\$6 02 per ft. 5 54 " 6 02 " 5 54 " 6 02 " 5 54 " 6 02 " 7 5 54 (4 02) 3 of 6 02 (4 02) 4 02 per ft. 7 of 6 02 (4 02)	4 41 per ft.

#### PILOTAGE DISTRICT OF QUEBEC-Concluded.

# TABLE I.—RATES OF PILOTAGE FOR THE HARBOUR OF QUEBEC AND BELOW FOR EACH FOOT OF DRAUGHT WATER.

From	То	From May 1, to Nov. 10.	From Nov. 10, to Nov. 10.	From Nov. 19, to Mar. 1.	From Mar. I, to May 1.
St. Roch's Pt.or any place above this point and below the Pointe-aux-Pins or Crane island	in the basin or harbour of		} of 4.95 (1.65)	i of 6.02 (2.01)	} ol 4 41 (1.47)
Pointe-aux-Pinsor Crane island or any place below St. Patrick's hole.	11 14 44	l of 3.87 (0.97)	tol 4 95 (1.24)	l of 6.02 (1.50)	lol4 41 (1.10)
The anchorage or mooring ground in the basin or harbour of Quebec.			4 46	5 54	3.93

#### TABLE II.-RATES OF PILOTAGE FOR THE HARBOUR OF QUEBEC AND BELOW.

From	То
Any wharf in the harbour of Quebec between points à Carey, below, and the west end of the Allan's wharf above, both	-
Any place in the harbour of Quebee not being a wharf within the above mentioned limits	Any other wharf within said limits \$2.50
AUOVO INCINCIONE CAMINAS	wharf within the said limits

N.B.—Pilots taking charge of vessels at St. Patrick's bole or above it, shall be entitled to no more than the sum-allowed in Table II for piloting vessels from one part of the harbour to another.

The payment of pilotage dues is compulsory in the Pilotage District of Quebee, P.Q.

P. L. LACHANCE,
Acting Superintendent of Pilots.

# PILOTAGE DISTRICT OF VANCOUVER, B.C.

Pilot Commissioners.					Date of Appointment.
C. G. Major Frank Burnett. Capt. F. W. Evans H. G. Ross. Capt. Harvey Copp C. Gardner Johnson (Apptd. Secty-Treas.).					April 15, 1879 June 20, 1898 Feb. 12, 1912 Feb. 12, 1912 Feb. 26, 1915 June 20, 1898
Pilots.	Date o		Age.	Earnings.	Amount paid to each.
2 H. Robson Jones       Jul         3 G. W. Robarts.       Oc         4 R. A. Batchelor.       Mr         5 A. C. Anderson.       Oc         6 A. Christensen.       Fe         7 B. L. Johnson.       Ja	t. 1, y 15, t. 16, b. 1,	1892 1907 1910 1911 1912 1913	74 61 44 45 48 42 38 48 48	\$ cts.  \[ \begin{cases} 47,812.88 \\ 47,812.88 \end{cases} \]	\$ cts.  4,384 36 2,430 26 4,384 36 4,384 33 3,675 85 3,376 60 2,506 86 800 08
Pilot Boats.					Cost of Maintenance.
Pilot No. 1 (Gas)					\$5,339 22
Vessels which paid pilotage dues.		Nui	mber.	Tonnage.	Amount paid.
British steam vessels British sailing vessels Foreign steam vessels Foreign sailing vessels.			242 23 689 26	1,010,560 46,944 1,116,607 20,370	\$ cts 18,938 41 1,221 44 27,092 33 560 71 47,812 88

#### PILOTAGE DISTRICT OF VANCOUVER, B. C .- Concluded.

#### RECEIPTS AND EXPENDITURE.

	Receipts.	Expendi- ture.
	\$ cts.	\$ ets.
Balance in bank, Jan. 1st, 1916 Pilotage earnings, 1916. Paid pilots, Jan. 5th, 19t6. Paid pilots year, 19t6 Peretary's salary Rent of offices. Telegrams, sundries, etc. Special allowance for travelling expenses to Secretary on pilotage work Pilot Boat and Station expenses account, 1916 Pilots' expenses, 1916 Balance in bank	2.386 31 47.812 88	2,386 31 30,717 03 900 00 360 00 290 90 100 00 5,339 22 6,975 36 3,130 37
	50,199-19	50, 199-19

#### Pilotage Rates.

For vessels entering into a clearing from the ports of Vancouver, Howe Sound and Powell River the rates of pilotage shall be as follows:—

(a) For vessels under sail \$2.00 per foot draught of water and one cent per net registered ton.

(b) For vessels in tow of a steamer, \$1.00 per foot draught of water and one cent

per net registered ton.

(c) For steamers, \$1.00 per foot draught of water, and one cent per net registered ton, and \$1.00 (one dollar) per foot draught from the Vancouver Pilotage limits to the Powell River Pilotage limits (provided that vessels calling at English Bay, bound for Howe Sound or Powell River shall not be liable for inward pilotage for port of Vancouver.

Any portion of a foot not exceeding six inches shall be paid for as half a foot; any fraction exceeding six inches shall be paid for as one foot.

The Pilotage from cape Flattery or Royal roads to a line drawn from point Atkinson to the nun buoy on Spanish bank, or the limits of Howe sound as hereinbefore described, and vice versa, is not compulsory, but if the services of a pilot are required he shall be paid the following rates, viz:—

		Per Foot.
From	Cape Flattery	\$6 00
**	Callum bay	5 0.0
11	Beachy head	1.00
6+	Race rocks or Royal roads	3 00

And for vessels under steam or in tow of a steamer the following rates shall be paid:—

		Per Foot.
From	Cape Flattery	\$3 08
4.4	Callum bay	2.50
4.6	Reachy hend	2 00
6.6	Race rocks or Royal roads vessels under steam	1 00
4.6	Race rocks or Royal roads vessels in tow of a steamer	1.50

The payment of pilotage dues is compulsory in the Pilotage District of Vancouver, B.C.

C. GARDNER JOHNSON.

Secretary.

# PILOTAGE DISTRICT OF VICTORIA AND ESQUIMALT, B.C.

Pilot Commissioners.					Date of Appointment.
Geo. A. Kirk H. G. Wilson W. J. Stephens J. R. Saunders Geo. A. Okell J. Kingham (Apptd. Secty-Treas.)					Oct. 8, 191;
Pilots.	Date o		Age.	Earnings.	Amount paid to Pilots.
				\$ cts.	\$ ets.
John Newhy William Cox Charles Israel Harris William H. Whiteley	1891 1903 1910 1911		68 61 49 54	17,838 72	10,133 75
				17,838 72	10,133 75
Vessels which paid pilotage dues.		Nun	ıber.	Tonnage.	Amount paid.
•					\$ ets
British steam vessels		3	162 5 329 12	753,327 8,123 862,624 10,185	6,388 84 338 27 10,750 12 361 49
•			508	1,634,259	17,838 72
Pilot Boats.					Cost of Maintenance.
Colby No. 1 (as per pilots' monthly log for upkeep of pilots' olby No. 2.	s' plant)				\$ ets 4,155 16

## PILOTAGE DISTRICT OF VICTORIA AND ESQUIMALT, B.C.-Continued.

#### RECEIPTS AND EXPENDITURE.

		Receipts.	Expendi- ture.
		\$ ets.	\$ cts.
Pilotage fees Surplus, 1915 Licenses		17,838 72 918 52 500 00	
Pilots' drawings, 1916 Vie. Patriotic Aid Soc Pilots' drawings, surplus, 1915 Upkeep pilots' boats, etc Secretary's salary Rent Printing Exchange Miscellaneous expenses Uacollectable, Union Oil Barge No. 8 Balance		19,257 24	10,133 75 1,962 20 918 52 4,155 16 600 00 420 00 33 25 8 80 71 41 8 25 945 90

#### Pilotage Rates.

(a) Vessels bound to other ports and coming to an anchor in Royal roads, the pilotage shall be free, except the services of a pilot are employed, when pilotage according to the following graduated scale shall be payable:

From inside or north of Race rocks to Royal bay or vice versa, 50 per cent of the prescribed rates under Clause (b).

From Beachy head to Royal roads or vice versa, \$1 per foot.

"Pillar point to Royal roads or vice versa, \$3 per foot.

"Cape Flattery to Royal roads or vice versa, \$6 per foot.

(b) For vessels entering into or clearing from the ports of Victoria and Esquimalt, the rates of pilotage shall be as follows:

(1) For regular ocean steamers, 50 cents per foot draught of water and 3 cent per net regl tered ton up to a maximum of 3,500 tons on the inward voyage subject to a dissount of 20 per cent, and 5) per cent of the above rates on the outward

(a) Reg lar ocean steamers are those which have in their printed schedule Victoria or Esquimilt as a regular port of call, and call both inwards and

outwards.

(b) Any re-ular vessel calling inwards and not outwards, or vice versa, will not be entitled to the 20 per cent discount.

(2) For irregular ocean steamers, \$1 per foot draught of water and \$ cent per net

reg stered ten.

(3) For r gular steamers in the coasting trade between San Francisco and Lynn canal includive, the rate shall be the same at for regular ocean steamers, as rated in

Cause 1.

(4) For vessels under sail, \$2 per fool draught of water and 1 cent per net registered

(5) For sailing vessels in tow, \$1.50 per foot draught of water nullicent per net

reg tered ton.

(6) For the state of the prescribed rates of any class of vessel for Victoria and Esquamalt, subject to exemptions in Section 17. Clause 7; provided, however, that all coasters between San Francis a and Lynn canal inclusive when compelled by special instructions from the Dominion government to call at William's thead quartitine station, shall be exempt from pilotage dues unless the a ryices of a pilot are requested.

(7) For all ve sels of 500 tons and under, 75 cents per font draught of water.

PILOTAGE DISTRICT OF VICTORIA AND ESQUIMALT, B.C.-Concluded.

- (c) Gulf Pilotage.—For all vessels from the limits of the ports of Victoria and Esquimalt to the limits of all ports on Puget sound and gulf of Georgia and vice versa, the rate of pilotage shall be \$1.00 per foot draught of water.
- (d) Vessels proceeding from Victoria to Esquimalt, and vice versa, and having discharged or received a portion of their cargo in either harbour, and having paid full pilotage in either harbour, if proceeding with the assistance of steam shall pay \$1.00 per foot.
- (e) Any fraction of a foot not exceeding six inches shall be paid for as half a foot, and any fraction of a foot exceeding six inches shall be paid for as a foot.
- (f) Pilots shall, when called upon to do so, remove vessels from one part of either harbour to another part of the same harbour, for the specific charge of \$10.00 for each and every removal.
- (g) The Pilotage Authority, subject to the approval of the Governor in Council, shall have power under this By-law, to make such arrangements from time to time concerning the pilotage of vessels making regular trips between Victoria and Puget sound, as to them may appear necessary or expedient in the interests of trade and commerce.
- (h) Compulsory payment of pilotage dues is not chargeable against vessels while in Royal roads, unless such vessels shall enter either or both the harbours of Victoria and Esquimalt.
- (i) When a vessel is bound to or from any other port in the province, either laden or in ballast, and does not discharge or receive any cargo, passengers or mails, but simply enters it as a harbour of refuge, such vessel shall be exempt from pilotage into and out of Esquimalt, excepting in cases where a pilot is actually engaged by the master for such services.
- (j) Steamers making regular trips to Victoria and Esquimalt and having paid the prescribed rates under clause (b) on the inward voyage and returning again to either of said harbours within a period of twenty days, shall only pay one-half the inward rates.

The payment of pilotage dues is compulsory in the Pilotage District of Victoria and Esquimalt, B.C.

JOSHUA KINGHAM,

Secretary.

## PILOTAGE DISTRICT OF NANAIMO.

Pilot Commissioner	rs.			Date of Appointment.
Jas. S. Knarston. Tully Boyce Ira E. Lowe. Wm. Bennett. Jas Pender E. G. Cavalsky (apptd. Secty-Treas.)				April, 17, 1910 April 17, 1900 Mar 21, 1912 May 29, 1912 April 7, 1915 May 31, 1915
Pilots.	Date of Appointme		Earnings.	Amount paid to each.
1 J. Christensen. 2 J. E. Butler 3 W. D. Owen 4 A. F. Yntes 5 J. Gosse, 6 J. C. Foote. 7 J. W. Butler	Feb., 1891. Mar., 1894. Oct., 1898. Sept., 1900. Aug., 1903. April, 1907. Oct., 1907.	55 50 64 52 56	\$ cts. 2,877 87 2,943 90 2,668 68 3,139 77 3,311 96 3,223 42 3,422 84 21,588 44	2,512 24 2,512 24 2,512 24 2,512 24 2,512 24 2,512 24 2,512 24 2,512 24
Vessels which paid pilotage dues.		Number.	Tonnage.	Amount paid.
British steam vessels Foreign steam vessels. Barges Small tugs and seows		75 156 24	244,637 291,446 46,590 116,950	860 60
			649,623	25,962-82
Pilot bonts.				Cost of Maintenance
1 in Victorin				\$ cts. 1,005-42

# PILOTAGE DISTRICT OF NANAIMO, B.C.—Concluded. RECEIPTS AND EXPENDITURE.

<del>-</del>		Receipts.	Expendi- ture.
Pilotage dues	••••	\$ cts. 25,962 82	\$ ct
Victoria Station—			
Telephone and telegrams			266
Wages			565
Expenses to boat			540
Insurance			110
Miscellaneous			28
anaimo Station—			
Telephones and telegrams			116
Boat hire			359
Patriotic Fund			420
Miscellaneous			44
anaimo Office—			
Rent			264
Salaries			475
Janitor.			90
Telephone			42
Auditing			20
Light and heat			25
Travelling expenses			42
Stationery and stamps			23
Investigation			35
Miscellaneous			16
Commission on collections.			413
Pilots' travelling expenses			4,480
Cash paid to pilots			17,585
Cash balance on hand			0
		25,962 82	25,962
		20,902 82	20,902

#### Pilotage Rates.

The rates for all vessels entering into or clearing from any port within the Pilotage District of Nanaimo both outward and inward, shall be as follows:—

- (a) For vessels under sail, \$2 per foot draught of water and one cent per net registered ton.
- (b) For vessels in tow of a steamer, \$1 per foot draught of water, and one cent per net registered ton.
- (c) For steamers, \$1 per foot draught of water, and one cent per net registered ton.

  Any portion of a foot not exceeding six inches shall be paid for as half a foot, and any fraction exceeding six inches shall be paid for as one foot.

# Gulf of Georgia and Straits Navigation.

Vessels accepting the services of a duly licensed pilot in the straits of Juan de Fuea, Hare straits or gulf of Georgia, and bound to any ports or harbours within the jurisdiction of the Pilotage Authority of Nanaimo, shall pay for such service both inward and outward the sum of \$10 per day or fraction of a day of 24 hours, in addition to the regular port pilotage.

Any vessel arriving at any port within the Pilotage District of Nanaimo, without having been spoken inwards by a pilot shall not be exempt from paying outward pilotage, and masters of vessels requiring a pilot outwards, must make application to the Pilotage Authority or their agents who shall supply him with the first available pilot who may be disengaged.

The payment of pilotage dues is compulsory in the Pilotage District of Nanaimo, B.C.

E. G. CAVALSKY,

## PILOTAGE DISTRICT OF NEW WESTMINSTER, B.C.

Pilot Commissioners.				Date of Appointment.
Geo. S. Blakeley				Jan. 9, 1914. Jan. 9, 1914. Jan. 9, 1914.
Pilot.		ate of intment.	Age.	Amount paid per month.
Capt. L. H. Ford	Oet.	15, 1913	59	\$ 125 00
Vessels which paid pilotage dues.	Numbe	r. To	nnnge.	Amount pnid.
British steam vessels	20	1	2,577 7,555 747 10,879	\$ ets. 103 54 1,060 44 43 94 1,207 92

#### RECEIPTS AND EXPENDITURE.

	Receipts.	Expendi- ture.
Amount belonging to 1915 business but not received until Jan. 3rd, 1916 Receipts for year, 1916	\$ ets. 55 00 1,207 92	\$ ets.
City of New Westminster  Commission on outside collections at ports of Steveston, White Rock and Ladner at 10%  Pilots' expenses		1,049 78 96 49 17 50 60 00 39 15
	1,262 92	1,262 92

Note.—The receipts of the district not being sufficient to support a pilot, the city of New West minster pays the pilot's salary of \$125.00 per month. 90% of all receipts is paid to the City of New Westminster and 10% retained for pilot's and office expenses.

#### PILOTAGE DISTRICT OF NEW WESTMINSTER, B.C.-Concluded.

#### Pilotage Rates.

For vessels entering into or clearing from the port of New Westminster the rate of pilotage shall be as follows:—

From the lightship on the Fraser sand-heads to New Westminster—

- (a) For vessels under sail \$2 per foot draught of water and one cent per net registered ton.
- (b) For vessels in tow of a steamer \$1 per foot draught and one cent per net registered ton.
- (c) For steamers \$1 per foot draught of water and one cent per net registered ton. Any fraction of a foot not exceeding six inches shall be paid for as half a foot, and any fraction of a foot exceeding six inches shall be paid for as a foot.

The payment of pilotage dues is compulsory in the Pilotage District of New Westminster, B.C.

D. H. MACGORRAN,

Secretary.

#### PILOTAGE DISTRICT OF HALIFAX, N.S.

Pilot Commissioners.	Date of Appointment.
M. C. Grant. Frank Rudolph. James Hall. Capt. Neil Hall. Jas. E. DeWolfe. Peter F. Martin. Walter Mitchell. J. W. Crichton (apptd. Secy-Treas.)	June 20, 1892 Oct. 1, 1909 July 27, 1904 Nov. 24, 1908 May 16, 1907 Nov. 4, 1915 May 4, 1916 Mar. 14, 1914

Pilots.	Date of Appointment.	Age.	Amount paid to pilots.
Boat No. 1 America—  1 Frank Thomas 2 William Hayes 3 Wallace Brackett 4 John Holland 5 William Gorman 6 Charles F. Martin 7 Thomas Reyno. 8 Henry Latter. 9 William Latter 10 Cyril Hanrahan		39 41 30 34 43 49 55 47 27 28	\$ cts
Boat No. 2, Columba—  11 James G. Renner.  12 Lamont Power.  13 Lawrence Hayes.  14 Edward Renner.  15 Thomas Hayes.  16 Frank Mackey.  17 Walter White.  18 John Brown	1911 1884	31 28 37 29 56 42 26 24	25, 451 2

## PILOTAGE DISTRICT OF HALIFAX, N.S.—Continued.

		-	~===
		Age.	Amount paid to each.
19 19	1915 24 1915 25 1915 27 1915 27		\$ cts. 102 00 102 00 102 00 102 50 408 00
Number.	Ton	nnge.	Amount paid.
1,064 565 101 186	1	17,060 23,403 69,151	\$ ets. 43,045 00 3,829 30 3,566 90 3,916 60 54,357 80 560 40
			54,918 20 \$ ets.
			40,828,68 2,494,49 1,866,81 \$ 45,189,98 2,963,48 42,226,50
	Number.  1,064 565 101 186	Number. Ton  1,064 2,3 565 101 186	Appointment.   1915   24   1915   25   1915   27   1915   27   1915   27

# LIST OF PENSIONERS AND PENSIONS PAID FOR CALENDAR YEAR, 1916.

	15 1	0 100 4	0
James Fleming.	Received		2 per annum
Wm. Beazley, died Feb., 1916	4.6	83 3	3 "
James Holland	44	260 0	() ''
Mrs. C. Martin, died Nov. 27th, 1916.	4.6	116 2	5 "
Mrs. L. Bayers.	8.6	150 (	0 "
Mrs. D. Martin.	6.6	75.0	()
Catherine Gallagher	6.6	50 €	0
Mrs. II. Munro	**	75 (	0 "
Mrs. J. Holland	4.6	75 (	()
Mrs. B. Brackett		199 9	12 "
Mrs. W. White	11	249 4	iG "
John Hayes	4.6	600 (	00
James Spears	9.6	529 1	0 "
		\$ 2,963 4	19

#### PILOTAGE DISTRICT OF HALIFAX, N.S.-Concluded.

#### RECEIPTS AND EXPENDITURE.

_	F	Receipts.	Expendi- ture.
Jan. 1st, 1916, balance Pilotage fees Outward pilotage. Commission on \$9,175.00 (Transports on harbour)	1.	cts.  763 41 ,765 90 ,152 30 275 24	\$ cts.
Paid pilots. Superannuation. Expenses. Apprentices. Secretary. Balance			51,297 69 1,866 81 620 98 408 00 999 96 763 41
	55,	956 85	55,956 85

#### PILOTAGE RATES.

	Inward.	Outward.
Canadian vessels of 120 tons and under.  Vessels under 200 tons  Vessels of 200 tons to 300 tons  " 300 " 400 "  " 400 " 500 "  " 500 " 600 "	\$ cts.  Free.  9 60 13 20 16 80 19 20 21 60	\$ cts. Free. 6 00 8 40 10 80 12 00 13 20

Vessels of 600 tons and over, sixty cents for every 100 tons additional of fractional part thereof inward and thirty cents outward.

Outward pilotage for all vessels of 200 tons and upwards compulsory.

The payment of pilotage dues is compulsory in the Pilotage District of Halifax, N.S.

## J. W. CRICHTON,

Secretary. .

# PILOTAGE DISTRICT OF SYDNEY, N.S.

Pilot Commissioners.	Date of Appointment.
R. T. J. Vooght	May 13, 1912 May 13, 1912 Jan. 20, 1914 Oct. 28, 1915 May 13, 1912 Sept. 16, 1912
° Pilots.	Amount paid to cach.
1 Y. H. Barrington	\$ cts.  1.482 26 1.457 58 1.354 72 1.482 26 1.487 22 1.384 72 1.482 26 1.361 72 1.354 72 1.354 72 1.354 72 1.354 72 1.354 72 1.354 72 1.482 26 1.351 72 1.482 26 1.381 72
Apprentice Pilots.	Amount paid to each.
I Wm. D. McGillvary 2 Emmett McGrath 3 Hilliard Forward 4 D. J. McInnis 5 Bert Ling. 6 J. H. Laflin.	\$ e(s. 677 32 677 32 677 32 621 80 741 10 677 32

# PILOTAGE DISTRICT OF SYDNEY, N.S.—Continued.

White Flag ships licensed for the year.  SS. Coban Corunna Cape Breton Louisburg. Nevada Algonquin					
British steam vessels. British sailing vessels. Foreign steam vessels. Foreign sailing vessels.	7 227	1,904,827 1,557 391,723 12,131 2,310,238	\$ ets. 47,564 00 69 00 10,654 00 437 50 58,724 50		

## PENSION FUND.

	Amount paid.
Ex-Pilots Connell, Ratchford, Burke and Ling, \$50.00 each	\$ ets. 200 00 330 00 530 00

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#### PILOTAGE DISTRICT OF SYDNEY, N.S -Concluded.

#### RECEIPTS AND EXPENDITURE.

	Receipts.	Expendi- ture.
	\$ cts.	\$ c(s.
Balance from 1915 Pilotage receipts White Flag Licenses.	392 10 58,724 50 600 00	
Paid to pilots Paid to apprentices. Paid for operating expenses Paid for pensions Paid for pensions Containsioner's fees. Office rent Collectors' salaries Superintendent's salary. Ollice rent		45,703 4 4,075 1 3,344 0 1,300 0 530 0 775 0 100 0 875 0 250 0
Secretary's salary		500 0 233 0 1,228 0 702 5
	59,716 60	59,716 6

## Pension Fund Dec. 31st, 1916.

Government War Loan			S	2,000 00
Cash in Savings Bank				465 68

#### PILOTAGE RATES.

	To Sydney.	To North Sydney.
I or vessels under 100 tons  From 100 tons to 150 tons  " 150 " 200 "  " 250 " 500 "  " 300 " 350 "  " 350 " 400 "  und for every additional 50 tons or fractional part thereof \$1; for vessels 800 tons and upwards \$1 for every additional 100 tons or fractional part thereof Outward pilotage hall be the sai e as inward.	\$ cts.  6 00 7 00 8 00 9 00 10 00 11 00 12 00	\$ cts. 5 00 6 00 7 00 8 00 9 00 10 00 11 00

The payment of pilotage dues is compulsory in the Pilotage District of Sydney, N.S.

F. C. KIMBER,

Secretary.

# PILOTAGE DISTRICT OF LOUISBURG, N.S.

Pilot Commissioners.						
Thos. Townsend John Dickson. Lauchlin McQueen. James T. Kelly. E. G. Whitman. (Apptd. Secty-Treas.)					Sept. 10, 1898 Sept. 26, 1908 Oct. 8, 1915 Oct. 8, 1915 Oct. 8, 1915 Dec. 16, 1915	
Pilots.  Date of Appointment.  Age.		ge.	Earnings.	Amount paid to each.		
				\$ ets.	\$ ets.	
2 10m Wicox 3 John Power . 4 John Tutty 5 P. Mahon 6 W. Williams. 7 7 Lewis Tutty	May 7, 193 May 7, 193 May 7, 193 May 7, 193 May 7, 193 May 7, 193 May 1, 193 Mar. 1, 193	6 6 6 5	12 54 54 56 56 16 15	1,780 81 1,780 81 1,780 81 1,780 81 1,780 81 1,780 81 1,780 81	1,607 61 1,607 61 1,607 61 1,607 61 1,607 61 1,607 61 1,607 61	
				14,246 48	12,860 88	
Vessels which paid pilotage dues. Number. Tonnage					Amount paid.	
British steam vessels. British sailing vessels. Foreign steam vessels.		203 432,92 75 78,16 124 186,87			\$ cts. 8,304 07 1,859 00 4,083 47	
		40	)2	697,972	14,246 54	
RECEIPTS AND EXPE	NDITURE,					
				Receipts.	Expenditure.	
				\$ cts.	\$ cts.	
Pilotage dues Secretary's salary, (4% of gross earnings) Coal Telephone. Travelling expenses. New boat and expense of repairs to other boats. Divided between 8 pilots.				14,246 54	569 84 20 40 20 45 67 10 707 83 12,860 92	
				14,246 54	14,246 54	

#### PILOTAGE DISTRICT OF LOUISBURG, N.S.—Concluded.

#### PILOTAGE RATES.

				_	_			Inwar	-1	Ou	tward.
								ş	cts.		8 cts.
nsail and st	eamships of	80 t	ons to	120	tons	88171			4 00		3.00
11	44	120	6.4	200	6.6				6 00		4 00
6.4	4.6	200	4.1	300	3.6				7 00		5.00
4.6	6.6	300	4.6	400	6.6	****			S 00		6.00
44	6.6	400	6.6	500	6.6				10 00		8.00
46	6.6	500	+4	700	f.s.				11 00		9.00
6.6	6.6	700	4.4	1,000	6.6	****			13 00		11.00
4.5	6.6	1,000	6.6	1,500	4.4				15 00		12 00
	. 6	1,500	44	2,000	4.6				16 00		14 00
6.5	66	2,000	4.4	2,500	44	****	' '		18 00		16 00
44	. 6	2,500	44	3,000	6.6	*****	` .		22 00		18 00

(iver 3,000 tons register, one cent per ton additional inward, and one eent per ton additional outward.

Winter pilotage after November 30 up to and including April 30, shall be 20 per cent additional to the above rates on sail and steamships.

The payment of pilotage dues is compulsory in the Pilotage District of Louisburg, N.S.

E. G. WHITMAN,

Secretary.

# PILOTAGE DISTRICT OF PICTOU, N.S.

	Pilot Commissioners.	Date of Appointment.
Cupt. H. McKenzie, John R. Davies., G. Adam Carson G. Adam Pringle, John W. McKay.		Oct. 19, 1912 Oct. 19, 1942 Oct. 19, 1942 Oct. 19, 1912 Oct. 19, 1912 May 31, 1915
Pilots	Date of Appointment,	Amount paid to each.
McGregor Lraser Wm. McPherson, Willard Fra er., Albert McDonald.	May 26, 1899 Mar 3, 1903 April 29, 1903 Dec 1, 1914	\$ cts. \$ cts. 191 08 191 08 249 80 249 80 192 71 192 71 207 31 207 31 840 90 840 90

# PILOTAGE DISTRICT OF PICTOU, N.S.-Continued.

White Flag ships licensed for the year.		Amount paid.
Cascapedia (2 licenses)		\$ 80 00
Vessels which paid pilotage dues.	Tonnage.	Amount paid.
British steam vessels British sailing vessels Foreign steam vessels Foreign sailing vessels.	11,490 444 4,506 3,394 19,834	7 00 214 78 166 12
Pilot Boats.	`	Cost of Maintenance.
Blanche G. Smith No. 2.		\$ 100 00

## RECEIPTS AND EXPENDITURE.

	Receipts.	Expendi- ture.
Cash from pilotage 2 licenses SS Cascapedia Half pilotage. Pilots' bonds.	\$ cts. \$40 90 80 00 32 50 4 00	\$ cts.
Paid pilots Part salary Secretary	957 40	840 00 116 50

#### PILOTAGE DISTRICT OF PICTOU, N.S-Concluded.

#### PILOTAGE RATES.

						Inward.	Outward,
						\$ ets.	\$ ets.
essels of	120 to	ons to	140	tons.	***	6 00	4 00
6.6	140	44	200	6 0		10 00	6.00
4.6	200	6.4	300	1.1		12 00	S ()(
4.6	300	6.6	400	0.0		14 00	9 00
64	400	6.6	500	+6	***	15 00	10.00
4.6	500	6.0	600		****	16.00	11 00
46	600	+ 6	700		****	17 00	12 00
4.6	700	6.6	500			18 00	
11	800	44	900		** (	19 00	
+ 1	900	4.4	1,000		****	20 00	

Vessels of 1,000 tons and upwards, 2½ cents inwards, and 2 cents outwards.

All vessels under 120 tons \$4 inwards, and \$2 outwards.

Docking and moving vessels from anchorage in harbour \$4 for each move.

The payment of pilotage dues is compulsory in the Pilotage District of Pictou, N.S.

# G. ADAM PRINGLE,

Secretary.

## PILOTAGE DISTRICT OF PARRSBORO, N.S.

		Pilot Commission	ners.			Date of Appointment.
Edward Gillespie Johnson Spicer T. M. Dodsworth						Jan 24, 1881 Feb 26, 1889 April 20, 1916 April 20, 1916 April 20, 1916
	Pilots.		Date of Appointment.	Age.	Earnings.	Amount paid to cach.
do eph Anderson, Lugenc E. Jenks, Lawrence McGrath.			July 13, 1906 June 7, 1916 June 7, 1916	50	\$ cts. 710 25 26 75 92 00 829 00	660 57 24 88 85 57

#### PILOTAGE DISTRICT OF PARRSBORO, N.S .- Concluded.

Vessels which paid pilotage dues.	Number.	Tonnage.	Amount paid.
British steam vessels	3 3 9 15	8,955 4,810 4,038 17,803	\$ cts.  319 75 187 25 322 00  829 00

#### RECEIPTS AND EXPENDITURE.

	Receipts.	Expendi- ture.
Pilotage dues	\$ ets. 829 00	\$ ets.
Paid Pilot Anderson Paid Pilot Jenks Paid Pilot McGrath Salary and Contingencies.		660 57 24 88 85 57 57 98
	829 00	829 00

#### PILOTAGE RATES.

From isle Haute to Spencer island	3 1 25	per draft foot.
From isle Haute to Port Greville.	1 25	
From isle Haute to Diligent River	1 50	) " "
From isle Haute to West Bay	-2.00	4
From isle Haute to Partridge Island river	-2.50	) " "
From isle Haute to Moose or Harrington river.	-2.75	" "
From Speneer island to West Bay.	1 25	, " "
From Spencer island to Partridge Island river	1 50	) " "
From West Bay to Partridge Island river.	1 25	11 46
On all outward bound vessels	1 50	66 66

Steam vessels to pay 50 cents additional per foot on all the above rates. Vessels loading above Spencer island not to be obliged to take a pilot further than off Spencer island, if the pilot is taken further, fifty cents per draft foot extra.

That the sum of five dollars be charged on each vessel shifted by a pilot from the

ballast ground to the loading berth if such service be required.

The payment of pilotage dues is compulsory in the Pilotage District of Parrsborro, N.S.

E. GILLESPIE,

Secretary.

# PILOTAGE DISTRICT OF PUGWASH, N.S.

Pilot Commissioners.  Gordon McDonald Chas. M. Macfarlanc Peter McLeod. Stanley Smith Chas. E. Woodlock. Alex. F. MacAulay						
Pilots.	Date of Appointme		Age.	Earnings.	Amount paid to each.	
Neil McIvor Alfred Seaman Clarence E. Reid. Tuttle King Frank Seaman	1887 1897 1915 1916		57 43 44 40	\$ cts. 110 12  15 00 121 37 246 49	110 12 15 00 121 37	
Vessels which paid pilotage dues.		Nur	nber.	Tonnage.	Amount paid	
Foreign steam vessels Foreign sailing vessels Other vessels			5	1,538 3,508 5,046	\$ ets. 64 21 145 74 209 95 36 54 246 49	

#### RECEIPTS AND EXPENDITURE.

	Receipts.	Expendi- ture,
Pilotage fee :	\$ cts. 216 49	\$ ets.
Paid pilot		246 49
	246 19	216 49

#### PILOTAGE DISTRICT OF PUGWASH, N.S .- Concluded.

#### Pilotage Rates.

The rates of pilotage dues at the ports of Pugwash, Port Philip or other loading places within the limits in the said district of Pugwash shall be as follows, on the register tonnage of the ship, viz:—

						Inwards.	Outwards.
						\$ ets.	\$ ets.
essel	s 80 at	id under	140	tons.		6 00	5 00
66	140	66	230	6.6		8 00	7 00
e d	230	6.6	300	6.6		10 00	9 00
6.6	300	6.6	400	66		14 00	12 00
4.6	400	6.6	500	+6		16 00	14 00
+6	500	66	600			17 00	15 00
66	600	64	700				
44		66		60	***********************************	18 00	16 00
4.6	700	66	800	6.	***************************************	19 00	17 00
	800		900		***************************************	20 00	18 00
4.6	900	44	1,000	6.6		21 00]	19 00
ou	twards,	additio	onal, o	n th	ll pay 2½ cents per ton inwards and 2 cents per ton he register tonnage. All vessels under 80 tons nuts per ton inwards and 4 cents per ton outwards.		

Vessels over 1,000 tons register after entering the harbour and being safely moored by a pilot, employing a pilot to be moved again to loading berth, dock or wharf from her first mooring, shall pay to the pilot so employed the sum of five dollars (\$5), and vessels under 1,000 tons register tonnage (except schooners of or under 300 tons) shall pay three dollars (\$3), for moving and mooring, to the pilot so employed. All steamers employing licensed pilots to be rated at net tonnage. Any vessel in charge of a pilot detained outside for the purpose of discharging ballast, to allow the pilot \$1.50 per day for such detention.

All vessels requiring the services of a pilot in going through the draw-bridges of Pugwash or Port Philip harbours, and going one and a-half miles up either river heyond said draw-bridges, shall pay in addition 2½ cents per ton each way.

The payment of pilotage dues is compulsory in the Pilotage District of Pugwash, N.S.

A. F. MACAULAY,

Secretary.

## PILOTAGE DISTRICT OF PORT MEDWAY, N.S.

Pilot Commissioners.					
Edwin Morine J. Frederick Wolfe Chas. A. Kennedy				Aug. 8, 18 April 21, 19 Mar. 28, 19	
Vessels which paid pilotage dues.		Number.	Tonnage.	Amount paid.	
British steam vessels British sailing vessels Foreign steam vessels.		1	1,927 270 1,137 3,334	\$ cts 25 ( 5 ( 25 )	

#### RECEIPTS AND EXPENDITURE.

	 Receipts.	Expendi- ture
	\$ ets.	\$ ets.
Pilotage fees	55 00	
Paid pilots		55 00
	55 00	55 00

#### PILOTAGE RATES.

	Inward.	Outward.
Vessels from 120 tons to 300 tons " 300 " 400 " " 400 " 600 " All vessels over 600 tons	\$ cts. 6 00 7 00 9 00 12 00	5 00 6 00

Outward pilotage for all vessels of 200 tons and upwards to be compulsory. The payment of pilotage dues is not compulsory in the Pilotage District of Port Medway, N.S.

Secretary.

# PILOTAGE DISTRICT OF RICHMOND, N.S.

Pilot Commissioners	s.				Date of Appointment.
Isidore LeBlanc William Babin. Capt. Henry LeMarchant					Feb. 23, 1894 Feb. 23, 1894 Aug. 25, 1905
Pilot.	Date of		Age.	Earnings.	Amount paid to pilot.
Murdock Boudrot	1906		45	\$37 75	\$37 75
Vessels which paid pilotage.		Nu	mber.	Tonnage.	Amount paid.
British steam vessels British sailing vessels Foreign sailing vessels			1 1 1 3	146 213 449 808	8 ets.  11 25 13 50 13 00 37 75

#### RECEIPTS AND EXPENDITURE.

	Rec	eipts.	Expenditure	
	\$	ets.	\$ cts.	
Pilotage fees		37 75 5 00		
Paid pilot. Secretary			37 75 5 00	
		42 75	42 75	

# Pilotage Rates.

The following vessels when not exceeding 250 tons register tonnage are and shall be considered exempt from compulsory pilotage:—

1st. All vessels belonging to the county of Richmond.

2nd. All fishing vessels when they shall actually be engaged in the fisheries.

The following shall be the rates of pilotage:-

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# PILOTAGE DISTRICT OF RICHMOND, N.S.—Concluded.

												1	lnwa	rds.
													\$	ct
		tons and												5
6.6	100	6.6	6.6	150	44							.		- 6
4.6	150	4.6	4.6	200	66									- 7
+4	200	44	8.4	250	6.6		 							9
66	250	4.6	6.6	300	66									. 10
	300	44	6.6	350	6.6									11
44			6.6	400	44									1.1

OUTWARDS .- One-half of the above rates.

The payment of pilotage dues is compulsory in the Pilotage District of Richmond County, N.S.

# ISIDORE LEBLANC,

Secretary.

# PILOTAGE DISTRICT OF ST. ANN'S, N.S.

Pilot Commissioners.				Date of Appointment.
Capt. Angus Carmichael Capt. Joseph Steele				Aug. 1, 1914 Aug. 1, 1914
Pilots.	•	Age.	Earnings.	Amount paid to pilots. \$ cts.
Joseph Fader Angus B. Morrison Archie Carmichael Daniel Buchanan.		65 46 52 47	338 00	338 00
			338 00	338 00
Ve els which paid pilotage dues.	Nui	mber.	Tonnage.	Amount paid.
Foreign sailing vessels		10	5,236	\$338 00

#### PILOTAGE DISTRICT OF ST. ANN, N.S .- Concluded.

#### RECEIPTS AND EXPENDITURE.

	Receipts.	Expenditure.
	\$ ets.	\$ ets.
Pilotage fees	338 00	
Paid pilots		338 00
	338 00	338 00

#### PILOTAGE RATES.

						\$ ets
essels of	120	tons to	200	tons		7
66	200	6.6	250	66		8
64	250	44	300	44		9
44	300	6.6	350	66		12
66	350	4.4	400	44		13
66	400	6.6	450	6.6		14
66	450	4.6	500	66		15
4.6	500	44	600	64		16
6.6	600	44	700	6.6		17
66	700	44	800	66		18
	800	44	900	66	***************************************	19
"	900		1,000	66		20
66	1,000	66	1.500	66	*****	21
66	1,500	44	$\frac{1,300}{2,000}$	66		21 24

The payment of pilotage dues is compulsory in the Pilotage District of St. Ann, N.S.

# ANGUS CARMICHAEL,

Secretary.

# PILOTAGE DISTRICT OF ST. JOHN, N.B.

Pilot Commissioners.	Date of Appointment.
Harold C. Schofield J. Willard Smith John C. Chesley. James E. Cowan James Lewis. Heary Finnigan Wm. R. Bennett J. U. Thomas (appointed Secretary-Treasury)	Oct. 3, 1911 Aug. 14, 1894 Oct. 31, 1912 Oct. 31, 1912 Oct. 31, 1912 Oct. 6, 1913 May 23, 1916 May 20, 1885

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# PILOTAGE DISTRICT OF ST. JOHN, N.B.—Continued.

			1	
Pilots.	Date of Appointment.	Age.	Earnings.	Amount paid to enc
			\$ cts.	\$ ct.
1 John F. Abbott 2 James Bennett 3 Alfred Cline 4 Richard B. Cline 5 Joseph Doherty 6 Robert Doherty 7 William Murray 8 James N. Miller 9 Fenwick M. McKelvey 0 Bartholomew Rogers 1 William J. Spears 2 James Spears 3 William Scott 4 William P. Scott 5 Thomas J. Stone 6 Thomas Traynor 7 William Traynor 8 John S. Thomas On hand in abeyance	1915 1882 1878 1898 1874 1908 1899 1908 1881 1908 1881 1908 1874 1874 1874 1874	23 59 59 45 70 31 42 36 30 59 30 71 60 24 63 63 24 88	42.272 48	60 2 2,271 9 1,219 8 1,141 2 4,015 9 3,729 2 2,286 9 2,271 9 2
			42,272 48	36,970
Amount of pilotage received  25e, per foot from outward pilotage  7 % from net pilotage	· · · · · · · · · · · · · · · · · · ·		\$ 2,447 44 2,854 25 \$	5,301 ( 36,970 )
Apprentice Pilots.			Date of Appointment	Age.
corge W. Miller.			1914 1915	16

George W. Miller. George Miller Wm. Stanley Kelley Wm. B. Alexander Louis Doyle			 1914 1915 1914 1915 1916	16 17 17 17 15 18
	Pilot :	Bouts.		st of cnance.

Pilot Boats.

Maintenance.

Howard D. Troop No. 1. Owned and maintained by the pilots.

PILOTAGE DISTRICT OF ST. JOHN, N.I	3.—Contin	ued.	
Vessels which paid pilotage dues	Number.	Tonnage.	Amount paid.
British steam vessels	304 68 48 143	1,002,043 28,683 66,772 51,608	2,370 53 3,476 30 4,809 1
Pension Fund.			
		\$ cts.	\$ cts
Province of New Brunswick Bonds		5 % 5 % 5 %	15,000 00 976 23 972 21 464 27
			17,412 73
Receipts and Expenditure.			
		Receipts.	Expenditure

	Receipts	Expenditure
	\$ (	ts. \$ cts
Balance in Bank, 31st December, 1915	1,392 2,447 2,854	14
17 pilots	85 20	
Province of N.B. bonds.  Canadian War Loan.  Investments Account—	750 25	
Canadian War Loan, \$1,000 Canadian War Loan, \$1,000 Pension Account—		976 23 972 2
Pilots Widows  Expense Account—		
Secretary's salary Rent Auditing, 1915 and 1916		
Stationery, printing, etc. Legal expenses. Office furniture.		46 36 100 00 180 00
Electric fixtures Surety bond premium. Telephone.		13 88 20 00
Accrued interest on bond		40.01
	\$ 7,574	64 7,574 6

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# PILOTAGE DISTRICT OF ST. JOHN, N.B. Concluded.

#### PILOTAGE RATES

Steamships.			Inward.
1st District	per foot draught	of water	\$2 00 2 50 3 00
Steamships to Patridge island  Down the bay of Fundy (not compulsory)	44	00 b6	Outward. 1 73 2 73
Sailing Vessels.			Inward.
1st District. 2nd District 3rd District	per foot draught	of water	\$1 50 1 70 2 20
Sailing vessels to Patridge island Down the bay of Fundy (not compulsory).	**	46	Outward. 1 2 2 0
Transporting Vessels.			
Up to 500 tons register Of 500 tons and up to 1,000 tons Of 1,000 tons and up to 4,000 tons Of 4,000 tons and over			2 5 5 0 10 0 15 0

The payment of pilotage dues is compulsory in part in the Pilotage District of St. John, N.B.

# J. U. THOMAS,

Secretary.

# PHOTAGE DISTRICT OF MIRAMICH, NB

,	Pilot Commissioners.	Date of Appointment.
John C. Miller Wm. B. Snowball Ernest Hutchison John P. Burchill Wm. M. Sinchir		April 12, 1893 April 12, 1893 April 12, 1893 Mar 7, 1913 Feb. 15, 1916

# PILOTAGE DISTRICT OF MIRAMICHI, N.B.—Continued.

Pilots.	Date of Appoint m		Earnings.	Amount paid to each.
1 Louis Jimmo 2 Maxime Martin 3 Alex. Wilson. 4 Robt. J. Walls. 5 Wm. Walls, Sr. 6 Geo. Sutton. 7 James A. Nowlan. 8 Jos. Jimmo. 9 James McCallum. 10 John Martin. 11 Asa Walls. 12 Wm. Walls, jr. 13 John Nowlan. 14 Mike J. Jimmo. 15 Geo. M. Nolan. 16 Geo. Savoy.	May 29, July 10, July 10, July 12, April 20, April 28, April 28, April 28, April 28, April 28, June 23, May 20, June 21, Nov. 1, Nov. 2, Mar. 10,	1869 71 1871 70 1870 65 1875 62 1878 65 1878 61 1879 61 1880 72 1880 57 1880 57 1882 59 1872 60 1899 49 1899 60	\$ cts 1,425 00 702 55 900 10 696 4 872 11 811 7 1,436 48 816 9 1,297 11 775 1 880 48 707 4 1,149 9 820 4 951 7	828 42 585 84 585 84 630 49 585 84 630 88 64 585 84 65 585 84 66 585 84 67 828 42 585 84 68 585 84
			14,243 7	\$ 10,672 82
Vessels which paid pilotage dues.		Number.	Tonnage.	Amount paid.
British steam vessels. British saiting vessels. Foreign steam vessels. Foreign sailing vessels.		17 7 39 117	36,09: 2,35: 42,510 29,97:	290 68 4,912 51
		180	110,929	14,243 75
Pilot Boats.				Cost of Maintenance.
Princess Louise Senator Snowball Admiral Beatty. Mabel. (Paid by pilots independent of club)				\$ cts. 242 14 296 33 2,646 55
				3,185 02

#### PILOTAGE DISTRICT OF MIRAMICHI, N B .- Continued.

Receipts and Expenditure.	Receipts.	Expenditure,
Inward pilotage Outward pilotage. Removals R. J. Walls' payment Balance from 1915 Commission and office expenses Maintenance of pilot boats Paid pilots	\$ cts. 7,928 67 5,666 58 648 50 100 00 104 69	

The rates of pilotage for the district of Miramichi, N.B., shall be as follows:—
For sailing vessels up to 300 tons register a flat rate of \$25 for each such vessel
and six cents per registered ton when inward bound and six cents per registered ton
when outward bound.

For sailing vessels over 300 tons register and not exceeding 500 tons register a flat rate of \$25 per vessel and five cents per registered ton inwards, and five cents per registered ton outwards.

For sailing vessels over 500 tons register and up to 700 tons register a flat rate of \$25 per vessel and four and one-half cents per registered ton inwards, and four and one-half cents per registered ton outwards.

For sailing vessels over 700 tons register and up to 1,000 tons register a flat rate of \$20 per vessel and four cents per registered ton inwards and four cents per registered ton outwards.

For sailing vessels over 1,000 tons register and up to 1,300 tons register a flat rate of \$15 per vessel and three and one-half cents per registered ton inwards, and three and one-half cents per registered ton outwards.

For sailing vessels over 1,300 tons register a flat rate of \$15 per vessel and three cents per registered ton inwards, and three cents per registered ton outwards.

Pilotage rates for steamers up to 1,000 tons register, a flat rate of \$25 per vessel and and five cents per registered ton inwards and five cents per registered ton outwards.

Steamers over 1,000 tons register and up to 1,500 tons register, a flat rate of \$20 per vessel, and five cents per registered ton inwards, and five cents per registered ton outwards.

Steamers over 1,500 tons register and up to 1,700 tons register, a flat rate of \$20 per vessel, and four and one-half cents per registered ton inwards, and four and one-half cents per registered ton outwards.

Steamers over 1,700 tons register and up to 2,000 tons register, a flat rate of \$20 per vessel, and four cents per registered ton inwards, and five cents per registered ton outwards.

Steamers over 2,000 tons register, a flat rate of \$20 per vessel, and three and one-half cents per registered ton inwards, and three and one-half cents per registered ton outwards.

In the case of Canadian owned and registered vessels employed on coasting voyages, a rebate of \$10 on the flat rate will be made.

Vessels must be docked within 21 hours after arrival, otherwise the regular moving rate shall be charged.

# PILOTAGE DISTRICT OF MIRAMICHI, N B.- Concluded.

#### Moving.

For all vessels over 300 tons register and under 600 tons register between Black Brook and Newcastle (below bridge), \$10. Move not exceeding 2 miles, \$6.

For vessels over 600 tons register, Black Brook to Newcastle, \$15. All vessels moved not exceeding 2 miles, \$6.

All vessels moved through the bridge at Newcastle, 300 tons register to 600 tons register—extra \$2.50, and 600 tons register and over \$5 extra.

This extra charge applies to moves only.

Between Sinclair's and any point above bridge, vessels 300 tons register to 600 tons register, \$6; 600 tons register and over, \$10.

If a pilot is detained on any vessel going to sea for over forty-eight hours within the district the vessel shall pay \$5 per day for every day, or part of day, he is detained.

The payment of pilotage dues is compulsory in the Pilotage District of Miramichi, N.B.

# D. T. JOHNSTONE,

Secretary.

#### PILOTAGE DISTRICT OF RESTIGOUCHE, N.B.

Pilot Commissioners.			Date of Appointment.	
Wm. Fraser Napier. David Champoux. John T. Mowat. James E. Stewart. James Wallace	 			Dec. 6, 1905 Feb. 8, 1907 Feb. 9, 1912 Mar. 2, 1912 Mar. 25, 1915
Pilots.		Age.	Earnings.	Amount paid to each.
Edward Elsliger Joseph Elsliger. William Donahue Daniel McNeil. Neils Neilson Chas. Robertson.	61 49 40 40 40 40		\$ ets. 913 58 913 58 913 58 913 58 913 58 913 58 913 58	
			5,939 54	5,481 48
Vessels which paid pilotage dues.	Nun	nber.	Tonnage.	Amount paid.
British steam vessels Foreign steam vessels Foreign sailing vessels		16 25 43	39,525 27,488 24,425	\$ ets. 1,922 59 1,964 93 2,052 02
		84	91,438	5,939 54

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#### PILOTAGE DISTRICT OF RESTIGOUCHE, N.B.-Concluded.

#### PILOT BOATS.

No. 1 No. 2) (No separate accounts kept for each boat, pilots running the three boats together.) No. 3

#### RECEIPTS AND EXPENDITURE.

Re a second design of the seco		
	Receipts.	Expenditure.
	\$ cts.	\$ ets.
Pilotage fees.	5,939 54	170 10
Commission including secretary's salary Pilots' expenses and upkeep of boats, etc		178 19 249 87
Cash paid pilots Balance in bank	•	5,481 48 30 00
	5,939 54	5,939 54

#### Pilotage Rates.

The rates of pilotage including the properly securing and mooring all ships or vessels piloted by the several pilots within the Pilotage District of Restigouche, shall be as follows:—

For ever foot of water any ship or vessel shall draw at the time, inward or outward bound, ports of Dalhousie, Benjamin, Beaver Point, Nash Creek, Jacquet river, or any loading station east of Dalhousie on the bay of Chaleur, one dollar; port of Campbellton, one dollar and fifty cents; Oak Bay or any loading station east of same; west of Dalhousie, one dollar and twenty-five cents, when ships proceed direct from sea.

Ship bound for Dalhousie, Benjamin. Beaver Point, Nash Creek, Jacquet river, or any loading station east of Dalhousie, calling at any of the said harbours for orders, or to discharge ballast, cargo, or otherwise on ship's account, one dollar; and thence to any other of the said ports or loading stations on the bay of Chaleur, fifty cents per foot on draught of such ship at the time.

Ship bound for Campbellton, Oak Bay, or any loading station east of Oak Bay and west of Dalhousie, waiting at Dalhousie or at any of the outer or bay ports to discharge ballast, cargo, or otherwise, on ship's account, one dollar; and thence to the said port of Campbellton, seventy-five cents; Oak Bay or any loading station east of Oak Bay and west of Dalhousie, fifty cents per foot on draught of such ship at the time and vice versa.

For the removal of any ship including the properly securing and mooring such ship the following rates, viz: The sum of one dollar and fifty cents for ships not exceeding 120 tons; the sum of two dollars for ships over 120 tons and not exceeding 200 tons; the sum of three dollars for ships over 200 hundred tons and not exceeding 300 tons; the sum of four dollars for ships over 300 tons, and not exceeding 600 tons; and the sum of five dollars for all ships over 600 tons; and when the distance of removal extends four miles, fifty per cent additional to above rates. In addition to above rates all vessels propelled wholly or in part by steam shall pay one cent inwards and one cent outwards per net register tonnage.

The payment of pilotage dues is compulsory in the Pilotage District of Restigouche, N.B.

> A. F. CARR, Secretary.

# PILOTAGE DISTRICT OF BATHURST, N.B.

		····	
Pilot Commissioners.	Date of Appointment.		
			May 16, 1903 Sept, 20, 1904 Aug, 30, 1907 Mar, 25, 1915 June 15, 1912
Pilots.		Earaiags.	Amount paid to each.
\$ ets.  Wm. Daley 644 58 Peter Roy 704 16 D. R. Ronolds. 103 61 Frank Curwin 1,452 35			102 50
Vessels which paid pilotage dues.	Number.	Tonnage.	Amoun paid.
British steam vessels British sailing vessels. Foreign steam vessels. Foreign sailing vessels.	6 2 7 12 27	15, 381 395 7, 792 4, 454 28, 022	\$ ets. 615 32 47 00 423 38 366 65 1,452 35

#### RECEIPTS AND EXPENDITURE.

	Receipts.	Expenditure.
	\$ ets.	\$ cts.
Pilotage fees Paid pilots Commission 5% of \$1,452.35. Inspector's inspection of pilot boats	1,452 35	1,376 72 72 63 3 00
	1,452 35	1,452 35

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#### PILOTAGE DISTRICT OF BATHURST, N.B .- Concluded.

#### Pilotage Rates.

The rates of pilotage for the district of Bathurst, N.B., shall be as follows:-

#### Inwards.

From sea to the ballast ground outside, \$1.20 per foot draught of water.

From sea to any place above the ballast ground, \$1.40 per foot draught of water.

From the ballast ground to inside the harbour above the usual loading ground outside the bar, \$0.75 per foot draught of water.

#### Outwards.

From the usual loading ground outside the bar, \$1.20 per foot draught of water. From any place inside the harbour, \$1.40 per foot draught of water.

# Moorings.

From ballast ground to loading berth outside the bar, \$4. From one loading berth to another inside the harbour, \$4.

In addition to the above rates any vessel propelled wholly or in part by steam shall pay two cents (2 ets.) per net registered ton.

The payment of pilotage dues is compulsory in the Pilotage District of Bathurst, N.B.

#### JOSEPH HENDERSON.

Secretary.

#### PILOTAGE DISTRICT OF CARAQUET, N.B.

	Filot Commissioners.		Date of Appointment.
Geo. Lettiche			April 6, 1903 June 29, 1910 June 29, 1910 July 7, 1913 Nov. 11, 1881
	Pilots.	Earnings.	Amount paid to each.
Lazaur L. Gauvin Alexander J. Wilson. James X. Lautaigne.		\$ ets.	\$ ets.
Theotince H. Le Bouthellier Joseph X. Cheasson Ernest Marks.		50 20 8 00	
		67 20	67 20

# PILOTAGE DISTRICT OF CARAQUET, N.B.—Concluded.

Vessels which paid pilotage dues.	Number.	Tonnage.	Amount paid.
British sailing vessels Foreign sailing vessels.	4 1 5	339 258 597	\$ cts. 50 40 16 80

#### RECEIPTS AND EXPENDITURE.

·	Receipts.	Expenditure.
Pilotage fees	\$ cts. 67 20	\$ cts. 67 20 67 20

#### PILOTAGE RATES.

\$1.20 per foot inwards. 1.00 per foot outwards.

The payment of pilotage dues is compulsory in the Pilotage District of Caraquet, N.B.

# COLSON HUBBARD,

Secretary.

# PILOTAGE DISTRICT OF HARVEY AND ALMA, N.B.

Pilot Commissioners.			Date of Appointment.
Major C. Anderson			June 29, 1901 Mar. 16, 1912 Mar. 16, 1912
Pilots.	Date of Appointment.	Age.	Earnings.
Bedford Dickson Capt. David T. Alexander Capt. Arthur Edgett	1916 1916 1916	35 62 58	\$ cts. 310 11 148 20 95 75 554 06

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# PILOTAGE DISTRICT OF HARVEY AND ALMA, N.B.—Concluded.

Vessels which paid pilotage dues.	Number.	Tonnage.	Amount paid.
British steam vessels British sailing vessels Foreign steam vessels	6 1 1	14,271 267 . 2,200	\$ cts. 467 88 14 68 71 50
	S	16,738	554 08

	Pilot Bonts.	Cost of Maintenance.
Hand Myrtle (new boat) Clara C	· · · · · · · · · · · · · · · · · · ·	\$ ets.  75 06 295 00 20 00  390 00

#### RECEIPTS AND EXPENDITURE.

	 Receipts	. Expenditure.
Pilotage fees. Upkeep of boats	\$ cts	390 00
Paid pilots,	554 (	164 06 554 06

# Pilotage Rates.

From 1 to 2 cents per registered ton according to distance.

The payment of pilotage dues is compulsory in the Pilotage District of Harvey and Alma, N.B.

MAJOR C. ANDERSON.
Secretary.

# PILOTAGE DISTRICT OF RICHIBUCTO, N.B.

Pilot Commissioners.			Date of Appointment.	
Wm. J. Brait. Frank Curran. Fred Ferguson. W. E. Forbes Richard O'Leary				
Pilots.			Amount paid to pilots.	
Albert Long John Curwin.			\$ cts. { 350 00 350 00	
Vessels which paid pilotage dues.	Number.	Tonnage.	Amount paid.	
Foreign sailing vessels.	12	1,985		

#### RECEIPTS AND EXPENDITURE.

	Receipts.	Expenditure.
2 vilet's liganose	\$ cts.	\$ cts.
2 pilot's licenses Secretary	2 00	2 00
	2 00	2 00

\$1.50 per foot inward.

\$1.50 per foot outward.

# Pilotage Rates.

The payment of pilotage dues is compulsory in the Pilotage District of Richibueto, N.B.

FRED. FERGUSON,

Secretary.

#### PHLOTAGE DISTRICT OF SHEDIAC, N.B.

Pilot Commissioners.			
Michael Connors D. J. Doiron. Geo. McDevitt J. Chas. Roberts Ed. R. McDonald (Apptd. Secty.)			Jan. 12, 1906 Jan. 12, 1906 Jan. 12, 1906 Jan. 12, 1906 Jan. 12, 1906 Aug. 21, 1907
Pilots.	Age.	Earnings.	Amount paid to pilots.
Thomas McGrath Oliff Hendrickson. Paul R. LeBlanc.	55	\$ cts. 70 90	\$ cts. 69 49
	7	70 90	69 49
Vessels which paid pilotage dues.	Number	. Tonnage	Amount paid.
Foreign steam vessels	1	760	\$70.90

#### RECEIPTS AND EXPENDITURE.

	Receipts. Expenditure.
Pilotage fees Paid pilots Commission on pilotage dues	\$ ets. \$ ets. 70 90 69 49 1 4
	70 90 70 90

# Pilotage Rates.

The rates of pilotage for this district are \$1.50 per foot draught of water for vessels, inwards; \$1.50 per foot draught of water for vessels outward bound, and for the removal of any ships or vessels properly secured and moved, the sum of \$4 for each such removal, hauling a vessel into wharf or dock from the stream not to be considered a removal.

It was ordered on the 30th May, 1908, that all ships or vessels propelled by steam or driven by power other than sails shall pay 4 cents per ton on their register tonnage in addition to the above rates.

The payment of pilotage dues is compulsory in the Pilotage District of Shediac, N.B.

E. R. McDONALD,

Secretary.

# PILOTAGE DISTRICT OF SHEPODY BASIN, N.B.

Pilot Commissioners.				Date of Appointment.
Robert C. Bacon Geo. R. Paysant Watson Steeves. Isaac C. Prescott Capt. B. T. Carter.				June 24, 1911 June 24, 1911 Oct. 10, 1912 Oct. 10, 1912 Oct. 10, 1912
Pilots.	Date Appoint		Age.	Earnings.
Luther C. Martin John J. Christopher. William J. Milburn.	.   April, 1	914	67 53 46	\$ cts.  253 81 57 74 171 88
Vessels which paid pilotage dues.	Number.	Tons	age.	Amount paid.
British steam vessels British sailing vessels Foreign sailing vessels	. 5 10 12 27		227 8,159 4,940 13,326	\$ ets. 25 00 285 53 172 90 483 43

 $\label{eq:pilot Boats.} \textit{-L. C. Martin, No. 1.} \ \textit{Leo No. 2.} \ \textit{William J. Milburn.} \ \textit{(Pilots own and maintain the boats themselves.)}$ 

#### RECEIPTS AND EXPENDITURE.

<u> </u>	Rece	ipts.	Expend	iture.
	S	ets.	\$	ets.
Pilotage fees. Luther C. Martin—Pilot license for 1 year to April, 1917 Luther C. Martin—Boat license. John J. Christopher—Pilot license for 2 years to April, 1918 John J. Christopher—Boat license. William J. Milburn—Pilot license for 2 years to April, 1918. William J. Milburn—Boat license. Paid pilots. Watson H. Steeves (services and expenses). Isaac C. Prescott (services and expenses). B. T. Carter (services and expenses). B. T. Carter (inspecting hoats and granting licenses).				483 43 16 67 16 67 16 66 6 00
	5	39 43		539 43

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# Pilotage Rates.

Inward pilotage, 1½ cents per registered ton. Outward pilotage, 2 cents per registered ton.

Removal of vessels under 500 tons: distances under 4 miles, \$4; above 500 tons register, distances under 4 miles, \$5. When the distance exceeds 4 miles, 50 cents additional.

The payment of pilotage dues is compulsory in the Pilotage District of Shepody Basin, N.B.

B. T. CARTER,

Secretary.

# SIGNAL STATION, CITADEL, HALIFAX, N.S.

APPENDIX No. 10.

RECORD of Shipping, as per record folio from April 1, 1916, to March 31, 1917.

R.—Reported, A.—Arrived, P.—Passed,

SESSIONAL PAPER No. 21

Monthly Totals.	R. A. P. 112 108 4 113 115 118 118 117 117 117 117 117 117 119 119 119 119	cut. R.C.E., Supt. of Signals,
Schooners, 3 mast, or bear- ing private signals	R. A. P.	W. W. NAVIS, Lieut. R.C.E., Supt. of Sign
Brigs and 3 Brigantines. in	3	1,628 1,624 1,624 W.
Ships, Barques, Barquentines.	35 33 42 11 1 23 + 6 32 22 7 35 37 37 37 37 37 37 37 37 37 37 37 37 37	
Steamers, 2nd Class.	1.   N.   P.   P.   P.   P.   P.   P.   P	
Steamers, 1st Class.	R. A. P. 72 68 4 65 65 65 65 65 65 65 65 65 65 65 65 65	reported arrived passed
Men of War, Foreign.	3.       1.       2.       1.       2.       1.       2.       1.       2.       1.       2.       1.       2.       1.       2.       1.       2.       1.       2.       1.       2.       1.       2.       2.       2.       3.       4.       4.       5.       6.       7.       8.       8.       9.       1. <td>Total vessels reported " arrived."</td>	Total vessels reported " arrived."
Men of War, British.	A 10 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
Months.	April May July July Angust. September October January February Mareh	

# APPENDIX No. 11.

# SABLE ISLAND.

Sable Island, February 1, 1917.

Agent, Marine and Fisheries, Halifax, N.S.

Sir,—I beg to submit herewith my annual report for 1916. Work done on buildings at main station: a new storehouse in place of one condemned, part of roof of men's dwelling shingled, shingled part of roof of superintendent's dwelling, a platform around wagon house, and a new sill under the front of it, and minor repairs to a number of other buildings. No. 4 station: shifted, doors in barns to avoid sand drifts. East light: repaired barn extensively. Boats and life-saving apparatus on land the same as last year, and all in fairly good condition except two racket lines which need renewing.

Cattle killed, six; with an aggregate weight of 3,100 pounds.

Killed five hogs; aggregate weight 1,090 pounds.

Crops as follows: Hay, excellent; potatoes a failure; other roots normal.

Boat drills, eight. Beach apparatus drills, eight. Flag drills, four.

Number of times patrolled beach in fog: a.m., seventy-nine; p.m., sixty-nine; total, 148.

The total population of the island, including four wireless operators, forty-seven. The year has been very uneventful, giving very little to report.

#### J. U. BLAKENEY,

Superintendent, Sable Island.

# APPENDIX No. 12.

# ABSTRACTS FROM THE ANNUAL REPORTS OF AGENCIES OF THE DEPART-MENT OF MARINE AND FISHERIES.

The annual reports of the agents of this department are necessarily too voluminous for publication. Abstracts from these reports have accordingly been made.

#### CHARLOTTETOWN AGENCY.

The marine wharf was taken over by the Department of Railways and Canals on the 7th of May, 1916, some repairs made and was handed back in the month of March. 1917. The wharfage received was \$2,400.

The winter mail service between Cape Traverse and Cape Tormentine was in operation from the 1st to the 19th of April, 1916, when it ceased operation; and on August 23 was transferred to the Department of Railways and Canals, and all boats and boat-houses were transferred on the 20th September, 1916. The expenditure on this service during the season of 1916 was \$3,024.28 and the revenue \$30.

There are five combined gas and whistling buoys, two gas only, four Courtney whistling, four American pattern bell buoys and two gas buoys at Wallace, N.S., 5 unlighted bell, twenty-six conical, twenty-one can, twenty-one spar and one barrel, buoys, maintained by this agency. There are one American and two Trinity bell buoys in stock. The number of lights and lightkeepers is 52, the government wharves 34, revenue collected from which is \$1,195.56 and remitted, \$898.32.

#### DOMINION STEAMERS.

#### Stanley.

The Stanley was on the Pictou-Georgetown route on the 1st of April, 1916, was detained in Georgetown by ice on the 5th, made a round trip on the 6th, got rudder twisted on the 8th, was at Pictou until the 13th, made trip on the 14th, went to the relief of schooner Annie Parker on the 15th, left Georgetown on the 16th, made daily trip until the 22nd, when she was detained at Pictou by heavy ice, made daily trips from the 24th until the 29th, when she was laid up at Pictou; and on the 2nd May was taken over by the Department of Railways and Canals.

The Stanley arrived at Halifax for repairs on the 3rd of June, was laid up for repairs there until the 25th, took in supplies from July 25th to 31st, started on an inspection cruise August 2nd and was transferred to the Charlottetown agency on the 7th.

She arrived again at Halifax on the 23rd February, and for the rest of the month was breaking ice in Bedford basin and taking on supplies. During March, she broke ice at Shelburne, N.S., landed supplies at western shore ports; left Louisburg with mails for Magdalen islands on the 22nd, broke rudder, returned to Halifax on the 24th and was put up for repairs.

The Stanley made 16 single trips, carried 1,784,049 pounds of freight, 78,341 pounds of expressage, 454 passengers, furnished 294 meals and 95 herths. She earned \$1,201.19 from freight, \$159.22 from expressage, \$596.50 from passengers, \$29.40 from meals, and \$95 from berths, amounting in all to \$2,081.31. The meals were furnished by the steward who paid the ship ten cents for each meal for the privilege.

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#### Prince Edward Island.

The Prince Edward Island was on the Charlottetown-Pictou route on the 1st of April, 1916, made regular single trips until the 23rd, left Charlottetown on that date to render assistance to the schooner Wapiti, stuck in ice three miles from West Point, P.E.I., towed her to Summerside, returned to Charlottetown and was transferred to the Department of Railways and Canals on the 22nd of May. The ship made 27 single trips and earried 9,190,665 pounds freight, 112,547 pounds expressage, 1,317 passengers, furnished 240 meals, 4 berths, and earned \$5,414.34 from freight, \$225.09 from expressage, \$1,802.25 from passengers, \$24 from meals, \$4 from berths and \$31 from war tax.

The meals on the government steamers are furnished by the steward who pays the steamer ten cents per meal for the privilege.

#### Brant.

The Brant was at the marine wharf Charlottetown at the beginning of the fiscal year undergoing cleaning, painting, and fitting buoys for service, and began work on the 12th May placing Battery point and Rosebank buoys in position, left for the western coasts on the 16th; and after working in that section returned to Charlottetown on the 6th of June, and continued placing buoys until the 20th June, when she sailed on a supply trip around the island. She returned to Charlottetown on the 4th of July, took more supplies on board, and on the 11th sailed to supply western lights. Returning to Charlottetown on the 21st July, she continued ordinary work until the 21st, then inspected Caribou bell buoy. She was in the lighthouse supply service of New Brunswick from the 8th until the 12th of August, worked continuously, left for Wallace to repair Oak island and other buoys, returned on the 30th, worked on buoy service, lifted Charlottetown harbour buoys on the 6th of December, lifted Shemogue buoys from 11th to 14th, returned and was laid up at wharf for the winter.

#### ST. JOHN AGENCY.

There are 152 lightstations in the province, including thirty-two range lights, sixteen light and fog alarms combined, three fog bells at lighthouses, one lightship marking Lurcher shoal, bay of Fundy, equipped with submarine bell, diaphone and modern lighting apparatus.

There are two signal stations in the bay of Fundy-Brier island, N.S., and

Partridge island, N.B.

The agency maintains 17 gas-bell and whistling buoys, 8 automatic whistling buoys, 27 bell buoys, 61 can and conical buoys and 30 spar buoys 40 feet long and upwards.

New lights have been erected at Cape Tormentine range, besides new range lights for the Cape Tormentine and Prince Edward Island ear-ferry.

Illuminating oil, amounting to 33,685 gallons, at a cest of \$7,367.94, and 27,560 gallon of fuel oil, costing \$5,594.68, was supplied by the Imperial Oil Company.

Repairs and cleaning found absolutely necessary were made at the stations, and the Lurcher lightship had repairs or changes made to hull, machinery and electrical apparatus.

#### DOMINION STEAMERS.

#### Lansdowne.

The Lansdowne sailed from St. John on the 5th April, 1916, placed Quaco ledge gas and whistling buoy, the Cross-bars shoal gas buoy in position on the 20th, the Avon river buoys on the 26th, returned to St. John; and the SS. Principessa

Letitia, while docking, collided with her, breaking the Lansdowne's starboard anchor, which damage was repaired by the other steamer's owners. From the 1st to the 12th May, the ship lay up at St. John, undergoing repairs to boilers, sailed on the 16th, continued in the buoy service until the 26th July and then sailed to Old Proprietor ledge to assist a stranded steamer.

She sailed on the 27th July on an inspection cruise, having many officials aboard, returned on the 1st August, did ordinary buoy work until she established a bell buoy at east entrance of Petite passage, St. Mary bay, on the 18th October. The Lansdowne continued buoy service until the 14th February, 1917. When leaving Yarmouth harbour, the ice cut through her planking. She began to leak so hadly that the agent and assistant ship's husband ordered repairs made. The repairs were completed on the 20th, she sailed for St. John on the 22nd, and was put out of commission on the 28th February, 1917.

During the season she was under way 9774 hours, and sailed 6,214 miles.

#### Aberdeen.

The Aberdeen sailed from St. John, on her first cruise, on the 10th April, 1916. She worked continuously in the lighthouse and buoy service, except when on special service or when delayed by accidents.

On the 27th April a fire broke out on board, which was extinguished by the ship's apparatus without material injury to the ship.

While at Killam's wharf, Yarmouth, on the 6th July, the Aberdeen collided with Cann's wharf, without doing much injury to either vessel or wharf.

She sailed to Boar's head on the 5th August, towed the disabled *Curlew* to safe anchorage off Westport, N.S., and gave her 1,500 gallons of fresh water. On the 22nd September, she sailed to Digby neck, where the tug *Mikado* was stranded, attempted to pull her off but failed.

The Aberdeen went into dry dock at Halifax on the 2nd November, had repairs made to her bottom and sailed for St. John for further repairs, remained there until the 5th March, delivered supplies and attended to buoys until the 29th March, when she was laid up at St. John.

She sailed 7,542 miles, and was under steam 1,164 hours.

#### HALIFAX AGENCY.

During the fiscal year ending 31st March, 1917, the following aids to navigation have been in operation: 258 lighthouses, exhibiting 263 lights, 38 pole lights, 14 electric lights (1 in private dwelling), 2 light vessels, 1 explosive fog alarm, 21 diaphones, 1 reed trumpet, 4 steam fog whistles, 57 hand horns, 6 mechanical fog bells, 23 combined gas and whistling buoys, 10 combined gas and bell buoys, 5 gas buoys, 16 automatic whistling buoys, 47 bell buoys, 5 submarine bells attached to buoys, 203 iron and steel and 1,100 spar buoys, 15 day beacons, 2 humane establishments and 2 government steamers.

The following new aids to navigation have been established: A range fixed light at Spry bay, a bell buoy off Mutton head, 3 wooden spar buoys at Inhabitants bay and Lorembee harbour, 1 in Sambro harbour and 9 in Lockeport harbour. Scatarie island light was changed from catoptric to dioptric and from oil to petroleum vapour and St. Mary bay light was changed from fixed red to occulting white.

Repairs of different extents and kinds are being made to 25 lightstations, 42 automatic gas and signal buoys, 22 automatic whistling buoys, 54 bell buoys, 4 submarine bell buoys and 235 conical, can and spar buoys and construction work of different kinds carried out at 38 stations.

#### DOMINION STEAMERS.

#### Lady Laurier.

The Lady Laurier was placing important buoys on the western shores during the month of April, was placing eastern shore buoys, taking supplies to lightship No. 15, and placing Magdalen island and P. E. Island buoys in May. She continued operations until December, when she was laid up for repairs.

She was lifting buoys, delivering supplies and doing other work until the close of the fiscal year.

#### Aranmore.

The Aranmore was taking passengers and supplies to Sable island, changing buoys at entranee to Halifax harbour, delivering supplies and placing buoys on eastern coast, was changing buoys and taking supplies to lightstations on the western shore from the 1st April until the 1st July, when she sailed on a trip to Sable island, cape Race, cape Freels, Newfoundland, and called at St. Paul and Guion islands, when returning. After taking supplies on board, she continued delivering supplies until November, she was employed at cable work between Sambro island and the mainland, then continued buoy work until February, 1917, when she was laid up for repairs at Halifax, where she remained for the remainder of the fiscal year.

# SYDNEY, N.S., SUB-AGENCY.

The marine hospitals at Sydney and at Louisburg have been repaired and supplies of various kinds purehased. Lighthouses were repaired and otherwise looked after when necessary. Public wharves were looked after, investigations made and reports forwarded to the head agency. Machinery and unnecessary materials were sold. The Dominich Coal Company's creeting plant was examined and a report made to the department. A permanent storm signal mast was creeted at Victoria park, submerged wreeks were removed from the harbours of Sydney and North Sydney and Ingonish, by the owners, under the agent's supervision. Dominion steamers have been repaired and supplied when necessary. Harbour buoys have been looked after and other matters of importance dealt with as occasion demanded.

#### PICTOR, N.S., SUB-AGENCY.

In the latter part of November, buoys on the outer reefs went adrift, but were recovered and replaced by the steamer *Hiawatha*. The *Brant* was three days removing outer buoys and replacing them with spar buoys. Stores were delivered to Caribou lighthouse, by the *Hiawatha* and *Stanley*.

# QUEBLO AGENCY.

There are 47 wharves under the control of Quebec agency, but few of those bringing much revenue, the net amount being \$6,248.05. New hand fogherns were placed at Anse-à-l'Eau, Baie St. Paul, Little Natashkwan and Thunder river, and a diaphone at cape Salmon.

The number of lights maintained is 146 dioptric, 20 pressed lenses, 89 catoptric group ranges, including hyperbolies, a total of 212 lights. The fog alarms consist of 21 compressed air and steam, 27 hand horns and bells. 5 lightships and 6 cotton-powder bombs, a total of 59.

The gas and other buoys maintained by government steamers are 111, consisting of 67 gas, 2 submarine, 15 can, 17 conical and 10 winter spar buoys.

The number of buoys maintained by contractors for the department is 321, consisting of 226 can, conical, spar and cask and 95 pickets and stakes. There are 27 beacons—15 pairs and 12 single.

The total amount expended by this Agency for all branches of the services under

its supervision was \$798,990.71.

#### DOMINION STEAMERS.

#### Montcalm.

The Montcalm, at the beginning of the fiscal year, was assisting the Lady Grey to open channel between Quebec and Montreal, returned to Quebec on the 23rd of April, was employed below Quebec in the buoy service, was afterwards put in dry dock for repairs; and on the 13th of July sailed on an inspection and supply trip in the straits of Belle Isle, Anticosti, North shore of river St. Lawrence, Newfoundland, Magdalen island coasts, and returned on the 18th of August. While on this cruise she rendered valuable services to the Fremona, which was ashore near South point, Anticosti. On the 6th September, the Montcalm sailed on a supply and inspection cruise along the north shore of the St. Lawrence, Gaspe coast, bay Chaleur, rendered assistance to the steamer Kalibia, ashore at St. Martins, and returned to Quebec on the 29th. She sailed again to the same stations, with supplies, on the 20th of October, returned on the 6th of November, sailed for North Sydney on 16th November for coal, took some militia men aboard, did some construction work and reached Quebec on the 26th of November. She was then put on the buoy service, picking up buoys before the closing of navigation, and afterwards was transferred to the Ship channel, to be used in breaking ice above Quebec during winter.

#### Druid.

The *Druid* is employed in the buoy service from Platon to Father point—a distance of 185 miles. She was regularly used in keeping buoys in position, attending gas and other buoys, towing lightships to and from stations, delivering supplies and transporting workmen.

On the 2nd of April the *Druid* began to prepare for the spring work, and placed the river buoys until the 29th, sailed for Matane, Manikuagan and Fame point, placed buoys there and completed putting the Saguenay river lights in order on the 10th of May. She continued work until the latter end of November, was then put out of commission for four days for repairs to tail shaft, was replaced by the *Montcalm*, and went into winter quarters on the 23rd of December.

Captain Gagnon died on the 9th Mrach, and was replaced by Captain Pelletier of the Montcalm.

#### Eureka.

The Eureka is under command of Capt. A. P. Ross, carries a crew of 20 men, and is employed in the Pilotage service at Father point. She sailed for Father point the 4th May, was constantly employed in embarking and disembarking pilots with much success, returned to Quebec on the 21st December, and was laid up in Louise basin where she was overhauled and repaired.

#### Rouville.

The Rouville arrived from Dartmouth, N.S., on the 18th June, left on the 19th July on a trip along the north shore of the river St. Lawrence, Anticosti island, Gaspe

coasts, in connection with construction work, and replaced the Eureka on the pilotage station at Father point during the month of August. On the 1st September she left Quebec for cape Bauld and other strait stations in connection with construction work, made another short trip beginning on the 26th, went on a construction trip on the 8th November, returned on the 21st, was on the "Gridiron" from the 31st October to the 3rd November, replaced the Champlain on the 23rd November while that ship was under repairs; and returned to Quebec where she underwent repairs in the Louise basin.

# Champlain.

This icebreaker was employed the year round in the ferry service between Murray Bay, cap-à-l'Aigle and St. Irénée, on the north shore of the St. Lawrence, and rivière Ouelle on the south shore, which is connected by a branch line of railway, 6 miles long, with the main line of the Canadian Government railway at rivière Ouelle junction.

She made two round trips daily (except Sunday, when she made one round trip), from June 17 to September 12. Besides this she made four special trips. At other times she made one round trip daily when not prevented by ice or snowstorms, a total of 342 round trips, besides three trips to Baie St. Paul and one to St. Simeon.

She missed one trip in November and eleven in December, made only three trips in January, three in February and twenty in March, owing to snow and ice; transported 9,119 passengers, 2,488.889 pounds of freight, 6,937 bags of mail matter, weighing 119,243 pounds, and provided 1,594 meals to passengers and carned \$8,839.35.

She was under repairs at Quebec from May 22 to June 16, and was replaced by the *Ladu Erelyn*, and again from November 24 to December 21, when she was replaced by the *Bouville*.

#### MONTREM. AGENCY.

Many repairs were made during the season. Batisean beacon and Berthierville Channel beacon were repaired and six beacons were erected, Cape Madeleine Village light was raised, Church point beacon light rebuilt, Cascades range lights were built by contract, day beacons were creeted at Chute à Blondeau, in range with lights, lighting apparatus was placed at Daigneault range, a small dwelling was creeted at Dixie's back range for the keeper, a freight-house was built on Victoria pier and a telephone installed, filling a long-felt want at the agency. A lantern-house was built at ile Ronde, a Ham traction headlight and a small cabin were creeted at ile Gros Bois range, three lights which formed two ranges completing the lighting of the steamboat channel were creeted at ile aux Sables. Portneuf range lights were repaired and painted. New apparatus was placed on Repentigny point lighthouse and St. Placide lighthouse. Besides these repairs seews and lighters were repaired and painted.

#### Expenditure.

The expenditures are as follows:-

The state of the s	
Rents, salaries and contingencies	\$ 13,715 67
Construction of lights.,	29,311 35
Dominion steamers	65,129 60
Construction buoy service	4,527 86
Maintenance	30,699 21
Maintenance of lights	17,539 52
Lightkeeper's salaries	33,611 10
Maintenance and repairs of wharves	1,391 94
	\$195,988,25

This is \$27,624.94 less than last year's expenditure.

#### DOMINION STEAMERS.

#### Reserve.

The Reserve was employed during the year in the buoy, construction and maintenance of lights services, supplied nearly all the lights from Montreal to Portneuf, besides towing the tug Acetylene from station to station, when required, and was repaired at the shippard at the cost of \$735.28.

# Tug Marguerite.

This small gasoline tug was steadily employed during the season in all parts of the district; and owing to her light draught, great power and speed, is most economical and eonvenient.

She was employed in the lighthouse and buoy service in the Rideau river and other waters. She had repairs made to hull and engine, costing \$254.25.

#### Dollard.

This vessel was employed only a short time by this agency, while laying and raising buoys. After placing the buoys in position in the spring she was transferred to the construction department for the summer and was again transferred to the St. John agency in the fall.

#### Maggie May.

The Maggie May is a chartered tug used in conjunction with the derrick-seow Lenore, and was steadily employed throughout the season on the buoy work on the Ottawa river and lake St. Louis, besides making her annual trip through the Rideau river and lakes district; putting lights and floats in good order, doing small construction and repair work jobs and delivering supplies on the Ottawa river and lake St. Louis.

#### Shamrock.

This vessel was employed in the buoy service throughout the season and gave very good satisfaction.

#### Vercheres.

The Vercheres was employed throughout the season on different construction works on the St. Lawrence river, and when necessary in conjunction with the scow Acetylene for the landing of gas-buoys on lake St. Louis and for inspection purposes. Near the close of the season her hull was so badly injured, by ice near Three Rivers, that she had to be beached; but in a few hours she was floated and sailed to Sorel for repairs.

#### Acetylene.

This scow is employed in painting and repairing lights and on buoy service.

#### Argenteuil.

The Argenteuil is a composite single-serew vessel built at Sorel Government shipyard in 1916-17, and is 100 feet long, 21 feet wide, and 8-foot beam. She is fitted with a 4½ fore-and-aft compound engine, 12 and 16 inches diameter, by 18-inch stroke, with working pressure of 130 pounds and operated by a cylindrical Scotch boiler. When completed she will be used in the lighthouse and buoy service on the Ottawa river and other shallow waters.

# DOMINION LIGHTHOUSE DEPOT, PRESCOTT.

There are 35 gas buoys in this district, lighted 7,931 days in all, and consuming 55,400 pounds of carbide. Besides the gas buoys, there are 169 spars, 11 cans, 1 bell and 3 beacons, all placed, lifted and repaired by the depot officers and men. Besides the carbide, 10,396 pounds of Blaugas was consumed.

A detailed list of work done in the different departments is given. Two hundred and sixty production orders were completed, covering a great variety of work. All the lighting apparatus was carefully tested, clock submitted to time tests, reflectors tried, lamps put in good order and new lights placed where necessary. Buildings, steamers and buoys were repaired and painted.

The blacksmith shop was kept busy making or mending shackles, bands, chains, bolts, nuts and all iron requirements in connection with the depot. The brass foundry made castings, for machine sheps, clocks and lights. The shippard was overhauled and put in good order, 25 spar busys were painted, and 8 fog alarm tanks; 2,500 concrete blocks were made and 5 Fairbanks engines unloaded. Two oil tanks were scraped and painted and 36 wooden markers were prepared for Prescott division. Air compressors were unloaded, the *Scout* supplied with coal; all can and conical busys cleaned and painted.

The pattern-shop made patterns for fog-signalling apparatus, large patterns for third-order apparatus and all other patterns required in machine shops.

The gas testroom rendered good service in testing and overhauling lanterns. The photometric gallery department carried out many improvements in the Diamond burners, whereby the greatest possible degree of light is furnished with the least possible quantity of oil. Oils for fuel and lights, as well as reflectors and lanterns were tested and reports made of results, besides many other tests—all tending to the efficiency of the service.

The sales from the depot amounted to \$99,170.57, and the earnings \$12,728.42, amounting in all to \$111,898.99.

#### DOMINION STEAMERS.

# Grenville.

The Grenville, after being repaired and outfitted, went into commission on the 10th April, 1916, laid a gas and bell-buoy at Ningara, and nearly all the gas and spar buoys on the St. Lawrence river, west of Prescott and in the bay of Quinte; painted all the gas and spar buoys, lighthouses and beacons, and charged gas buoys as often as required; removed all gas buoys and replaced them with spars at the close of navigation. She delivered all the supplies to stations from Prescott to Presqu'ile, and to lighthouses in lake Ontario belonging to the Prescott district; assisted in building Burnt island lighthouse; repairing Brighton Range pier, Nigger Island light, Wolf Island dwelling-house, and building a new pier around the fog alarm plant at Main Duck island. After taking the lightkeeper from Main Duck island, on December 29, 1916, the Grenville sailed to Kingston, where she went out of commission during the winter season.

#### Scout.

After undergoing general repairs, the Scout went into commission on the 6th April, 1916, laid some bnoys west of Prescott and all the buoys between Prescott and Valleyfield; attended all the gas and spar buoys, painted, charged and looked after the maintenance of all unattended lights and beacons in the division east of Prescott; the inspecting and recharging of gas bnoys during season of navigation and substituting

spar-buoys for them at the close of navigation. She delivered lighthouse supplies, assisted in the placing of new buoys and beacons in the new Canadian channel, between Brockville and Kingston, assisted in repairing Cole Shoal, Knap Point lighthouse and Gananoque Narrows lighthouse, Summertown wharf, and McKie point lighthouse.

She was placed in Davis dry dock, Kingston, for repairs on the 19th December, 1916.

# PARRY SOUND AGENCY.

The two steamers—the Simcoe and the Lambton—have been overhauled and fully equipped and the gas buoys painted and otherwise made ready for service. Five additional spar buoys have been provided—3 at Killarney and 2 in the Byng Inlet channel. The number of buoys now maintained by this agency is 15 gas, 3 iron unlighted, and 115 wooden spar buoys.

Repairs have been made to Burk Falls wharf shed, Thornbury light tower was moved and made safe for winter, Three-Mile point, Depot island, Killbear Point, Carling Rock, Spruce Shoal and Silver Rock lights were fitted with Aga-gas light; and after the close of navigation, buoys, moorings and lanterns were overhauled and made ready for next season's work.

#### DOMINION STEAMERS.

#### Simcoe.

The Simcoe was engaged in placing buoys until the 19th May, was delivering coal for fog-alarm stations in Georgian bay and part of lake Huron until the 16th June when she was put under the control of the Superintendent of Lights. All the supplies for lightstations, from Port Colborne to Fort William having been put on board in separate packages, the Simcoe sailed from Port Colborne on the 16th June, supplied all the stations to Fort William and returned to Parry Sound at the end of August. She was used in repair work until December, when she resumed the buoy work before the close of navigation, and was then laid up at Parry Sound.

#### Lambton.

The Lambton was employed by the agency, when not in use by the Chief Engineer's branch.

# VICTORIA, B.C., AGENCY.

The new wharf enables the department to dispense with the use of the Hudson Bay Company's and the Public Works' wharves and furnishes ample room for departmental stores and steamers.

Workshops have been built, where lanterns and other mechanical aids to navigation are repaired and tested; and when all the required machinery will have been installed, great saving in time and money will be affected.

At Prince Rupert sub-agency, considerable repairs have been made to wharves, yards, buildings and machinery. Aga-gas beacons were substituted at White rock, Pointer rock, Surf island, Copper island, Low island, Danger rock, Ogden point, with one in course of completion at Car point.

Automatic gas beacons were erected at Drew harbour, Richards point. Pirate point, and Wearing point. The total number of automatic beacons in use in British Columbia waters is 51 in use and 2 spare beacons.

Twenty-four compressed air diaphones, twelve automatic fog-bells, eight hand fog-horns, and SS lighthouses are in operation. The 9½-type automatic lighting and

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whistling buoys on the Channel rock and San Juan stations and five S<sup>1</sup>/<sub>2</sub> automatic gas buoys have been changed to the Aga system. There are now 18 stations lighted by acetylene gas buoys.

At the end of the fiscal year, 28 can, 23 conical, 29 platform, and 116 spar buoys were in use in the coastal waters and 92 in the inland waters of British Columbia.

#### DOMINION STEAMERS.

#### Estevan.

The Estevan sailed from Victoria on the 15th of April for Nanaimo, took on board materials and stores salved from the Quadra, and after charging beacons, supplying lightstations, overhauling, painting and resetting buoys and beacons in straits of Georgia, returned to Victoria; and after taking a full load of supplies on board, sailed again on the 24th, overhauled Joan Rock buoy, supplied East Point lighthouse, overhauled Rosenfelt can buoy, Sandhead buoy, landed supplies at the lightship, attended to various buoys and beacons in the straits of Georgia, returned and sailed on the 9th of May for the west coast, where she worked until June; and on the 5th, sailed to Queen Charlotte island, landed supplies, substituted Aga gas for the acetylene automatic system at Copper island, Low island and Danger rock, erected three concrete beacons in Skidgate inlet, installed an aerial tramway at Langara, charged gas buoys, landed construction supplies at Ballenas island, installed a conical buoy at Cape Mudge reef, returned, took on supplies and again departed on the 17th August to land supplies between Race rock and cape Beale, and substitute Agas gas for the acctylene automatic buoys at San Juan and Channel rocks. After placing a superstructure containing a bell on the Clo-Oose submarine bell, charging San Jose beacon, establishing an automatic beacon on Swale rock, Barkley sound, and landing supplies for the Naval department and telegraph service, went in the Victoria Machinery Depot dock for repairs on the 6th of September, where she remained until the 29th of September, 1916. She continued the lighthouse and buoy service on the west coast, left on the 15th of January, when she sailed with gasolene and distillate for the radio-telegraph service, machinery and supplies for several stations, and on the 14th of February sailed from Victoria with the San Juan buoy. While there she dragged for and recovered the sunken Aga gas buoy, and on the 27th of March went out of commission to be repaired, cleaned and painted.

#### Newington.

The Newington was in dock, undergoing repairs, during April and the first part of May; and from the 15th of May until the 15th of June, was employed in overhauling unlighted buoys and painting beacons, between Victoria and Boat harbour. She delivered supplies to lighthouse and fog-alarm stations in the straits of Georgia, overhauled day beacons from Cape Mudge to Ripple shoal, and placed new buoys, from the 15th of June until the 3rd of July, when she began recharging Green Point Rapid beacon, landed materials for the repair of Yellow island station construction, machinery and materials at Ballenas island lighthouse, placed a platform buoy at Darcy island for the quarantine steamer, Madge, repaired Enterprise Reef beacon and two buoys in Nanaimo harbour. She returned on the 26th of July, "blew down" and cleaned boilers, loaded buoys, anchors and other materials and supplies, overhanded buoys and looked after other aids to navigation until the 22nd of August, when she proceeded to Friday harbour, recovered a derelict can buoy, erected a 31-day lamp, landed the Superintendent of Lights at Saturna island and at the Sand Head lightship. On the 12th of September she sailed to recharge the gas beacons between Victoria

and Seymour narrows and did other ordinary work until the 13th of October, when she sailed for eape Mudge, having the Fog-alarm Inspector on board, who inspected and repaired the machinery of all fog alarms which he found defective.

The Newington sailed again on the 26th, with supplies and the Fog-alarm Erector, on an inspection tour; and on the 13th of November towed the schooners Oregon and Leonor to a safe berth in the upper part of Victoria harbour. Taking the Inspector of Lights on board, she sailed to Triangle island on the 13th of November, charging gas buoys and landing supplies at several stations en route; and on the 3rd of January sailed for Nanaimo, landing supplies and attending to buoys, beacons and other aids to navigation on the way.

On February 6th the Newington left Vaneouver to start the annual overhaul of unlighted buoys in the gulf of Georgia and approaches, returned with a load of sand for the use of the agency and departed on the 14th of March to recharge beacons between Nanaimo and Victoria, in which work she continued until the close of the fiscal year.

#### Leebro.

The chartered steamer Leebro left Victoria on April 3rd, 1916, charged San Jose gas buoy, landed gasolene at Banfield, overhauled the submarine bell-buoy at Clo-Oose; sailed to Esquimalt on the 27th, overhauled aids to navigation there, loaded carbide for buoys and beacons, sailed to Prince Rupert, recharged all acetylene beacons on Helmecken island, Johnston straits and Alaskan boundary, changed the characteristics of beacons to conform with the latest pattern of buoys, erected new buoys in Observatory inlet at Lizard and Richard point, and installed an 'Aga light at the "Pointers," landed supplies at Pine, Egg and Green islands, landed fuel for fog-alarm stations from Prince Rupert to Queen Charlotte island; and on the 4th of August, landed district engineer and workmen and construction materials at Ballenas island, landed supplies at different points and overhauled the spar buoys on the north shore of Georgia bay.

The Leebro left on the 22nd of August, loaded with supplies, attended to aids to navigation; and on the 29th of September left with rails and other construction materials for the railroad between Estevan point and Home harbour. From November 21st to March 23rd the Leebro was employed in the ordinary lighthouse and buoy service, and on that date left with construction materials for Ivory island and Egg island; she landed supplies and workmen at Triangle island for the radio-telegraph service, thus concluding the year's work.

# APPENDIX No. 13.

# HARBOUR COMMISSIONERS' REPORTS OF MONTREAL, QUEBEC, TORONTO, VANCOUVER, THREE RIVERS, BELLEVILLE AND PICTOU,

The reports of the Harbour Commissioners of Montreal and Quebee are synopses of the original reports which are published in pamphlet form for general distribution.

# MONTREAL HARBOU'R COMMISSION.

#### BOARD.

The personnel of the Montreal Harbour Commissioners Board for the year 1916 was the same as that for 1915, viz.: President, W. G. Ross, Esq., Farquhar Robertson, Esq., and A. E. Labelle, Esq.; Secretary-treasurer, Major David Seath; Chief Engineer, F. W. Cowie, Esq., M. Inst., C.E.

#### INCREASED TRAFFIC.

The remarkable growth of the traffic of the harbour of Montreal in the twenty-five years, from 1891 to 1916, may perhaps be best illustrated by a comparison with that of the port of Glasgow for the same period.

Glasgow.—Total receipts on revenue account, 1891, £354,580 (\$1,772,900). Total receipts on revenue account, 1916, £705,976 (\$3,529,880). Receipts about doubled in twenty-five years.

Montreal.—Total receipts on revenue account, 1891, \$263,965. Total receipts on revenue account, 1916, \$1,813,572. Increase in twenty-five years, nearly seven fold.

#### SEASON OF NAVIGATION, 1916.

The harbour was free of ice on Apirl 20, the water being exceptionally high. The first arrivals from lower river port were the Gaspesian and the Lady Grey on April 24. First vessel to arrive from sea was the Bayern, Captain C. Dominico, on May 1. The close of the season was marked by two weeks of fine, mild, and clear weather. The last vessel to depart for sea was the Ranney on the 11th December.

#### SHIPPING.

Statement showing the number, nationalities, and tonnage of sea-going vessels arriving in port during the season of 1916, navigated by 41,440 seamen:—

Nationality.	No. of Vessels.	Tonnage.
British	650	2,030,240
Italian	13	52,392
Norwegian	13	22,914
American		19,731
Danish		4,642
French	1	4,537
Total	698	2,134,456

Of the above, 665 were of iron or steel; tonnage, 2,130,535; and 33 of wood; tonnage, 3,921.

Of the total of sea-going vessels, 569 were transatlantic, totalling 1,965,161 tons; and 129 from the Maritime Provinces, tonnage 169,295.

The number of inland vessels that arrived in port during the season was 7,297, topping 3,558,572.

Grand total, 7,995 vessesla; tonnage, 5,693,325.

#### POLICE DEPARTMENT.

The harbour police force was organized in 1913 and consists of 3 officers and 42 men, uniformed and armed, who maintain order, protect life and property, and regulate traffic in that portion of the harbour of Montreal between the Lachine canal and Sutherland pier, a distance of  $3\frac{1}{2}$  miles. Their services are also frequently requisitioned by the various shipping companies during the season.

#### RAILWAY TRAFFIC DEPARTMENT.

During the year 1916, 234,439 cars were handled, as compared with 157,480 in 1915, an increase of 76,959 cars, by far the largest yearly increase in the history of the traffic. Over 30,000 cars of grain were handled in connection with the harbour elevators. Directly to and from the sheds, 51,576 cars were handled as compared with 43,096 in 1915. The necessary repairs to railway plant and equipment were effected in the commissioners' shops and locomotives altered to suit the necessities of transportation over an increased territory. A scheme for the electrification of the harbour railway terminals is still under consideration, but the commissioners taking the existing conditions into account, have decided to postpone the carrying out of this project until after the war.

The tracks of the Harbour Commissioners railway extend from the Victoria bridge to the outlet of the Lachine canal, and from McGill street to Longue pointe; the total mileage in 1915 was 44.92, and at the close of the season of 1916, 49.11 miles.

The main section of the harbour terminals lies between the foot of McGill street and the C. P. R., Place Viger terminals, and in this section are seventeen of the most important transit sheds in the harbour and the two Harbour Commissioners' grain elevators.

The business includes: (1) shunting to and from steamship berths in connection with the business of the railway company, (2) switching between the various railway companies, (3) handling freight between different points in the harbour, (4) local leading and delivery sidings, (5) switching for industries connected with the harbour railway.

#### MONTREAL WATER LEVEL COMMISSION.

A board of commissioners appointed on June 12, 1915, consisting of Mr. Eugene Haskell, Dean of the College of Civil Engineering, Cornell University, Mr. W. J. Stewart, Chief Hydrographer Department of the Naval Service, and Mr. F. W. Cowie, Chief Engineer, Harbour Commissioners of Montreal, carried on investigation during the season with a view of making a comprehensive report on the following matters relating to the navigation of the River St. Lawrence ship channel and Montreal harbour viz.:—Effect of past dredging in the ship channel; effect of past dredging in St. Mary current; effect of past dredging in the St. Lawrence river on the water level of the harbour; probable effect of the dredging now being done south of St. Helen island; probable effect of the proposed dredging in Montreal harbour; probable effect of any extension of the guard pier; probable effect of any increased diversion of water from the valley of the St. Lawrence and Great Lakes; probable effect of storage dams in the Ottawa river; the board may also make suggestions to lessen trouble from ice.

#### ENGINEERING DEPARTMENT.

The work of the engineering department comprises harbour construction, maintenance, and operation. The growth of the harbour, and the effort to keep pace with

the increasing commerce have resulted in the commission's acquiring a splendid construction plant, including dredging plant, tugs, derricks, and a shop for repairs, all being kept up to date and in first class working order.

The work carried on under the heads already given was as follows for the season

of 1916:

The improvement and extension of harbour railway terminals.

The continuation of the construction of new Victoria pier and Market basin.

The continuation of the construction of bulkhead high-level wharves on the river front, eastwards from Victoria pier.

General dredging for widening and deepening of basin and berths.

Dredging of channel for the amelioration of St. Mary current.

Paying and laying railway tracks on wharves.

The continuation, to completion, of improvements resulting in the floating dock basin and site for the Canadian Vickers' shipbuilding and repair yard.

The construction and improvement of harbour facilities, such as hoists, flood gates, bridges, subways and freight yards.

Additions and improvements to Harbour Commissioners' construction plant.

The completion of a second industrial wharf at Pointe-aux-Trembles.

The construction of a market wharf for Montreal East.

The completion of the construction of the west extension to grain elevator No. 1.

The acquisition of operating and railway plant.

Erection of a new office; additional chutes for bagging and new standpipe at elevator No. 1.

Erection of new offices in shed No. 7 for the better accommodation of the lessees.

Erection of coal bin, storage tank and sand dryer at locomotive shops.

Installation of an additional quick-acting flood-gate near the end of King Edward pier.

The maintenance of berths and channels, of wharves, sheds, buildings, roadways, water service, cleaning of wharves and general repairs were carried on as usual.

The operating of harbour facilities such as plant for the storage and handling of

grain, electric lighting and power services.

Operating the floating crane, electric hoists, and the construction and maintenance of industrial connections with the harbour were all carried on during the season with an even greater measure of success than usual.

#### GRAIN ELEVATOR SYSTEM.

The operation of the system for 1916 was marked by a change in the bulk of the grain receipts from marine to car delivery, and extensive operations for the shipping of oats in bags. Whereas in 1914, only 13 per cent of the grain received at the Harbour Commissioners' elevator arrived by ear, the proportion in 1916 was 75 per cent.

The number of ears of grain received during the season was 23,250, and 7,400 ears were loaded and shipped. The total number of bushels of grain handled by the harbour commissioners' elevator system during 1916 was 51,548,720, as against 37,317,367 in 1915.

#### FINANCIAL STATEMENT.

Receipts on revenue account amounted to \$1,813,872.94 for the year ended 31st December, 1916, an increase of \$432,254.16 over the previous year.

The cost of operation, maintenance, interest, etc., was \$1,770,382.67, leaving a balance to the credit of revenue account of \$36,490.27.

Disbursement on capital account amounted to \$799,346.80. A loan of \$1,237,918.31 was received from the Dominion Government on account of capital expenditure on improvement work.

#### GENERAL.

On September 27, 1916, in presence of a large and distinguished company, H.R.H. the Duke of Connaught officially opened the new Victoria pier.

Between the dates September 13 and September 15 inclusive, the American Association of Port Authorities met in Montreal, and held their meetings in the board room of the harbour commissioners' office.

On October 27, the Dominions Royal Commission Board, in session in Montreal to take evidence upon the natural resources of Canada and their development, made an inspection of the harbour.

# QUEBEC HARBOUR COMMISSION.

#### APPOINTMENT OF NEW BOARD.

On the resignation of Sir Wm. Price, president, and Messrs. A. S. Gravel and J. B. Letellier, commissioners, Mr. D. O. Lesperance of Quebec has been appointed president of the Quebec Habour Commission, and Messrs. A. S. Gravel, of Etchemin and D. H. Pennington of Quebec Commissioners.

Mr. Charles Smith, K.C., of Quebec, has been appointed secretary-treasurer of the Quebec Harbour Commission.

The new commissioners took the oath of office on June 26, 1916, and held their first meeting on the same day.

#### CHIEF ENGINEER'S REPORT.

The work of the quay wall on river St. Charles has been finished with the exception of 1,200 lineal feet of superstructure still to be built up to a height of 5 teet. Fenders and mooring posts have to be placed on the unfinished part of the frontage and the surface part of the quay has to be planked for a length of 2,850 feet.

Dredging of the basin and approach to the new quay wall to a depth of 35 feet l.w. has been completed, permitting use of the entire frontage, and 19 acres have been added to the surface area of the Louise embankment.

Plans are being prepared for erection on the new quay front of two fireproof landing sheds, one 1,000 feet by 104 feet, and the other 755 feet by 75 feet, in connection with these sheds "four-belt" grain galleries connect with the commissioners' elevator.

Considerable progress has been made in the construction of the 1,000 feet long shed and the grain galleries and the whole of the work will be completed next summer.

At Indian cove no new construction work was carried on, but some necessary repairs were made.

The Sillery quarry was not worked to full capacity during the past scason, only 5,959 cubic yards of stone having been taken out.

The floating grain elevator handled during the past season 108,068 bushels of grain.

Grain elevator No. 2 received 2,075,678 bushels and delivered 1,899,264 bushels of grain, of which 310,760 bushels were bagged in the elevator.

The 50-ton crane was returned by the Naval Department on June 3 last, since which date it has handled 10,450 tons of material into and out of vessels.

The following changes have been made in the commissioners' plant; tug and service boat *Laval* replaced by tug *Diver* and service boat *Courcelette*. Two gap lathes have been added to the plant as well as a cement gun and a Gantry cranc.

#### WHARFINGERS' REPORT.

The traffic making use of St. Charles docks and wharves during the season of 1916 was as follows: Inwards, 278 vessels, 737,328 tons register; outwards, 194 vessels, 637,167 tons register.

Damaged vessels using the dock during the season were the Arachne which having grounded at St. Pierre and Miquelon landed eargo grain at elevator No. 2 Louise docks, and went to Levis for repairs SS. Fremona having been ashore off south point of Anticosti island landed grain eargo at Louise docks and went to Levis for repairs.

The docks were occupied during the winter months by a large number of vessels of various tonnages.

#### HARBOUR MASTER'S REPORT.

The record of shipping arrivals for 1916 are as follows:-

	No. of Vessels.	Gross Ton
Coasting vessels from seawards	112	95,614
" Montreal and lake boats.	182	244,990
Ocean steamships inwards	151	944,161
" outwards from Montreal	147	796,493
	592	2,081,198

The unusually large amount of tonnage from Montreal is due to government shipments.

As compared to the season 1915, when the record was 552 ships, tonnage 1,891,813 there is an increase of 40 ships and 189,385 tons.

An agreement between the Quebec Harbour Commissioners and the city of Quebec provides for the supply of water to the Quebec Harbour Commissioners' buildings, immigration buildings, docks, and also to ocean vessels visiting the port, for the sum of \$5,000 per annum, for two years, beginning May 1, 1916.

#### REVENUE AND EXPENDITURE.

The revenue of the Quebec Harbour Commission for the calendar year 1916 was \$282,327.46, an increase over the preceding year of \$30,454.69; the expenditure for 1916 was \$288,474.38 leaving a deficit of \$6,146.92 in the year's operations.

#### GENERAL.

During the year 1916 the Quebec Harbour Commissioners have become members of the American Association of Port Authorities. This association, upon invitation of the commissioners, visited the docks and harbour on the 16th November, 1916.

The Dominion Royal Commissioners also visited the harbour on November 6, 1916, and were given all available information concerning the port, its berthing and landing facilities, etc.

#### TORONTO HARBOUR COMMISSION.

#### The Toronto Harbour Commissioners.

GESTIEMES.-I have the honour to submit my annual report for 1916.

The bay was clear of ice on the 3rd April, having been frozen over for 98 days. or 11 days shorter duration than in 1915.

The first vessel to arrive was the *Dalhousie City*, Captain Maddock, with passengers and cargo from Port Dalhousie, on the 4th April. The last vessel to arrive was the *Macassa*, Captain Henderson, with cargo from Hamilton, on the 22nd December. She is wintering here.

The highest water, as recorded on the commissioner's gauge, was 39½ inches above zero on the 30th June.

The lowest water was 5 below zero on the 2nd January.

The average for the year was 17.1 above zero, or 6 inches below last year.

The quantity of coal imported by vessel is as follows, viz:-

									Tons.
Anthracite	coal	 	. , .	 	 	 	 	 	 69,720
Bituminous									
									143,277

The total quantity of coal imported into Toronto by rail and vessel as per returns from Ottawa is as follows, viz:—

				Tons.
Anthracite	coal		 	 . 909,024
Bituminous	and screening	š,	 	 . 1,101,341
				2,010,365

Buoys.—The can buoys were placed round the Lighthouse point on the 29th April, and taken in on December 14. Harbour buoys were placed between Spadina and Bathurst streets on August 1, in connection with the harbour improvement plans, and were brought in on December 14.

Buoys were placed by instructions from the Harbour Board at the Long Branch rifle ranges on the 17th July, to mark the danger zone. All expenses connected with this work have been charged to the Department of Militia and Defence at Ottawa. These buoys were brought in on November 16.

Under instructions, twenty-five displacement buoys were placed off the exhibition sea wall on August 26, to mark the mined area, and were taken up September 19. All charges connected with this work have been defrayed by this department.

The gas buoys formerly used to mark the intake pipes were not put into position this year on account of safety considerations.

Lights.—Lamps at the Eastern channel were lighted for the first time on the 3rd April, and the lamps at the Western channel on the 1st April; both were discontinued on the 25th December.

During the gale on October 17 to October 20, can buoy No. 8 broke from its mooring at the extreme point of the island; this buoy was replaced on October 21. During the gale of November 22, it again broke loose, and was replaced on November 30.

During the October gale the deputy harbour master's motor-boat foundered and was lost.

The number of vessels arriving at this port this season is as follows, viz :-

	1915.	1916.	1915.	1916.	1916.
	Arrivals.	Tonnage	. Gi	oss.	Net.
Prop	, 349		456,537		214,909
Steam	. 1,890			2,498,134	
Sail	. 269	128	37,438	30,461	30,451
	2,508	2,378	2,68/2,923	2,884,209	1,592,746

Amounts of harbour dues collected during the season are as below, viz :-

Merchandlse	76,823 tons at 3 Cts. \$ 2,304 69
Coal	113,277 " 3 " 3,398 31
Horses, autos, etc	
	10,019 tolses at 5 " 500 95
Fruit, Bbls	4,930]
Bags	13,194
Crates	
Baskets	
	651 28
	\$ 6,957 23
	0.000.00
	ed\$6,957 23
	torage 1,108 70
Amount collected for berthing vessels.	642 93
M	0.000.00
Totals collected by Harbour Masters' I	Department \$ 8,708 86

The number of vessels wintering in this port this season is as follows, viz.:-

11 steam barges 10,574 tons	(registered).
9 passenger steamers	**
4 tow barges	41
20 Steam tugs	
11 Steam Terries	**
Dredges, derricks, scows, etc 1,600	14
Pleasure yachts	**
Total	**

The following is the report from Sir Frederick Stupart, Director of the Toronto Observatory, viz.:—

The first warning of the season for Toronto was issued on the 21st April, and the last on the 6th December.

Cautionary signals were displayed on ten occasions, and storm signals on four oceasions.

The heaviest general gale of the season was experienced on the 22nd November, when the wind guage at the Eastern gap recorded west 50 miles per hour. This gale was very successfully warned.

There were also fresh to heavy gales on the 9th May—cautionary signals were only displayed.

Cautionary signals ordered on the 21st April, 20th September, and 13th November were not justified by subsequent moderate gales.

The remainder issued were verified.

The season throughout was exceptionally free from stormy weather. From June 6 until late in October there were no gales, while in November only two storms were experienced and only one of these was heavy. This is quite exceptional for November.

The precipitation for the year is as follows, viz.:—

										Inches.
Rain			 	 25.27						
Snow reduced	to	water	 	 	 			 	 	 6.72
										29 0.0

In conclusion, I may say I have every reason to be satisfied with Deputy Harbour Master John M. Allen and my assistant, Walter T. Massie, whose zeal in the Commissioners' interest deserves all commendation.

I am, gentlemen, your obedient servant,

COLIN W. POSTLETHWAITE,

Harbour Master.

JOHN LEE, Esq.,

Secretary, Harbour Commissioners, Toronto, Ont.

DEAR SIR,—As per your request I herewith give you the changes that will take place in Toronto waters, for season 1917:—

Placed buoys off Gibraltar point for the future will bear as follows:-

One Spar Buoy painted red, Gibraltar Light bears, S. 62 degrees E.

Can	Buoy	No.	8.	Gibraltar	Light	bears,	N.73	degrees	Ŀ.	
44,		66	6	ÇG	""		N.25	ເລ	E.	
44		"	4	66	"		N.22	66	W.	
44		66	2	"	"		N.50	46	W.	

Mr. William P. Anderson, Chief Engineer, Department of Marine, Ottawa, has been given the above information and same will be marked on the new official chart, for the Great Lakes, now under way. This information was sent to the above Engineer on January 17, 1917.

Yours very truly,

J. M. ALLEN,

Deputy Harbour Master.

### VANCOUVER HARBOUR COMMISSION.

To the Hon. J. D. HAZEN, K.C., Minister of Marine and Fisheries, Ottawa, Ont.

SIR,—In compliance with section 36, chapter 54, 3-4 George V, the Harbour Commissioners herewith respectfully submit a report for the year ending 31st March, 1917, including a statement of all monies received and disbursed.

The year just closed will be memorable as marking the inauguration of two undertakings which are calculated to have a far-reaching and beneficial effect when the policies of which they are expressions will have developed in larger proportions.

### INDUSTRIAL SITES.

The first of the undertakings referred to is the provision of industrial sites on Granville island. When reporting to you last year, the reclamation of this area of about forty acres, then known as Granville Street mud flats, was within a few months of completion. Since then the work of carrying out improvements necessary to fit the island for actual occupation by industries has proceeded steadily; and in a few weeks a sewerage and water system, trackage and roads will be completed. The policy of the commissioners in this undertaking is to furnish, at low rentals on long-term leases, sites with every convenience with a view of attracting industries to the district.

The rentals to be charged for sites are compued at the rate of:-

\$1,500 per acre per annum with 20-ft water channel and trackage.

\$1,000 per acre per annum with 12-ft water channel and trackage.

\$ 800 per acre per annum with trackage only.

and it is gratifying to be able to state that industrial plants are already under construction on the island.

 $21 - 16\frac{1}{2}$ 

### GOVERNMENT WHARF.

The other undertaking referred to in the foregoing is the government wharf. This handsome concrete structure, 800 feet long by 300 feet wide, received its first ship on January 5 last, and between that date and 31st March, 16,124 tons of eargo were handled, almost the whole of which was discharged here for reshipment to United States destinations. The commissioners, considering that the function of public-owned wharves should be to reduce as far as possible the charges on goods passing through the port, for the encouragement of the importer and the benefit of the local consumer, have issued a tariff of rates, approved by Order in Council, in which the rate for wharfage on general merchandise is 50 per cent less than that prevailing heretofore.

On the principle also that facilities for loading and unloading with quick dispatch offer a strong attraction to shipping, arrangements have been made for the provision of such equipment of the most efficient character in the form of dynamic trucks. Incomotive crane, etc. Delivery of these appliances has been delayed by war conditions, and it will be probably 1st June before they are in operation but, even without them, the warehouse accommodation has proved insufficient, and when up-to-date facilities are installed the conditions are likely to by such as to make extensive additional shed space an urgent necessity.

The matters referred to in the foregoing paragraphs are the first practical expressions of principles which the commissioners believe to be essential to the sound commercial expansion of the port, namely—the fostering of industries and the public regulation and control of harbour facilities and charges.

In this connection, it is interesting to relate, that the Arbitration Board appointed to determine the value of the Kitsilano Indian reserve which the commissioners are seeking to acquire for terminal and industrial purposes made its award in January last. As the Boards finding has been appealed, however, further progress has been for the present delayed.

From the Customs returns for the year the classification of shipping entered inwards and outwards at this port is as follows:—

Foreign inwards, 1,520 vessels, Tonnage 2,014,859. Foreign outwards, 1,392 vessels, Tonnage 1,734,629. Coastwise inwards, 9,493 vessels, Tonnage 3,357,050. Coastwise outwards, 9,793 vessels, Tonnage 3,629,551.

On all their construction work the commisioners have been employing returned soldiers almost exclusively and their services have been very satisfactory.

F. CARTER COTTON,

President.

JAS. A. FULLERTON,

S. McCLAY,

Commissioners.

# SUMMARKED Statement of Operations for the Year ended 31st March, 1917.

SESSIONAL PAPER No. 21

	& cts.	50,804 15	3,598 30	54,402 45		242,835 86 21,960 00	35,204 14	300,000 00	354,402,45	N1LSON, Auditors.
DISBURSEMENTS.	Wharf—Structural alterations, additions, etc		Total eash and accounts receivable. 9,270 17 Less—Accounts payable as at 31st March, 1917 5,671 87 Balance forward	Total	DISBURSEMENTS ON CAPITAL ACCOUNT.	Granville Street Tide Plats—Development work in connection with reclamation scheme. Discount on sale of debendures. Balance on capital as at 31st March, 1917———————————————————————————————————	Balance forward.	Total		Certified correct, WILSON & WILSON, Auditors.
	o cts.	50,659 88 B	3,742 57	54,402,45		300,000 00 1 B		300,000 00	354, 402 45	i i
REVENUE.	\$ cts. 30,661 89 cc of buoys, etc. 30,661 89 11,478 47 2,790 53 2,00 645 45 46 45 46 45 46 45 46	<del>                                   </del>	363 86		PTS ON CAPITAL ACCOUNT.	0 each, with interest at 5 per cent				W. D. HARVIE, Secretary.
	Harbour dues.  Port Warden's fees, maintenance of buoys, etc. Rentals of waterfors, etc. Wharfage and storage (Trown grant. Sundry receipts.	Add— Beyenue for year  Balance—eash in bank and accounts receivable as at 31st March, 1916 Less—Accounts payable as at 31st March, 1916, since	paid	Total revenue	RECEIPTS	Issue of 600 debenture bonds at \$50 maturing August, 1921		Total capital		Vancouver, B.C., 26th April, 1917.

8 GEORGE V, A. 1918

### THREE RIVERS HARBOUR COMMISSION.

Hon J. D. HAZEN,

Minister of Marine and Fisheries, Ottawa, Ont.

SIR,—I have the honour to transmit the statement of operations of the Harbour Commissioners of Three Rivers, for the year terminating the 31st December, 1916.

This statement shows a considerable depression in the commerce of our harbour, as also a great deficit in its business.

There was unloaded on our wharves but one-third of the coal and china clay which was brought there the previous year, and the cast-iron which was used in our workshops did not come through our harbour.

The money which the commissioners had in the bank, and which yielded nearly \$700 per annum, was expended in repairing our wharves which had already deteriorated.

All this explains the deficit in the year just ended.

However, if our harbour has not been frequented as usual it was not for lack of business and commerce, for never have the classes of our city been busier.

The Wayagamak Pulp and Paper Company, the Grès Fall Company, and the Canada Iron Corporation have been obliged to considerably increase their workshops.

The foundation of a steel plant has just been laid and the equipment of a boot factory is being completed; also a shell factory, which will be in operation in a few weeks.

At Grand Mère, the dam of the St. Maurice has been completed and its level can be raised to 30 feet, which will allow of enormous new electrical power, and facilitate navigation up to La Tuque.

During the present year, the population of the town of La Tuque increased by 2,000 souls, and several new industries are in full operation there.

Such elements of progress which are now in action cannot but have some effect on our harbour.

That is why the commissioners, hoping that the war is drawing to a close, that the freedom of the seas will be established, and that the boats employed for transportation of munitions of war will be returned to commerce, look towards the future with confidence and believe that the harbour of Three Rivers will rapidly develop.

I have the honour to be, your obedient servant,

ALFRED DESILETS,

Secretary.

STATEMENT of number and tonnage of steamers and other vessels reported inward and outward of the port of Three Rivers, for the year 1916.

			t						
OCEAN TRAFFIC—RETURN OF VE	ssels I	NWARD.	OCEAN TRAFFIC-RETURN OF VES	ssels O	UTWARD.				
Nationality.	No.	Tons.	Cleared for	No.	Tons.				
British	32	64,748 4,434	Inland portsGreat Britain	14 20	25,722 43,460				
	34	69, 18'		34	69,182				
United States Trai	FFIC.		Inland Traffic.						
Canal boats	223 14	22,706 1,793	Schooners and barges Tugs and steamboats	191 618	25, 251 854, 565				
	237	24,499		809	879,816				
	•	Recapiti	ulation.						
Ocean traffic				34 237 809	69, 182 24, 499 879, 816				
Grand total				1,080	973, 497				

### MERCHANDISE.

Inward.	Outward.
China clay       1, 1         Sulphur       6, 4         Sand       1, 716, 0         Bricks       1,716, 0         Cordwood       6         Sleepers, R. R       4, 2         Apples       3, 2         Shingles       550, 0	tons         Pulpwood         10,048 cords           tons         Sand         18,000 tons           tons         Cement         900 tons           tons         Coal         154 tons           Stone         50 tons           Laths         2,011,000 feet

1915.

### 8 GEORGE V, A. 1918

### RECEIPTS AND DISBURSEMENTS FOR THE YEAR 1917.

Receipts.	Disbursements.						
Tonnage dues	Current expenses   266 69     Salaries and commission   4,080 80     Printing and stationery   69 80     Repairs and general harbour expenses   1,154 96     Interest on debentures   9,525 00     Total expenses on revenue   15,097 25     Deposits in bank, and cash on hand,						
	31st December, 1916						
Grand total 15,677 Three Rivers, January 17, 1917.	15,677 75						

### ALFRED DESILETS.

Secretary-Treasurer.

### REPORT OF BELLEVILLE HARBOUR COMMISSIONERS,

Belleville, Ont., March 22, 1917.

### HARBOUR MASTER'S REPORT.

Imports—  17,655 tons of coal	\$ 1,821	00
Exports—  956 tons of merchandise. \$ 95 60  1,021 tons of cheese. 102 10	197	7-0
	\$ 2,018	70

### GEO, DULMAGE,

Harbour Master.

										3	2,199	7.0	\$ 2.199	7.0
.,,,	C1111/C1	By	sinking balance	fund									646	19
			Harbou										6.0.0	0.0
			Interest										600	0.0
Mag	y*	31-By	interest	on	draf	ι							0	5.0
	7.0	17-By	Commi	Reione	rs ex	men:	es to	011	awa				25	0.0
Feb	ruary	3-By	Auditor	s fee	8								\$ 5	0.2
										\$	2,199	70		
1760	-mnet	T there									2401	26		
	ember										221			
	omber		**								298			
	ober										162			
	tember		41								200			
	ust		44								489	8.0		
July		20-	4.0								472	9.0		
Jun	e	13-To	harbour	dues							156	2.0		
	1916.													
Dec	ember	31—To	balance	in	bank.	, as	per	- boo	)K.,	- \$	198	25		

### STATEMENT of Sinking Fund to December 31, 1917.

To	credit of	sinking	fund as	Der	statement	rendered	December	
	31, 1915.							\$ 6,385 25
To	deposit							615 19
To	interest to	date.,						193 10
								0 7 000 54

The above is a correct statement of the sinking fund to December 31, 1916.

B. L. HYMAN.

Chairman.

### PICTOU HARBOR COMMISSIONERS' REPORT.

~		, a	TT - 1 -	D	£	+ho	72.00 Y	anding	31st	December,	1916.
STA	TEMENT	of	Harbour	Dues	for	the	year	ending	0180	December,	1010.

Balance in bank, December Collections for year 1916	31,	1915	 		\$ 100 00 556 21
				_	
					\$ 656 21

### DISBURSEMENTS for 1916.

Paid Harbour Master	 	 	 	 	 	\$ 200 356	0.0
Paid Harbour Commissioners	 	 	 	 	 • •	000	
Balance on hand	 	 	 	 	 	100	0.0
250,000					_		
						\$ 656	21

E. & O. E.

### R. P. FRASER,

Collector of Customs.

Pictou Harbour Commissioners' Account for year ending December 31, 1916.

1915. December May  " June September  " " " October  " " " 1916. December " "	30, 19, 26, 27, 16, 8, 9, 16, 16, 16, 16, 16, 16, 30, 30, 30, 30,	By cash To paid  " " " " " " " " " " " " " " " " " "	Balance	_	6 13 28 35 15 15 10 11 41 118 140 53 777 2855 4	00 00 00 50 00 775 00 00 00 25 00 00 73 777 61 50 00 00 00 75 50 00 775 00 00 00 00 00 00 00 00 00 00 00 00 00
			By balance	_		

Pictor, N.S., December 31, 1916.

### APPENDIX No. 14.

### PORT WARDENS REPORTS FOR THE YEAR ENDING DECEMBER 31, 1916.

Returns of fees collected were received from fifteen port wardens during the year, eight from Nova Scotia, one from New Brunswick, two from Quebec, and four from British Columbia.

The total amount of fees collected from port wardens for surveys of hulls, hatches, and eargoes, and for granting certificates of seaworthiness was \$31,299.90.

The fees range from \$8 to \$20, according to the time and assistants employed in the survey.

The return of the port warden of Vancouver, B.C., is for the fiscal year 1916-17, ending on March 31, 1917, that of the port warden of Halifax is an approximate return, the records of the office having been destroyed by a fire which occurred on December 2, 1916.

List of Port Wardens who made returns and amounts of fees collected.

Port.	Port Warden.	Fees collected.
Chatham, N.B	M. A. Coggin	. \$ 90 00
Hallfax, N.S		
Louisburg, N.S	D. J. Matheson	. 776 00
Montreal, P.Q	Archibald Reid	. 21,122 40
Nanaimo and Departure Bay, B.C		
Pictou, N.S		
Port Hawkesbury, N.S		
Prince Rupert, B.C		
Quebec, P.Q		
Sydney, N.S		
North Sydney, N.S		
Vancouver, B.C	S. Cullington	4,321 00
Victoria and Esquimalt, B.C		
Westport, N.S		
Yarmouth, N.S	R. M. Ferguson	. 84 50

### REPORT OF THE PORT WARDEN OF MONTREAL.

MONTREAL, January S, 1917.

\$ 31,299 90

Deputy Minister of Marine, Ottawa,

Sir,—I have the honour by direction of the council of this Board, and in compliance with section 31 of the Act governing the port warden office, 45 Vic., chap. 45, to transmit herewith documents as follows:—

1. Port Warden annual report for the year 1916.

2. Audited statement of receipts and expenditures of the port warden office for the year ending December 31, 1916.

3. Statement of investments of port warden surplus funds.

GEO. HADRILL,

Secretary.

Ene.

OFFICE OF THE PORT WARDEN.

MONTREAL, December 30, 1916.

### To the President and Council

of the Montreal Board of Trade.

GENTLEMEN,—I have the honour to submit the annual report of the business of the port warden's office with the statement of the exports, receipts and expenditure for the year 1916.

April 19, 1916: The business of the port for the season of navigation 1916, opened with the loading of the schooners *Hon. H. Langevin, Grace Darling*, and *N. W. White* these vessels had wintered in the harbour.

April 20, 1916: Ice still holding at Sorel, the steamers Lady Grey and Montcalm still working below that place.

April 21, 1916: The Marine and Fisheries Department commenced to lay the spar buoys.

April 24, 1916: River clear of ice, ss. Gaspesian arrived from Quebec.

The icebreaking steamers claim to have kept the river open and clear of ice as high as Three Rivers the past winter.

May 1, 1916: The first ocean steamer to arrive was the Italian ss. Bayern from Genoa.

June 9, 1916: The ss. Portreath reported passing through the straits of Belle Isle. (This is unusually early.) She arrived here on the 13th June.

Since that time, owing to the war conditions, reports of vessels have not been made with any regularity.

It is reported the Australian Government now own and employ a fleet of thirty-five eargo steamers, some of which have visited this port this season.

The building of steel vessels at this port has been inaugurated this year, and in order to facilitate the construction and classification of these vessels, an exclusive surveyor for Lloyds Register of shipping has been appointed for this district.

I have to record the following disasters this season in the gulf and river St. Lawrence:—

June 19, 1916: The ss. Arachne, Sargeut, master, went ashore in fog on Little Miquelon island; was floated, returned to Quebec, repaired, and proceeded on her voyage.

July 9, 1916: The Italian ss. Moltke ran ashore below Father point, was floated and proceeded.

July 24, 1916: The ss. English Monarch, Potter, master, struck Bird rocks, continued to Sydney, C.B., leaking, and returned to Montreal for repairs.

July 27, 1916: The ss. Middleham Castle, Kelly, master, struck near Matane on westbound voyage; damage slight, repaired here.

July 31, 1916: The ss. Fremona, Melling, master, ran ashore off south point of Anticosti in dense fog; was floated, returned to Quebec for repairs, reloaded and proceeded on her voyage.

August 11, 1916: The ss. Baytigern, Wilson, master, grounded in the river near buoy 188M.; floated, returned to the wharf, surveyed, and proceeded.

August 29, 1916: The ss. White Sea, Stephens, master, stranded at St. Mary bay, N.F.; total wreck.

September 25, 1916: The ss. Kalibia, J. Stewart, master, grounded off Fame point on westbound voyage; temporary repairs made here, sent to New York for permanent repairs.

November 21, 1916: The ss. Jason, W. Duncan, master, grounded off Vickers' dock; lightered, floated, returned to wharf, was surveyed, reloaded and proceeded.

8 GEORGE V, A. 1918

There has been a general scarcity of tonnage in the St. Lawrence this season, overseas and coastwise service have alike suffered; the ocean tonnage has been materially increased by 11.M. transports, of which there were 160 sailings, and the Hudson's Bay Company's foreign service, of which there were 63 sailings.

A number of lake vessels have been transferred to the ocean trade this season.

The last regular steamship to sail hence was the ss. Manchester Shipper, which sailed at 6.40 a.m. on the 1st December, followed by the Norwegian steamship Begna with full cargo of wheat for the Belgian Relief, on the 3rd December.

The water in the ship channel averaged better this year than last, the lowest water this year was 29' 7" as against 28' 9" last year.

December 8, 1916: The Department of Marine and Fisheries completed lifting the buoys.

This has been a fine fall, there being very little ice in the harbour on the 12th December.

A total of 558 foreign-going steamships reported at this office this season, with a tonnage of 1,926,929 tons, against 489 vessels of 1,662,686 tons last season, an increase of 69 vessels and 264,243 tons.

The business to the lower ports this season consisted of: Entered 131 vessels of all classes with a tonnage of 175,994 tons, against 321 vessels of all classes with a tonnage of 591,529 tons, a decrease of 190 vessels and 415,535 tons this season.

Clearances of vessels loaded for the lower ports this season were 72 vessels of all classes with a tonnage of 37,074 tons, against 67 vessels of all classes with a tonnage of 49,055 tons, an increase of 5 vessels and a decrease of 11,981 tons this season.

By notice from the Customs Department, manifests of transport vessels loading at this port were not lodged at this office till the expiry of thirty days after the departure of the vessel.

The shipments of various kinds for the past season, manifested and filled at this office up to the 15th December, as per attached statements, leaving thirteen outstanding manifests.

ARCHIBALD REID,

Port Warden.

Comparative Statement of Shipments 1915 and 1916 as per manifests reported at the Port Warden's Office to 15th December.

Description.		1916.	1915.	1916.		
Description.		1010.	1318.	Increase.	Decrease.	
Wheat Peas Barley Onts Corn Flaxseed Rye	Bush.	34,602,345 34,469 4,137,186 24,252,649 4,878,849 1,950 603,055	34,025,099 29,199 1,377,441 7,637,209 166,374 1,926	577, 246 5, 270 5, 759, 745 16, 615, 440 4, 712, 475 24 603, 055		
Total increase for 1916		68,510,503 43,237,248 25,273,255	43,237,248	25, 273, 255		
Flour and meal Ashes. Apples Cheese Butter Eggs Boxmeats Lard Dressed meats. Pulp Paper Sundries Hay Oileake Minerals Dried grains	Bbls.  Boxes  Grant Gran	2,575,783 68,166 2,153,162 180,166 375,520 702,147 323,622 124,940 15,608 23,100 554,203 81,646 10,430 26,485 48	976, 752 418 94, 328 1, 853, 006 54, 663 285, 483 999, 696 413, 609 87, 639 6, 548 17, 042 325, 170 107, 766 9, 907 16, 964	300, 156 125, 503 90, 037 37, 301 9, 060 6, 058 229, 033 9, 523 9, 521 48	16- 26, 16: 297, 546 89, 987 26, 120	
Lumber Ft. Bb. Cattle . Horses and mules	Meas. Head	95,978,013 33,032	98, 121, 264 12, 386 68, 777		2,143,25 12,38 35,74	

### Statement of Oversea or Foreign-going vessels.

Description.	1916.	1915.		
Steamers	No Tons. 558 1,926,929	No. Tons. 489 1,662,686		

Increase of 69 vessels and 264,243 tons.

### Statement of Lower Port Arrivals.

Description.	1	916.		1915.
Steamers Sailing vessels	No. 103 28 131	Tons. 173, 247 2, 747 175, 994	No. 305 16 321	Tons. 590,094 1,435 591,529

Decrease of 190 vessels and 415,535 tons.

8 GEORGE V, A. 1918

### Clearances for Lower Ports.

Description.	1	916.	1	915.
SteamersSailing vessels	No 51 21	Tons. 34,965 2,109	No. 58 9	Tons. 48, 220 826
	72	37,074	67	49,055
increase of 5 vessels and decrease of 11,981 tons.				
Revenue, 1916				21,122 40 15,523 63
Increase			\$	5,598 77

1916.
December,
31st
ending
'ear
the 3
for
Expenditure
and
Receipts
of
STATEMENT

	\$12	888888888	Treasurer, Board of Trade Invest- ment Canadian War Loan, 86,000  Outstanding accounts, 1916  Balance cash in bank  Balance cash in bank  Sol,529 75  Sol,560 69	\$ 41,412.57	Audited and found correct, ALF. W. HADRILL, Auditor.
	216 38	409 68	16, 434 22 367 50 479 80 142 00 2, 911 00 157 00 5, 609 08 5, 609 08 5, 845 51	\$ 41,412 57	E. & O. E.
DK.	1915.  Dec 31 To balance eash in hand\$  1916 balance eash in bank	Dec.30 Revenue derived from 30 days outstanding manifests, 1915.  1,635,012 bushels oats, 6,631 tons hay, = 56,000 bbf. flour and meal. 20,484 tons sundries. "Revenue derived as under 1916— 34,602,345 bushels wheat, 34,469 bushels wheat,	ins, ins, incal, incal, incal, incal, incal, incal, incal, incal, incar, incress on invest-	1917 Ian. 2 To balance \$ 20	ARCHIBALD REID,  Port Warden.

Statement of the Investments of the Surplus Funds of the Port Warden Office at Monreal and of Interests Accruing therefrom for the Statement of the Interests Accruing therefrom for the

88 98	300 00	100 00	450 00	220 00	450 06 222 74 2,800 00	\$5,621.70
electricd \$ 2,300 00 at 3½ per namum for 86 days 20, 1721.	$\sigma_{\rm c}$ 000 at $V_{\rm c}$ per minum for 12 months. 10,000 at $4^{\circ}_{\rm c}$ per annum for 12 months.	4,000 at 4% per amon for 12 months.	7,000 at 6% per annum for 12 months.	10,060 at 5½ per mann for 12 months.	10,000 at 4\% per annum for 12 months 6,000 at 5\% per annum for 271 days 70,000 at 4\% per annum for 12 months.	Total interest
2,300 00 1	ad 10,000 at 4	4,000 at 4			6,000 at 4 5,000 at 5 70,000 at 4	\$132,000
<ol> <li>1880—Expended \$2,380 34 in purchase of Dominion Government Stock, re March 27, 1916</li> <li>1884 Expended 5,031 34 in purchase of City of Montreal Bonds, Nos. 17 1730 1730 1730 1730 1730 1730 1730 1730</li></ol>	14, 185 - Expended 10, 320	23, 1907—Expended 16,000	<ol> <li>30, 1949 Expended 10,435 b) in purchase of Dominion Cotton Bonds.</li> <li>25, 1943—Expended 10,436 16 in purchase of Tran Debentures of the School Trustees for the Municipality of the Town of Outremont.</li> </ol>	19, 1915-Expended 9,485 62 in	<ol> <li>4, 1916—Expended 5,857 50 in purchase of Canadian War Loan Loans to Montreal Board of Trade Building Fund</li> </ol>	Total investments
Feb.	Mar	lin l	Aux	Oct.	April	

PHHJIP D. GORĐON,
Treasurer Montreal Board of Trade.
GEO. HADRILL,
Secretary Montreal Board of Trade.

### APPENDIX No. 15.

### REPORTS OF SUBSIDIZED WRECKING COMPANIES.

SALVAGE SERVICES RENDERED BY THE QUEBEC SALVAGE AND WRECKING COMPANY FROM THE 31st MARCH, 1916, TO 31st MARCH, 1917.

June 15.—British steamer *Haulwen*; this steamer struck the bottom on the way from Montreal to Quebec. Our diver examined the entire bottom, stern frame, rudder and propeller while this steamer was lying affoat at pier 27, Quebec, after which seaworthy certificate was granted by port warden and Lloyds.

July 10.—Our diver cleared the suction pipes for the Lévis water works.

July 20.—British steamer *Hochelaga*; stopped leak and made temporary repairs in starboard bilge No. 1 hold. Damage sustained by striking bottom in order to avoid serious collision with the ss. *Etoile*.

July 24 to September 5.—British transport steamer Matatua; went to assistance of this steamer which was stranded in St. Mary bay, Newfoundland, loaded with 5,100,000 feet of lumber, placed pumps on board, discharged about 3,000,000 feet of lumber, pumped her out and towed her off the beach and proceeded under tow with her to St. Mary harbour, where our diver stopped most of the leaks through her bottom, after which this steamer proceeded under her own steam, accompanied by the ss. Lord Strathcona to Halifax.

August 1 to September 15.—British transport steamer Fremona; went to the assistance of this steamer which was stranded about two miles west of South point, Anticosti. Found all compartments full of water; made temporary repairs, pumped her out, refloated her and brought her to Quebec and attended her while discharging and up to the time she was placed in the dry dock at Lévis.

September 8.—Belgium transport steamer Indutionare; this steamer stranded on White Horse rock off Magdalen islands with full cargo of lumber; all compartments full of water. A heavy gale swept her off the rock, but steamer floated on her cargo with her after deck six inches submerged; in this condition we towed her from off Magdalen islands to Port Hawkesbury, strait of Canso, where we beached her in shallow water.

September 25 to 30.—British transport steamer Kalibia; went to the assistance of this steamer which was stranded off Fox River, about 12 miles southeast of Fame point. By discharging her bunker coal and application of compressed air to her tanks and assistance of the ss. Lord Strathcona for towing, the steamer was refloated and brought to Montreal under compressed air.

October 16.—Our diver cleared the suction pipes for the Lévis water works.

November 9 to 13.—Canadian steamer Queen; went to the assistance of this steamer which was strauded and rested on her side on the beach off the wharf at St. Catherines bay; made necessary arrangement, pumped her out, towed her off, and brought her to Quebec.

November 19 and 20.—British transport steamer Saint Winifred; went to the assistance of this steamer which grounded off Champlain, below Three Rivers; towed her off and accompanied her to Quebec, where our diver examined the entire bottom, stern frame, rudder and propeller, but found no damage.

8 GEORGE V, A. 1918

December 6 to 24.—Italian transport steamer Algier; went to the assistance of this steamer which was lying at anchor at Gaspé with damaged machinery, and towed her to Halifax.

The ss. Lord Strathcona, schooner G.T.D. properly manned and all other salvage gear has been kept in commission during the season of navigation to proceed to any accidents or mishaps to ships at very short notice.

Haakon Kjerland, Superintendent,

Levis, May 12, 1917.

REPORT OF SALVAGE OPERATIONS OF THE BRITISH COLUMBIA SALVAGE COMPANY, LIMITED. FOR THE YEAR ENDING MARCH 31, 1917.

June 25 to October 23, 1916.—To salving ss. Bear, ashore at cape Mendicino, California.

September 9 to September 10, 1917.—To salving ss. Queen City, on fire, Victoria harbour,

September 15 to September 30, 1915.—To salving ss. Congress, on fire, Coos bay, Oregon.

January 12 to January 13, 1917.—To salving ss. Stanley Dollar, stranded on Heron rock, Active pass.

January 26 to February 5, 1917.—To salving ss. *Prince John*, ashore Wrangwell narrows, Alaska.

February 7 to February 9, 1917.—To salving ss. *Princess Patricia*, stranded on Siwash rock, Vancouver, B.C.

March 23 to March 31, 1917.—To salving ss. Prince Rupert, ashore on Genn island, near Prince Rupert.

### APPENDIX No. 16.

### LIVE-STOCK SHIPMENTS.

List of live stock shipped from May, 1916, to November, 1916, to ports in Great Britain and France.

### MONTREAL.

Months.	Sheep.	Horses.	Cattle.	Mules.
1916. lay une uly. ugust. september october November		29 1,220 2,193 2,921 2,862 1,633 1,440		1,585 719 219 20 1,047 34 271
•		12,298		3,895

Comparative Statement of Live Stock shipped from Canada to British ports from the years 1904-5 to 1916-17. Shipments to France as well in 1914-15, 1915-16, and 1916-17.

	Sheep.			Cattle. H		Horses.		Totals.				
	Mont- real.	St. John.	Hali- fax.	Mont- real.	St. John.	Hali- fax.	Mont- real.	St. John.	Hali- fax.	Sheep.	Cattle.	Horses.
1916-17. 1915-16. 1914-15. 1913-14. 1912-13. 1911-12. 1910-11. 1909-10.	Nil. 145 296 178 3,725 248 1,616	1,798 2,508	Nil	Nil. 12,426 25 512 6,469 45,866 72,555 94,314	3,301	Nil.	12,298 12,803 1,328 134 175 138 497 286	Nil. " " " 14 19 Nil.	Nil	Nil.  145 296 178 5,523 2,756 1,616	Nil. 12,426 25 512 6,469 47,967 75,856 98,946	12, 298 12, 803 1,328 132 175 154 516 286
1908-09 1907-8 1906-7 1905-6.	10, 111 11, 585 10, 791 19, 077 49, 422	151 4,169 1,371 3,971	66	99,830 96,977 128,160 126,871	22,923	3,097 Nil. 1,042 745	- 116 - 174 - 661 - 568	65 51 57 79 213	44	10, 262 15, 753 12, 162 23, 048 66, 715	125,850 127,187 159,308 161,456 143,131	181 225 718

<sup>\*</sup>In year 1916-17 3,895 mules shipped from Montreal.

### APPENDIX No. 17.

STATEMENT showing the result of returns of shipping and discharging of seamen, received by the Department of Marine and Fisheries, in accordance with the provisions of Chapter 113, "An Act respecting Shipping in Canada," from Shipping Masters throughout the Dominion, for the year ending December 31, 1916.

Note.—The Collector of Customs acts as Shipping Master where no other Shipping Master is appointed Where name of Shipping Master is given and no figures shown, returns were made, but where no Shipping Master's name is given no returns have been made.

### QUEBEC.

Name of Port.	Name of County.	Name of Shipping Master.	Seamen. Shipped.	Seamen Dis- charged.	Amount.
Chandler Escoumains Gaspe Grand Pabos *Montreal Magdalen Islands Paspebine Quebec Rimouski St. Johns Three Rivers	Gaspe Saguenay Gaspe Gaspe Hochelaga Gaspe Gaspe Gaspe Gaspe Gaspe Quebec. Rimouski. St. Johns Three Rivers	R. S. White Camille Delaney E. W. LeGallais Phil. LaBoutellier F. Beland W. D. Fisher	5,363 6 722	4, 260 4 2 280	\$ ets 3,861 40 1 20 3 60 445 10 26 10
			6, 136	1,558	4,337 40

\*601 men shipped at 40 cts. Fines \$199, desertions, \$57-included.

### NEW BRUNSWICK.

Albert	Albert	11 W. Crocker			
Alma	Albert				
Amherst	Cumberland				
Baie Verte	Cumberland				
Bathurst	Glouvester	C. J. Melanson			
Hear River.	Digby				
Chatham	Northumberland	R. J. Wnlls	35	31	26.80
Dalhou ie .	Restigouche	Geo Haddew			
Dorehester	We tmoreland	W. D. Wilbur	D D	7	5.10
1 rederiction	We tmordand				
Gran I Harbour	Charlette				
Harvey .	Albert				
Hillshorough	Albert	II J. Steeves		1	1.20
Lepresu	Charlotte				
Musquah	>t John				
New Brandon	Connector				
Newchatle	Northumberland				
Qunco .	St. John				
Riverport	Lunenleurg				
Riverside	Albert				
Rockport	We imoreland	71. 11. 61.		3	() 90)
Sackville	Westmoreland	T. W. George			
St. Andrew .	Churlotte	******		1.6	

STATEMENT showing the result of returns of shipping and discharging of seamen received by the Department of Marine and Fisheries, etc.-Continued.

### NEW BRUNSWICK-Concluded.

Name of Port.	Name of County.	Name of Shipping Muster.	Scamen Shipped.	Seamen Dis- charged.	Amount.
					\$ ets.
St. JohnShediac	St. John	H. W. Purdy	Ī, 135	430	701 50
St. Stephen St. Martius St. George	Westmoreland Gloucester Charlotte St. John Charlotte	R. Allan Love Geo. A. Craig	40	20	25 00 2 10
			1,219	497	762 60

### NOVA SCOTIA.

Advocate Harhour	Cumberland	E. C. Moore	9	7	6.00
Amherst	. Cumberland	B. W. Balser		3	0.90
Annapolis	. Annapolis	Thomas M. Buckles	29	29	23 20
Antigonish	. Antigonish	W. C. Chisholm			
Apple River	Cumberland		13	11	9.80
Arichat	Richmond	. C. E. Herbin	10.	. 1	5 30
Baddeck	Victoria			1.	
Barrington	Shelburne	W. W. Gray			
Barton		F. W. Hutchison	53	40	38 50
Bayfield	. Antigonish	W. H. Strople			
Belliveau Cove	Digby		20	17	15 IC
Bear Harbour	Halifax				
Beaver River	Digby		42	24	28 10
Bridgewater	Lunenburg	A. C. Owen	64	30	41.00
Canning			6	2	3 60
Canso	Guysborough	. P. C. Cullen	42	31	30 30
***Church Point			10	13	17 90
Clark Harhour			3	2	2 10
Clementsport			34	25	24 50
Cheverie	Hants		12	3	6.90
Descousse	Richmond	Felix Landry	1	9	
Digby			27	271	21 60
Glace Bay	Cape Breton		-	- 0	= 1 00
Guvsborough	Guysborough				
Hillshorough	Albert	H. J. Stevens	6	5	4 50
Hawkesbury	. Inverness		3	ă	2 40
Halifax	Halifax		3,949	3,541	3.036 80
Hastings			0,010	0,011	0,000
Hantsport	Hauts		7	6	5 30
Havre Bouche.	Annapolis		•	0	0 00
Isaac Harbour	Guysborough				
Iordan Bay	Shelburne	E. Lyle Martin			
Lahave	Lunenburg		25	46	41 38
Liscomb	Guysborough	Wm. Hemlon	11	5	7 00
Liverpool	Queens	Elizabeth Hemeon	87	13	47 40
r r	79 99	J. R. Ruggles	10	10	5.00
Lockeport Londonderry	Colchester	J. A. Blackie	10	U	a) 00
Lunenburg.			607	502	604 10
	Lunenburg		429	10 10 111	337 20
Louisburg Lepreau	Cape Breton		429	409	357 20
	. Charlotte	J. E. Haggerty	54	56	58.80
**Mahone Bay	Lunenburg	Jacob Rhuland	94	56	58 80
Mainadieu.	Cape Breton	A. McDougall		3.	
Maitland Margaretville	Hants	Rankon McDougall.	- 1	3	4 40

<sup>\*\*\*</sup>Bills of Health, \$9. \*60 fishing crews at \$2.50 each. †\$15 received from fishermen. \*\*6 fishing crews pay \$15.

Statement showing the result of returns of shipping and discharging of seamen received by the Department of Marine and Fisheries, etc.—Continued.

NOVA SCOTIA-Concluded.

		O I I I COMEMBER			
Name of Port.	Name of County.	Name of Shipping Master.	Seamen Shipped.	Seamen Dis- charged.	Amount,
Margaree	Inverness				\$ ets.
Merigomish.	Pictou				
Meteghan	Digby	L. T. Melanson.	10	9	7 70
New Gampbellton Northeast Harbour.	Victoria	W. R. McKinnon G. B. Swaine.			
North Sydney	Cape Breton	M. J. Ross	851	501	577 30
Parrshoro	Cumberland .	E. Woodworth	181	128	128 90
Pictou.	Pictou	A. D. Patterson	59	50.	
Port Greville.	Cumberland	G. A. Pettis	56	51	43 30
Port Hawkesbury	Inverness				
Port Hastings Port Hood	Inverness.	Geo. L. McLean	6	3	3 90
Port Lorne	Inverness.	Ed. D. Tremain.			
Port Mulgrave	Guysborough.	M. J. Keating	53	38	37 90
Port Latour	Shelburne	Benj. R. Smith .			
Port Medway.	Queens.	T. Sabean	S	5	5 50
Port Morien.	Cape Breton	N			
Port Williams . Port Wade	Kings	J. R. Starr		2	0.60
Pubnico	Annapolis Yarmouth	J. L. Belliveau	10	0,	5 00
Pugwash	Cumberland	R. McLatchy	10	U	5 00
River Hebert	Cumberland	J. F. Moffat	7	1	3.80
*Riverport	Lunenburg	Stephen Ritcey	29	35	47 50
St. Anns.	Victoria	D. McAuley			
St. Peters.	Richmond	W. A Morrison			48.00
Salmon River Sheet Harbour	Digby Halifax	F. P. Deveau O. P. Fraser	18	21	15 30
Shelburne	Shelburne	W. W. Atwood	61	13	34 40
Sherbrooke	Guysborough		0,	19	04 40
Spencer Island	Cumberland.	Geo. D. Spicer.	9	11	7.80
Sydney	Sydney	Mal. McKinnon	644	523	478 90
Thorne Cove	Annapolis				
Truro . Tatamagouche	Colchester Colchester	Lancon Dannar			
Wallace	Cumberland	James Ramsay			
Walton	Hants				
West Ariehat	Richmond.			~	
Weymouth .	Digby	A. II. Brooks	37	20	24 50
West Haven	Guysborough	4 11 1			18.00
Windsar Wolfville	Hants Kings	A. H. Spence	56	61	45.20
Yarmouth	Yarmouth .	C. R. Bill S. E. Messenger	853	651	621-80
		200 1141 11841 1			
			8,520	6,982	6,562 88

<sup>\*</sup>Nine fishing crews paid \$22,50.

PRINCE EDWARD ISLAND.

Alberton Charlottetown Crapaud Georgetown	Prince Queen Queens Kings	J. F. White, F. Beers Neil Waddell	100	51	65-30 2-30
Malpeque Marray Harbour Montague Pinette Port Hill	Prince Queens Kings Queens Prince	R. J. Crafer H. A. Bell E. Parkinan	21	0	10 50
St. Peter Souri Summer ide Tigni h	Kings Kings Princi Princi	Arch. Currie Jo., Reid	4	2	3 20 3 60
			138	58	81 90

Statement showing the result of returns of shipping and discharging of scamen received by the Department of Marine and Fisheries, etc.—Concluded.

### BRITISH COLUMBIA.

Name of Port.	Name of County.	Name of Shipping Master.	Scamen Shipped.	Seamen Dis- charged.	Amount.
Clayoquot Hesquait Kyuquot Massett Prince Rupert New Westminster		Chas. Moser Amos Ellis C. Harrison E. McCoskrie	8 368	10 426 1,580 2,578	311 80

### RECAPITULATION.

	Seamen Shipped.	Seamen Discharged.	Amount.
Quebec New Brunswick Nova Scotia Prince Edward Island British Columbia.	6,136 1,219 8,520 138 4,889	4,558 497 6,982 58 4,594	\$ cts. 4,337 40 762 60 6,562 88 84 90 3,781 60
Total	20,902	16,689	15,529 38



# LIST OF VESSELS

# LISTE DES NAVIRES

# LIST OF SHIPPING

ISSUED BY THE

# DEPARTMENT OF MARINE AND FISHERIES

BEING A

# LIST OF VESSELS

ON THE

# REGISTRY BOOKS OF THE DOMINIOM OF CANADA

ON THE

31st DECEMBER

1917

PRINTED BY ORDER OF PARLIAMENT



OTTAWA

J. DE LABROQUERIE TACHÉ PRINTER TO THE KINGS MOST EXCELLENT MAJESTY 1918

# LISTE DES NAVIRES

PUBLIÉE PAR LE

# Ministère de la Marine et des Pêcheries

οt

# LISTE DES NAVIRES

INSCRITS SUR LES

# REGISTRES MARITIMES DU CANADA

AU

31 DÉCEMBRE

1917

IMPRIMEE PAR ORDRE DU PARLEMENT



OTTAWA J. DE LABROQUERIE TACHÉ IMPRIMEUR DE SA TRÈS EXCELLENTE MAJESTÉ LE ROI 1918 To Lt.-Col. the Hon. C. C. Ballantyne,

Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith the twenty-seventh List of Shipping issued by this Department.

A. JOHNSTON,
Deputy Minister of Marine and Fisheries.

Department of Marine and Fisheries, Ottawa, 1918. A l'honorable Lt-Col. C. C. BALLANTYNE,

Ministre de la Marine et des Pêcheries.

Monsieur,—J'ai l'honneur de vous soumettre la vingt-septième liste des navires publiée par ce Département.

A. JOHNSTON, Sous-ministre de la Marine et des Pécheries.

Ministre de la Marine et des Pêcheries, Ottawa, 1918.



List of vessels whose names have been changed by the Minister of Marine and Fisheries, under Section 27 of Chapter 113 of the Revised Statutes of Canada, 1906, during the year ended December 31, 1917.

Liste des navires dont les noms ont été changés par le Ministre de la Marine et des Pêcheries, d'après les dispositions de l'article 27, chapitre 113 des Statuts Revisés du Canada, 1906, durant l'année terminée le 31 décembre 1917

Official Number.	Present Name of Vessel.	Port of Registry.	Former Name of Vesse
Numéro officiel.	Nom actuel du navire.	Port d'enregistrement.	Ancien nom du navire
138234	Atlasco	Montreal	Russell Sage.
71269	Blanche	Montreal	Nora.
134659	Blueback	Victoria	Wauneta.
138609	C. L. No. 1	New Westminster	Glory.
138538	Carmanah	Vancouver	Sterling.
85075	Chasina	Vancouver	Selma.
87034	Chilco	Vancouver	Santa Maria.
134347	Colin W	Montreal	Stanstead.
138233	Conqueror	Montreal	Wm. L. Proctor.
122272	E. Partridge	Winnipeg	Lisgar.
138075	Ephie L	Ottawa	Effie L.
138235	Glenmount	Montreal	Omega.
134460	Henrietta Stewart	Toronto	Harvey II.
138074 138131	Hochelaga	Ottawa	Waturas.
126385	Julienne	Quebec	Q.H.C. Grain Boat No. F. D.
133696	Kathleen D	QuebecVictoria	Kezia.
134145	Marian W.	Montreal	Byron Whitaker.
138178	Molly G	Prince Rupert	Sealight.
103957	Montmorency	Montreal	Nile.
134520	Overland	Sarnia	Kongo.
122272	Parkdale	Winnipeg	E. Partridge.
130310	Point Hope.	Vancouver	Prospective.
138771	Quinault	Victoria	Esther.
134012	Roi Tan	Port Arthur	Siskiwit.
138685	Sherman	Vancouver	Dreadnaught.
138073	Stadacona	Ottawa	Columbia.
103460	Submarine	Arichat	Two Brothers.
134648	Transfer No. 6.	Victoria	D. L. Co. XX1V.
126851	Tourville	Sorel	O. Paul.
	Vimy Ridge	Halifax	Welcome.
103713	Wilfred	Moneton	Wilfred C.



### RULES OF THE ROAD

FOR

# PREVENTING COLLISIONS AT SEA AND ON THE GREAT LAKES

Issued by the Department of Marine and Fisheries, under the provisions of Part XIV of the Canada Shipping Act, Chapter 113, Revised Statutes of Canada, 1906

### RÈGLEMENTS

POUR

# PRÉVENIR LES ABORDAGES EN MER ET SUR LES GRANDS LACS

Publiés par le ministère de la Marine et des Pêcheries, en vertu des dispositions de la partie XIV de la loi de la marine marchande du Canada, chapitre 113, des Statuts revisés du Canada, 1906

# INTERNATIONAL RULES OF THE ROAD

IN FORCE IN ALL NAVIGABLE WATERS WITHIN CANADA OR WITHIN THE JURISDICTION OF THE PARLIAMENT THEREOF, EXCEPT THE WATERS OF LAKES SUPERIOR AND HURON, GEORGIAN BAY, LAKES ERIE AND ONTARIO, THEIR CONNECTING AND TRIBUTARY WATERS, AND THE ST. LAWRENCE RIVER AS FAR EAST AS THE LOWER EXIT OF THE LACHINE CANAL AND THE VICTORIA BRIDGE AT MONTREAL.

### ORDERS IN COUNCIL.

### AT THE GOVERNMENT HOUSE AT OTTAWA.

TUESDAY, the 9th day of February, 1897.

### PRESENT:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

Whereas, by the fourteenth section of the Act intituled "An Act respecting navigation of Canadian Waters", being chapter 79 of the Revised Statutes of Canada, it is enacted, that if Her Majesty, by Order in Council, annuls or modifies any of the regulations for preventing collisions on navigable waters which, by order of Her Majesty in Council of the fourteenth day of August, 1879, were substituted for those theretofore in force for like purposes in the United Kingdom, or makes new regulations in addition thereto, or in substitution therefor, the Governor in Council may from time to time make corresponding changes, as respects Canadian waters, in the regulations contained in the second section of the Act hereinbefore quoted:

And whereas, by an order of Her Majesty in Council, dated the 27th day of November, 1896, the existing regulations for preventing collisions at sea were annulled, and new regulations submitted therefor:

His Excellency, under the provisions of the fourteenth section of the said Act, chapter 79 of the Revised Statutes, and by and with the advice of the Queen's Privy Council for Canada, is pleased to order that the following Rules and Regulations, which are in conformity with the regulations approved by the order of Her Majesty in Council of the 27th of November, 1896, he substituted for the existing second section of the said Act, chapter 79 of the Revised Statutes; and that the said new Rules and Regulations shall come into operation on and from the first day of July, 1897;

And His Excellency doth further order that the Minister of Marine and Fisheries do bring the provisions of the sections thus amended to the notice of the owners and masters of Canadian vessels.

# RÈGLEMENTS INTERNATIONAUX POUR PRÉVENIR LES ABORDAGES

EN VIGUEUR DANS TOUTES LES EAUX NAVIGABLES EN CANADA OU SOUS LA JURIDICTION DU PARLEMENT CANADIEN, SAUF LES EAUX DES LACS SUPÉRIEUR ET HURON, LA BAIE GEORGIENNE, LES LACS ÉRIÉ ET ONTARIO, LEURS EAUX TRIBUTAIRES ET LE FLEUVE SAINT-LAURENT, AUSSI LOIN À L'EST QUE LA SORTIE DU CANAL LACHINE ET LE PONT VICTORIA À MONTRÉAL.

### ARRÊTÉS EN CONSEIL.

HÔTEL DU GOUVERNEMENT À OTTAWA.

Mardi, le 9e jour de février 1897.

### PRÉSENT:

SON EXCELLENCE LE GOUVERNEUR GÉNÉRAL EN CONSEIL.

Considérant que par le quatorzième article de l'acte, intitulé "Acte concernant la navigation dans les eaux canadiennes", étant le chapitre 79 des Statuts revisés du Canada, il est statué que si Sa Majesté, suspend ou annule, par un arrêté en conseil, l'opération de certaines dispositions des règles pour prévenir les abordages sur les eaux navigables, qui, par un arrêté de Sa Majesté en conseil portant la date du quatorzième jour d'août 1879, avaient été substituées à celles jusque-là en vigueur au même effet dans le Royaume-Uni, ou établit de nouvelles règles par voie d'addition ou de substitution aux dites règles, le Gouverneur en conseil pourra, au besoin, faire des changements correspondants, relativement aux canadiennes, aux règles contenues dans l'article deux du présent acte.

Et considérant que par un arrêté de Sa Majesté en conseil, en date du 27e jour de novembre 1896, les règlements actuels pour prévenir les abordages en mer ont été annulés, et remplacés par de nouveaux règlements,—

Il plaît à Son Excellence, en vertu des dispositions du quatorzième article du dit acte, chapitre 79 des Statuts revisés, et par et avec l'avis du Conseil privé de la Reine pour le Canada, d'ordonner que les règles et règlements suivants, qui sont en conformité des règlements approuvés par l'arrêté de Sa Majesté en conseil du 27 novembre 1896, soient substitués au présent deuxième article dudit acte, chapitre 79 des Statuts revisés; et que les dits nouveaux règlements et règles deviennent en vigueur à compter du premier jour de juillet 1897;

Et Son Excellence ordonne de plus que le ministre de la Marine et des Pêcheries fasse connaître aux propriétaires et capitaines de vaisseaux canadiens les dispositions de l'article qui sont ainsi modifiées.

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### REGULATIONS FOR PREVENTING COLLISIONS AND FOR DISTRESS SIGNALS.

The following rules with respect to lights for signals, distress signals, steering and sailing, and rafts, shall apply to all rivers, lakes and other navigable waters within Canada, or within the jurisdiction of the Parliament thereof, that is to say:—

### Preliminary.

In the following rules every steam vessel which is under sail and not under steam is to be considered a sailing vessel, and every vessel under steam, whether under sail or not, is to be considered a steam vessel.

The word "steam vessel" shall include any vessel propelled by machinery.

A vessel is "under way" within the meaning of these rules, when she is not at anchor, or made fast to the shore or aground.

### Rules concerning lights, etc.

The word "visible" in these rules, when applied to lights, shall mean visible on a dark night with clear atmosphere.

ARTICLE 1. The rules concerning lights shall be complied with in all weathers from sunset to sunrise, and during such time no other lights which may be mistaken for the prescribed lights shall be exhibited.

ARTICLE 2. A Steam vessel when under way shall earry:-

- (a) On or in front of the foremast, or if a vessel without a foremast, then in the forepart of the vessel, at a height above the hull of not less than 20 feet, and if the breadth of the vessel exceeds 20 feet, then at a height above the hull not less than such breadth, so, however, that the light need not be carried at a greater height above the hull than 40 feet, a bright white light, so constructed as to show an unbroken light over an arc of the horizon of 20 points of the compass, so fixed as to throw the light 10 points on each side of the vessel, viz., from right ahead to 2 points abaft the beam on either side, and of such a character as to be visible at a distance of at least 5 miles.
- (b) On the starboard side a green light, so constructed as to show an unbroken light over an are of the horizon of 10 points of the compass, so fixed as to throw the light from right ahead to 2 points abaft the beam on the starboard side, and of such a character as to be visible at a distance of at least 2 miles.
- (c) On the port side, a red light so constructed as to show an unbroken light over an arc of the horizon of 10 points of the compass, so fixed as to throw the light from right ahead to 2 points abaft the beam on the port side, and of such a character as to be visible at a distance of at least 2 miles.
- (d) The said green and red side lights shall be fitted with inboard screens projecting at least 3 feet forward from the light, so as to prevent these lights from being seen across the bow.
- (e) A steam vessel when under way may carry an additional white light similar in construction to the light mentioned in subdivision (a). These two lights shall be so placed in line with the keel that one shall be at least 15 feet higher that the other, and in such a position with reference to each other that the lower light shall be forward of the upper one. The vertical distance between these lights shall be less than the horizontal distance.
- ARTICLE 3. A steam vessel when towing another vessel shall, in addition to her eile-lights, carry two bright white lights in a vertical line one over the other, not less

# RÈGLEMENTS POUR PRÉVENIR LES ABORDAGES ET CONCERNANT LES SIGNAUX DE DÉTRESSE.

Les règlements suivants concernant les feux, les signaux en temps de brume, les signaux de détresse, la route à tenir, et les trains de bois, s'appliqueront à tous les fleuves, rivières, lacs et autres eaux navigables du Canada, ou tombant sous la juridiction de son parlement, savoir:—

# Disposition préliminaire.

Dans les règles qui suivent, tout navire à vapeur, qui ne marche qu'à l'aide de ses voiles est considéré comme un navire à voiles; et tout navire à vapeur dont la machine est en action est considéré comme navire à vapeur, qu'il se serve de ses voiles cu ne s'en serve pas.

L'expression "navire à vapeur" comprend tout navire mû par des machines. Un navire est en "marche" dans le sens des présents règlements, lorsqu'il n'est pas à l'ancre, ou amarré au rivage ou échoué.

# Règle concernant les feux, etc.

L'expression "visible" employée dans les présents règlements, au sujet des feux, signifie visible par une nuit sombre, mais sans brume.

ARTICLE 1. Les règlements concernant les feux seront suivis par tous les temps entre le coucher et le lever du soleil, et durant ce temps il ne sera exhibé aucun autre feu qui pourrait être pris par erreur pour un feu réglementaire.

ARTICLE 2. Un navire à vapeur, lorsqu'il est en marche, portera les feux suivants:-

- (a) Sur ou en avant du mât de misaine, ou si c'est un navire sans mât de misaine, alors à l'avant du navire, à une hauteur de pas moins de 20 pieds au-dessus de la coque, et si le navire a plus de 20 pieds de largeur, alors à une hauteur au-dessus de la coque au moins égale à cette largeur, de façon toutefois qu'il ne soit pas besoin de porter le feu à plus de 40 pieds au-dessus de la coque, un feu blane placé de manière à fournir un rayonnement uniforme et non interrompu dans tout le parcours d'un are horizontal de 20 quarts de compas,—établi de façon à projeter la lumière de 10 quarts de chaque côté du navire, c'est-à-dire, depuis l'avant jusqu'à 2 quarts en arrière du travers de chaque bord, et d'une portée telle qu'il puisse être visible à 5 milles au moins de distance;
- (b) A tribord, un feu vert, établi de façon à projeter une lumière uniforme et non interrompue sur un are horizontal de 10 quarts de compas,—placé de manière à projeter la lumière depuis l'avant jusqu'à deux quarts sur l'arrière du travers à tribord, et d'une portée telle qu'il puisse être visible à deux milles au moins de distance;
- (c) A bâbord, un feu rouge établi de façon à projeter une lumière uniforme et non interrompue sur un arc horizontal de 10 quarts de compas,—placé de manière à projeter la lumière depuis l'avant jusqu'à 2 quarts sur l'arrière du travers à bâbord, et d'une portée telle qu'il puisse être visible à 2 milles au moins de distance;
- (d) Ces feux de côté vert et rouge doivent être munis, en dedans du bord, d'écrans dirigés de l'arrière à l'avant et s'étendant à 3 pieds au moins en avant de la lumière, afin que le feu vert ne puisse pas être aperçu de bâbord avant, et le feu rouge de tribord avant:
- (e) Un navire à vapeur lorsqu'il est en marche peut porter un feu blanc supplémentaire semblable dans la forme au feu mentionné dans la subdivision (a). Ces deux feux seront placés en ligne avec la quille de telle façon qu'un feu sera au moins 15 pieds plus haut que l'autre, et dans une position telle relativement l'un à l'autre que le feu d'en bas soit en avant de celui d'en haut. La distance verticale entre ces deux feux sera moindre que la distance horizontale.
- ARTICLE 3. Un navire à vapeur, lorsqu'il remorque un autre navire, doit, indépendamment de ses feux de côté, porter deux feux blancs placés verticalement l'un au-

than 6 feet apart, and when towing more than one vessel shall carry an additional bright white light 6 feet above or below such lights, if the length of the tow, measuring from the stern of the towing vessel to the stern of the last vessel towed, exceeds 600 feet. Each of these lights shall be of the same construction and character, and shall be carried in the same position as the white light mentioned in article 2 (a), except the additional light, which may be carried at a height of not less than 14 feet above the hull.

Such steam vessel may carry a small white light abaft the funnel or aftermast for the vessel towed to steer by, but such light shall not be visible forward of the beam.

- ARTICLE 4. (a) A vessel which from any accident is not under command shall earry at the same height as the white light mentioned in article 2 (a), where they can best be seen, and, if a steam vessel, in lieu of that light, two red lights, in a vertical line one over the other, not less than 6 feet apart, and of such a character as to be visible all round the horizon at a distance of at least 2 miles; and shall by day carry in a vertical line one over the other, not less than 6 feet apart, where they can best be seen, two black balls or shapes each 2 feet in diameter.
- (b) A vessel employed in laying or in picking up a telegraph cable shall carry in the same position as the white light mentioned in article 2 (a), and if a steam vessel, in lieu of that light, three lights in a vertical line one over the other, not less than 6 feet apart. The highest and lowest of these lights shall be red, and the middle light shall be white, and they shall be of such a character as to be visible all round the horizon, at a distance of at least 2 miles. By day she shall carry in a vertical line one over the other, not less than 6 feet apart, where they can best be seen, three shapes not less than 2 feet in diameter, of which the highest and lowest shall be globular in shape and red in colour, and the middle one diamend in shape and white.
- (c) The vessel referred to in this article when not making way through the water, shall not carry side-lights, but when making way shall carry them.
- (d) The lights and shapes required to be shown by this article are to be taken by other vessels as signals that the vessel showing them is not under command, and cannot therefore get out of the way.

These signals are not signals of vessels in distress and requiring assistance. Such signals are contained in article 31.

ARTICLE 5. A sailing vessel under way, and any vessel being towed, shall earry the same lights as are prescribed by article 2 for a steam vessel under way, with the exception of the white lights mentioned therein, which they shall never earry.

ARTICLE 6. Whenever, as in the case of small vessels under way during bad weather, the green and red side-lights cannot be fixed, these lights shall be kept at hand lighted and ready for use; and shall, on the approach of or to other vessels, be exhibited on their respective sides in sufficient time to prevent collision in such manner as to make them most visible, and so that the green light shall not be seen on the port side nor the red light on the starboard side, nor, if practicable, more than 2 points abaft the beam on their respective sides.

To make the use of these portable lights more certain and easy, the lanterns containing them shall each be painted outside with the colour of the light they respectively contain, and shall be provided with proper screens.

ARTICLE 7. Steam vessels of less than 40, and vessels under oars or sails of less than 20, tons gross tonnage, respectively, and rowing boats, when under way, shall not be obliged to carry the lights mentioned in article 2 (a), (b) and (c), but if they do not carry them, they shall be provided with the following lights:—

1. Steam vessels of less than 10 tons shall earry:

dessus de l'autre, à pas moins de 6 pieds de distance, et lorsqu'il remorque plus d'un navire il portera un feu brillant supplémentaire placé 6 pieds au-dessus ou au-dessous desdits feux, si la longueur de la remorque mesurée depuis l'arrière du remorqueur jusqu'à l'arrière du dernier navire remorqué excède 600 pieds. Chacun de ces feux doit être de la même eonstruction et de la même portée et placé dans la même position que le feu blanc mentionné à l'artiele 2 (a), sauf le feu supplémentaire qui peut être porté à une hauteur d'au moins 14 pieds au-dessus de la coque.

Ce navire à vapeur peut porter un petit feu blanc en arrière de la cheminée ou de l'arrière-mût pour servir de guide au navire remorqué, mais ce feu ne doit pas être visi-

ble en avant du bau.

ARTICLE 4 (a). Un navire qui, à raison de quelque accident, n'obéit pas à la manœuvre, portera à la même hauteur que le feu blanc mentionné à l'article 2 (a), à l'endroit le plus visible, et, si c'est un navire à vapeur, au lieu de ce feu, deux feux rouges placés verticalement l'un au-dessus de l'autre à pas moins de 6 pieds de distance, et d'une nature à pouvoir être visibles tout autour de l'horizon à une distance d'au moins 2 milles; et durant le jour il portera placées verticalement l'une au-dessus de l'autre à 6 pieds au moins de distance, là où elles seront le plus visibles, deux boules

ou formes noires de 2 pieds de diamètre chacune.

(b) Un navire employé à poser ou relever un eâble télégraphique, portera, dans la même position que le feu blanc mentionné à l'article 2 (a), et si c'est un navire à vapeur, à la place de ce feu, trois feux placés verticalement l'un au-dessus de l'autre. Le plus haut et le plus bas de ces feux seront rouges, et celui du milieu sera blanc, et ils seront d'une nature telle à pouvoir être visibles tout autour de l'horizon, à une distauce d'au moins deux milles. Le jour il portera sur une ligne verticale et l'une au-dessus de l'autre là où elles seront le plus visibles, trois formes d'au moins 2 pieds de diamètre, dont la plus haute et la plus basse seront rondes et de couleur rouge, et celle du milieu en forme de losange et blanche.

(c) Le navire ei-dessus, lorsqu'il est stationnaire, ne portera pas de feux de côté.

mais lorsqu'il sera en marche il devra les porter.

(d) Ces feux et boules mentionnés au présent artiele seront regardés par les autres navires comme étant un sigal que le navire qui les porte n'obéit plus à la manœuvre, et ne peut, par conséquent, s'écarter de leur route.

Ces signaux ne sont pas des signaux de navires en détresse et ayant besoin de

seeours. De tels signaux sont contenus à l'article 31.

ARTICLE 5. Un navire à voiles en marche, et tout navire à la remorque, doit porter les mêmes feux que ceux prescrits par l'article 2 pour les navires à vapeur en marche. à l'exception des feux blanes, dont il ne doit jamais faire usage.

ARTICLE 6. Lorsqu'un bâtiment à voiles est d'assez faibles dimensions pour que ses feux vert et rouge ne puissent pas être fixés d'une manière permanente, par un mauvais temps, ees feux doivent néanmoins être teuus allumés sur le pont à leurs bords respectifs, et prêts à servir; et ils seront montrés à tout navire dont il s'approchera ou qui s'en approchera, chaeun de leur côté, assez à temps pour prévenir l'abordage, de manière qu'ils soient autant en vue que possible, et présentés de telle sorte que le feu vert ne puisse être aperçu du côté de bâbord, ni le feu rouge du côté de tribord, ni, si la chose est praticable, à plus de deux quarts en arrière du travers de leurs bords respectifs.

Pour rendre ces prescriptions d'une application plus certaine et plus facile. les fanaux seront peints extérieurement de la couleur du feu qu'ils contiennent, et doivent

être pourvus d'écrans convenables.

ARTICLE 7. Les navires à vapeur de moins de 40 tonneaux, et les vaisseaux à rames ou à voiles de moins de 20 tonneaux de tonnage brut, respectivement, et les chaloupes à rames, en marche, ne seront pas obligés de porter les feux mentionnés à l'article 2 (a), (b) et (c), mais s'ils ne les portent pas, il seront munis des feux suivants:—

1. Les navires à vapeur jaugeant moins de 40 tonneaux porteront-

- (a) In the forepart of the vessel, or on or in front of the funnel, where it can best be seen, and at a height above the gunwale of not less than 9 feet, a bright white light constructed and fixed as prescribed in article 2 (a), and of such a character as to be visible at a distance of at least 2 miles.
- (b) Green and red side-lights constructed and fixed as prescribed in article 2 (b) and (c), and of such a character as to be visible at a distance of at least one mile, or a combined lantern showing a green light and a red light from right head to 2 points abaft the beam on their respective sides. Such lantern shall be carried not less than 3 feet below the white light.
- 2. Small steamboats, such as are earried by sea-going vessels, may carry the white light at a less height than 9 feet above the gunwale, but it shall be carried above the combined lantern, mentioned in subdivision 1 (b).
- 3. Vessels under oars or sails, of less than 20 tons, shall have ready at hand a lantern with a green glass on one side and a red glass on the other, which, on the approach of or to the other vessels, shall be exhibited in sufficient time to prevent collision, so that the green light shall not be seen on the port side nor the red light on the starboard side.
- 4. Rowing boats, whether under oars or sail, shall have ready at hand a lantern showing a white light, which shall be temporarily exhibited in sufficient time to prevent collision.

The vessels referred to in this article shall not be obliged to carry the lights prescribed by article 4 (a) and article 11, last paragraph.

ARTICLE 8. Pilot vessels, when engaged on their station on pilotage duty, shall not show the lights required for other vessels, but shall carry a white light at the masthead, visible all round the horizon, and shall also exhibit a flare-up light or flare-up lights at short intervals, which shall never exceed 15 minutes. On the near approach of or to other vessels they shall have their side-lights lighted, ready for use, and shall flash or show them at short intervals, to indicate the direction in which they are heading. but the green light shall not be shown on the port side, nor the red light on the starboard side.

A pilot vessel of such a class as to be obliged to go alongside of a vessel to put a pilot on board, may show a white light instead of carrying it at the masthead, and may, instead of the coloured lights above mentioned, have at hand ready for use a lantern with a green glass on the one side and a red glass on the other, to be used as prescribed above.

Pilot vessels, when not engaged on their station on pilotage duty, shall earry lights similar to those of other vessels of their tonnage.

ARTICLE 9.1

ARTICLE 10. A vessel which is being overtaken by another shall show from her stern to such last-mentioned vessel a white light or a flare-up light.

The white light required to be shown by this article may be fixed and earried in a lantern, but in such case the lantern shall be so constructed, fitted and screened that it shall throw an unbroken light over an arc of the horizon of 12 points of the compass, viz., for 6 points from right aft on each side of the vessel so as to be visible at a distance of at least one mile. Such light shall be carried as nearly as practicable on the same level as the side-lights.

ARTICLE 11. A vessel under 150 feet in length, when at anchor, shall earry forward where it can best be seen, but at a height not exceeding 20 feet above the hull, a white light in a lantern so constructed as to show a clear, uniform, and unbroken light visible all round the horizon at a distance of at least one mile.

- (a) A l'avant du navire, ou sur ou en avant de la cheminée, à l'endroit où il sera le plus en vue, et à une hauteur au-dessus du plat-bord d'au moins 9 pieds, un feu brillant blanc construit et fixé tel que prescrit à l'article 2 (a), et de nature à être visible d'une distance d'au moins 2 milles.
- (b) Des feux de côté vert et rouge tels que prescrits à l'article 2 (b) et (c), et de nature à être visibles à une distance d'au moins 1 mille, ou un fanal combiné exhibant un feu vert et un feu rouge depuis l'avant jusqu'à deux quarts en arrière du travers de leurs bords respectifs. Ce fanal sera porté à au moins 3 pieds plus bas que le feu blanc.
- 2. Les petites chaloupes à vapeur que portent les navires de long cours pourront porter le feu blanc à une moindre hauteur que 9 pieds au-dessus du plat-bord, mais il sera porté au-dessus du fanal combiné mentionné au paragraphe 1 (b).
- 3. Les bâtiments à rames ou à voiles, jaugeant moins de 20 tonneaux tiendront toujours prêt un fanal ayant d'un côté un verre de couleur verte, et de l'autre côté un verre de couleur rouge, et à l'approche d'un autre bâtiment ce fanal sera montré en temps opportun pour prévenir l'abordage, en ayant soin que le feu vert ne puisse être aperçu de bâbord, ni le feu rouge de tribord.
- 4. Les chaloupes à rames, qu'elles marchent à la rame ou à la voile, tiendront toujours prêt un fanal montrant un feu blanc qui sera temporairement exhibé en temps suffisant pour prévenir l'abordage.

Les vaisseaux mentionnés dans le présent article ne seront pas obligés de porter les feux prescrits par l'article 4 (a) et l'article 11, dernier paragraphe.

ARTICLE 8. Les bateaux-pilotes, lorsqu'ils sont occupés au service du pilotage dans leurs circonscriptions, ne porteront pas les mêmes feux que ceux exigés pour les autres bâtiments, mais ils porteront en tête du mât un feu blane visible de tous les points de l'horizon, et montreront de plus un feu ou des feux intermittents à de courts intervalles qui ne devront pas être de plus de 15 minutes. A l'approche ou en approchant de tout navire, ils allumeront leurs feux de côtés, prêts à servir, et les exhiberont à de cours intervalles, pour indiquer la direction dans laquelle ils marchent, mais le feu vert ne sera pas montré du côté de bâbord, ni le feu rouge du côté de tribord.

Un bateau-pilote d'une classe qui l'oblige de se rendre le long d'un navire pour mettre un pilote à bord, peut montrer un feu blanc au lieu de le porter en tête du mât, et peut, au lieu des feux de couleur mentionnés ci-dessus, tenir toujours prêt à servir, un fanal ayant un verre vert d'un côté et un verre rouge de l'autre, pour être

employé tel que prescrit ci-dessus.

Les bateaux-pilotes qui ne scront pas occupés au service de pilotage dans leurs circonscriptions, porteront des feux semblables à ceux des autres navires de leur tonnage.

ARTICLE 9. (1).

ARTICLE 10. Lorsqu'un navire est prêt d'être atteint par un autre, il doit de sa poupe montrer à ce dernier un feu blanc ou un feu intermittent.

Le feu blanc que le présent article exige de montrer peut être fixé et porté dans un fanal, mais dans ce cas, le fanal sera construit, agencé et muni d'écrans de façon à projeter une lumière non interrompue sur un arc horizontal de 12 quarts de compas, savoir: pour 6 quarts depuis l'avant de chaque côté du vaisseau, et d'une portée telle qu'il puisse être visible à une distance d'au moins un mille. Ce feu sera porté autant que possible sur le même niveau que les feux de côté.

ARTICLE 11. Un navire de moins de 150 pieds de longueur, lorsqu'il est à l'ancre, portera à l'avant, à l'endroit le plus en vue, mais à une hauteur n'excédant pas 20 pieds au-dessus de la coque, un feu blanc dans un fanal construit de façon à projeter une lumière claire, uniforme et non interrompue visible de tous les points de l'horizon à une distance d'au moins 1 mille.

<sup>(1)</sup> Amendé par Arrêté en Conseil du 28 juin 1909.

A vessel of 150 feet or upwards in length, when at anchor, shall carry in the forward part of the vessel, at a height of not less than 20 and not exceeding 40, feet above the hull, one such light, and at or near the stern of the vessel, and at such a height that it shall be not less than 15 feet lower than the forward light, another such light.

The length of a vessel shall be deemed to be the length appearing in her certificate of registry.

A vessel aground in or near a fairway shall carry the above light or lights, and the two red lights prescribed by article 4 (a).

ARTICLE 12. Every vessel may, if necessary in order to attract attention, in addition to the lights which she is by these rules required to carry, show a flare-up light or use any detonating signal that cannot be mistaken for a distress signal.

ARTICLE 13. Nothing in these rules shall interfere with the operation of any special rules made by the Government of any nation with respect to additional station and signal lights for two or more ships of war or for vessels sailing under convoy, or with the exhibition of recognition signals adopted by ship-owners, which have been authorized by their respective governments and duly registered and published.

ARTICLE 14. A steam vessel proceeding under sail only, but having her funnel up, shall carry in daytime forward, where it can best be seen, one black ball or shape 2 feet in diameter.

# Sound signals for fog, etc.

ARTICLE 15. All signals prescribed by this article for vessels under way shall be given:

- 1. By "steam vessels," on the whistle or siren.
- 2. By "sailing vessels and vessels towed," on the fog horn.

The words "prolonged blast" used in this article shall mean a blast of from 4 to 6 seconds' duration.

A steam vessel shall be provided with an efficient whistle or siren, sounded by steam or some substitute for steam, so placed that the sound may not be intercepted by any obstruction, and with an efficient fog horn, to be sounded by mechanical means, and also with an efficient bell.\* A sailing vessel of 20 tons gross tonnage or upwards shall be provided with a similar fog horn and bell. In fog, mist, falling snow, or heavy rainstorms, whether by day or night, the signals described in this article shall be used as follows, viz.:—

- (a) A steam vessel having way upon her, shall sound, at intervals of not more than 2 minutes, a prolonged blast.
- (b) Λ stemm vessel under way, but stopped and having no way upon her, shall sound at intervals of not more than 2 minutes, two prolonged blasts, with an interval of about one second between them.
- (c) A sailing vessel under way shall sound, at intervals of not more than one minute, when on the starboard tack one blast, when on the port tack two blasts in succession, and when with the wind abaft the beam three blasts in succession.
- (d) A vessel when at anchor, shall, at intervals of not more than one minute, ring the bell rapidly for about 5 seconds.
- (c) A vessel, when towing, a vessel employed in laying or in picking up a telegraph cable, and a vessel under way, which is unable to get out of the way of an approaching vessel through being not under command, or unable to managure as required by these

In all cases where the Rules require a bell to be used a drum may be substituted on board Turkish vessels, or a gong where such articles are used on board small sea-going vessis

Un navire de 150 pieds ou plus de longueur, lorsqu'il est à l'ancre, portera à l'avant, à une hauteur d'au moins 20 et ne dépassant pas 40 pieds au-dessus de la coque, un semblable feu; et à la poupe ou près de la poupe, et à une hauteur qui ne sera pas moins que 15 pieds plus bas que le feu d'avant, un autre feu semblable.

La longueur du navire sera censée être celle indiquée sur son certificat d'enre-

gistrement.

Un navire échoué dans ou près d'une passe, portera le feu ou les feux ci-dessus,

et les deux feux rouges prescrits par l'article 4 (a).

ARTICLE 12. Chaque navire peut, si c'est nécessaire, pour attirer l'attention, en sus des feux que les présents règlements l'obligent de porter, montrer un feu intermittent, ou employer tout signal résonnant qui ne peut être pris erronément pour un signal de détresse.

ARTICLE 13. Rien de contenu dans les présents règlements n'interviendra dans l'opération de toutes règles spéciales établies par le gouvernement d'une nation quelconque au sujet de feux supplémentaires de station et de signal pour deux navires de
guerre ou plus, ou pour des vaisseaux à voiles naviguant de conserve, ou dans les
signaux particuliers adoptés par les propriétaires de navires et qui sont autorisés par
leurs gouvernements respectifs et dûment enregistrés et publiés.

ARTICLE 14. Un navire à vapeur marchant à la voile seulement, mais ayant sa cheminée debout, portera à l'avant, pendant le jour, à l'endroit le plus en vue, une boule ou forme noire de 2 pieds de diamètre.

# Signaux phoniques pour temps de brume, etc.

ARTICLE 15. Tous les signaux prescrits par le présent article pour les navires en marche, seront donnés—

1. Par les "navires à vapeur" par le sifflet ou la sirène;

2. Par les "navires à voiles et les navires remorqués" par le cornet de brume.

Les mots "coup prolongé" employés dans le présent article signifient un coup de 4 à 6 secondes.

Un navire à vapeur doit être pourvu d'un sifflet à vapeur ou de quelque autre moyen efficace de faire entendre un signal produit par la vapeur ou quelque substitut à la vapeur, lequel sera placé de manière à ce que le son ne puisse être intercepté par aucune obstruction et d'un cor de brume actionné par un appareil mécanique, et aussi d'une forte cloche; un navire à voiles d'un tonnage brut de 20 tonneaux ou plus doit être pourvu d'un fort cornet actionné par un soufflet ou autre appareil mécanique, et aussi d'une forte cloche; en temps de brume, de brouillard ou de neige, soit de jour, soit de nuit, les navires feront usage des signaux décrits dans le présent article. comme suit, savoir:—

(a) Un navire à vapeur en marche donnera, à des intervalles de pas plus de 2 minutes, un coup prolongé;

- (b) Un navire à vapeur en marche, mais arrêté et sans mouvement, sonnera à des intervalles de deux minutes au plus, 2 coups prolongés, avec un intervalle d'environ une seconde entre chacun;
- (c) Un navire à voiles en marche donnera, au moyen de son cornet, à des intervalles de pas plus d'une minute, s'il est amuré sur tribord, un coup, s'il est amuré sur bâbord, deux coups de suite, et s'il est vent arrière, trois coups de suite;
- (d) Un navire à l'ancre, à des intervalles de pas plus d'une minute, sonnera rapidement la cloche pendant à peu près cinq secondes.
- (e) Un navire qui en remorque un autre employé à poser ou relever un câble télégraphique, et un navire en marche, qui est incapable de s'écarter du chemin d'un navire qui approche parce qu'il n'obéit pas à la manœuvre, ou qu'il est incapable de manœuvrer tel que requis par les présents règlements, sonnera, au lieu des signaux

rules shall, instead of the signals prescribed in subdivisions (a) and (c) of this article, at intervals of not more than 2 minutes, sound three blasts in succession, viz.: one prolonged blast, followed by two short blasts. A vessel towed may give this signal and she shall not give any other.

Sailing vessels and boats of less than 20 tons gross tonnage shall not be obliged to give the above mentioned signals, but if they do not, they shall make some other

efficient sound-signal at intervals of not more than one minute.

## Speed of ships to be moderate in fog, etc.

ARTICLE 16. Every vessel shall, in a fog, mist, falling snow, or heavy rainstorms, go at moderate speed, having careful regard to the existing circumstances and conditions.

A steam vessel hearing, apparently forward of her beam, the fog-signal of a vessel the position of which is not ascertained, shall, so far as the circumstances of the case admit, stop her engines, and then navigate with caution until danger of collision is over.

#### STEERING AND SAILING RULES.

## Preliminary—Risk of collision.

Risk of collision can, when circumstances permit, be ascertained by carefully watching the compass bearing of an approaching vessel. If the bearing does not appreciably change, such risk shall be deemed to exist.

Article 17. When two sailing vessels are approaching one another so as to involve risk of collision, one of them shall keep out of the way of the other, as follows, viz.:-

- (a) A vessel which is running free shall keep out of the way of a vessel which is close hauled.
- (b) A vessel which is close hauled on the port tack shall keep out of the way of a vessel which is close hauled on the starboard tack.
- (c) When both are running free, with the wind on different sides, the vessel which has the wind on the port side shall keep out of the way of the other.
- (d) When both are running free, with the wind on the same side, the vessel which is to the windward shall keep out of the way of the vessel which is to leeward.
  - (c) A vessel which has the wind aft shall keep out of the way of the other vessel.

ARTICLE 18. When two steam vessels are meeting end on, or nearly end on, so as to involve risks of collision, each shall alter her course to starboard so that each may pass on the port side of the other.

This article only applies to cases where vessels are meeting end on, or nearly end on, in such a manner as to involve risk of collision, and does not apply to two vessels which must, if both keep on their respective courses, pass clear of each other.

The only cases to which it does apply are when each of the two vessels is end on, or nearly end on, to the other; in other words, to eases in which, by day, each vessel sees the masts of the other in a line, or nearly in a line, with her own; and, by night, to cases in which each vessel is in such a position as to see both the side-lights of the other.

It does not apply, by day, to cases in which a vessel sees another ahead crossing her own course; or by night, to eases where the red light of one vessel is opposed to the red light of the other, or where the green light of one vessel is opposed to the green

Note.-When, in consequence of thick weather or other causes, such vessel finds herself so close that collision cannot be avoided by the action of the giving-way vessel alone, she also shall take such action as will best aid to avert collision. (See articles 27 and 29.)

prescrits dans les subdivisions (a) et (c) du présent article, à des intervalles de pas plus de 2 minutes, sonnera trois coups successifs, savoir: un coup prolongé suivi de deux coups brefs. Un navire remorqué peut donner ce signal et n'en donnera pas d'autre.

Les navires à voiles et les bateaux jaugeant moins que 20 tonneaux de tonnage brut, ne seront pas obligés de donner les signaux ci-dessus mentionnés, mais s'ils ne le font pas, ils donneront quelque autre signal sonore à des instervalles de pas plus d'une minute.

# En temps de brume la vitesse des navires sera modérée, etc.

ARTICLE 16. Tout navire doit, en temps de brume, de brouillard, de neige, ou de pluie, aller à une vitesse modérée, tenant compte des circonstances et conditions du moment.

Un navire à vapeur qui entend, apparemment en avant de son travers, le signal de brume d'un vaisseau dont la position est incertaine, doit, selon les circonstances, arrêter ses machines, et ensuite naviguer avec prudence jusqu'à ce que tout danger d'abordage soit passé.

# RÈGLES DE NAVIGATION POUR PRÉVENIR LES ABORDAGES.

# Notions préliminaires-Risques d'abordage.

On peut s'assurer des risques d'abordage, lorsque les circonstances le permettent, en guettant soigneusement l'orientation d'un navire qui approche. Si l'orientation ne change pas sensiblement, ce risque est censé exister.

ARTICLE 17. Lorsque deux navires à voiles s'approchent l'un de l'autre de manière qu'il y ait risque d'abordage, l'un d'eux doit s'écarter du chemin de l'autre comme il suit, savoir:-

- (a) Celui qui a du largue doit s'écarter de la route du navire naviguant au plus près.
- (b) Celui qui est au plus près et a les amures à bâbord, doit s'écarter de la route du navire au plus près dont les amures sont à tribord.
- (c) Si tous deux courent largue et ont le vent de côtés différents celui qui a le vent à bâbord doit s'écarter de la route de l'autre;
- (d) Si tous deux courent largue et ont le vent du même bord, celui qui est au vent doit se tenir hors de la route de celui qui est sous le vent;
  - (e) Celui qui est vent arrière doit s'écarter de la route de l'autre navire.

Article 18. Si deux navires sous vapeur se rencontrent courant l'un vers l'autre, directement ou à peu près, et qu'il y ait risque d'abordage, tous deux doivent venir sur tribord pour passer à bâbord l'un de l'autre.

Cet article ne s'applique que dans les cas où les navires courent l'un vers l'autre, directement ou à peu près, et où il y a risque d'abordage, mais ne s'applique pas à deux navires qui doivent, en conservant chacun leur allure, s'éviter l'un l'autre;

Les seuls cas auxquels il s'applique sont lorsque chacun des deux navires court vers l'autre, directement ou à peu près, ou, en d'autres termes, lorsque, de jour, chaque navire voit les mâts de l'autre en ligne droite, ou à peu près, avec les siens propres : et. de nuit, lorsque chaque navire est dans une position telle qu'il peut voir les deux feux de côté de l'autre:

Il ne s'applique pas lorsque, de jour, un navire en voit un autre croiser sa route en avant, ou, de nuit, lorsque le feu rouge d'un navire est opposé au feu rouge de

Note.-SI, en raison de gros temps ou autres causes, ce navire se trouve tellement rapproché que l'abordage ne peut être évité par la seule action du navire qui cède la route, alors il agira de la meilleure manière possible pour éviter l'abordage.

(Voir articles 27 et 29.)

light of the other, or where a red light without a green light, or a green light without a red light is seen ahead, or where both green and red lights are seen anywhere but ahead.

ARTICLE 19. When two steam vessels are crossing so as to involve risk of collision, the vessel which has the other on her own starboard side shall keep out of the way of the other.

ARTICLE 20. When a steam vessel and a sailing vessel are proceeding in such directions as to involve risk of collision, the steam vessel shall keep out of the way of the sailing vessel.

ARTICLE 21. Where by any of these rules one or two vessels is to keep out of the way, the other shall keep her course and speed.

ARTICLE 22. Every vessel which is directed by these rules to keep out of the way of another vessel shall, if the circumstances of the case admit, avoid crossing ahead of the other.

ARTICLE 23. Every steam vessel which is directed by these rules to keep out of the way of another vessel shall, on approaching her, if necessary, slacken her speed or stop or reverse.

ARTICLE 24. Notwithstanding anything, contained in these rules, every vessel, overtaking any other, shall keep out of the way of the overtaken vessel.

Every vessel coming up with another vessel from any direction more than 2 points abaft her beam, i.e., in such a position, in reference to the vessel which she is overtaking, that at night she would be unable to see either of that vessel's side-lights, shall be deemed to be an overtaking vessel; and no subsequent alteration of the bearing between the two vessels shall make the overtaking vessel a crossing vessel within the meaning of these rules, or relieve her of the duty of keeping clear of the overtaken vessel until she is finally past and clear.

As by day the overtaking vessel eannot always know with certainty whether she is forward of or abaft this direction from the other vessel, she should, if in doubt, assume that she is an overtaking vessel and keep out of the way.

ARTICLE 25. In narrow channels every steam vessel shall, when it is safe and practicable, keep to that side of the fairway or mid-channel which lies on the starboard side of such vessel.

ARTICLE 26. Sailing vessels under way shall keep out of the way of sailing vessels or boats fishing with nets, or lines, or trawls. This rule shall not give to any vessel or boat engaged in fishing the right of obstructing a fairway used by vessels other than fishing vessels or boats.

ARTICLE 27. In obeying and construing these rules, due regard shall be had to all dangers of navigation and collision, and to any special circumstances which may render a departure from the above rules necessary in order to avoid immediate danger.

#### Sound signals for vessels in sight of one another.

ARTICLE 28. The words "short blast" used in this article shall mean a blast of about one second's duration.

When vessels are in sight of one another, a steam vessel under way, in taking any course authorized or required by these rules, shall indicate that course by the following signals on her whistle or siren, viz.:—

One short blast to mean: "I am directing my course to starboard."

Two short blasts to mean: "I am directing my course to port."

Three short blasts to mean: "My engines are going full speed astern."

l'autre, ou lorsque le feu vert de l'un est opposé au feu vert de l'autre, ou lorsque l'un d'eux voit en avant un feu rouge sans voir le feu vert, ou un feu vert sans voir le feu rouge, ni lorsque les deux feux verts et rouges sont visibles partout ailleurs qu'en avant.

ARTICLE 19. Si deux navires sous vapeur font des routes qui se eroisent et les exposent à s'aborder, celui qui voit l'autre par tribord doit manœuvrer de manère à ne pas gêner la route de ce dernier.

ARTICLE 20. Si deux navires, l'un à voiles, l'autre sous vapeur, font des toutes qui les exposent à s'aborder, le navire sous vapeur doit manœuvrer de manière à ne pas gêner la route du navire à voiles.

ARTICLE 21. Lorsque, d'après les règles qui précèdent, l'un des deux navires doit s'écarter de la route de l'autre, celui-ei poursuivra sa route sans ralentir sa vitesse.

ARTICLE 22. Tout navire qui, d'après les présents, doit édder la route à un autre navire, doit, si les circonstances le permettent, éviter de croiser la route de l'autre.

ARTICLE 23. Tout navire à vapeur qui, d'après les présents règlements, doit céder la route à un autre navire, doit en l'approchant, si c'est nécessaire, ralentir sa vitesse, ou stopper ou faire machine en arrière.

ARTICLE 24. Nonobstant tout ce qui est contenu aux présents règlements, chaque navire qui en atteint un autre, doit s'écarter du navire atteint.

Chaque navire atteignant un autre navire d'une direction quelconque plus que deux quarts en arrière de son travers, i.e., dans une position telle, relativement au navire atteint, que pendant la nuit le premier navire serait incapable de voir aucun des feux de côté du dernier navire, sera censé être un navire atteignant, et nul changement subséquent dans l'orientation entre les deux navires ne rendra un navire atteignant un navire croisant dans le sens des présents règlements, ni ne l'exemptera du devoir de s'écarter de la route du navire atteint, tant que le premier ne sera pas passé et libre.

Vu que pendant le jour le navire atteignant ne peut pas toujours savoir avec certitude s'il est en avant ou en arrière de cette direction d'après l'autre navire, il doit, dans le doute, présumer qu'il est un navire atteignant, et s'écarter de la route.

ARTICLE 25. Dans les passages ou chenaux étroits, tout navire à vapeur doit, si la chose est sûre et praticable, se tenir du côté du passage ou du milieu du chenal qui se trouve à tribord de ce navire.

ARTICLE 26. Les bâtiments à voiles en marche s'écarteront de la route des vaisseaux ou bateaux à voiles pêchant avec des rets, ou des lignes, ou des lignes dormantes. Cette présente règle ne donnera pas à tout vaisseau ou bateau engagé à pêcher, le droit d'obstruer un passage fréquenté par d'autres vaisseaux que des vaisseaux ou bateaux de pêche.

ARTICLE 27. En se conformant aux règles qui précèdent et les interprétant, il faut tenir compte de tous les dangers de la navigation, et avoir égard à toutes les circonstances particulières qui peuvent rendre nécessaire une dérogation à ces règles, afin de parer à un péril immédiat.

# Signaux par sons pour les navires en vue l'un de l'autre.

ARTICLE 28. Les mots "coup bref" employés dans le présent article, signifient un coup d'environ une seconde.

Lorsque des navires sont en vue les uns des autres, un navire à vapeur en marche, en prenant toute direction autorisée ou requise par les présents règlements, indiquera cette direction au moyen des signaux suivants, sur sifflet ou sirène, savoir:—

Un eoup bref signifie: "Je me dirige à tribord."

Deux eoups brefs signifient: "Je me dirige à bâbord." Trois coups brefs signifient: "Je recule à toute vitesse."

# No vessel under any circumstances to neglect proper precautions.

ARTICLE 29. Nothing in these rules shall exonerate any vessel, or the owner, or master, or crew thereof, from the consequences of any neglect to carry lights or signals, or of any neglect to keep a proper look-out, or of the neglect of any precaution which may be required by the ordinary practice of seamen, or by the special circumstances of the case.

## Reservation of rules for harbours and inland navigation.

ARTICLE 30. Nothing in these rules shall interfere with the operation of a special rule, duly made by local authority, relative to the navigation of any harbour, river, or inland waters.

## Distress signals.

ARTICLE 31. When a vessel is in distress and requires assistance from other vessels or from the shore, the following shall be the signal to be used or displayed by her, either together or separately, viz.:—

#### In daytime-

- 1. A gun or other explosive signal fired at intervals of about a minute;
- 2. The International Code signal of distress indicated by N.C.;
- 3. The distant signal, consisting of a square flag, having either above or below it a ball or anything resembling a ball;
  - 4. A continuous sounding with any fog-signal apparatus.

#### At night-

- 1. A gun or other explosive signal fired at intervals of about a minute;
- 2. Flames on the vessel (as from a burning tar-barrel, oil-barrel, etc.);
- 3. Rockets or shells, throwing stars of any colour or description, fired one at a time, at short intervals;
  - 4. A continuous sounding with any fog-signal apparatus.

#### Rafts and Harbour of Sorel.

ARTICLE 32. Rafts, while drifting or at anchor on any of the waters of Canada, shall have a bright fire kept burning on them from sunset to sunrise. Whenever any raft is going in the same direction as another which is ahead, the one shall be so navigated as not to come within 20 yards of the other, and every vessel meeting or overtaking a raft shall keep out of the way thereof.

Rafts shall be so navigated and anchored as not to cause any unnecessary impediment or obstruction to vessels navigating the same waters.

ARTICLE 33. Unless it is otherwise directed by the Harbour Commissioners of Montreal, hips and vessels entering or leaving the harbour of Sorel shall take the portside, anything in the preceding articles to the contrary notwithstanding.

ARTICLE 31. The rules of navigation contained in articles 32 and 33 shall be subject to the provisions contained in articles 27 and 29.

JOHN J. McGEE, Clerk of the Privy Council.

# Nul navire ne doit, sous aucun prétexte, négliger les précautions nécessaires.

ARTICLE 29. Rien dans ces règles ne saurait affranchir un navire, quel qu'il soit, son propriétaire, son capitaine ou son équipage, des conséquences d'une omission de porter des feux ou signaux, d'un défaut de surveillance convenable, ou enfin d'une négligence quelconque des précautions commandées par la pratique ordinaire de la navigation ou par les circonstances particulières de la situation.

# Réserve à l'égard des règles pour les ports et la navigation intérieure.

ARTICLE 30. Rien dans ces règles n'entravera l'opération d'une règle spéciale, régulièrement établie par une autorité locale, au sujet de la navigation d'un port, d'un fleuve, d'une rivière, ou d'eux intérieures.

# Signaux de détresse.

ARTICLE 31. Lorsqu'un navire est en détresse et a besoin du secours d'autres navires, ou de la terre, les signaux suivants seront employés et déployés par ee navire, soit ensemble soit séparément, savoir:—

Pendant le jour:-

- 1. Un canon ou autre signal explosif, tiré à des intervalles d'environ une minute:
- 2. Le signal de détresse indiqué par N.C. dans le Code international de signaux;
- 3. Le signal éloigné, composé d'un pavillon carré, ayant, soit en haut ou en bas, une boule ou quelque chose ressemblant à une boule;
  - 4. Un son continu produit par un appareil de signal de brume.

Pendant la nuit:-

- 1. Un canon ou autre signal explosif tiré à des intervalles d'environ une minute:
- 2. Des flammes sur le navire (telles que produites par des barils de goudron, ou d'huile, etc.):
- 3. Des fusées ou obus, jetant des étoiles de toute couleur ou description, tirés un à la fois, à de courts intervalles;
  - 4. Un son continu par un appareil de signal de brume.

#### Trains de bois-Port de Sorel.

ARTICLE 32. Les trains de bois en dérive ou à l'ancre dans les eaux du Canada doivent tenir allumé un feu brillant depuis le coucher jusqu'au lever du soleil; tout train de bois qui suit la même route qu'un autre qui le précède doit naviguer de manière à se tenir à vingt verges de distance de l'autre, et tout bâtiment qui rencontre ou passe un train de bois doit manœuvrer de manière à ne pas gêner la route de ce train de bois.

Les trains de bois doivent naviguer et mouiller de manière à ne pas gêner inutilement la route des navires qui fréquentent les mêmes caux.

ARTICLE 33. A moins qu'il n'en soit autrement ordonné par les Commissaires du Havre de Montréal, les navires et bâtiments entrant dans le port de Sorel ou en sortant, doivent naviguer à bâbord, nonobstant tout article ci-dessus à ce contraire.

ARTICLE 34. Les règles de navigation exprimées dans les articles 32 et 33 sont sujettes aux dispositions contenues dans les articles 27 et 29.

JOHN J. McGEE, Greffier du Conseil privé.

#### AT THE GOVERNMENT HOUSE AT OTTAWA.

Monday, the 28th day of June, 1909.

#### PRESENT:

#### HIS EXCELLENCY THE ADMINISTRATOR IN COUNCIL.

Whereas by an order of His Majesty in Council, dated the 4th day of April, 1906, His Majesty was pleased to amend article 9, regarding lights and signals of fishing vessels and boats, of the regulations for the prevention of collisions at sea and as to signals of distress;

And whereas, it is desirable that such provisions of the said article 9 as are applicable should be incorporated in the regulations for preventing collisions in Canadian waters:

Therefore His Excellency in Council is pleased, under the provisions of Part XIV of the Canada Shipping Act, chapter 113, Revised Statutes of Canada, 1906, to order and direct that article number 9 of the regulations for preventing collisions, as established by Order in Council of the 9th day of February, 1897, shall be and the same is hereby reseinded, and the annexed article number 9, containing those provisions of the Imperial regulations in that regard as are applicable to Canadian waters, substituted therefor;

And His Excellency in Council is further pleased to order and declare, with a view to removing any doubt as to the waters in which the regulations for preventing collisions and as to signals of distress, annexed to the Order in Council of the 9th February, 1897, and as herein amended are in operation, that the said regulations shall apply to all the navigable waters within Canada or within the jurisdiction of the Parliament thereof, except the waters of Lakes Superior and Huron, Georgian bay, Lakes Erie and Ontario, their connecting and tributary waters, and the St. Lawrence river as far east as the lower exit of the Lachine canal and the Victoria bridge at Montreal.

RODOLPHE BOUDREAU, Clerk of the Privy Council.

#### REGULATIONS FOR PREVENTING COLLISIONS OF SHIPS.

ARTICLE 9. Fishing vessels and fishing boats, when under way and when not required by this article to carry or show the lights hereinafter specified shall carry or show the lights prescribed for vessels of their tonnage under way.

(a) Open boats, by which it is to be understood boats not protected from the entry of sea water by means of a continuous deek, when engaged in any fishing at night with outlying tackle extending not more than 150 feet horizontally from the boat into the seaway, shall carry one all-round white light.

Open boats when fishing at night, with outlying tackle extending more than 150 feet horizontally from the boat into the seaway, shall carry one all-round white light, and in addition, on approaching or being approached by other vessels, shall show a second white light at least 3 feet below the first light and at a horizontal distance of at least 5 feet away from it in the direction in which the outlying tackle is attached.

(b) Vessels and boats, except open boats as defined in subdivision (a), when fishing with drift-nets, shall, so long as the nets are wholly or partly in the water, carry two white lights where they can best be seen. Such lights shall be placed so

# HÔTEL DU GOUVERNEMENT À OTTAWA.

Lundi, le 28e jour de juin 1909.

#### PRÉSENT:

#### Son Excellence L'Administrateur en conseil.

Attendu que par un arrêté de Sa Majesté en conseil daté le 4e jour d'avril 1906, il a plu à Sa Majesté de modifier l'article 9 relatif aux feux et signaux que doivent porter les vaisseaux et bateaux de pêche, des règlements établis pour prévenir les abordages en mer et concernant les signaux de détresse;

Et attendu qu'il est opportun que les dites dispositions du dit article 9 qui sont applicables soient incorporées dans les règlements pour prévenir les abordages dans

les eaux canadiennes,-

A ces causes, il plaît à Son Excellence en conseil, en vertu des dispositions de la partie XIV de la loi de la marine marchande au Canada, chapitre 113 des Statuts revisés du Canada, 1906, de décréter et ordonner que l'article 9 des règlements pour prévenir les abordages en mer, tels qu'établis par arrêté en conseil du 9 février 1897, soit et il est par le présent rescindé, et il est remplacé par l'article 9 ci-annexé, contenant les dispositions des règlements impériaux à ce sujet qui sont applicables aux eaux canadiennes:

Il plaît en outre à Son Excellence en conseil de décréter et déclarer, dans le but de lever tout doute quant aux eaux dans lesquelles sont en vigueur les règlements pour prévenir les abordages et concernant les signaux de détresse, annexés à l'arrêté en conseil du 9 février 1897, que les dits règlements s'appliquent à toutes les eaux navigables en Canada ou sous la juridiction du parlement canadien, sauf les eaux des lacs Supérieur et Huron, la baie Georgienne, les lacs Erié et Ontario, leurs eaux tributaires, et le fleuve Saint-Laurent aussi loin à l'est que la sortie du canal La-ehine et le pont Victorià, à Montréal.

#### RODOLPHE BOUDREAU,

Greffier du Conseil privé.

#### RÈGLEMENTS POUR PRÉVENIR LES ABORDAGES DES NAVIRES.

ARTICLE 9. Les vaisseaux de pêche et bateaux de pêche, lorsqu'ils sont en marche, et qu'ils ne sont pas obligés par le présent article de porter ou montrer les feux craprès spécifiés, porteront ou montreront les feux prescrits pour les vaisseaux de leur tonnage en marche.

(a) Les bateaux non pontés, par lesquels on entend les bateaux qui ne sont pas protégés contre l'entrée de l'eau au moyen d'un pont continu, lorsque la nuit ils sont occupés à pêcher avec des engins tendus à pas plus de 150 pieds horizontalement en

mer, porteront un feu blanc visible de tous les points de l'horizon.

Les bateaux non pontés, lorsque la nuit ils pêchent avec des engins tendus à plus de 150 pieds horizontalement en mer, porteront un feu blanc visible de tous les points de l'horizon, et de plus, en approchant d'autres vaisseaux, ou que d'autres vaisseaux s'en approchent, montreront un deuxième feu blanc placé au moins 3 pieds plus bas que le premier feu, et à une distance horizontale d'au moins 5 pieds dans la direction dans laquelle est attaché l'engin de pêche tendu.

(b) Les vaisseaux et bateaux, sauf les bateaux non pontés définis à la subdivision (a), pêchant aux filets traînants, porteront, tant que les filets sont complètement ou partiellement dans l'eau, deux feux blancs, là où ils peuvent être le mieux vus. Ces feux doivent être placés de manière que la distance verticale entre eux ne soit pas de

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that the vertical distance between them shall be not less than 6 feet and not more than 15 feet, and so that the horizontal distance between them, measured in a line with the keel, shall be not less than 5 feet and not more than 10 feet. The lower of these two lights shall be in the direction of the nets, and both of them shall be of such a character as to show all round the horizon, and to be visible at a distance of not less than 3 miles.

- (c) Vessels and boats, except boats as defined in subdivision (a), when linefishing, with their lines out and attached to or hauling their lines, and when not at anchor or stationary, within the meaning of subdivision (g), shall earry the same lights as vessels fishing with drift-nets. When shooting lines or fishing with towing lines, they shall earry the lights prescribed for a steam or sailing vessel under way, respectively.
  - (d) Oyster dredges and other vessels fishing with dredge nets, shall-
- 1. If steam vessels, carry in the same position as the white light mentioned in article 2 (a), a tri-coloured lantern so constructed and fixed as to show a white light from right ahead to 2 points on each bow, and a green light and a red light over an arc of the horizon from 2 points on each bow to 2 points abaft the beam on the starboard and port sides, respectively; and not less than 6 nor more than 12 feet below the tri-coloured lantern a white light in a lantern, so constructed as to show a clear uniform and unbroken light all round the horizon.
- 2. If sailing vessels, shall earry a white light in a lantern, so constructed as to show a clear uniform and unbroken light all round the horizon, and shall also, on the approach of or to other vessels, show where it can best be seen a white flare-up light or torch in sufficient time to prevent collision.

All lights mentioned in subdivision (d) 1 and 2 shall be visible at a distance of at least 2 miles.

- (e) Fishing vessels and fishing boats may at any time use a flare-up light in addition to the lights which they are by this article required to carry and show, and they may also use working lights.
- (f) Every fishing vessel and every fishing boat under 150 feet in length, when at anchor, shall exhibit a white light visible all round the horizon at a distance of at least one mile.

Every fishing vessel of 150 feet in length or upwards, when at anchor, shall exhibit a white light visible all round the horizon at a distance of at least one mile, and shall exhibit a second light as provided for vessels of such length by article 11.

Should any such vessel, whether under 150 feet in length or of 150 feet in length or upwards, be attached to a net or other fishing gear, she shall on the approach of other vessels show an additional white light at least 3 feet below the anchor light, and at a horizontal distance of at least 5 feet away from it in the direction of the net or gear.

- (g) If a vessel or boat when fishing becomes stationary in consequence of her gear getting fast to a rock or other obstruction, she shall in daytime haul down the day signal required by subdivision (i); at night show the light or lights prescribed for a vessel at anchor; and during fog, mist, falling snow, or heavy rainstorms, make the signal prescribed for a vessel at anchor. (See the last paragraph of article 15.)
- (h) In fog, mist, falling snow, or heavy rainstorms, drift-net vessels attached to their nets, and vessels when dredging, or when line-fishing with their lines out, shall, if of 20 tons gross tonnage or upwards, respectively, at intervals of not more than one minute, make a blast; if steam vessels with the whistle or siren, and if sailing vessels, with the fog-horn; each blast to be followed by ringing the bell. Fishing vessels and

moins de 6 pieds ni de plus de 15 pieds, et de manière que la distance horizontale qui les sépare, mesurée en ligne avec la quille du navire, ne soit pas de moins de 5 pieds ni de plus de 10 pieds. Le plus bas de ces deux feux sera dans la direction des fibèts, et tous les deux doivent avoir une portée telle et placés dans des fanaux d'une construction telle qu'ils soient visibles de tous les points de l'horizon à une distance d'au moins 3 milles.

- (c) Les vaisseaux et bateaux, sauf les bateaux non pontés tels que définis à la subdivision (a), pêchant à la ligne avec leurs lignes tendues et attachés à leurs lignes ou les retirant, et lorsqu'ils ne sont pas ancrés ou stationnaires dans le sens de la subdivision (g), porteront les mêmes feux que les vaisseaux pêchant aux filets traînants. Lorsqu'ils jettent leurs lignes ou pêchent avec des lignes traînantes, ils porteront les feux prescrits pour les vaisseaux à vapeur ou à voiles en marche respectivement.
  - (d) Les dragues aux huîtres et autres vaisseaux pêchant à la drague—
- 1. S'ils sont à vapeur, porterent dans la même position que le feu blanc mentionné à l'article 2°(a) un fanal tricolore, construit et fixé de manière à montrer un feu blanc depuis l'avant jusqu'aux quarts de chaque côté, et un feu vert et un feu rouge sur un arc herizontal de deux quarts de chaque côté jusqu'à deux quarts sur l'arrière du travers à tribord et bâberd respectivement; et pas moins de 6 ni plus de 12 pieds audessous du fanal tricolore un feu blanc dans un fanal construit de manière à projeter une lumière uniforme et non interrompue visible de tous les points de l'horizon.
- 2. S'ils sont à voiles, ils porteront un feu blanc dans un fanal, construit de manière à projeter une lumière uniforme et non interrompue tout autour de l'horizon, et à l'approche d'autres vaisseaux, ou en les approchant, ils montreront aussi, là où il sera le mieux aperçu, un feu blanc à éclats ou une torche en temps suffisant pour éviter l'abordage.

Tous les feux mentionnés à la subdivision (d) 1 et 2 seront visibles à une distance d'au moins 2 milles.

- (e) Les vaisseaux et bateaux de pêche pourront en tout temps employer un feu à éclats en sus des feux que le présent article les oblige de porter et montrer, et ils pourront aussi se servir de feux portatifs.
- (f) Chaque vaisseau de pêche et chaque bateau de moins de 150 pieds de longueur, à l'ancre, devra montrer un feu blanc visible de tous les points de l'horizon à une distance d'un mille au moins.

Chaque vaisseau de pêche de 150 pieds de longueur ou plus, à l'ancre, montrera un feu blanc visible de tous les points de l'horizon, à une distance d'au moins un mille, et montrera un deuxième feu tel que prescrit pour les vaisseaux de cette longueur par l'article 11.

Si un tel vaisseau, qu'il ait moins de 150 pieds de longueur, ou ait 150 pieds de longueur ou plus, est attaché à un filet ou autre engin de pêche, il montrera, à l'approche d'autres vaisseaux, un autre feu blanc placé 3 pieds au moins plus bas que le feu de mouillage, et à une distance horizontale d'au moins 5 pieds dans la direction du filet ou engin.

- (9) Si un vaisseau qui fait la pêche devient stationnaire par suite de ce que son engin de pêche s'est accroché à une roche ou à quelque autre obstacle, le jour il descendra la marque prescrite par la subdivision (i), la nuit il montrera le feu ou les feux prescrits pour un vaisseau à l'ancre; et dans les temps de brume, de brouillard, de neige ou de grosses pluies il fera le signal prescrit pour un vaisseau à l'ancre. (Voir le dernier paragraphe de l'article 15.)
- (h) Dans les temps de brume, de brouillard, de neige ou de grosses pluies, les vaisseaux à filets traînants attachés à leurs filets, et les vaisseaux pêchant à la traînée, ou à la ligne avec leurs lignes tendues, devront, s'ils sont de 20 tonneaux de tonnage brut ou plus, respectivement, à des intervalles d'une minute au plus, sonner le sifflet ou la sirène, s'ils sont à vapeur, ou faire résonner le cornet s'ils sont à voiles; chaque son

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boats of less than 20 tons gross tonnage shall not be obliged to give the above-mentioned signals; but if they do not, they shall make some other efficient sound signal at intervals of not more than one minute.

(i) All vessels or boats fishing with nets or lines, when under way, shall in day-time indicate their occupation to an approaching vessel by displaying a basket or other efficient signal where it can best be seen. If vessels or boats at anchor have their gear out, they shall, on the approach of other vessels, show the same signal on the side on which those vessels can pass.

The vessels required by this article to carry or show the lights hereinbefore specified shall not be obliged to carry the lights prescribed by article 4 (a), and the last

paragraph of article 11.

sera suivi d'un coup de cloche. Les vaisseaux de pêche et les bateaux de moins de 20 tonneaux de tonnage brut ne seront pas obligés de donner les signaux ei-dessus, mais sinon, ils feront d'autres signaux à des intervalles d'au moins une minute.

(i) Tous les bateaux ou bateaux pêchant aux filets ou lignes ou dragues, en marche, le jour indiqueront leur occupation à un vaisscau approchant, en déployant un panier ou autre bon signal où il sera le mieux aperçu. Si des vaisseaux ou bateaux à l'ancre ont leurs engins tendus, ils montreront à l'approche d'antres vaisseaux le même signal du côté où peuvent passer ces vaisseaux.

Les vaisseaux que le présent article oblige de porter ou de montrer les fenx cidessus décrits, ne seront pas obligés de porter les feux prescrits par l'article 40 (a) et

le dernier paragraphe de l'article 11.

# RULES OF THE ROAD FOR THE GREAT LAKES

INCLUDING GEORGIAN BAY, THEIR CONNECTING AND TRIBUTARY WATERS, AND THE ST. LAWRENCE RIVER AS FAR EAST AS THE LOWER EXIT OF THE LACHINE CANAL AND THE VICTORIA BRIDGE AT MONTREAL.

# ORDER IN COUNCIL

#### AT THE GOVERNMENT HOUSE AT OTTAWA.

FRIDAY, the 4th day of February, 1916.

#### PRESENT:

HIS ROYAL HIGHNESS THE GOVERNOR GENERAL IN COUNCIL.

Whereas it is considered necessary to revise the rules of the road for the Great Lakes including Georgian Bay, their connecting and tributary waters, etc., adopted by Order in Council of the 20th April, 1905, as owing to the increased use in recent years of motor boats and other small craft on the inland waters, the present rules have become inadequate to meet present conditions.

And whereas the present rules differ from the United States rules of the road for the same waters, and one of the principal objects of the revision is to harmonize the Canadian rules with the United States rules, which object has been accomplished in the revised rules hereto annexed.

And whereas the adoption of the said revised rules is desired by Canadian shipping interests on the Great Lakes.

Therefore His Royal Highness the Governor General in Council, in pursuance of the provisions of section 913 of the Canada Shipping Act, chapter 113 of the Revised Statutes of Canada, 1906, is pleased to order as follows:—

The annexed Revised Rules are hereby adopted as the Rules of the Road for navigating the Great Lakes including Georgian Bay, their connecting and tributary waters and the St. Lawrence river as far east as the lower exit of the Lachine canal and the Victoria bridge at Montreal, the same to take effect on and after the 1st day of March, 1916, and all other rules or regulations adopted by Order in Council governing the navigation of the said waters, and all Orders in Council previously passed adopting such rules or regulations are hereby repealed.

RODOLPHE BOUDREAU,

Clerk of the Privy Council.

# RÈGLEMENTS POUR PRÉVENIR LES ABORDAGES SUR LES GRANDS LACS

SUR LES EAUX DE LA BAIE GEORGIENNE, SUR CELLES LES RELIANT OU EN ÉTANT TRIBUTAIRES. ET SUR LE FLEUVE SAINT-LAURENT, JUSQU'À LA LIMITE ORIENTALE DÉTERMINÉE PAR LA PORTE D'AVAL DE L'ECLUSE INFÉRIEURE DU CANAL LACHINE ET LE PONT VICTORIA, À MONTRÉAL.

# ARRÊTÉ EN CONSEIL

# HÔTEL DU GOUVERNEMENT À OTTAWA.

VENDREDI, le 4e jour de février 1916.

#### PRÉSENT:

Son Altesse Royale le Gouverneur général en conseil.

Attendu qu'il est jugé nécessaire de reviser les règlements régissant la navigation sur les Grands lacs (y compris la baie Georgienne), ainsi que la navigation sur les eaux qui les relient et les eaux tributaires, etc., adoptés par un arrêté en conseil du 20 avril 1915, car à cause de l'augmentation en ces dernières années du nombre de bateaux à moteur et d'autre batellerie sur les eaux de l'intérieur, les présents règlements sont inadéquats dans les conditions actuelles.

Et attendu que les présents règlements diffèrent de ceux des Etats-Unis sur les mêmes eaux et qu'un des buts principaux de la révision est de rendre les règlements canadiens conformes à ceux des Etats-Unis, ce qui est fait dans les règlements revisés ci-annexés.

Et attendu que les intéressés dans la marine marchande sur les Grands lacs désirent l'adoption des dits règlements revisés.

Par conséquent, il plaît à Son Altesse Royale le Gouverneur en conseil, en vertu des dispositions de l'article 913 de la loi de la marine marchande au Canada, chapitre 113 des Statuts revisés du Canada, 1906, de décréter par ces présentes ce qui suit:—

Sont par ces présentes adoptés les règlements revisés ei-annexés concernant la navigation sur les Grands lacs (y compris la baie Georgienne), ainsi que la navigation sur les eaux qui les relient et les eaux tributaires, et le fleuve Saint-Laurent jusqu'à la limite orientale déterminée par la porte d'aval de l'écluse inférieure du canal Lachine et le pont Victoria, à Montréal. Ces règlements seront en vigueur à dater du premier jour de mars 1916, et tous les autres règlements adoptés par arrêté en conseil concernant la navigation des dites caux, et tous les arrêtés en conseil antérieurs promulguant de tels règlements sont par ces présentes rescindés.

RODOLPHE BOUDREAU. Greffier du Conseil privé.

#### RULES FOR NAVIGATING THE GREAT LAKES,

Including Georgian Bay, their connecting and tributary waters and the St. Lawrence River as far East as the lower exit of the Lachine Canal and the Victoria Bridge at Montreal.

#### Preliminary.

In the following rules every steam vessel which is under sail and not under steam shall be considered a sail vessel; and every steam vessel which is under steam, whether under sail or not, shall be considered a steam vessel.

The words steam vessel and steamer shall include any vessel propelled by machinery.

A vessel is under way within the meaning of these rules, when she is not at anchor, or made fast to the shore or aground.

#### LIGHTS.

- RULE 1. The lights mentioned in the following rules and no others shall be carried in all weathers from sunset to sunrise. The word visible in these rules when applied to lights shall mean visible on a dark night with a clear atmosphere.
- Rule 2. Except in the cases hereinafter expressly provided for, a steam vessel when under way shall carry:—
- (a) On or in front of the foremast, or if a vessel without a foremast, then in the forepart of the vessel, at a height above the hull of not less than twenty feet, and if the beam of the vessel exceeds twenty feet, then at a height above the hull not less than such beam, so, however, that such height need not exceed forty feet, a bright white light so constructed as to show an unbroken light over an arc of the horizon of twenty points of the compass, so fixed as to throw the light ten points on each side of the vessel, namely, from right ahead to two points abaft the beam on either side, and of such character as to be visible at a distance of at least five miles.
- (b) On the starboard side, a green light, so constructed as to throw an unbroken light over an arc of the horizon of ten points of the compass, so fixed as to throw the light from right ahead to two points abaft the beam on the starboard side, and of such a character as to be visible at a distance of at least two miles.
- (c) On the port side, a red light, so constructed as to show an unbroken light over an arc of the horizon of ten points of the compass, so fixed as to throw the light from right ahead to two points abaft the beam on the port side, and of such a character as to be visible at a distance of at least two miles.
- (d) The said green and red lights shall be fitted with inboard screens projecting at least three feet ferward from the light, so as to prevent these lights from being seen across the bow.
- (e) A steamer of over one hundred and fifty feet register length shall also carry when under way an additional bright light similar in construction to that mentioned in subdivision (a), so fixed as to throw the light all around the horizon and of such character as to be visible at a distance of at least three miles. Such additional light shall be placed in line with the keel at least fifteen feet higher from the deck and more than seventy-five feet abaft the light mentioned in subdivision (a).
- RULE 3. A steam vessel having a tow other than a raft shall in addition to the forward bright light mentioned in subdivision (a) of rule two carry in a vertical line not less than six feet above or below that light a second bright light of the same con-

## RÈGLEMENTS CONCERNANT LA NAVIGATION SUR LES GRANDS LACS,

Sur les eaux de la baie Georgienne, sur celles les reliant ou en étant tributaires, et sur le fleuve Saint-Laurent, jusqu'à la limite orientale déterminée par la porte d'aval de l'écluse inférieure du canal Lachine et le pont Victoria, à Montréal.

# Dispositions préliminaires.

Pour l'application des articles du présent règlement, tout navire à vapeur faisant route uniquement à la voile, doit être considéré comme étant un navire à voiles; et tout navire à vapeur dont la machine est sous pression, doit être considéré comme navire à vapeur, qu'il se serve ou non de ses voiles.

L'expression "navire à vapeur" comprend tout navire mû par des machines. Un navire "fait route" dans le sens du présent règlement, lorsqu'il n'est pas au mouillage, ou amarré au rivage, ou échoué.

#### FEUX.

ARTICLE 1. Les feux dont il est fait mention dans les articles suivants du présent règlement, sont les seuls qui doivent être montrés depuis le coucher du solcil jusqu'au moment où il se lève.

L'expression "visible" employée dans le présent règlement au sujet des feux,

signifie visible par une nuit noire et eiel clair.

ARTICLE 2. Excepté dans les cas expressément déterminés ei-après, tout navire à

vapeur faisant route doit porter:-

(a) Au mât de misaine ou en avant de ce mât, ou bien, si le navire n'a pas de mât de misaine, sur la partie avant du navire, à une hauteur au-dessus du plat-bord qui ne soit pas inférieur à vingt pieds, et si la largeur du navire dépasse vingt pieds à une hauteur au-dessus du plat-bord au moins égale à cette largeur sans qu'il soit néanmoins nécessaire que cette hauteur au-dessus du plat-bord dépasse quarante pieds, un feu blanc brillant, disposé de manière à montrer une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de vingt quarts ou rumbs de compas, soit 10 quarts de chaque côté du navire, c'est-à-dire depuis l'avant jusqu'à 2 quarts sur l'arrière du travers de chaque bord. Ce feu doit être visible d'une distance d'au moins cinq milles.

(b) A tribord: un feu vert établi de manière à projeter une lumière ininterrompue sur tout le parcours d'un are de l'horizon de 10 quarts ou rumbs du compas, c'est-à-dire depuis l'avant jusqu'à deux quarts sur l'arrière du travers à tribord. Ce

feu doit être visible d'une distance d'au moins deux milles.

(c) A bâbord: un feu rouge établi de manière à projeter une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de 10 quarts ou rumbs du compas, c'està-dire depuis l'avant jusqu'à deux quarts sur l'arrière du travers à bâbord. Ce feu doit être visible d'une distance d'au moins deux milles.

(d) Cés feux de côté, vert et rouge, doivent être mis sur des boîtes ouvertes, ou écrans, placés de chaque côté du navire, dépassant le feu d'au moins trois pieds vers la proue, et construits de manière que le feu vert ne puisse être aperçu de bâbord avant

et le feu rouge de tribord avant.

(e) Tout navire à vapeur de plus de cent einquante pieds de longueur faisant route doit porter un feu additionnel blanc, semblable à celui mentionné au paragraphe (a) disposé de manière à projeter tout autour de l'horizon une lumière claire à une distance d'au moins trois milles. Ce feu additionnel doit être placé dans le plan de la quille à quinze pieds au moins au-dessus du pont et à une distance de plus de soixante et quinze pieds en arrière du feu mentionné au paragraphe (a).

ARTICLE 3. Tout navire à vapeur qui remorque autre chose qu'un train de bois flotté, doit porter en outre du feu blanc brillant de l'avant, mentionné au paragraphe (a) de l'article deux, un deuxième feu blanc brillant semblable au feu susdit, men-

struction and character and fixed and carried in the same manner as the forward bright light mentioned in said subdivision (a) of rule two. Such steamer shall also carry a small bright light abaft the funnel or aftermast for the tow to steer by, but such light shall not be visible forward of the beam.

Rule 4. A steam vessel having a raft in tow shall, instead of the forward lights mentioned in rule three, carry on or in front of the foremast, or if a vessel without a foremast then in the forepart of the vessel, at a height above the hull of not less than twenty feet, and if the beam of the vessel exceeds twenty feet, then at a height above the hull not less than such beam, so however, that such height need not exceed forty feet, two bright lights in a horizonal line athwartships and not less than eight feet apart, each so fixed as to throw the light all around the horizon and of such character as to be visible at a distance of at least five miles. Such steamer shall also carry the small bright steering light aft, of the character and fixed as required in rule three.

RULE 5. A sailing vessel under way and any vessel being towed shall carry the side-lights mentioned in rule two.

A vessel in tow shall also carry a small bright light aft, but such light shall not be visible forward of the beam.

RULE 6. Whenever, as in the case of small vessels under way during bad weather, the green and red side-lights can not be fixed, these lights shall be kept at hand lighted and ready for use, and shall, on the approach of or to other vessels, be exhibited on their respective sides in sufficient time to prevent collision, in such manner as to make them most visible, and so that the green light shall not be seen on the port side, nor the red light on the starboard side, nor, if practicable, more than two points abaft the beam on their respective sides. To make the use of these portable lights more certain and easy, they shall be painted outside with the colour of the light they respectively contain, and shall be provided with suitable screens.

RULE 7. A vessel under one hundred and fifty feet register length, when at anchor, shall earry forward, where it can best be seen, but at a height not exceeding twenty feet above the hull, a white light in a lantern constructed so as to show a clear, uniform, and unbroken light, visible all around the horizon, at a distance of at least one mile.

A vessel of one hundred and fifty feet or upward in register length, when at anchor, shall earry in the forward part of the vessel, at a height of not less than twenty and not exceeding forty feet above the hull, one such light, and at or near the stern of the vessel, and at such a height that it shall not be less than fifteen feet lower than the forward light, another such light,

Rule 8. Open boats shall not be obliged to carry the side-lights required for other vessels, but shall, if they do not carry such lights, carry a lantern baving a green slide on one side and a red slide on the other side; and on the approach of or to other vessels, such lantern shall be exhibited in sufficient time to prevent collision, and in such a manner that the green light shall not be on the port side, nor the red light on the starboard side. Open boats, when at anchor or stationary, shall exhibit a bright white light. They shall not, however, be prevented from using a flare-up in addition if considered expedient.

tionné au paragraphe (a) de l'article deux, et disposé verticalement à une distance de six pieds au moins au-dessus ou au-dessous de ce premier feu. Tel navire à vapeur doit aussi porter un petit feu blanc brillant en arrière de la cheminée ou du mât d'artimon, pour permettre au navire remorqué de gouverner, mais ce feu ne doit pas être visible en avant du maître-bau.

ARTICLE 4. Tout navire à vapeur qui remorque un train de bois flotté, doit, au lieu des feux de l'avant mentionnés à l'article 3, porter au mât de misaine ou en avant de ce mât, ou bien si le navire n'a pas de mât de misaine, sur la partie avant du navire, à une hauteur au-dessus du plat-bord qui ne soit pas inférieure à vingt pieds. et si la largeur du navire dépasse vingt pieds à une hauteur au-dessus du plat-bord au moins égale à cette largeur, sans qu'il soit nécessaire que cette hauteur au-dessus du plat-bord dépasse quarante pieds, deux feux blancs brillants horizontaux, disposés en travers du navire, à une distance d'au moins huit pieds l'un de l'autre et de manière à projeter tout autour de l'horizon une lumière claire ininterrompue, à une distance d'au moins cinq milles. Tel navire à vapeur doit aussi porter le petit feu blanc brillant du mât d'artimon, mentionné à la fin de l'article 3.

ARTICLE 5. Tout voilier faisant route doit porter les feux de côté mentionnés à l'article 2; et, tout navire remorqué doit aussi porter ces mêmes feux.

Tout navire remorqué doit en outre porter à l'arrière un petit feu blanc brillant, feu qui ne doit pas être visible en avant du maître-bau.

ARTICLE 6. Lorsqu'un navire faisant route par gros temps à des dimensions trop petites pour que ses feux de côté, vert et rouge, puissent être fixés de manière permanente, ces feux doivent, néanmoins, être tenus allumés sur le pont, chacun sur le côté réglementaire, afin que l'on puisse s'en servir instantanément. Ils doivent être montrés chacun, selon le besoin, et du bon côté, à tout bâtiment qui s'approcherait du navire qui les porte, ou dont ce dernier s'approcherait, et ce, assez à temps pour prévenir un abordage. Cette manœuvre doit être faite de telle manière que les feux de côté soient aussi visibles que possible, et présentés de telle sorte que le feu vert ne puisse être aperçu du côté de bâbord, ni le feu rouge du côté de tribord, si la chose est praticable, à plus de deux quarts en arrière du travers de chacun des côtés du navire. Pour rendre l'application de cet article du règlement plus facile et plus certaine, les fanaux doivent être peints extérieurement de la couleur du feu qu'ils contiennent, et ils doivent, de plus être pourvus d'écrans convenables.

ARTICLE 7. Un navire de moins de cent cinquante pieds de longueur, lorsqu'il est au mouillage, doit porter à l'avant dans l'endroit où il peut être le plus apparent, mais à une hauteur n'excédant pas vingt pieds au-dessus du plat-bord, un feu blanc dans un fanal disposé de manière à projeter tout autour de l'horizon une lumière claire, uniforme et non interrompue à une distance d'au moins un mille.

Un navire de cent cinquante pieds ou plus de longueur, lorsqu'il est au mouillage, deit porter à la partie avant à une hauteur au-dessus du plat-bord de vingt pieds au moins, et de quarante pieds au plus, un feu semblable à celui mentionné plus haut, et à l'arrière ou près de l'arrière un second feu pareil qui doit être à une hauteur telle qu'il ne se trouve pas à moins de 15 pieds plus bas que celui de l'avant.

ARTICLE 8. Les embarcations ouvertes ne sont pas obligées de porter les feux de côté que l'on exige des navires, mais elles doivent, si elles ne les portent pas, porter un fanal émettant une lumière verte d'un côté et rouge de l'autre; fanal qui doit être présenté assez à temps pour éviter tout abordage et de telle sorte que le feu vert ne puisse être aperçu du côté de bâbord ni le feu rouge du côté de tribord. Les embarcations ouvertes, doivent, lorsqu'elles sont au mouillage ou stationnaires, montrer un feu blanc brillant. On ne les empêche pas cependant de montrer par surcroît un feu intermittent, si cela est opportun.

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RULE 9. Sailing vessels shall at all times, on the approach of any steamer during the nighttime, show a lighted torch upon that quarter to which such steamer shall be approaching.

# Lights for tugs under 30 tons register (net) whose principal business is harbour towing.

Rule 10. This under 30 tons register (nct) whose principal business is harbour towing, shall carry the red and green side-lights carried by other steamers; and, at the foremast head, or, if the steamer has no foremast, then on top of the pilot house, a white light so constructed as to show a uniform and unbroken light over an are of the horizon of 20 points of the compass, and so fixed as to throw the light 10 points on each side of the vessel, namely, from right ahead to 2 points abaft the beam on either side, and of such a character as to be visible at a distance of at least 3 miles; and when towing, except when towing a raft, shall carry an additional white light of same character and construction as the headlight, and hung not less than 3 feet vertically above or below the headlight.

When towing a raft, the two headlights shall be carried in a horizontal line athwartships not less than 4 feet apart, each so fixed as to throw the light all around the horizon, and of such a character as to be visible at a distance of at least 3 miles.

# Lights to be carried by ferryboats.

Rule 11. Ferryboats propelled by steam or machinery shall carry the white light or lights and the coloured side-lights required by these rules to be carried on steam vessels, except that double-end ferryboats shall carry a central range of clear, bright, white lights, showing all around the horizon, placed at equal altitudes forward and aft, also on the starboard side a green light, and on the port side a red light, of such a character as to be visible on a dark night with a clear atmosphere at a distance of at least 2 miles, and so constructed as to show a uniform and unbroken light over an are of the horizon of 10 points of the compass, and so fixed as to throw the light from right ahead to 2 points abaft the beam on their respective sides.

The green and red lights shall be fitted with inboard screens projecting at least 3 feet forward from the lights, so as to prevent them from being seen across the bow.

# Lights for canal boats in tow of steam vessels.

Rule 12. Canal boats when in tow of steam vessels shall carry lights as follows:— Canal boats when towed astern of steam vessels and towed singly or tandem shall each carry a green light on the starboard side, a red light on the port side, and a small bright white light aft.

When canal boats are towed of a howser in one or more tiers, two or more abreast, the boat on the starboard side of each tier shall carry a green light on her starboard side, and the boat on the port side of each tier shall carry a red light on her port side, and each of the outside boats in the last tier shall also carry a small bright light aft.

When a canal boat is towed olongside and on the starboard side of a steamer, the boat towed shall carry a green light on the starboard side; and when towed on the port side of a steamer, the boat towed shall carry a red light on the port side.

ARTICLE 9. Les voiliers doivent en tout temps, durant la nuit, lorsqu'un navire à vapeur s'approche d'eux, montrer une torche allumée du côté où se trouve le vapeur qui approche.

# Feux des remorqueurs ayant un tonnage net de moins de 30 tonneaux et principalement employés à faire du remorquage dans les ports.

ARTICLE 10. Les remorqueurs ayant un tonnage net de moins de 30 tonneaux et principalement employés à faire du remorquage dans les ports, doivent porter les feux de côté vert et rouge que portent les autres vapeurs, et, en tête du mât de misaine ou bien si ce remorqueur à vapeur n'a pas de mât de misaine, sur le haut du kiosque du pilote, un feu blanc brillant, disposé de manière à montrer une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de 20 quarts ou rumbs du eompas, soit 10 quarts de chaque côté du navire, c'est-à-dire, depuis l'avant jusqu'à 2 quarts sur l'arrière du travers de chaque bord. Ce feu doit être visible à une distance d'au moins 3 milles. Lorsqu'un remorqueur fait du remorquage autre que celui d'un train de bois flotté, il doit porter un feu blanc additionnel semblable au feu de tête de mât et suspendu verticalement à une distance d'au moins trois pieds au-dessus ou au-dessous du feu de tête de mât.

Lorsqu'un remorqueur remorque un train de bois flotté, les deux feux de tête de mât doivent être disposés horizontalement en travers du navire, à une distance d'au moins quatre pieds l'un de l'autre, de manière à projeter tout autour de l'horizon, une lumière claire, uniforme et ininterrompue à une distance d'au moins trois milles.

## Feux que doivent porter les bacs.

ARTICLE 11. Les bacs dont la progression est obtenue par l'emploi de la vapeur ou de machines, doivent porter le ou les feux blanes et les feux de couleur des côtés que ce règlement exige des navires à vapeur; et les bacs à proue double, c'est-à-dire, dont la poupe est remplacée par une seconde proue, doivent porter dans le plan de leur ligne médiane longitudinale ou axe, un alignement de feux blanes brillants disposés de manière à projeter tout autour de l'horizon une lumière elaire. Ces feux doivent être portés à une même hauteur à l'avant et à l'arrière du bac qui, de plus, doit porter sur ses côtés un feu vert à tribord et un feu rouge à bâbord. Ces derniers feux devront être visibles par nuit noire et ciel clair à une distance d'au moins deux milles. Ils doivent être disposés de manière à montrer une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de 10 quarts ou rumbs du compas, e'est-à-dire depuis l'avant jusqu'à 2 quarts sur l'arrière du travers de chaque bord.

Ces feux de côté, vert et rouge, doivent être mis sur des boîtes ouvertes, ou écrans, dépassant le feu d'au moins trois pieds vers la proue, et construits de manière que le feu vert ne puisse pas être aperçu de bâbord avant et le feu rouge de tribord avant.

# Feux que doivent porter les bateaux naviguant sur les canaux, lorsqu'ils sont remorqués par des navires à vapeur.

ARTICLE 12. Les bateaux naviguant sur les canaux doivent, lorsqu'ils sont remorqués un à la fois ou en tandem à l'arrière de navires à vapeur, porter un feu vert du côté de tribord, un feu rouge du côté de bâbord et un petit feu blanc brillant à l'arrière.

Lorsque des bateaux naviguant sur les eanaux sont remorqués à l'aide d'une haussière sur plusieurs rangées, de deux bateaux ou plus de front, le bateau se trouvant à tribord de chaque rangée doit porter un feu de côté vert à tribord, et le bateau se trouvant à bâbord de chaque rangée doit porter un feu de côté rouge à bâbord; cependant que chacun des bateaux se trouvant aux extrémités de la dernière rangée doit, en outre, porter à l'arrière un petit feu blane brillant.

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When two canal loats are towed alongside of a steamer, one on the starboard and one on the port side, the starboard boat shall earry a green light on the starboard side

and the port boat shall earry a red light on the port side.

The coloured side-lights referred to in these rules for eanal boat in tow of steam vessels shall be fitted with inboard screens, so as to prevent them from being seen across the bow, and of such a character as to be visible on a dark night, with a clear atmosphere, at a distance of at least 2 miles, and so constructed as to show a uniform and unbroken light over an are of the horizon of 10 points of the compass, and so fixed as to throw the light from right ahead to 2 points abaft the beam on either side. The minimum size of glass globes shall not be less than 6 inches in diameter and 5 inches high in the clear.

The small bright white light aft required to be carried on canal boats in tow shall

not be visible forward of the beam.

# Lights for water craft propelled by hand power, horse power, or by the current of the river.

Rule 13. Any vessel propelled by hand power, horse-power, or by the current of the river, navigating any bay, harbour, or river, or which shall be anchored or moored in or near the channel or fairway of any bay, harbour, or river, except rafts and rowing boats under oars, shall carry one white light forward not less than 8 feet above the surface of the water, which light shall be carried, from sunset to sunrise, in a lantern so fixed and constructed as to show a clear, uniform, and unbroken light, visible all around the horizon, and of such intensity as to be visible on a dark night with a clear atmosphere at a distance of at least 1 mile.

Rowing boats under oars shall have ready at hand a lantern showing a white light which shall be temporarily exhibited in sufficient time to prevent collision.

# Lights for rafts.

Rule 14. Rafts propelled by hand power, horse-power, or by the current of the river, or in tow, or which shall be anchored or moored in or near a channel or fairway of other vessels, shall carry lights as follows:—

Rafts of one crib and not more than two in length shall carry one white light. Rafts of three or more cribs in length and one crib in width shall carry one white light at end of the raft. Rafts or more than one crib abreast shall carry one white light on each outside corner of the raft, making four lights in all.

Bag or boom rafts navigating or anchored in the fairway of any bay, harbour, or river shall carry a bright white light at each end of the raft, and one of such lights on each side midway between the forward and after ends.

The white light required by these rules for rafts shall be carried, from sunset to sunrise, in a lantern so fixed and constructed as to show a clear, uniform, and unbroken

Lorsqu'un bateau naviguant sur les eanaux est remorqué le long du bord d'un vapeur du côté de tribord, ce bateau remorqué doit porter un feu de côté vert à tribord. Quand le bateau remorqué le long du bord d'un vapeur se trouve du côté de bâbord de ce vapeur, ee bateau remorqué doit porter un feu de côté rouge à bâbord.

Lorsque deux bateaux naviguant sur les eanaux sont remorqués le long des bords d'un vapeur, l'un du côté de tribord et l'autre du côté de bâbord, le bateau à tribord doit porter un feu de côté vert à tribord et le bateau à bâbord un feu de côté rouge à bâbord.

Les feux de côté de couleur, dont il est question dans ce règlement lorsqu'il s'agit de bateaux naviguant sur des canaux, mais qui sont remorqués par des vapeurs, doivent être pourvus de boîtes ouvertes ou écrans construits de telle sorte que le feu vert ne puisse être aperçu de bâbord avant, et le feu rouge de tribord avant. Ces feux de côté doivent être établis de manière à projeter une lumière ininterrompue sur tout le parcours d'un arc de l'horizon do 10 quarts ou rumbs du compas, c'est-à-dire, depuis l'avant jusqu'à deux quarts sur l'arrière du travers de chaque bord. Ils doivent, en outre, être visibles à une distance d'au moins deux milles, par nuit noire et ciel clair. Les globes des fanaux contenant ces feux ne doivent pas avoir moins de 6 pouces de diamètre et être découverts sur une hauteur d'au moins 5 pouces.

Quant au petit feux blanc brillant de l'arrière que doivent porter les bateaux naviguant sur les canaux, lorsqu'ils sont remorqués, il ne doit pas être aperçu en avant du maître-bau.

# Feux que doivent porter les bâtiments dont la progression est due à la force humaine, à celle de chevaux ou au courant d'un cours d'eau.

ARTICLE 13. Tout navire dont la pragression est due à la force humaine, à celle de chevaux ou au courant d'un cours d'eau, qui navigue dans une baie, dans un port ou sur un cours d'eau, ou qui est mouillé ou amarré dans ou près d'un chenal ou passe, d'une baie, d'un port ou d'un cours d'eau, exception étant faite quant aux trains de bois flotté et aux embarcations marchant à l'aviron, doit montrer à l'avant, depuis le eoucher du soleil jusqu'au moment où il se lève, un feu blanc brillant, porté dans un fanal établi à une distance d'au moins 8 pieds au-dessus de la surface de l'eau, de manière à projeter tout autour de l'horizon une lumière elaire à une distance d'au moins 1 mille, par nuit noire et ciel clair.

Les embarcations marchant à l'aviron doivent toujours avoir prêt un fanal garni, pour feu blanc, qui, au besoin, doit être montré assez à temps pour prévenir tout abordage.

# Feux que doivent porter les trains de bois flotté.

ARTICLE 14. Les trains de bois flotté dont la progression est due à la force humaine, à celle de chevaux ou au courant d'un cours d'eau, ou qui sont remorqués, ou mouillés, ou amarrés dans ou près d'une passe ou chenal fréquenté par des navires, doivent porter les feux suivants:—

Les trains de bois flotté longs d'une part (crib) ou de deux parts au plus, doivent porter un feu blanc. Les trains de bois flotté longs de trois parts ou plus et de la largeur d'une part doivent porter un feu blanc à chacune des extrémités du train. Quant aux trains de bois flotté ayant une largeur supérieure à celle d'une part, dans le sens de leur progression, ils doivent porter un feu blanc à chacun de leurs angles extérieurs, c'est-à-dire, quatre feux en tout.

Les trains de bois flotté contenus danz une panne (boom) et qui se déplacent ou sont mouillés dans la passe d'une baie, dans un port, ou sur une rivière, doivent porter un feu blanc brillant à chacune de leurs extrémités, et un feu semblable sur chacun de leurs côtés, à mi-distance entre la tête et la queue de chaque train.

Tout feu blanc dont cet artiele du règlement exige la présence sur les trains de bois flotté, depuis le coucher du soleil jusqu'au moment où il se lève, doit être émis par

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light, visible all around the horizon, and of such intensity as to be visible on a dark night with a clear atmosphere at a distance of at least 1 mile; which lights shall be suspended from poles of such height that the light shall be not less than 8 feet above the surface of the water.

## Lights and day marks for vessels not under command.

Rule 15. A vessel which from any accident is not under command shall carry at the same height as the white light mentioned in rule 2 (a), where they can best be seen, and, if a steam vessel, in lieu of that light, 2 red lights, in a vertical line, one over the other, not less than 6 feet apart, and of such a character as to be visible all around the horizon at a distance of at least 2 miles; and shall by day carry in a vertical line one over the other not less than six feet apart, where they can best be seen, 2 black balls or shapes each 2 feet in diameter.

# Rules prohibiting the carrying of unauthorized lights on steam vessels.

Rule 16. No master or pilot of any steam vessel shall authorize or permit to be carried, any light, electric, or otherwise, not required by these rules, on the outside structure of the cabin or hull of the vessel that in any way will interfere with distinguishing the signal lights.

RULE 17. No master or pilot of any steam vessel shall flash or cause to be flashed the rays of the searchlight into the pilot house of any passing vessel.

#### FOG SIGNALS.

Rule 18. A steam vessel shall be provided with an efficient whistle, sounded by steam or by some substitute for steam, placed before the funnel not less than eight feet from the deck, or in such other place where the sound will not be intercepted by an obstruction and of such character as to be heard in ordinary weather at a distance of at least two miles, and with an efficient bell, and it is hereby made the duty of inspectors of steam vessels when inspecting the same to see that each steamer is furnished with such whistle and bell. A sailing vessel shall be provided with an efficient fog-horn and with an efficient bell.

Whenever there is thick weather by reason of fog, mist, falling snow, heavy rainstorms, or other causes, whether by day or by night, fog signals shall be used as follows:—

- (a) A steam vessel under way, excepting only a steam vessel with raft in tow, shall sound at intervals of not more than one minute three distinct blasts of her whistle.
- (b) Every vessel in tow of another vessel shall, at intervals of one minute, sound four bells on a good and efficient and properly placed bell as follows: By striking the bell twice in quick succession, followed by a little longer interval, and then again striking twice in quick succession (in the manner in which four bells is struck in indicating time).
- (c) A steamer with a raft in tow shall sound at intervals of not more than one minute a screeching or Modoc whistle for from three to five seconds.

un fanal suspendu à une perche, de telle manière que le feu se trouve à une distance d'au moins 8 pieds au-dessus de l'eau, le fanal devant être établi de manière à projeter tout autour de l'horizon une lumière claire et ininterrompue, à une distance d'au moins 1 mille, par nuit noire et ciel clair.

## Feux et voyants pour navires ne gouvernant pas.

ARTICLE 15. Tout navire qui par suite d'un accident ne gouverne pas, doit porter à la même hauteur que le feu blanc mentionné à l'article 2 (a) à l'endroit le plus apparent et si c'est un navire à vapeur au lieu dudit feu, deux feux rouges verticaux disposés l'un au-dessus de l'autre à une distance d'au moins 6 pieds, de manière à projeter une lumière visible tout autour de l'horizon à une distance d'au moins deux milles; et durant le jour il doit porter deux formes ou ballons noirs verticaux, de 2 pieds de diamètre chaeun, à l'endroit le plus apparent et à une distance d'au moins 6 pieds l'un au-dessus de l'autre.

# Il est défendu de porter sur les navires à vapeur des feux non autorisés.

ARTICLE 16. Nul capitaine ou pilote d'un navire à vapeur ne doit autoriser ou permettre de porter à l'extérieur des cabines ou de la coque de son bâtiment, un feu électrique ou autre non autorisé par ce règlement, et qui peurrait de quelque façon empêcher de bien reconnaître les feux de signaux du bord.

# Article concernant l'emploi des projecteurs.

ARTICLE 17. Nul capitaine ou pilote d'un navire à vapeur ne doit projecter ou faire projecter les rayons d'un projecteur lumineux sur le kiosque du pilote d'un navire qu'il rencontre.

# Signaux de brume.

ARTICLE 18. Tout navire à vapeur doit être pourvu d'un bon sifflet à vapeur, ou d'un bon dispositif analogue, établi en avant de la cheminée à une distance d'au meins huit pieds au-dessus du pont, ou à tel autre endroit du bâtiment où les ondes sonores émises ne soient pas interceptées par des obstacles; la construction de ce sifflet doit être telle que par temps ordinaire le son qu'il émet puisse être entendu à une distance d'au moins deux milles. Tout vapeur doit, en outre, être pourvu d'une bonne cloche. Par les présentes il est enjoint aux inspecteurs des bateaux à vapeur de se rendre cempte, au cours de leurs inspections, de la présence à bord de tout navire: du sifflet et de la cloche susmentionnés. Tout voilier doit être pourvu d'un bon cornet à bouquin et d'une bonne cloche.

Lorsque de jour ou de nuit le temps est gros, par suite de brume, de brouillard, de neige, de forte pluie, ou de toute autre cause, on doit faire les signaux suivants:—

- (a) Tout navire à vapeur faisant route, doit, sauf s'il remorque un train de bois flotté, donner à intervalles ne dépassant pas une minute, trois sons distincts de son sifflet.
- (b) Tout navire remorqué par un bâtiment doit, à intervalles d'une minute, piquer quatre coups de cloche sur une bonne cloche convenablement placée, et ce de la manière suivante: frapper deux coups brefs successifs, suivis d'un intervalle de temps un peu plus long, puis deux autres coups brefs successifs (ainsi qu'on le fait pour piquer les quatre coups de cloche de l'heure à bord).
- (c) Tout vapeur qui remorque un train de bois fletté doit, à intervalles ne dépassant pas une minute, donner un coup de sifflet perçant—sifflet Modoc,—long de trois à cinq secondes.

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(d) A sailing vessel under way and not in tow shall sound at intervals of not more than one minute—

If on the starboard tack with wind forward of a beam, one blast of her fog-horn; If on the port tack with wind forward of the beam, two blasts of her fog-horn;

If she has the wind abaft the beam on either side; three blasts of her fog-horn.

- (e) Any vessel at anchor and any vessel aground in or near a channel or fairway shall at intervals of not more than two minutes ring the bell rapidly for three to five seconds.
- (f) Vessels of less than ten tons registered tonnage, not being steam vessels, shall not be obliged to give the above-mentioned signals, but if they do not they shall sound a fog horn, or equivalent signal, at intervals of not more than one minute.
- (g) Produce boats, fishing boats, rafts, or other water craft navigating by hand power or by the current of the river, or anchored or moored in or near the channel or fairway and not in any port, and not otherwise provided for in these rules, shall sound a fog-horn, or equivalent signal, at intervals of not more than one minute.

## Speed to be moderate in fog, and so forth.

Rule 19. Every vessel shall, in thick weather, by reason of fog, falling snow, heavy rainstorms, or other causes, go at moderate speed. A steam vessel hearing, apparently not more than four points from right ahead, the fog-signal of another vessel shall at once reduce her speed to have steerageway, and navigate with caution until the vessels shall have passed each other.

#### STEERING AND SAILING RULES.

#### Preliminary.

Risk of collision can, when circumstances permit, be ascertained by carefully watching the compass bearing of an approaching vessel. If the bearing does not appreciably change, such risk should be deemed to exist.

# Sailing vessels.

- Rule 20. When two sailing vessels are approaching one another so as to involve risk of collision one of them shall keep out of the way of the other, as follows, namely:—
- (a) A vessel which is running free shall keep out of the way of a vessel which is closehauled.
- (b) A vessel which is closehauled on the port tack shall keep out of the way of a vessel which is closehauled on the starboard tack.
- (c) When both are running free, with the wind on different sides, the vessel which has the wind on the port side shall keep out of the way of the other.
- (d) When they are running free, with the wind on the same side, the vessel which is to windward shall keep out of the way of the vessel which is to leeward.

- (d) Tout voilier faisant route, sans être remorqué, doit, à intervalle ne dépassant pas une minute: (s'il a ses amures à tribord et le vent sur l'avant du travers, donner un son de son cornet à bouquin). (S'il a ses amures à bâbord et le vent sur l'avant du travers, donner deux sons de son cornet à bouquin.) (S'il a le vent sur l'arrière du travers de l'un ou de l'autre bord, donner trois sons de son cornet à bouquin.)
- (e) Tout navire au mouillage ou échoué dans ou près d'un chenal ou d'une passe doit à intervalles ne dépassant pas deux minutes, frapper des coups de cloche rapides pendant un laps de temps variant de trois à cinq secondes.
- (f) Les navires, non à vapeur, qui jaugent moins de dix tonneaux nets, ne sont pas tenus de faire les signaux susmentionnés, toutefois s'ils ne font pas ces signaux, ils doivent faire un signal phonique quelconque à même d'être entendu, et qui soit répété à des intervalles de silence ne dépassant pas une minute.
- (g) Les bateaux transportant des denrées, les hateaux de pêche, les trains de bois flotté et autres bâtiments, dont la progression est due à la force humaine ou au courant d'un cours d'eau, ou ceux qui sont mouillés ou amarrés dans ou près d'un chenal ou passe ne se trouvant pas dans un port, et pour lesquels aucun signal n'aurait été spécialement déterminé dans ce règlement, doivent donner des sons à l'aide d'un cornet à bouquin ou autre instrument analogue, à des intervalles de silence ne dépassant pas une minute.

# Diminution de vitesse par temps brumeux, etc.

ARTICLE 19. Tout navire doit marcher à une vitesse modérée, lorsque le temps est gras (thick weather), c'est-à-dire lorsque l'horizon n'est pas entièrement visible, par suite de brume, de brouillard, de neige, d'une forte pluie ou de toute autre cause. Tout vapeur qui entend le signal phonique de brume d'un autre navire, provenant apparemment des quatre quarts d'un bord ou de l'autre de son avant (avant du navire entendant le son), doit immédiatement modérer sa vitesse, n'en conservant que juste assez pour obéir à l'action du gouvernail, et naviguer avec précaution jusqu'à ce que les deux bâtiments se soient dépassés.

#### REGLES DE NAVIGATION.

# Notions préliminaires.

Risques d'abordage.—On peut s'assurer des risques d'abordage, lorsque les circonstances le permettent, en guettant soigneusement l'orientation d'un navire qui approche. Si cette orientation ne change pas sensiblement, ces risques sont censés exister.

#### Navires à voiles.

ARTICLE 20. Lorsque deux navires à voiles s'approchent l'un de l'autre de manière qu'il y ait risque d'abordage, l'un d'eux doit s'écarter de la route de l'autre, comme suit, savoir:—

- (a) Tout navire qui a du largue doit s'écarter de la route d'un navire qui est au plus près.
- (b) Tout navire qui est au plus près et a les amures à bâbord, doit s'écarter de la route d'un navire qui est aussi au plus près mais qui a les amures à tribord.
- (c) Lorsque deux navires à voiles ont du largue et reçoivent le vent sur des côtés différents, celui qui reçoit le vent à bâbord doit s'écarter de la route de celui qui le reçoit à tribord.
- (d) Lorsque deux navires à voiles ont du largue et reçoivent le vent du même côté, celui qui est au vent doit s'écarter de la route de celui qui est sous le vent.

#### Steam vessels.

#### SIGNALS.

Rule 21. In all weathers every steam vessel under way in taking any course authorized or required by these rules shall indicate that course by the following signals on her whistle, to be accompanied, whenever required, by corresponding alteration of her helm; and every steam vessel receiving a signal from another shall promptly respond with the same signal or sound the danger signal as provided in Rule 22:—

One blast means: "I am directing my course to starboard," except when two steamers are approaching each other at right angles or obliquely, other than when one steamer is overtaking another, one short blast signifies intention of steamer which is to starboard of the other to hold course and speed.

Two blasts mean: "I am directing my course to port."

Rule 22. If, when steamers are approaching each other, the pilot of either vessel fails to understand the course or intention of the other, whether from signals being given or answered erroneously, or from other causes, the pilot so in doubt shall immediately signify the same by giving the Danger Signal of five or more short and rapid blasts of the whistle; and if both vessels shall have approached within half a mile of each other, both shall be immediately slowed to a speed barely sufficient for steerageway, and, if necessary, stopped and reversed, until the proper signals are given, answered, and understood, or until the vessels shall have passed each other.

Rule 23. Steam vessels are forbidden to use what has become technically known among pilots as "Cross signals"—that is, answering one whistle with two, and answering two whistles with one. In all cases, and under all circumstances, a pilot receiving either of the whistle signals provided in the rules, which for any reason he deems injudicious to comply with, instead of answering it with a cross signal, shall at once sound the danger signal and observe the rule applying thereto (Rule 22).

RULE 24. The SIGNAL FOR PASSING, by the blowing of the whistle, shall be given and answered by pilots in compliance with these rules, not only when meeting "head and head," or nearly so, but at all times when passing or meeting at a distance within a half mile of each other, and whether passing to the starboard or port.

#### Situations.

RULE 25. When steamers are APPROACHING EACH OTHER "HEAD AND HEAD," OR NEARLY 50, it shall be the duty of each steamer to pass on the port side of the other; and the pilot of either steamer may be first in determining to pursue this course, and thereupon shall give, as a signal of his intention, one short and distinct blast of his whistle, which the pilot of the other steamer shall answer promptly by a similar blast of his whistle, and thereupon such steamers shall pass on the port side of each other. But if the courses of such steamers are so far on the starboard of each other as not to be considered by pilots as meeting "head and head," or nearly so, the pilot so first deciding shall immediately give two short and distinct blasts of his whistle, which the pilot of the

## Navires à vapeur.

#### SIGNAUX.

ARTICLE 21. Par tous les temps tout vapeur faisant route doit, en prenant une route autorisée ou exigée par ce règlement, indiquer cette route à l'aide des signaux suivants, faits à l'aide de sons de son sifflet, signaux qui selon les besoins du moment doivent être immédiatement suivis de la manœuvre eorrespondante de la barre. Tout vapeur qui perçoit le signal phonique d'un autre navire doit y répondre par le même signal, ou donner les sons du signal du danger, tels que mentionnés à l'article 22 de ce règlement.

Un coup de sifflet signifie: "Je me dirige sur tribord", excepté s'il s'agit de deux vapeurs qui s'approchent l'un de l'autre à angle droit ou obliquement, mais non de deux vapeurs dont l'un atteindrait l'autre. Un coup de sifflet bref signifie que le vapeur qui se trouve à tribord de l'autre entend poursuivre sa route sans ralentir sa marche.

Deux coups de sifflet signifient: "Je me dirige sur bâbord."

ARTICLE 22. Si lorsque deux vapeurs s'approchent l'un de l'autre, l'homme de barre de l'un d'eux manque de comprendre la route que l'autre navire suit, ou a l'intention de suivre, soit que les signaux aient été mal faits ou mal compris, ou pour tout autre raison, l'homme de barre qui est dans le doute doit immédiatement faire part de son doute en faisant le signal du danger, c'est-à-dire, en donnaut einq coups de sifflet brefs, ou plus; que, si les deux navires se sont approchés l'un de l'autre à une distance d'un demi-mille, tous deux doivent alors ralentir leur marche de manière à pouvoir tout juste gouverner, et, si nécessaire, ils doivent stopper et renverser leur marche jusqu'à ce que les signaux convenables aient été faits, qu'il y ait été répondu, et qu'on les ait compris, ou jusqu'à ce que les navires se soient dépassés réciproquement.

ARTICLE 23. Il est défendu aux navires à vapeur de faire ce qu'on est convenu de nommer en termes techniques, parmi les navigateurs, des signaux contraires "crosssignals," c'est-à-dire, répondre à un coup de sifflet par deux coups de sifflet, et à deux coups de sifflet par un coup de sifflet. Dans tous les cas et en toutes circonstances où un homme de barre entend un des coups de sifflet mentionnés dans ce règlement, et dont pour une raison quelconque il juge à propos de ne pas tenir compte, il doit au lieu de répondre par un signal contraire faire immédiatement le signal du danger et observer les dispositions prescrites ci-dessus (article 22).

ARTICLE 24. Les signaux phoniques au sifflet que doit faire un navire voulant en dépasser un autre, doivent être faits par les hommes de barre en conformité de ce règlement, et on doit y répondre aussi en conformité de ce règlement, non seulement lorsque deux navires se rencontrent faisant route "l'un sur l'autre" ou presque, mais en tout temps lorsque deux bâtiments se dépassent ou se rencontrent à un demi-mille l'un de l'autre, et ceci soit qu'un navire passe à tribord ou à bâbord de l'autre.

#### Position des bâtiments.

ARTICLE 25. Lorsque deux vapeurs marchent "l'un sur l'autre", ou presque, chaeun d'eux doit passer à bâbord de l'autre, et l'homme de barre de l'un ou de l'autre de ces bâtiments peut être le premier à se décider à manœnvrer de la sorte, en conséquence de quoi il doit faire le signal notifiant son intention, c'est-à-dire, donner un son bref et distinet de son sifflet à vapeur, auquel l'homme de barre de l'autre vapeur doit répondre promptement par un pareil coup de sifflet, et les deux vapeurs doivent alors passer à bâbord l'un de l'autre; que si les routes suivies par les deux vapeurs se trouvent tellement à tribord l'une de l'autre que les hommes de barre soient d'avis que les deux navires ne marchent pas "l'un sur l'autre", ou presque, l'homme de barre qui le premier en arrive à cette conclusion doit donner immédiatement deux sons nets de son sifflet, auxquels l'homme de barre de l'autre navire doit répondre promptement par

other steamer shall answer promptly by two similar blasts of his whistle, and they shall pass on the starboard side of each other: Provided, however, That in all NARROW CHANNELS where there is a current, and in the rivers Saint Mary, Saint Clair, Detroit, Niagara, and Saint Lawrence, when two steamers are meeting, the descending steamer shall have the right of way, and shall, before the vessels shall have arrived within the distance of one-half mile of each other, give the signal necessary to indicate which side she elects to take.

In the night, steamers will be considered as meeting "head and head" so long as both the coloured lights of each are in view of the other.

Rule 26. Whenever a steamer is Nearing a short bend or curve in the channel, where, from the height of the banks or other cause, a steamer approaching from the opposite direction can not be seen for a distance of half a mile, the pilot of such steamer, when he shall have arrived within half a mile of such curve or bend, shall give a signal by one long blast of the whistle, which signal shall be answered by a similar blast given by the pilot of any steamer within hearing that may be approaching on the other side, and within half a mile of such bend or curve. Should such signal be so answered by a steamer upon the farther side of such bend, then the usual signals for meeting and passing shall immediately be given and answered; but, if the first signal of such pilot be not answered, he is to consider the channel clear and govern himself accordingly.

Rule 27. When a steamer is moved from its dock or berth, and other steamers are liable to approach such steamer from any direction, such steamer and any approaching steamer shall give the same signals as in ease of steamers meeting at a bend; but immediately after clearing the dock or berth so as to be fully in sight they shall be governed by the rules for passing.

Rule 28. When one steamer is overtaking another, and the pilot of a steamer which is astern shall desire to pass on the right or starboard hand of the steamer ahead, he shall give one short blast of the whistle, as a signal of such desire and intention, and shall put his helm to port; or if he shall desire to pass on the left or port side of the steamer ahead, he shall give two short blasts of the whistle as a signal of such desire and intention, and shall put his helm to starboard, and the pilot of the steamer ahead shall answer by the same signals; or if he does not think it safe for the steamer astern to attempt to pass at that point, he shall immediately signify the same by giving five or more short and rapid blasts of the whistle, and under no circumstances shall the steamer astern attempt to pass the steamer ahead until such time as they have reached a point where it can be safely done, when said steamer ahead shall signify her willingness by blowing the proper signals. The boat ahead shall in no case attempt to cross the bow or crowd upon the course of the passing steamer.

Every vessel coming up with another vessel from any direction more than two points about her beam—that is, in such a position, with reference to the vessel which she is overtaking, that at night she would be unable to see either of that vessel's side lights—shall be deemed to be an overtaking ressel; and no subsequent alteration of the bearing between the two vessels shall make the overtaking vessel a crossing vessel

deux coups de sifflet pareils, et les deux navires doivent alors passer à tribord l'un de l'autre. Il est toutefois stipulé que dans tous les chenaux étroits où il existe un courant, et sur les rivières Sainte-Marie, Saint-Clair, Détroit, Niagara, et le fleuve Saint-Laurent, lorsque deux vapeurs se rencontrent le vapeur qui descend le cours d'eau a le droit de passage et doit, avant que les deux navires ne se trouvent à une distance d'un demi-mille l'un de l'autre, faire le signal de rigueur pour indiquer de quel côté de l'autre navire il a l'intention de passer. La nuit on deit admettre que deux vapeur "marchent l'un sur l'autre", tant que les deux feux de couleur de l'un sont aperçus de l'autre.

ARTICLE 26. Quand un vapeur suit un chenal et s'approche d'un coude accentué ou courbe de la voie d'eau, dont la nature élevée de la rive, ou tout autre eause, empêche que ledit navire puisse apercevoir un vapeur venant vers lui en sens opposé à une distance d'un demi-mille, l'homme de barre ainsi tenu dans l'ignorance de ce qui se passe au delà de la courbe, doit, lorsque son navire arrive à un demi mille d'une telle courbe, donner un son long de son sifflet, signal auquel doit répendre par un signal pareil l'homme de barre de tout vapeur qui l'aurait entendu et marcherait à un demi-mille dudit coude ou courbe dans le sens opposé du bâtiment ayant fait le premier signal. Quand la réponse du long coup de sifflet est convenablement donnée par le navire dont on supposait la présence derrière l'obstacle, les deux navires s'approchant l'un de l'autre doivent faire immédiatement les signaux d'appel et de réponse que se font habituellement les vapeurs qui se rencontrent. Si l'homme de barre qui a fait le premier signal à l'approche d'une courbe ne reçoit pas de réponse, il est en droit de supposer que le chenal est libre et de gouverner en conséquence.

Rule 27. When a steamer is moved from its dock or berth, and other steamers d'autres vapeurs peuvent avoir à s'en approcher en venant d'une direction quelconque, le vapeur qui se déplace et tout vapeur s'en approchant doivent faire les signaux que font les vapeurs qui se rencontrent sur le coude d'une voie d'eau; mais, dès que le vapeur quittant son bassin ou son poste d'accostage se trouve en pleine vue, on doit faire les signaux que le règlement exige des bâtiments qui se rencontrent normalement.

ARTICLE 28. Quand deux vapeurs étant en marche l'un d'eux atteint l'autre et que l'homme de barre du vapeur se trouvant en arrière désire passer à droite, e'est-àdire, à tribord du vapeur se trouvant en avant, il doit denner un son bref de son sifflet, afin de signaler son désir et son intention; il doit mettre sa barre à bâbord; et s'il désire passer à gauche, c'est-à-dire à bâbord du vapeur en avant de lui, il doit donner deux sons brefs de son sifflet, afin de signaler son désir et son intention et il doit mettre la barre à tribord, eependant que l'homme de barre du vapeur se trouvant en avant doit répondre en faisant le même signal, que, si ce dernier homme de barre est d'avis qu'il n'est pas prudent que le vapeur le suivant essaye de le dépasser sur ce point de leur route, il doit immédiatement en faire part au bâtiment en arrière en donnant einq sons brefs et rapides ou plus de son sifflet, le vapeur en arrière ne devant alors dans aucun eas essayer de dépasser le vapeur qui se trouve en avant de lui, et ce jusqu'au moment où les deux vapeurs ont atteint un point de leur route où l'un peut dépasser l'autre sans danger, alors que le vapeur se trouvant en avant signifiera à l'autre qu'il consent à être dépassé en faisant les signaux convenables. Dans aueun eas le navire en avant ne doit essayer de couper la route de celui qui le suit ou le gêner en trop se portant de son côté.

Tout navire qui en atteint un autre sous une direction de plus de deux quarts sur l'arrière de son travers, e'est-à-dire, qui se trouve dans une position telle, relativement au navire atteint, que pendant la nuit il ne pourrait aperceveir ses feux de côté, est censé être un navire qui en atteint un autre; quelque soit le changement subséquent de la route des deux navires celui qui atteint l'autre ne peut, d'après ce règlement, prétendre avoir le droit de couper la route du navire se trouvant en avant, ou être exempté du devoir de parer le navire atteint, jusqu'à ce que celui-ci soit passé et hors de danger.

within the meaning of these rules, or relieve her of the duty of keeping clear of the overtaken vessel until she is finally passed and clear.

As by day the overtaking vessel can not always know with certainty whether she is forward of or abaft this direction from the other vessel she should, if in doubt, assume that she is an overtaking vessel and keep out of the way.

Rule 29. In all channels less than five hundred feet in width, no steam vessel shall pass another going in the same direction unless the steam vessel ahead be disabled or signify her willingness that the steam vessel astern shall pass, when the steam vessel astern may pass, subject, however, to the other rules applicable to such a situation. And when steam vessels proceeding in opposite directions are about to meet in such channels, both such vessels shall be slowed down to a moderate speed, according to the circumstances.

Rule 30. When two steamers are approaching each other at right angles or obliquely so as to involve risk of collision, other than when one steamer is overtaking another the steamer which has the other on her own port side shall hold her course and speed; and the steamer which has the other on her own starboard side shall keep out of the way of the other by directing her course to starboard so as to cross the stern of the other steamer, or, if necessary to do so, slacken her speed or stop or reverse. The steamer having the other on her own port bow shall blow one blast of her whistle as a signal of her intention to cross the bow of the other, holding her course and speed, which signal shall be promptly answered by the other steamer by one short blast of her whistle as a signal of her intention to direct her course to starboard so as to cross the stern of the other steamer or otherwise keep clear.

If from any cause whatever the conditions covered by this situation are such as to prevent immediate compliance with each other's signals, the misunderstanding or objection shall be at once made apparent by blowing the danger signal, and both steamers shall be stopped, and backed if necessary, until signals for passing with safety are made and understood.

- RULE 31. When two steam vessels are meeting end on, or nearly end on, so as to involve risk each shall alter her course to starboard, so that each shall pass on the port side of the other.
- RULE 32. When two steam vessels are crossing so as to involve risk of collision the vessel which has the other on her own starboard side shall keep out of the way of the other.
- RULE 33. When a STEAM VESSEL AND A SAILING VESSEL are proceeding in such directions as to involve risk of collision the steam vessel shall keep out of the way of the sailing vessel.
- Rule 34. Where, by any of the rules herein prescribed, one of two vessels shall keep out of the way, the other shall keep her course and speed.
- Rule 35. Every steam vessel which is directed by these rules to keep out of the way of another vessel shall, on approaching her, if necessary, slacken her speed or stop or reverse.
- RULE 36. Notwithstanding anything contained in these rules every vessel over-taking any other shall keep out of the way of the overtaken vessel.
- Rule 37. In obeying and construing these rules due regard shall be had to all dangers of navigation and collision and to any special circumstances which may render a departure from the above rules necessary in order to avoid immediate danger.

Or, comme pendant le jour le navire qui en atteint un autre ne peut pas toujours savoir avec certitude s'il a dépassé ou non la direction mentionnée ci-dessus par rapport à l'autre navire, il doit dans le doute, présumer qu'il se trouve être positivement un navire qui en atteint un autre et parer la route de ce dernier.

ARTICLE 29. Dans tous les chenaux ayant moins de cinq cents pieds de largeur aucun navire à vapeur n'est autorisé à en dépasser un autre marchant dans la même direction, à moins que le vapeur se trouvant en avant ne soit désemparé ou n'ait signifié qu'il consent à ce que le navire à vapeur se trouvant derrière lui le dépasse, auquel cas ce dernier peut le dépasser pourvu, néanmoins, qu'il observe les dispositions du règlement auxquelles il est sujet dans ce cas. Lorsque deux navires à vapeur font route en sens opposé et sont sur le point de se rencontrer sur un chenal ayant moins de cinq cents pieds de largeur, ces deux navires doivent ralentir leur marche et marcher à une vitesse modérée, en tenant compte des circonstances.

ARTICLE 30. Lorsque deux navires à vapeur s'approchent l'un de l'autre à angle droit ou obliquement, au risque d'un abordage, de nature différente de celui pouvant se produire dans le cas d'un vapeur qui en atteint un autre, le vapeur qui a l'autre vapeur à bâbord ne doit ni modifier sa route ni ralentir sa marche, et le vapeur qui a l'autre vapeur à tribord doit se déranger pour ce dernier, et gouverner sur tribord de manière à couper la route de l'autre vapeur à l'arrière de celui-ci, ou, si nécessaire, ralentir sa marche, ou stopper ou renverser sa marche. Le vapeur qui a l'autre par le bossoir de bâbord doit donner un son de son sifflet, pour signaler qu'il a l'intention de couper sa route en passant devant lui, et le vapeur qui fait ce signal deit poursuivre sa route et ne pas ralentir sa marche. A ce signal l'autre vapeur doit répondre promptement pas un son bref de son sifflet, pour signaler qu'il a l'intention de gouverner sur tribord de manière à couper la route de l'autre vapeur en passant en arrière de lui ou qu'il entend éviter tout danger d'abordage.

Si pour une raison quelconque l'état de choses considéré dans cet article est tel qu'il empêche d'obéir immédiatement aux manœuvres imposées par les signaux échangés entre les deux vapeurs, la méprise ou l'objection se présentant doivent être notifiées en faisant donner au sifflet le son propre au signal du danger, et les deux vapeurs doivent stopper et faire machine en arrière, si c'est nécessaire, jusqu'à ce que les signaux devant permettre de passer en toute sécurité soient compris.

ARTICLE 31. Lorsque deux navires sous vapeur courent l'un sur l'autre ou à peu près, et qu'il y a risque d'abordage, tous deux doivent venir sur tribord pour passer à

bâbord l'un de l'autre.

ARTICLE 32. Si deux navires sous vapeur font des routes qui se croisent et les expesent à s'aborder, celui qui voit l'autre par tribord doit manœuvrer de manière à ne pas gêner la route de ce dernier.

ARTICLE 33. Si deux navires, l'un à voiles, l'autre sous vapeur, font des routes qui les exposent à s'aborder, le navire sous vapeur doit manœuvrer de manière à ne pas gêner la route du navire à voiles.

ARTICLE 34. Lorsque, d'après les articles de ce règlement, un navire doit s'écarter de la route d'un autre navire, celui-ci doit poursuivre sa route sans ralentir sa marche.

ARTICLE 35. Tout navire qui d'après les articles de ce règlement doit se déranger pour un autre navire, doit en l'approchant, si nécessaire, ralentir sa marche, eu stopper ou faire machine en arrière.

ARTICLE 36. Nonobstant tout ce qui est contenu au présent règlement, tout navire qui en atteint un autre, doit se déranger pour le navire qu'il atteint.

ARTICLE 37. En se conformant aux articles de ce règlement et en les interprétant il faut tenir compte de tous les dangers de la navigation, et avoir égard à toutes les circonstances particulières qui peuvent rendre nécessaire une dérogation aux dispositions de ce règlement, afin de parer à un péril immédiat.

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Rule 38. Nothing in these rules shall exemerate any vessel, or the owner or master or crew thereof, from the consequences of any neglect to carry lights or signals, or of any neglect to keep a proper lookout, or of a neglect of any precaution which may be required by the ordinary practice of seamen, or by the special circumstances of the case.

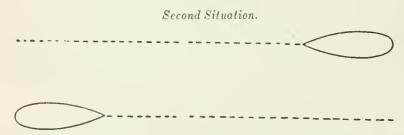
### Diagrams.

The following diagrams are intended to illustrate the working of the system of coloured lights and pilot rules:—

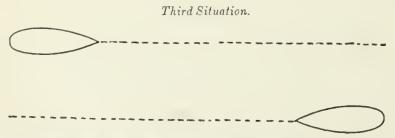
First Situation.



Here the two coloured lights visible to each will indicate their direct approach "head and head" toward each other. In this situation it is a standing rule that both shall put their helms to port and pass on the port side of each other, each having previously given one blast of the whistle.



In this situation the red light only will be visible to each, the screens preventing the green lights from being seen. Both vessels are evidently passing to port of each other, which is rulable in this situation, each pilot having previously signified his intention by one blast of the whistle.

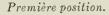


In this situation the green light only will be visible to each, the screens preventing the red light from being seen. They are therefore passing to starboard of each other, which is rulable in this situation, each pilot having previously signified his intention by two blasts of the whistle.

ARTICLE 38. Rien dans les articles de ce règlement ne saurait affranchir un navire quel qu'il soit, son propriétaire, son capitaine ou son équipage, des conséquences d'une omission de porter des feux ou signaux, d'un défaut de surveillance convenable, ou, enfin, d'une négligence quelconque des précautions commandées par la pratique ordinaire de la navigation ou par les circonstances particulières de la situation.

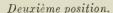
### Diagrammes.

Les diagrammes suivants ont pour but de permettre d'interpréter la signification des feux de couleur et les règles qui doivent guider les hommes de barre.



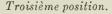


Dans ce cas les deux feux de couleur visibles de chacun des navires, indiquent qu'ils "courent l'un sur l'autre" en droite ligne. Dans cette position il est de règle établie que chaque navire doit mettre sa barre à bâbord et passer à bâbord de l'autre bâtiment, chacun d'eux ayant au préalable donné un son de son sifflet.





Dans ce cas chacun des navires ne peut voir que le feu rouge de l'autre, les écrans empêchant de voir les feux verts. Chacun des navires passe évidemment à bâbord de l'autre, ce qui est de règle. Dans cette position, chaque homme de barre doit au préalable signifier son intention de ce faire en donnant un son de son sifflet.





Dans ce cas chacun des navires ne pent voir que le feu vert de l'autre, les écrans empêchant de voir les feux rouges. Chacun des navires passe évidenment à tribord de l'autre, ce qui est de règle dans cette position, et chaque homme de barre doit au préalable signifier son intention de ce faire en donnant deux sons de son sifflet.

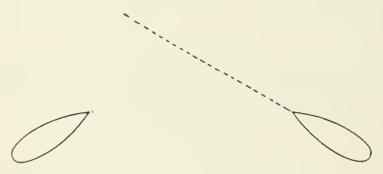
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### Fourth Situation.



In this situation one steamer is overtaking another steamer from some point within the angle of two points abaft the beams of the overtaken steamer. The overtaking steamer may pass on the starboard or port side of the steamer ahead after the necessary signals for passing have been given, with assent of the overtaken steamer, as prescribed in rule 28.

Fifth Situation.



In this situation two steamers are approaching each other at right angles or obliquely in such manner as to involve risk of collision, other than where one steamer is overtaking another.

The steamer which has the other on her own port side shall hold course and speed, and the other shall keep clear by crossing astern of the steamer that is holding course and speed, or, if necessary to do so, shall slacken her speed or stop or reverse.

Both steamers shall otherwise observe the provisions of rule 30 with respect to the signals for passing and the danger signal.

### Rules pohibiting unnecessary sounding of the steam whistle.

Rule 39. No licensed officer in charge of any steamer shall authorize or permuunnecessary sounding of the steam whistle.

### Distress signals

Rule 40. When a vessel is in distress and requires assistance from other vessels or from the shore, the following shall be the signals to be used or displayed by her, either together or separately, viz.:—

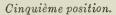
In the daytime:-

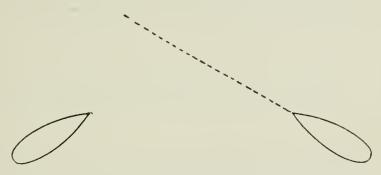
- 1. A gun or other explosive signal fired at intervals of about a minute.
- 2. The International Code signal of distress indicated by N.C.
- \* 3. The distant signal, consisting of a square flag, having either above or below it a ball or anything resembling a ball.
  - 4. A continuous sounding with any fog-signal apparatus.

Quatrième position.



Dans ce cas un des deux vapeurs atteint l'autre vapeur d'un point situé dans l'angle des 2 quarts sur l'arrière du travers de chaque bord du navire atteint. Le navire qui atteint l'autre peut passer à tribord ou à bâbord de celui-ci qui se trouve en avant de lui, mais il doit d'abord faire les signaux nécessaires pour le dépasser, et ce avec le consentement du navire qui est atteint, les signaux étant ceux prescrits à l'article 28.





Dans ce cas deux vapeurs s'approchent l'un de l'autre à angle droit ou obliquement de manière à encourir des risques d'abordage, autres que s'il s'agissait d'un vapeur en atteignant un autre.

Le vapeur qui a l'autre à bâbord doit poursuivre sa route sans ralentir sa marche et l'autre se déranger en coupant la route du premier en arrière de celui-ci, qui poursuit sa route sans ralentir sa marche, ou, si c'est nécessaire, le navire qui se dérange doit ralentir sa marche, stopper, ou faire machine en arrière.

Que s'il en était autrement, chacun des deux vapeurs doit observer les dispositions de l'article 30 ayant trait aux signaux à faire pour passer et à ceux pour éviter tout danger.

### Défense de donner des coups de sifflet inutiles.

Article 39. Aucun officier breveté chargé d'un vapeur ne doit autoriser ou permettre de donner des coups de sifflet à vapeur inutiles.

### Signaux de détresse.

ARTICLE 40. Lorsqu'un navire est en détresse et a besoin du secours d'autres navires, ou de la terre, les signaux suivants doivent être faits par ce navire, soit ensemble, soit séparément, savoir:—

Pendant le jour:-

- 1. Un coup de canon ou autre signal par explosion, tiré à des intervalles d'environ une minute;
- 2. Le signal de détresse indiqué par N.C. dans le Code International des signaux;
- 3. Le signal éloigné, fait à l'aide d'un pavillon carré ayant soit au-dessus soit au-dessous un ballon ou quelque chose ressemblant à un ballon;
  - 4. Un son continu produit par un appareil de signal de brume.

8 GEORGE V, A. 1918

At night:—

- 1. A gun or other explosive signal fired at intervals of about a minute.
- 2. Flame from the vessel (as from burning a tar barrel, oil barrel, etc.).

  3. Rockets or shells throwing stars of any colour or description, fired or
- 3. Rockets, or shells, throwing stars of any colour or description, fired one at a time, at short intervals.
  - 4. A continuous sounding with any fog-signal apparatus.

### Rules concerning motor boats.

### PRELIMINARY.

In the following rules the words "motor boat" shall include every vessel propelled by machinery and not more than sixty-five feet in length except tug-boats and tow-boats propelled by steam. The length shall be measured from end to end over the deck excluding sheer.

Rule 41. That motor boats subject to the provision of these rules shall be divided into classes as follows:—

Class one. Less than twenty-six feet in length.

Class two. Twenty-six feet or over and less than forty feet in length.

Class three. Forty feet or over and not more than sixty-five feet in length.

Rule 42. That every motor boat in all weathers from sunset to sunrise shall earry the following lights, and during such time no other lights which may be mistaken for those prescribed shall be exhibited.

(a) Every motor boat of class one shall earry the following lights:-

First. A white light aft to show all around the horizon.

Second. A combined lantern in the fore part of the vessel and lower than the white light aft showing green to starboard and red to port, so fixed as to throw the light from right ahead to two point abaft the beam on their respective sides.

(b) Every motor boat of classes two and three shall carry the following lights:—
First. A bright white light in the fore part of the vessel as near the stem as practicable, so constructed as to show an unbroken light over an arc of the horizon of twenty points of the compass, so fixed as to throw the light ten points on each side of the vessel, namely, from right ahead to two points abaft the beam on either side. The glass or lens shall be of not less than the following dimensions:—

Class two. Nineteen square inches. Class three. Thirty-one square inches.

Second. A white light aft to show all around the horizon.

Third. On the starboard side a green light so constructed as to show an unbroken light over an are of the horizon of ten points of the compass, so fixed as to throw the light from right ahead to two points abaft the beam on the starboard side. On the port side a red light so constructed as to show an unbroken light over an are of the horizon of ten points of the compass so fixed as to throw the light from right ahead to two points abaft the beam on the port side. The glasses or lenses in the said side-lights shall be of not less than the following dimensions on motor boats of—

Pendant la nuit:-

1. Un coup de eanon ou autre signal par explosion, tiré à des intervalles d'environ une minute;

2. Des flammes sur le navire, telles que produites par la combustion d'un

baril à goudron ou à huile, etc.;

3. Des fusées ou bombes tirées une à la fois à de courts intervalles, et projetant en l'air des étoiles de couleur ou d'aspect varié;

4. Un son continu produit par un appareil de signal de brume.

### Dispositions concernant les bateaux à moteur.

### NOTIONS PRÉLIMINAIRES.

Dans les articles suivants du présent règlement l'expression "bateaux à moteur" comprend tout bateau pour la progression duquel on emploie des machines, et qui n'a pas plus de soixante-cinq pieds de longueur. Mais on fait exception pour les remorqueurs dont la vapeur assure la progression. La longueur du bateau doit être mesurée de l'une à l'autre des extrémités sur le pont, dont on ne tiendra pas compte de la tonture.

ARTICLE 41. Les bateaux à moteur que visent les dispositions de ce règlement appartiennent aux catégories suivantes:—

Première catégorie: bateaux de moins de 26 pieds de longueur.

Deuxième catégorie: bateaux de 26 pieds ou plus de longueur et de moins de 40 pieds de longueur.

Troisième catégorie: bateaux de 40 pieds ou plus de longueur mais dont la longueur ne dépasse pas 65 pieds.

ARTICLE 42. Tout bateau à moteur doit par tous les temps depuis le coucher du soleil jusqu'au moment où il se lève, montrer les feux suivants à l'exclusion de tous autres feux pouvant être confondus avec ceux que le règlement prescrit de montrer.

(a) Tout bateau à moteur de la première catégorie doit porter les feux suivants:—
Premièrement: un feu blanc à l'arrière disposé de manière à projeter tout autour de l'horizon une lumière claire.

Deuxièmement: un fanal à combinaison que l'on doit placer à l'avant du bateau, plus bas que le feu blane de l'arrière et pouvant montrer un feu vert sur tribord et un feu rouge sur bâbord, établi de manière à projeter une lumière ininterrompue verte à tribord depuis l'avant jusqu'à deux quarts sur l'arrière du travers à tribord, et un feu rouge sur bâbord établi de manière à projeter une lumière ininterrompue rouge à bâbord depuis l'avant jusqu'à deux quarts sur l'arrière du travers à bâbord.

(b) Tout bateau à moteur de la deuxième catégorie et de la troisième eatégorie,

doit porter les feux suivants:-

Premièrement: Un feu blanc brillant à l'avant du bateau et aussi près de l'étrave que possible, disposé de manière à montrer une lumière ininterrompue sur tout le parcours d'un are de l'horizon de vingt quarts ou rumbs du compas, soit dix quarts de chaque côté du bateau, c'est-à-dire depuis l'avant jusqu'à deux quarts sur l'arrière du travers de chaque bord. Le verre ou la lentille du fanal de ce feu ne doit pas avoir des dimensions inférieures aux suivantes:—

Pour la deuxième catégorie: Dix-neuf pouces carrés; Pour la troisième catégorie: Trente et un pouces carrés.

Deuxièmement: Un feu blane à l'arrière disposé de manière à projeter tout autour de l'horizon une lumière claire.

Troisièmement: A tribord, un feu vert établi de manière à projeter une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de dix quarts ou rumbs du compas c'est-à-dire depuis l'avant jusqu'à deux quarts sur l'arrière du travers à tribord. A bâbord un feu rouge établi de manière à projeter une lumière ininterrompue sur

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Class two. Sixteen square inches.

Class three. Twenty-five square inches.

On and after March first, nineteen hundred and seventeen, all glasses or lenses prescribed by paragraph (b) of Rule 42 shall be fresnel or fluted. The said lights shall be fitted with inboard screens of sufficient height and so set as to prevent these lights from being seen across the bow and shall be of not less than the following dimensions on motor boats of—

Class two. Eighteen inches long.

Class three. Twenty-four inches long: Provided, That motor beats as defined in these Rules, when propelled by sail and machinery or under sail alone, shall earry the coloured lights suitably screened but not the white lights prescribed by this Rule.

Rule 43. (a) Every motor boat under the provisions of these Rules shall be provided with a whistle or other sound-producing mechanical appliance capable of producing a blast of two seconds or more in duration, and in the case of such boats so provided a blast of at least two seconds shall be deemed a prolonged blast within the meaning of these Rules.

(b) Every motor boat of class two or three shall carry an efficient fog-horn.

(c) Every motor boat of class two or three shall be provided with an efficient bell, which shall be not less than eight inches across the mouth on board of vessels of class three.

Rule 11 repealed by Order in Council of the 29th June 1916.

Rule 45. The foregoing Rules shall be in full force and effect on and after the first day of March, nineteen hundred and sixteen, and shall supersede all Rules of the Road for the Great Lakes, etc., previously adopted.

tout le parcours d'un arc de l'horizon de dix quarts ou rumbs du compas, c'est-à-dire depuis l'avant jusqu'à deux quarts sur l'arrière du travers à bâbord. Les verres ou lentilles des fanaux de ces feux de côté ne doivent pas avoir des dimensions inférieures aux suivantes sur les bateaux à moteur:—

Deuxième catégorie: Seize pouces carrés. Troisième catégorie: Vingt-cinq pouces carrés.

Le et après le 1er mars mil neuf cent dix-sept, tous les verres ou lentilles exigés par le paragraphe (b) de l'article 42 devront être du type fresnel ou à cannelures. Les feux susdits doivent être établis sur des boîtes ouvertes ou écrans de hauteur suffisante, et disposés de façon que les feux ne puissent être vus du bossoir opposé. Ils ne doivent pas avoir de dimensions inférieures aux suivantes, savoir, sur les bateaux à moteurs de:—

Deuxième catégorie: Dix-huit pouces de longueur.

Troisième catégorie: Vingt-quatre pouces de longueur. Il est pourvu que les bateaux à moteur, tels que définis dans ce règlement, doivent porter des feux de couleurs convenables, avec écrans, mais non les feux blancs preserits dans cet article, lorsque ces bateaux emploient pour leur progression des voiles et des machines ou seulement des voiles.

ARTICLE 43. (a) D'après les dispositions de ce règlement, chaque bateau à moteur doit être pourvu d'un sifflet ou autre dispositif mécanique pouvant donner des sons de signaux, et à même de donner un son de deux secondes ou plus de durée. Dans le cas des bateaux ainsi pourvus, un son d'au moins deux secondes de durée sera considéré comme un son long, en tant que peuvent le signifier les dispositions de ce règlement.

- (b) Tout bateau à moteur de la deuxième catégorie ou de la troisième catégorie, doit porter un cornet à bouquin ne laissant rien à désirer.
- (c) Tout bateau à moteur de la deuxième catégorie et de la troisième catégorie, doit être pourvu d'une bonne cloche: qui ne doit pas avoir moins de huit pouces de diamètre à sa partie la plus évasée, lorsque cette cloche se trouve à bord de bateaux appartenant à la troisième catégorie.

Article 44: rescindé par un ordre en Conseil du 29 juin 1916.

ARTICLE 45. Le présent règlement aura force et effet à partir du 1er mars mil neuf cent seize inclusivement, et il remplacera tout règlement existant antérieurement, pour prévenir les abordages sur les Grands lacs. etc.



### STEAM VESSELS

1

**VAPEURS** 

# Alphabethal List of Steam Vessels on Registry Books in Canada, December 31, 1917.

Liste alphabérique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Abbreviations .. 1 breviations J.O., Joint owners- propriétaires ecnicieus; N.O., Mannajing owner-propriétaire gérant; Par., Paddle - Anabes; Sc., Sernw-Abélico. Names of Motor Vessels in italics-Les noms des vaisseaux à mateurs sont en italiques.

			8	GEORG	E١	/, A	. 1918
	Owner or Manuging Owner, nnd Address. Arnateur au propriétaire gérant, et adresse,	Albert B. Bettes, Vancouver, B.C. Canadian Towing & Wreeking Co. Limited. Port Arthur, Gat. Robert Weddel, Trenton. Ont. Ganadian Dredging Co., Ltd., Midland, Ont. Can. Steamship Lines Ltd., 9 Victoria Square, Mantreal, Quo. Canadian Towing & Wreeking Co., Ltd., Port Arthur, Cat. Miss. Agnes M. Britnell, Toronto, Ont. Alles Adna Wretton, St. John, N.B. Anthar L. Maillet, St. Louis, N.B. Janues Garrett, Herring Bay, Algama, Ont. Janues Garrett, Britnell Toronto, Cat. C.S. Bonne Dredging & Construction Co., Ltd., Toronto, Ont. John McCorniek, Tp. of Pelice, Ont. John McCorniek, Tp. of Pelice, Ont. John McCorniek, Tp. of Pelice, Ont. John McCorniek, Tp. of Melice, Ont. John McCorniek, Tp. of Melice, Ont. John McCorniek, Tp. of Melice, Ont. John Wester, McConwell, Que. I'ltief Tromblay, M.O., Matane, Que. I'ltief Tromblay, M.O., Matane, Que. I'ltief Tromblay, M.O., Matane, Que. I'ltief Tromblay, Wancouver, B.C. Jens Guidgezon, New Westerinster, B.C.	Harry Oldfield, Parry Sound, Ont. Thomas G. McWain, Deserbato, Ont.	Harboar Contraissioners, Montreal, Qu. The Numister of Marine and Fisheries, Ottawn, Ont. The Ontario & Quebe Navigation Co., Ltd., Ficton, Ont. Canadian Pacific Railway Co., Montreal, Que.	Wallaceburg Sugar Co., Ltd., Wallaceburg, Ont. Michael J. O'Brien, Reafrew, Ont.	The Minister of the Naval Service, Ottawa, Ont. Canada Steamship Lines Ltd., Montreal, Que.	Robin Jones & Whitman, J.d., Hailiax, N.S. Jachates Tow Ban Co. Ltd., Vancouver, B.C. Ambrew F. Gault, Montreal, Qué. Frank Young Pleasant Harbour, N.S.
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Morrisburg, Ont..

Prescott.

# Altharmical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

t owners propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à nubes; Sc., Screw—à hélice. Names of Motor Vessels in dalice—Les nams des vaisseaux à moteurs sont en daliques. LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. .16bren thons ... (brengtions: J.O., Joint owners

The Chief Commissioner of Lands, Vietoria, B.C.
The Davis Logging & Trathing Co., Ltd., Vancouver, B.C.
Esincemes-McNawkhon Line, Ltd., Montreal, Que., Cie Maritime et Commerciale du Bas St. Laurent, Ltde., Ellis La Compagnie Générale d'Entreprises Publiques, Lévis, Que, George Gerow, Rossport, Ont. Wm. John Keen and Joseph Millman, Blind River, Ont Armateur ou propriétaire gérant, et adresse. Owner or Managing Owner, and Address. H. M. Molson, Montreal, Que.
Identy Exgle, Chathan, N.B.
Edward Chipham, Point Grey, B.C.
Wallace S. Eurle, Vancouver, B.C.
Upper Ottawa Improvenent Co., Ltd., Ottawa, Ont.
The Minister of Railways and Canals, Ottawa, Out. Archie W. Piccott, St. John's, NHd Oscar Olmstead, 2512 Alberta St. Vancouver, B.C. Archur Fenick, Hocketts Cove, N.S. John J. McKenna, Lake Bennett, B.C. Wm. Davis, Toronto, Ont.
Fred S. Hoens, St. John, N.B.
Marill Desbrissy, Vancouver, B.C.
St. Lawrence Welding Co., Ltd., Montreal, Que.
Wallace Fisheries, Ltd., Vancouver, B.C. The Minister of the Naval Service, Ottawn, Ont Canadian Pacific Railway Co., Montreal, Que. E. Gagnon, Ste. Anne de Chicoutimi, Que Alfred Dickie, Lower Stewiacke, N. S. William H. Argue, Parry Sound, Ont Bay, Anticosti, Que. Andrew M. Tyson, Vancouver, B.C. A. Strnng, Cape Traverse, P.E.I. John K. L. Ross, Montreal, Que. D. L. Mather, Kenora, Ont Pl. P. of Engines and Mode of Propulsion. Puissance des machines en e. v. et mode de propulsion. 2 8C. 160 sc.. 2 86 5 86 2 86 2 98 2 98 3 98 42 sc. 13 8c.. 14 sc... 2 8c... 10 sc... 9 sc... Tonnage onregistre. 16 17 20 20 6 452 23 45 3992948 3200022 Registered Tonnage. Топпадо brut. 8 15 34 246 51 329 25 38 70 44 44 Prolondeur en pieds et 10ea 0 ~ 685 9 <del>4 4</del> 000-10 CI Depth in feet and 10ths. Largour en pieda et 10es 8002098 8002098 4000 0 0-00-0 63 F-000000 0-01-44 23330 23 40 33 36055 1029701 Breadth in feet and 10ths Longueur en pieds et 1000 50 0 50 0 50 0 50 0 50 0 29 0 35 9 52 0 102 3 73 4 20 0 309 7 25 35 30 0 4 25 35 30 0 4 762 367 280 493 653 Length in feet and 10ths. Ste. Anne de Chicoutimi. Everett, Wash., U.S.A.. Temiscamingue, Que.... Jedeliah Is., B.C., Ilackett's Cove, N.S., IAcke Bennett, B.C., Arcadia, N.S., Yarmouth, N.S., Lieu de construction Chicago, Ill., U.S.A... St. John, N.B. Onotta, Ore, U.S.A.... Boston, Mass., U.S.A. Moser's River, N.S. Hallard, Wash, U.S.A. Vancouver, B.C. Three Rivers, Que... Jig Harbour, Wash., Issues Harbour, N.Y. USA Where Built Byng Inlet, Ont .... St. Nicholas, Que. Collingwood, Oat. Georgetown, B.C. Vancouver, B.C., Whiteineh, G.B. Vancouver, B.C. Rossport, Ont. Goderich, Ont Kenora, Ont. Simeoe, Ont Bristol, R.1, Sorel, Que One. 916 916 895 885 885 885 885 Clons-truit 893 1906 899 9881 2000 1908 1914 1888 1904 20.05 1911 Port d'earegistre-Port of Registry. New Westminster vew Westminster Chatham, N. B. m Port Arthur. St. John, N. ancouver, armouth Vancouver Ancouver Ottawa ... Montreal. Montreal. Montreal. Montreal. Montreal Jetawa. Kenora Ottawn Nom du aavire Name of Ship Makasla Alberta .... Albert Lea. Alberdyes Alberta... Alberta M. Alamoda. Albatrons Alameda. Alaskan. Alberta Albion ... Alberta Aleyone Alcedo. lanbee Alaska. Alert. Alch 16942 116603 122177 116370 103964 30445 134232 26~55 111942 19955 22346 26088 03474 12043

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<sup>3</sup> Formerly "Richelicu." Foreign anne "Saugatuck," ,Formerly a sailing vessel. Poreign name "North." \*Foreign name "George J. Stevens." \* Foreign name "Yukon."

# Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

Abbretiations-Abrétiations: J.O., Joint owners propriétaires conjoints; M.O., Managing owner propriétaire gérant; Pa., Paddle-à nabes; Sc., Screw-à hélice. Names of Motor Vessels in italies - Les nous des vaissenux à moteurs sont en italiques LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917.

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# ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1917.

Abbrenations-Ibrenations; J.O., Joint owners-propriétaires conjoints; M.O., Managing owner-propriétaire génant; Pa., Paddle-à aubes; Sc., Serew-à héliee. LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917.

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	Owner or Manuging Ówner, and Address. Armateur ou propriétaire géraat, et adresse.	The Minister of Marine and Fisheries, Ottawa, Ont. The Rathbun Co., Descronto, Ont. Francis Mason, Eastern Points, N.S. David Foster, Port Coldwell, Ont. The Fictou County Contractor Supply Co., Ltd., New Glassign, N.S. Igory, N.S. Harry Asson, Now Westminster, B.C. James Fraser and R. S. Fraser, J. O., Keewatin, Ont. William A. Warren, Teronto, Ont. Milliam A. Warren, Tronto, Ont. Alded Harris, Marth Vancouver, B.C. James I. Campbell, Kolowna, B.C. Adolf I. Mason, Toronto, Ont. Adolf James, Montreal, Quo. Adarda Steaushing Lines 14d., Montreal, Quo. A.A. Agar, Bark & Falls, Ont. Milliam R. Jaynes, New Westminster, B.C. Peter Cavanagh, Porth, Oct. The Minister of the Nava'd Service, Ottawa, Ont. A. M. Stonn Boat Mandactaring Co., Ltd., Kenora, Ont. The Minister of the Nava'd Service, Ottawa, Ont. A. M. Ruddock, Chatham, N.B. Joseph Jean, Sorrel, Aluvelock, Ont. J. P. M. Ruddock, Chatham, N.B. Goseph Jean, Sorrel, Pus, Man. Barney Anderson, The Pus, Man. The Minister of Calcoloms, Ottawa, Ont. M. R. Davis, Kingston, Oat. M. R. Davis, Kingston, Oat.
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# Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

Abbreciations - Abbreciations J.O., Joint owners propriétaires conjoints: M.O., Manuging owner—proprétaire gérant; Pa., Paddle—à aubes; Sc., Serew—à hélica.
Names of Motor Vessels in indics - Les nons des vaisseaux à moteurs sont en italiques. LISTE ALTHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917.

		8 GEORGE V, A. 1918
CONTRACTOR OF THE PROPERTY OF	Owner or Managing Owner, and Address. Armateur on propriétaire gérant, et adresse.	British Columbia Refining Co., Ltd., Vancouver, B.C.  Marsh Hutton Powers Co., Ltd., New Westininster, B.C.  Mars Rotha M. Wilson, Vancouver, B.C.  British Columbia Express Co., Ltd., Viancouver, B.C.  British Columbia Express Co., Asheroft, B.C.  Wartinobleh, M.C., Port Guichon, B.C.  British Columbia Express Co., Asheroft, B.C.  Port Mondy, B.C.  Horger Miller, C. Sons, Ltd., Toronto, Ont.  Herbert Rushton, New Westininster, B.C.  Herbert Mandy, B.C.  Leary A. Lellinac, M.O., Tusket Wedge, N.S.  Misgoonn Navigation Co., Ltd., Vancouver, B.C.  The Terninal Steam Navigation Co., Ltd., Vancouver, B.C.  The Terninal Steam Navigation Co., Ltd., Vancouver, B.C.  Langer Malling Co., Ltd., Vintoria, B.C.  Langert M.O., Deseronto, Ont.  Geo. C. McDomald, Vancouver, B.C.  James Simutone, Simon Naud, B.C.  James Simutone, Simon Sound, B.C.  James Simutone, Simon Sound, B.C.  James Simutone, Simon Sound, B.C.  Jeners Simutone, Simon Sound, B.C.  Jeners Simutone, Simon Sound, B.C.  Jeners Woodworth, Bear River, N.S.  The Minister of the Naval Service, Ottawa, Ont.  He Minister of Hei Naval Service, Ottawa, Ont.  He Mapister Three Rivers, Qua.  Daniel Dalmeon, Dumentill, Vancouver, B.C.  Lienry O. Bell-troing, Vancouver, B.C.  Lienry O. Bell-troing, Vancouver, B.C.  John J. Goodwin, Vincoria, B.C.  John J. John J. Geodwin, Vincoria, B.C.  John J. Goodwin, Vincoria, B.C.  John J. Goodwin, Vincoria, B.C.  John J. John J. Geodwin, Vincoria, B.C.  John J. John J. Geodwin, Vincoria, B.C.  John J. John J. Geodwin, Vincoria, B.C.  John J. John J. J. John J. John J. John J. John J. John J. Goodwin, J. John J. John J. John J. Geodwin, J. John J. John J. John J. John J. John J. John J.
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	Tonnage brut.	113 113 113 113 113 113 113 113
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2013	Longueur en pieds et 10ec.	6488948888488848888585888888888888888888
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STILL S	Construction of the constr	1912 1913 1913 1913 1913 1910 1910 1910 1910
	Port of Registry. Port d'enegistre-	New West minster. Vancouver Vancouver Vincouver Vincouver Vincouver Vancouver Victoria Lindsay Vancouver Victoria
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SESSIONAL PAPER No. 22					
Fred. E. Clark, Stargeon Falls, Ont.  Id. W. Brown & Co. Ltd., Vancouver, B.C.  Bodjamin Poisson, Mottread, Que.  Calitté Guyon, Montread, Que.  Calitté Guyon, Montread, Que.  Canadiu D'redging Co., Itd., Midland, Ont.  The Harbour Commissioners of Montread, Que.  John Carew, Linitasy, Ont.  The O'Coanor Steamboax & Hotel Co., Ltd., Toronto, Ont.  The O'Coanor Steamboax & Hotel Co., Ltd., Ottawa, Ont.  The O'Coanor Steamboax & Hotel Co., Ltd., Ottawa, Ont.  The O'Door Lidwa Improvement Co., Ltd., Ottawa, Ont.  Jerome Lajeunesse, Peterborough, Ont.  The Wm. Cane Sons Co., Ltd., Newmarket, Ont.  Clark & Lyford, Itd., Vancouver, B.C.  Clandin Pacific Railway Co., Mortreal, Que.  Blainan Lamber Co., Ltd., Victoria, B.C.  Clandin Pacific Ingiang Co., Ltd., Vancouver, B.C.  Minister of Marine and Fisheries, Ottawa, Ont.  The Olocester Navigation Co., Ltd., Vancouver, B.C.  Charles Ross, Port Maithard, Ont.  Alborer Nichols, Carleton Place, Ont.  G. A. Brown, Port Barreal, Ont.  John Wilson, Bells Bla, B.C.  C. A. McKinson and W. T. Norton, Vancouver, B.C.  Alkerd C. Andrine and Fisheres, Out.  G. A. Brown, Port Barreal, Ont.  Alkerd C. Peasey, Toronto, Ont.  The O'Connor Steamboax & Hotel Co., Ltd., Toronto, Ont.  The O'Connor Steamboax & Hotel Co., Ltd., Toronto, Ont.  The O'Connor Steamboax & Hotel Co., Ltd., Toronto, Ont.  Alkerd C. Peasey, Toronto, Ont.  Canada Steamship Lines, Ltd., Montreal, Que.  Charles Mickle, Gravenhurst, Ont.  Alkerd Bergust, Patry Soacel, Ont.  Canada Steamship Lines, Ltd., Montreal, Que.  Charles Mickle, Cavenhurst, Ont.  Beiffe Mills Ltd., Vancouver, B.C.  Albert Bergust, Victoria, B.C.  Pacific Mills Ltd., Vancouver, B.C.  Albert Bergust, Victoria, B.C.  Pacific Mills Ltd., Vancouver, B.C.  Albert Bergust, Victoria, B.C.  Pacific Mills Ltd., Nancouver, B.C.  Albert Bergust, Victoria, B.C.  Pacific Mills Ltd., Nancouver, B.C.  Albert Bergust, O'Conto, Ont.  Dominion Telephort Danney, Ont.  Bellorat Bergust, Victoria, Dout.  Bellorat Bergust, O'Conto, Ont.  Charles Michon, Annaberst, Ont	ns   3   4 sec., p. v. anomac, vincouver, p. v.				
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Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

Abbrevations Abbrevations. J.O., Joint owners propriétaires conjoints; M.O., Managing owner-propriétaire gérant; Pa., Paddle-à nubes; Sc. Serew-à hélico. Nanes of Motor Vessels in dalies-les noms des vaisseaux à noteurs sont en italiques. Liste alphanérique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917.

	8 GEORGE V, A. 1916
Owner or Manuging Owner, and Address. Armateur ou propriétaire gérant, et adresse.	The Minister of Marine and Fisheries, Ottawa, Ont. G. A. Campbell, Tidnish Bridge, N.S. Firmothy W. Crocker, Newcastla, N.B. Shencas R. Dodsworth, Lakefield, Ott. Newcanh N. Bardhay, Wolfville, N.S. Gay C. Pendleton, Dear Island, N.B. Assardie, N.B. Bardier, Mainy Hivor, Ont. The Minister of Lailways and Ganals, Ottawa, Ont. Glinton Melzushlin and Fdk. Melzushlin, Senl Cove, Grand Mann, N. H. Webort P. McDonald, Blind River, Ont. Hobber P. McDonald, Blind River, Ont. Hobber P. McDonald, Blind River, Ont. Hobber P. McDonald, Bland River, Ont. Hornes C. Duffield and Charles S. Hyman, J. O., London, Ont. Horris and Arthor Publicover, Blandlord, N.S. Harbert Young, Tancook, N.S. Grandle, Blandlord, B.C. Zephirn, Arpin, Landre, B.C. Zephirn, Arpin, Landre, B.C. Sakedi, Borchell, Thetis B., B.C. A. W. Jones, Ottawa, Ont. Heary Burchell, Thetis B., B.C. A. W. Jones, Ottawa, Ont. Casake Whitevorth, Ladher, B.C. Sakedi, Borgwa, Vancouver, B.C. Sakedi, Borgwa, Vancouver, B.C. Sakedi, Borgwa, Vancouver, B.C. Sakedi, Segawa, Vancouver, B.C. Sakedi, Segawa, Vancouver, B.C. Themas Marshall, Vancouver, B.C. Themas Warshall, Vancouver, B.C. Themas Warshall, Vancouver, B.C. Themas Warshall, Vancouver, B.C. Themas Warshall, Vancouver, B.C.
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Prolondour on pieda et 1000.	
Largeur en pieda et 10ea. Depth in feet and 10ths.	13 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
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Name of Ship. Nom do navire.	Section   Section
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6 4   § 8c J. B. Rheault, St. Remi du Lac au Sable, Que.	12   11   \$ sc   Heinry Gates, Blandford, N.S.   \$ sc   Kichrad Schinger, M.O., Blandford, N.S.   \$ sc   Kichrad Schinger, M.O., Blandford, N.S.   \$ sc   Kichrad Schinger, M.O., Blandford, N.S.   \$ sc   Charles A. Ryan, Ladysmith, B.C.   \$ sc   Charles A. Ryan, Ladysmith, B.C.   \$ sc   Kirl food Barker, Liscoonh, N.S.   \$ sc   Kirl food Barker, Liscoonh, N.S.   \$ sc   Fract.   Peach, Port.   N.S.   \$ sc   Fract.   As par.   Fract.   As par.   Fract.   As par.   Fract.   As par.   A	12 Se The Nanatino Canners & Packers, Ltd., Nanatino, B.C. 12 Se Hiram A. Calvia, Gardeo Island, Ont. 13 SeHiram A. Calvia, Gardeo Island, Ont. 14 SeHiram R. Nelson, Vietoria, B.C. 15 Se Hamber R. Nelson, Nanatioo, B.C. 19 Is Se The Minister of Railways and Cannels, Ottaws, Ont. 19 Se Jancie ed Navigation, Ville Marie, Que. 19 Se Jancie ed Navigation, Ville Marie, Que. 10 Se Jance of Navigation, Ville Marie, Que. 10 Se Jance A. Marker, Perderacen, N.B. 10 Se Manbrose A. Kirby, Toronto, Ont. 10 Se Manbrose A. Kirby, Toronto, Ont. 10 Se Whallon Pulp & Paper Mills, Ltd., New Richmond, Que. 10 Se Whallon Pulp & Paper Mills, Ltd., Vancouver, B.C. 10 Se T.C. And C. L. D. Sims, Little Courrent, Ont. 10 Sec T. C. and C. L. D. Sims, Little Courrent, Ont. 10 Sec The British Yukon Navigution Co., Ltd., Vancouver, B.C. 17 pa The British Yukon Navigution Co., Ltd., Vancouver, B.C.	55 5 5 5 Lummi Bay Packing Co. Ltd., Vancouver, B.C. 11 5 6 20 8c If F. McLeachin and Canded McLochlin, J. O., Araprior, Ont. 12 1 8c Dryden Timber & Power Co. Ltd., Dryden, Ont. 120 8 pa Canadian Pacific Railway Co., Montreal, Que. 1 9c George E. C. Gaedy, St. John, N.B. 1 8c Dryden, Ont. 15 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
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St. Remi du Lac au Sable, 3			Tucsaa, Tucsaa, Tucsaa, U.S.A.  Tucsaa, Ont.  Nakap, B.C.  Drydan, Ont.  Nakap, B.C.  Winnipe, Man  Shelburne, N.S.  Wandludelphin, Pa., U.S.A.  Virtoria, B.C.  Virtunouver, B.C.
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6Foreign name "Mariposa." <sup>6</sup> Formerly a sailing vessel, 13Foreign name "Wanneta", Proteign name "Surprise," 2Pormerly "Charles F. Dunbur," 3Pormerly "Arabia," 4Poreign name "Silver Spray," 7Pormerly "Governor Pingree," Re-registeree after wreek, 9 Pormerly "Hochelaga." 10 Formerly "City of Namaimo."

# Alphabetheal List of Steam Vessels on Registry Books in Canada, December 31, 1917.

Phrenations Abrenations: J.O., Joint owners propriétaires emjoints; M.O., Mannging owner—propriétaire géneat, Pa., Paddle—à nubes; Sc., Serew—à lédiée Naries est en italiques. Liste alphanérique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917

Crandall Harrison, et Company Limited, Newcastle, N.B.
Cyril F. Davie, Vietrin, B.C.
The Stewart Fish Co., Ltd., St. Poters, N.S.
Monarch Trawing, & Treduc Co., Ltd., New Westminster, B.C.
Monarch Towing, & Treduc Co., Ltd., New Westminster, B.C.
Christopher E. Kreding, N. orth Vancouver, B.C.
Christopher E. Kreding, North Vancouver, B.C.
Christopher E. Arans, Vincouver, B.C.
Cowiethen Lumber Co., Ld., Doncan's, B.C.
Goverichan Lumber Co., Ld., Doncan's, B.C.
S. Lower M. O. Cowiether Lumber Co., Ld., Doncan's, B.C.
Goverichan Lumber Co., Ld., Doncan's, B.C. Rainy River Jamber Co., Ltd., Rainy River, Ont. Canda Steamship Lines, Limited, Montreal, P.Q. E.T. Morrow, Fort William, Ont. A.C.Brown, St. Thomas and C.B. Brown, Port Stanley, Ont., J.O. Gorge A. Misener, Van vuver, B.C.
The Packers Steumship Co. Ltd., Ymeouver, B.C.
Canadian Fish Products, Ltd., 39 Old Broad St., London, Eng.
C. L. Packing Go., Ltd., Ymeouver, B.C.
William Ettershank, et al., J.O., Vancouver, B.C.
Ceorge W. Gattle, Vancouver, B.C.
Claries S. Boons, Toronto, Ont. Coastwise Steamship & Barge Company Limited, Vancouver, Montreal & Cornwall Navigation Co., Ltd., Carnwall, Ont. Arranteur ou propriétaire gérnot, et adresse. Owner or Munuging Owner, and Address. George J. Puradis, Salmon Lake, Que. Joseph W. Thie, Vancenver, B.C. Mines Busin SS. Co., Ltd., Canning, N.S. Adams River Lumber Co., Ltd., Chnse, B.C. John H. Melcan, Port Moody, B.C. Charles A. Bernier, St. Joseph de Levis, Que. Hugh Cann & Sons, Ltd., Yarmouth, N. Wm. K. McKenn, St. Omer, Que, H.P. of Engines and Mode of Propulsion. Puissance des machines en e. v. et mode de propulsion. 42.4 80. 42.8 80. 42.8 80. 43.8 8 41 pa. 2 pa. 14 8c.. 6 8c.. 13 8c.. 16 8c. 81 sc. Tonnage enregistre. 20222000 Segistered Tonnage 428 22 18 18 18 64 56 48 Gross Tonnage Profondeur en pieda et 10es 0 5 10 5 20000040F Depth in feet and 10ths. Largeur en pieda et 1000. 000000 32025 ONES CONTRACTOR 2482112822 2 Longueur en pieds et 10es. Breadth in leet and 10ths 8 091 70 07 170 7 36 0 105 0 39 4 59 5 Length in feet and 10ths St. Joseph de Levis, Que. New Westminster, B.C. New Westminsber, B.C. Tacoma, Wash, U.S.A. Vancouver, B.C. New Westminster, B.C. Canning, N.S. Vancouver, B.C... Kingston, Ont... Vancouver, B.C. St. Poters, N.S. Anunpolis Royal, N.S. Sidney, B.C..... Lieu de construction Vancouver, B.C..... Kippewa, Que...... Vancouver, B.C..... Where Built Salmon Lake, Que Vancouver, B.C.... Vancouver, B.C... Port Stanley, Ont. Liverpool, N.S.... Yarmouth, N.S... Port Arthur, Ont. Durtmouth, N.S. Bowling, G.B. Sorel, Que... Rebuilt..... oronto, Ont. Sidney, B.C. Simene, Ont. Cons. 1909 1913 1913 1913 1913 1913 1913 truit 60 Port of Registry Quebec New Westminster. New Westminster. vew Westminster Port d'onregistro-Annapolis Roynl. St. Joha, N.B. Windsor, N.S. Collingwood Kenora... Picton, Ont... ort Stanley Collingwood ort Arthur ancouver. Yarmouth. ancouver Vancouver vancous er ancourer ancourer Vancouver Halifax Kingston Quebec... retoria Victoria Lriehnt. )ttnwa 19063 British Columbia British Lion ..... Brown Brothers... Non da navire. 13049. C. F. P. 135609 (C. L. No. 1. 133548. C. G. J. 134110. C. W. J. SA935 C. A. Boome Buena Vista 03715 Bruce Cann 100188 Britanaio Brothers Buster B. Bute .... Bubbles. Burrand Bunney Bruce Brulot Bute 91907 112056 134635 138152 130325 122598 134037 20354 126015 17015 126403 133715 100195 111785 126922 134302 138352 13049× 107421

SESSIONAL PAPER NO. 22	
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The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont., Charles Cramb, Danville, Oot., Dominion Frieb Co., Ltd., Winnipe, Man. W. H. Hurdman., Ottaw, Oat., Manners Peadorgast, Cornwall, Oat., Marysburgh, Ont., Chark, M.O., Marysburgh, Ont., Chark, M.O., Marysburgh, Ont., Chark, M.O., Marysburgh, Ont., Arisbey Zinek, Dover, N.S., Arrowhead, B.C., The Finger Lamber Co., Ltd., The Pas, Man. Lacoth, Ottawa, On. Ltd., The Pas, Man. Lactic Gafenful of Teatrerpries Publiques, Levis, Que. John F. Hurdman, Ottawa, On. Ltd., The Pas, Man. Lactic Gafenful of Teatrerpries Publiques, Levis, Que. John F. Hurdman, Ottawa, On. Ltd., The Pas, Man. Justice Lamber Co., Ltd., The Pas, Man. Linger Lamber Co., Ltd., No. S. Mrs. Barbara Davis, Kingston, Ont. Claude W. Cole, Millord, Out. Linger Company Limited, Montreal, Que. Geo. F. Lttle and John Siddall, Port Matthend, Ont. Canada Stepmis Company Limited, Montreal, Que. Frad M. Richardon, West Isles, N. B. Gonden Stemship Lines, Ltd., Montreal, Que. San Kee, Vancouver, B.C. Gorden T. Leg, M.O., Vancouver, B.C. Andren L. Fraser, Victoria, B.C. Gorden M.O., Vancouver, B.C. Gorden T. Leg, O., Led, Montreal, Que. Chard, Stemship Lightonge Co., Ltd., Montreal, Que. Chard, Stemship Lightonge Co., Ltd., Montreal, Que. Chard, Montreal, Que.	Calma Steamship Lanes, Luminer, and contrem, Capana Steamship Lanes, Luminer, and Colin C. McNair and Horman Wilbur, Vancouver, B.C. British Yuken Nuvigution Co., Ltd., Vancouver, B.C. Chartes, A. Elliott, Itarrison Hot Springs, B.C. Chartes, A. Elliott, Itarrison Hot Springs, B.C. Lolin McGraw, Brookvelle, Ont.  Leibrid, Coal Co., Ltd., Montreal, Quo.  Tate M. Roberts, Vancouver, B.C. W. H. Holder and W. M. Barlow, St. John, N.B. E. Huot, Mentreal, Que. Steamship Cape Breton Co., Ltd., Sydney, N.S. John Harper, et al., Ottawa, Ont. Blobert W. Pawcett, Hamili's Point, Muskoka, Ont. The Ontario Lamber Co., Ltd., Toronto, Ont. Mrs. M. B. Paisley, Ottawa, Ont. Mrs. M. B. Paisley, Ottawa, Ont. Dominion Fish Co., Ltd., Winnipog, Man. Dominion Fish Co., Ltd., Winnipog, Man.
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Alphanetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

. Ibbrerations three itions: J.O., Joint owners propriétaires conjoints; M.O., Managing owner -propriétaire gérant; Pa., Paddle-à nubes; Sc., Serew-à hélice, Names of Motor Vessels in dahes -Les noms des vaisseaux à moteurs sont en italiques. LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917.

	8 GEORGE V, A. 1918
Owner or Manuging Owner, and Address. Armuteur on propriétaire gérunt, et adresso.	George Rumpel, Kitchener, Ont. Barnund Nagle, Resolution, N. W.T., 140.  N. W.T. 140.  N. W.T. 140.  N. W. 1867.  The Journal Michael, Crotton, B.C.  The Dominion Fish Co., Ldd., Winnipeg, Man.  The Minister of Railways and Canals, Ottawa, Ont.  Innes Playlatr, Milland, Ont.  Jamus Playlatr, Milland, Ont.  Jamus By Packing Co. Ldd., Yuncouver, B.C.  K.O. Larson and J. Erickson, Land, B.C.  Joseph M. Syer, Midland, Ont.  K.O. Larson and J. Brickson, Land, B.C.  Joseph M. Syer, Midland, Ont.  Robert G. Wallace, S. John, N.B.
H.P. of Engines and Mode of Propulsion. Puissance des machines en c v. et mode de propulsion.	2 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Registered Tonnage. Tonnage enregistré.	25.2.2.1.0.1.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0
Gross Tonnage. Tonnage brut.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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Breadth in feet and 10ths	00 -04-02/4-1-0 0 00-02/02/02/02/02/02/02/02/02/02/02/02/02/0
Length in feet and 10ths.  Longueur en pieds et 10es.	500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Where Bullt. Lieu de construction.	Portland, Mo., U.S.A. Fort Smith, Alta. Vancouver, B.C. Goderieth, Ont. Vancouver, B.C. Victoria, B.C. Caledonia, Wissh, U.S.A. Alexandria Bay, U.S.A. Sorel, Que Garleton Pince, Out. Three Rivers, Que Carleton Pince, Out. Vancouver, B.C. Conneauville, N.S. Luttle River, N.S. Luttle R
Built Cons- truit eb	1995 1995 1995 1995 1995 1995 1995 1995
Port of Registry. Port d'enregistre-	Collingwood Konora Vancouver Sault Ste. Marie Offtwa Vincouver Vancouver
Name of Ship. Nom du navire.	Cara II   Cara II   Cara II   Cara II   Cara II   Caraboo   Cara
Official No. N*	122377 116592 1165159 123129 123129 123129 123129 123129 123129 123129 131199 131199 131199 131199 131199 131199 131199 131199 131199 131199 131199 131199 131199 131199

SESSIONAL PAPER No. 22		
	Continental Dredging Co., Ltd., Moetreal, Que. John Niehol, Port Bruce, Ont. Quebec & Levis Ferry Co., Ltd., Quebec, Que. Actander B., McLoan, Sault Ste. Marie, Ont. Consalina Pacific Car & Passenger Transler Co., Ltd., Prescott, Consalina Pacific Car & Passenger Transler Co., Ltd., Prescott, Consalina Pacific Car & Passenger Transler Co., Ltd., Prescott, Sydnoy L. Perhovwood, Sault Sto. Marie, Ont. Sydnoy L. Perhovwood, Sault Sto. Marie, Ont. Junean McDonald, Southampton, Ont. The Muskoka Lakes Navigation & Hotel Co., Ltd., Toronto, Ont. Vietoria Harbour Lumber Co., Ltd., Victoria Harbour, Ont.	Union Steamship Co. of British Columbia Ltd., Vancouver B.C.
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P. C.	St. Catharines, Ont.  Port Stanley, Ont.  Port Stanley, Ont.  Saugatuck, Mich., U.S.A.  Torosto, Ont.  Vancouver, B.C.  Vancouver, B.C.  Vancouver, B.C.  Vancouver, B.C.  Vancouver, B.C.  Vancouver, B.C.  Veroris, Mills, N.B.  Owen Sound, Ont.  Chineggo, III, U.S.A.  Chineggo, III, U.S.A.	Govern, G. B.
1898 1898 1846 1846 1846 1846 1846 1846 1847 1847 1847 1847 1847 1847 1847 1847	1894 1905 1908 1908 1908 1862 1862 1865	1881
	St. Catbarines  Port Stanley Queboe. Sault Ste. Marie Prescott. Vancouver. Sault Ste. Marie St. John. N.B. Port Stanley Turosto. Windsor, Ont.	Vancouver
	97008 Charles E. Arm- 94718 Charles F.  Charles F.  33398 Charles Hallday. 128975 Charles Lyou. 134987 Charles Lyou. 134987 Charles W. Riter. 123491 Charles W. Riter. 12345 Charles W. Riter. 12345 Charles W. Riter. 12345 Charles W. Riter. 12345 Charles W. Riter. 1235 Charles W. Riter. 1235 Charles W. Riter. 1235 Charles W. Riter. 1236 Charles W. Scott. 1386822 Charles W.	85075 10Chasina
112243 112442 112442 112442 110462 110606 110606 110606 11221 11266 11226 1126	97008 94718 134492 134386 125975 134194 122450 103676 88622	85075

Porcign name "Cara." Proceign name "Sterling." Prormerly "J. R. McDonald." (Formerly "Orizaba." of Formerly "Robinault " of Formerly "Fastnet." Prormerly "Formerly "Selma" and "Santa Cecilia." "Formerly a sailing vessel."

Alpharetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

Abbrenations - Abrenations. J.O., Joint owners - propriètaires conjoints; M.O., Managing owner - propriètaire gérant; Pa., Padelle - à aubes; Sc., Screw - à bèire Novembre sont en infigure.

Names of Motor Vessels in inficie - Les noms des vaisseaux à moteurs sont en infigure. LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917.

			8 GEORGE V, A. 1918
en territoro.	Owner or Managing Owner, and Address. Armatour ou propriétaire gérant, et adresse.	Consistion Facilic Hallway Co., acouterst, 2008. Joseph Beaudin, Montreal, P.Q. Lioseph Beaudin, Montreal, P.Q. Union Steamship Company of British Columbia, Ltd., Vancouver, B.C. Canadian Tug Bont Co., Ltd., Vancouver, B.C. Union Steamship Co. of British Columbia, Ltd., Vancouver, B.C. The Victoria Luother & Manufacturing Co., Ltd., Vancouver, B.C. Jacob, B. and George E. Lightheutt, J.O., Vancouver, B.C. Jacob, B. and George E. Lightheutt, J.O., Vancouver, B.C. Ont., A. Cherrier, Montreal, Que. David T. Hall, Hall's Landing, B.C. Gypsun Packet Co., Ltd., Windsor, N.S. Gypsun Packet Co., Ltd., Windsor, N.S. Gypsun P. B.C. Gypsun P. B.C. Co., Vancouver, B.C.	Charles C. Coristine, Montreal, Que. Arthur W. Cogswell, Hallinx, N.S. Andra Steamahip Lines, Lidt., Montreal, Que. Copito Mori, Vancouver, H.C. Copito Mori, Vancouver, H.C. B.C. B.C. Conadian Fish & Cold Storage Co., Ltd., Vancouver. B.C. Conningham & Son, Ltd., Port Essington, B.C. R. Cunningham & Son, Ltd., Port Essington, B.C. F. W. Coates, Fort Frances, Ont. F. W. Coates, Fort Frances, Ont. T. Newton Pugeley, Pareshero, N.S. Fort George Trading & Lamber Co., Ltd., Fort George, B.C. Fort George Trading & Lamber Co., Ltd., Fort George, B.C. Fort George Trading & Lamber Co., Ltd., Kort George, B.C. John K. McLennan and Alan J. Adamson, Winnipeg, Man.
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more	Registered Tonnage. Tonnage enregistre.	497 170 170 260 260 260 160 112 36 36 112 36 36 37 37 37 37 37 37 37 37 37 37 37 37 37	550 550 411 553 550 550 550 550 550 550 550 550 550
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r31886	Protondeur en pieds et 10**.	**************************************	100000 + 04+ 01040
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nm3	Breadth in feet and 10ths.  Largeur en pieds et 10es.	20 20 20 20 20 20 20 20 20 20 20 20 20 2	22222
A8 D	Longueur en pieda et 1000.		2020 022 0 -4022
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Names of Motor Vesselv in thirds -Les nams des vaisseaux a moteurs sont en trutpus.	Where Built. Lieu de construction.	San Francisco, Cal. U.S.A. 200 0 Montreal, Que Sorel, Que Port Rohnson, Oat. 61 0 Port Rohnson, Oat. 61 0 Port Rohnson, Cat. 125 5 G.B. 125 6 G.B. 125 6 G.B. 125 7 Fraser Mills, B.C. 73 1 Dublus, Iteland 73 1 Vancouver, B.C. 93 4 Vancouver, B.C. 93 4 Verences, Que 10 0 Vancouver, B.C. 120 0 Verences, Que 120 0 Verences, Que 130 0 Verenc	
ATDCS	Suilt Cons. truit en	1886 1894 1997 1997 1997 1997 1997 1997 1997 19	1909 1909 1909 1909 1909 1908 1908 1919 1919
7.	Port of Registry. Port d'enregietre-	Victoria Montreal. St. Catharines Vancouver Haldar Kew Westmister. Vancouver Victoria Vincouver Toronto. Victoria Vinctoria Victoria Vinctoria Victoria Vinctoria Victoria Vic	Nancouver Montreal Haldrat Haldrat Haldrat Vancouver Prince Rupert Victoria Winnipeg Winnipeg Parraboro Victoria Winnipeg Victoria Victoria Victoria Victoria Victoria Victoria Victoria Victoria Victoria
	Name of Ship.	20 02 0 00 000	1793.8. (**Lodae 1841.9. (**Lodae 1853. (**Lodae 1873. (**Lodae 18
	Official No. No. No. Officiel.	1303.99 1303.99 1303.99 1303.99 1303.99 1303.99 1343.99 1343.99	137334 126491 126479 126573 133736 133719 94829 111458 92693 125963 125963 125963 1269164 1269164

6Formerly

<sup>5</sup>Foreige name "Japan."

SESSIONAL PAPER No. 22	
4 sc. Gosse Milard Packing Company Limited, Vancouver, B.C. 5 sc. Ablan Perivis, Vancouver, B.C. 14 sc. Allan Purivis, Vancouver, B.C. 15 sc. Allan Perivis, Manouver, B.C. 18 ps. Canada Steeniship Lines, Limited, Moatread, Que. 18 ps. Canada Steeniship Lines, Limited, Moatread, Que. 18 ps. Canada Steeniship Lines, Limited, Moatread, Que. 19 ps. Canada Steeniship Lines, Limited, Moatread, Que. 19 ps. Aresander Markay, Rossport, Ont. 10 ps. McSanda, M. Shieves, Campbollton, N.B. 10 ps. McSanda, McSayer, Co. 11 ps. Aresander Markay, Rossport, Ont. 12 ps. Aresander Markay, Rossport, Ont. 13 ps. International Externation Co., Ltd., Vancouver, B.C. 14 ps. Thom, Quebec, Que. 15 ps. William E. Beaton, Ottawa, Ont. 16 ps. William E. Beaton, Ottawa, Ont. 17 ps. Francis P. Osborn, Land, B.C. 18 ps. International Pertoleum Company, Limited, Toronto, Ont. 19 ps. Dominic Burns, Vancouver, B.C. 20 ps. The Minister of Public Works, Ottawa, Ont. 21 psc. The Minister of Public Works, Ottawa, Ont. 22 ps. Harloy Taylor, Port Stanley, Ont. 23 psc. International Pertoleum Company, Limited, Toronto, Ont. 24 psc. Mostka Pucking Co. Ltd., Vancouver, B.C. 25 psc. International Pertoleum Company, Limited, Toronto, Ont. 26 psc. Mostka Pucking Co. Ltd., Vancouver, B.C. 27 psc. Works Pucking Co. Ltd., Vancouver, B.C. 28 psc. Onthe Marking Co. Ltd., Vancouver, B.C. 29 psc. John Willer, Ltd., Edmonton, Alta. 20 psc. Onthe Steemship Lines, Ltd., South Co. 21 psc. Onthe Marking Co. Ltd., Vancouver, B.C. 22 psc. John Willer, Ltd., Edmonton, Alta. 28 psc. John Willer, Ltd., Edmonton, Alta. 29 psc. Onthe Willer, Ltd., Edmonton, Alta. 20 psc. Onthe Marking Co. Ltd., Wantaland, Out. 20 psc. Onthe Marking Co. Ltd., Wantaland, Out. 20 psc. Onthe Willer, Ltd., Edmonton, Alta. 20 psc. Onthe Marking Co. Ltd., Wantaland, Out. 21 psc. Angel-Canadian Londer, Out. 22 ps	93 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
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Tiles   China   Hot	17082   City of Lund   Vancouver   17082   City of Near York   Collingwood   17087   City of New York   Porono   City of New York   Porono   City of Prince Al- Prince Albert   City of Prince Al- Prince Albert   Port of City of Prince Albert   Port of City of Prince Albert   Port of City of Scan Drep.   Winnipeg   City of Scan Drep.   Winnipeg   City of Scan Drep.   Victoria   City of Scan Albert   Port Ilawkes   City of City of Vernon   Victoria   City of City of City of Vernon   Victoria   City of City of City of Vernon   Victoria   City of City
138163 107726 107726 107726 138536 1386234 130863 13107 1310	126545 117082 116393 1222018 1222018 130280 100645 100134 122400 130887 96762 11759 11859 96781 11859 96781 11859 96781 11859 96781
22-61	

Formerly "Edsull," "Bayfield" and "Hurrison." <sup>1</sup>Formerly "Promier" <sup>2</sup>Formerly "Cheslakee," <sup>3</sup>Formerly "Sunta Maria." <sup>1</sup>Formerly "Iodia." <sup>1</sup>Pormerly Sailing Vessel.

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

Abbrenations-Abrenations 1.0., Joint owners-propriètaires conjoints; M.O., Managing owner-propriètaire gèrant; Pa., Puddle A aubes; Sc., Serew-à bèlice. Names of Motor Vessels in italics-Les noms des vaisseaux à moteurs sont en italiques. LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917.

									8 (	GEO	RGE	V,	A.	191	8
Owner or Mannging Owner, and Address.	Armateur ou propriétaire gérant, et udressu.	10 sc August Junsen, Uclutt, B.C. 20 sc Vancouver, B.C. 22 sc Vancouver, B.C.	M. John W. Coughly, Vancouver, B. C. William N. Coughlin, Vancouver, B. C.	A. E. Gooderham, Toronto, Ont. The Minister of Public Works, Ottawa, Ont.	War Office, London, Eng. T. Owen James, Wine Harbour, N.S. The Sahle & Snanish Hoom & Silde Co., of Alzoma.	Ltd., Spanish River, Out. H. E. Armstrong, Kenora, Ont. Fraser River File Driving Company, Ltd., New Westminster,	B.C. Leonard A. Haymon, Kelowna, B.C.	<ol> <li>S. Odell, Westmount, Que.</li> <li>Dominion Fish Co., Ltd., Winnipeg. Man.</li> <li>The St., Mungo Canning Co., Ltd., New Westminster, B.C.</li> </ol>	Marine Navigation of Cannda, Ltd., Montreal, Que. J. B. Newcorob, M.O., Vanecouver, B.C.	Itoy M. Auk, Rolderville, N. B. Southern Salvage Co., Ltd., Liverpool, N.S. Censt Steamship Commany, Limited, 530 Seymour St. Vancon.	ver, B.C. Blael: Diamond Steamship Co., Ltd., Montreal, Que.	Abriles E. Judge, Halifar, M. C. Wellings E. Judge, Halifar, M. C. Wellings Eisberge, 17d Venezuer B. C. Welling Eisberge, 17d Venezuer B. C.	Wantee Construction Co., Ltd., Montreal, Que.	Steamer Colin W. Ltd., Quebec, Que.	Sir Charles L. Ross, Quebec, Que. Affred G, Heffer, Halifar, N.S.
nregiserte.  ngines and Mode lision.  des machines en de de propulsion.	II.P. of E	10 sc	\$ 30. S 80.	32 sc.	3 sc	8 sc					Г30 вс	8 SG	12 sc	98 BC.	25 sc.
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SESSIONAL PAPER No. 22				
John Arbuthnot, Victoria, B.C. Frederick Keeling, Vancouver, B.C. Nordka Pering Co., Ltd., Vancouver, B.C. The Farrar Transportation Co., Ltd., Toronto, Out. Levis Ferry, Ltd., Levis, Que. David Eligh, Burrit's Rapids, Out. Riorden Pulp and Paper Co., Ltd., Montreal, Que. Gillies Brox. Co., Ltd., Faneside, Out. Colomial Lumber Co., Ltd., Pembroke, Out. Colombia Coast Mission (Inc.), Vancouver, B.C. Losiah Ball, Fesserton, Out. Ohn D. Walker, Bass River, N.B. The Rathbur Co., Deseroutio, Out. Ohn D. Maker, Bass River, N.B. The Walker, Hallifar, N.S. Colum Cattocah, Carleton Pluce, Out. Lake Superior Paper Company, Limited, Sault Ste. Marie, Out. B. C. Mills Tug & Barge Co., Ltd., Vancouver, B.C. Forest Mills of Barge Co., Ltd., Vancouver, B.C. Forest Mills of Barge Co., Ltd., Vancouver, B.C. Forest Mills of Barish Columbia, Ltd., Van- Forest Mills of Barish Columbia, Ltd., Van-	conver, B.C. Canada Shipping Co., Ltd., Montreal, Que. Pacific Mills Ltd., Vancouver, B.C. The Maritime Steamship Co., Ltd., Black's Harbour, N.B. The Sincennes McNaughton Linc, Ltd., Montreal, Que. The Minister of Customs, Ottawa, Oct. J. L. Form, et al., Bracebridge, Out. Carthur R. Barrow, Hills Island, B.C. Canadian Bank of Commerce, H.O. Torosto, Out.	The Minister of Marine and Fisheries, Ottawa, Out, John W. Stewart, Vancouver, B.C. Jeee A. Lafontaine, Grandes Piles, Que. Perfect Mills, Ltd., Vancouver, B.C. The Union Steamship Co. of British Columbia, Ltd., Vancouver, R.C.	J. B. Bowerman, Port Perry, Out.  Olivet B. Sheppard, Torono, Out.  Olivet B. Sheppard, Torono, Out.  John Murror, Aulfs Cove, N. S.  John Murror, Aulfs Cove, N. S.  W. J. Poupore, Montreal, Quo.  John Doungly, M.O., Kingsom, Out.  John Doungly, M.O., Kingsom, Out.  John Doungly, M.O., Kingsom, Out.  Janada Sicambalp Lines Ltd., Montreal, Que.	M. Kenville, Brockville, Onckville, Onckville, Brockville, Onceville, Gue. Johe J. Harrigan, Port Dalhousie, Out. Coruma Shipoing Co., Ltd., Hulfax, N.S. Gorrge I. Wales, Vancouver, B.C. C. Yanez, Vancouver, B.C. C. Manez, Vancouver, B.C. Packers Steamship Co., Ltd., Montreal, Que. Packers Steamship Co., Ltd., Vancouver, B.C. Quebee, Habour Commissioners, Quebee, P.Q. Garber Habour Commissioners, Of Montreal, Montreal, Que.
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<sup>1</sup>Formerly "Queen of Pacific." <sup>2</sup>Formerly a sailing vessel, <sup>2</sup>Formerly "Stranstead." and Foreign name "Clyde," <sup>4</sup>Formerly "Vera." <sup>5</sup>Formerly "Massachusetts." <sup>6</sup>Formerly "Algerian." <sup>5</sup>Formerly "Algerian." <sup>5</sup>Formerly "Algerian." <sup>5</sup>Formerly "Answerlas". 8 | 3 sc... Harbour Commissioners of Montreal, Montreal, Que.

ALPHARETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1917.

1 et en en l'et it une J.O., Joint owners propraktaires conjoints; M.O., Managing owner - propriètaire gèrant; Pa., Paddle—à aubes; Sc., Screw—A hèlieo. Kannes of Motor Vessels in delice Lee nons des vaissenux à noteurs sont en indiques. LISTE ALFHARÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917.

	,	8 GEORGE V, A. 191
Mathques	Owner or Managing Owner, and Address. Armateur ou propriétairn gérant, et adresse,	Coutli Tug & Bargo Co., Ltd., Vancouver, B.C. Columbia Valley Frigated Fruit Lands, Ltd., Calgary, Alta. Sir William Yon Incree, Mortreal, Que. Cordon F. Legg, Aurocuver, B.C. James J. Sloan, Port Essington, B.C. W. M. Tyson, Waltroan, On. Weeley Newton, Vancouver, B.C. George W. Hale, Nelson, B.C. George W. Hale, Nelson, B.C. Adams River Lamber Company, Limited, Classe, B.C. Davidson-Ward Company, Lid., Hallax, N.S. Abermathy & Longbeel, Itd., Port Handy, B.C. Cland C. Krichtum, Prince Rupert, B.C. The Cranser Towning Company, Ltd., Hallax, N.S. Abermathy & Longbeel, Itd., Port Handy, B.C. Cland C. Krichtum, Prince Rupert, B.C. Whale Dub & Paper Mills, Itd., Yancouver, B.C. Whale Dub & Paper Mills, Itd., Vancouver, B.C. Whale Dub & Paper Mills, Itd., Vancouver, B.C. Whale Dub & Paper Mills, Ltd., Vancouver, B.C. The Granby Consolidated Mining, Smelting & Power Co., Ltd., Vancouver, B.C. Whale Dub & Paper Mills, Ltd., Vancouver, B.C. The Minister of the Naval Service, Ottawa, Ont. The Gerat Lakes Dredging Co., Ltd., Port Arthur, Ont. George R. Crowe, Winnipeg, Man. E. Adums Bringe, Waterloo, Quu. E. Adums Bringe, Waterloo, Quu. E. Adums Bringe, Waterloo, Quu. Charles Thulin, Land, B.C. Gerald R. Payne, Saturau sland, B.C., and Edward ? Coyle,
tuos saut	It.P. of Engines and Mode of Propulsion. Puissance des machines en e. v. et mode de propulsion.	28 86 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
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Les no	Longueur en pieds et 10 <sup>cs</sup> .	
lica .	Length in feet and 10ths.	
Address of Motor Vessels in dalies. Les noms des vaissenux à motenrs sont en daliques	Where Built.	Vancouver, B.C Seartile, Wish., U.S.A. Ayr, Scotland. Victoria, U.C Ayr, Scotland. Victoria, B.C Vancouver, B.C St. John, N.B. Vancouver, B.C. Chase, B.C. Chase, B.C. Port Glesgow, G.B. Fir, Wash, U.S.A. Fir, Wash, U.S.A. Fir, Wash, U.S.A. Vancouver, B.C. Chase, B.C. Chase, B.C. Chase, B.C. Chase, B.C. Chase, B.C. Chase, C.B. Vancouver, B.C. Vancouver, B.C. Vancouver, B.C. Vancouver, B.C. Vancouver, B.C. Vancouver, B.C. Selkirk, Man. Collingwood, Ont. Kingston, Ont. Varmouth, N.S. Varteen, Was. U.S. Actusen Sopal, B.C. Victoria, B.C. Victoria, B.C. Victoria, B.C. Victoria, B.C.
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SESSIONAL PAPER	No. 22						
	Dominion Fish Co., Ltd., Winnipeg, Man. Wm. and W. G. Black, Belleville, Ont. Ernest Covey, M.O., Tancook, N.S. R. S. FitzRandolph, Fredericton, N.B. Glaude McLachlin, Araprior, Ont. G. B. Magee, Merrickville, Out. The Minister of Public Works, Ottawn, Oot. Robert Hanna, Vancouver, B.C.		Mackenzie, Mann & Co., Linnited, Toronto, Ont. Chas, Williams, M.O., Sturgeon Falls, Ont. Wm. G. Goodchild, Tp. of Malden, Ont. Robert Lavy, Lumehurg, N.S. Robert Lavy, Luckh Engineering Construction Commun.				3 se Matter S. Stafforn and Harty L. Moore, J. O., Fort Stanley, Out. 1 se S. C. Marcdonald, Dunnville, Ont. 3 se Iames S. Einerson, Vancauver, B.C. 12 sc. Martin Monk, New Westminster, B.C. 6 Martin Monk, New Westminster, B.C. 6 se Howard L. Levlie, Tokernory, Ont. 4 se Allan Richie, Newtestle, N.B. 6 se Harbour Commissioners of Montreal, Montreal, Que. 8 sec Harbour Commissioners of Montreal, Montreal, Que. 8 sec Harbour Commissioners of Montreal, N.S. 6 sec Earie W. Hamber, Vancouver, B.C. 6 sec Earie W. Hamber, Vancouver, B.C. 7 formerly shiling Vessel. 6 formerly "Waubuushene." 7 Formerly
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Prince Ruport. Victoria. Noticela. Winnipeg. Stelbume. Licelbume. Licelbume. Midhand. Montreal. Toronto. Midhand. Toronto. Chatham. Out.	Goderich Belleville St. John, N.B. Ottawa. Quebee.	Vancouver. Winnipeg		St. John, N.B.	Liverpool. Vancouver. Vancouver. Vancouver. Kenorn. Halitax.	New Westminster	ninster N.B
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# Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917,

J. O., Joint owners—proprietaires conjoiots; M.O., Mannging owner—propriètaire gerant; Pa. Paddlo-d aubes; Sc., Screw - hibite. Liste alphanétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Names of Motor Vessels in italics-Las noms des vaissenux à moteurs sont en ibliques

**GEORGE V. A. 1918** 8 La Cie Ginerale d'Entreprises Publiques, Lovis, Quo. The Codures tapides Mandreubring & Power Co., Montreal, Que. Ling Choy and Ling Hop. J.O., Sidnoy, B.C. The British Vukon Navigation Co., Ltd., Vancouver, B.C. Albert Naymurk, Kenora, Ont. C. L. Packing Company, Limited, New Westminster, B.C. Armateur ou propriétaire gérant, et adresse. Jons Gunderson, Anniovitle, B.C.
Frank Roberts, Liverpool, G.B.
Frank Roberts, Liverpool, G.B.
The Southern Sulvance Co., Ltd., Liverpool, N.S.
John Shinad, Bear Point, N.S.
Joseph Hirtle, Tancrook, N.S.
Joseph Hirtle, Tancrook, N.S. Owner or Mannging Owner, and Address. Abernethy & Lougheed, Ltd., Port Haney, B.C. Thomas W. Whiteley, Somben, Ont. Jean Baptiste Simard, M.O., St. 16rôme, Que. Jean Baptiste E. Letellier, Quebec, Que. Edward Kinnie, Riverside, Albert Co., N.B. Wm. J. Gillis, Brechin P. O., Nanaimo, B.C. Louis E. Charron, St. Denis, Que. The Minister of Public Works, Ottawn, Ont. Southern Salvage Co., Ltd., Liverpool, N.S. Simeon Wellington Conrad, St. Croix, N.B. Jos. Cooper, Bracebridge, Ont. Hume B. Bubington, Prince Rupert, B.C. David Rhoderizo, Port Medway, M.S. North Vancouver, B.C. Mrs. Enile Bournsen, Vaneouver, B.C. Hugh P. Smith, Vaneouver, B.C. James De Grace, Shippigan, N.B. Frank Roberts, Liverpool, G.B. S. Purser, Hall's Bridge, Ont. Burrows, Wm. Puissance des machines en 1 % 6... 1 % 6... 1 % 6... 1 % 6... 1 % 6... HC... 133 Ac... 34 Re... 50 80... 65 Rc... 2 Rc... 2 Be... 2 8c... 6 8c... 6 8c... 7 8c... AC. BC. H.P. of Engines and of Propulsion. 23 Tonnage entegistte. 26 28 7 Registered Tonnage. Tonnage brat. 29824034 2832 2322±1E2 Стова Топпаке. Profondeur en pieds et 1000 44466702 436635 35475 35475 35475 Depth in feet and 10ths Largeur en pieda et 10co. Breadth in feet and 10ths ... 01 to aboid no tuougno.I 33 4 48 0 167 0 167 0 34 0 34 0 37 0 37 0 37 0 Length in feet and 10ths. Wedgeport, N.S. Tancook, N.S. Port Huron, Michigan, Sombra, Ont... St. Henri de Taillon, Que. St. Laurent, lale of Or-Kenora, Ont.... Tucoma, Wash., U.S.A. Shippigan, N.B..... Tacoma, Wash., U.S.A. Shelburne, N.S. Tacomn, Wash., II.S.A. Lieu de construction Bayonne, N. J., U.S.A. Buffalo, N.Y., U.S.A. Liverpool, N.S. Neteghan River, N.S. Hopewell Cape, N. 13. White Horse, Y.T... Where Built Lunenburg, N.S.... Lakeheld, Ont... St. John, N.B. Nanaimo, B.C. Steveston, B.C., Portneul, Que .. Shelburne, N.S. Hillsboro, N.B. Peronto, Ont.. Vietoria, B.C. Victoria, B.C. lenns, Que. Sorel, Que Cons 900 901 901 901 901 901 901 901 901 truit 0161 913 5061 Port d'enregistreiew Westninster. Port of Registry. hatham, N.B. Port Hope St. John, N.B. ment Liverpool ... Yarmouth. unenburg, BREOUVET. ancourer ancourer Vancouver shelburne nncouver ancourer ancouver loogravia Montreal Moneton Montreal Montreal return ietoria lakkar Sue hee Sachec STRIR ?ucbec Delemon LeBlanc. Nom du navire. Name of Ship. 1) Dan enderen De Queo. Dell Martin Delilah C .. )elivringo Delbert D Definance. Detinnee Delisle .. Delphia. Denise S Deaman MINNEY. De Las. Dr Hull Drooran Della C Delila Jen18a Dawn. MAN. Dawn. Delta. 100644 130948 131063 126×06 30497 officiel. 116415

SESSIONAL PAPER	₹ No. 22		
Basil Tessier, Pernbroke, Ont. John T. Inman, Caroe Cove, F.E.I. W. D. Morris, Ottawa, Ont. The Rat Portage Lumber Co., Ltd., St. Boniface, Man. The Minister of Marine and Fisheries, Ottawa, Can. The Minister of Marine and Fisheries, Ottawa, Can. The Alberta & B. C. Exploration Co., Ltd., Nelson, B.C. The Alberta & B. C. Exploration Co., Ltd., London, Eng. Peter Wallace, Vancouver, B.C. N. Ingram Countway, et al., Chestre Basin, N.S. N. Ingram Countway, et al., Chestre Basin, N.S. Canadian Bank of Commerce 11, O., 23 King St. W., Toronto.	B.C. thy, J.O., Port Haney, B.C., prort, B.C., U.S.A.  J. U.S.A.  Ties, Ottawa, Ont.  Ottawa, Ont.  Ottawa, Ont.  Ottawa, Ont.  Ottawa, Ont.  J.O., Midland, Ont.  J.O., Midland, Ont.  Thenestinguishene, Ont.  mited, 1412 Standard Bank	Miss Mismie McViear, Paris, Ont. Vancouver Creosofting Company, Limited, 1308 Standard Bank Baldg., Vancouver, B.C. William E. Gardner, Victoria, B.C. Adelard A. Cherrier, Montreal, Que. John T. Braden, Victoria, B.C. Robert W. Buller, Victoria, B.C. Joan A. Chapdelaine, Sorel, Que. John Thedmeyon, Seuth Bay, Ont. Chalchlin Brost, Ltd., Araprior, Ont. Charles F. J. C. Morgan, Port Stanley, Ont.	Join E. Russell, 32 Front St. W. Toronto, Ont. Corporation of the District of West Vancouver, West Vancouver, B.C. Western Fackers, Ldd., Menouver, B.C. Western Fackers, Ldd., Indouver, B.C. The Dennelly Salvage & Wrecking Co., Ltd., Kingston, Ont. The Minister of Public Works, Ottawa, Ont. The Minister of Public Works, Ottawa, Ont. Dr. W. F. Jackson, Brockville, Out. Dr. W. F. Jackson, Brockville, Out. Canada Stoamship Lines, Limited, Montreal, Que.
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<sup>2</sup>Foreige bane "Delilah," <sup>3</sup>Formerly a sailing vessel, 'Formerly 'Eurydice" and "Hastings," <sup>5</sup>Formerly "Tadousae."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1917.

FIGUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. J.O., Joint owners propriétaires ronjoints, M.O., Managing owner—propriètaire gérant; Pa., Paddie—à aubes; Sc., Screw—à hélice, Names of Motor Vessels in talors—Les noms des vaisseaux à moteurs sont en indiques.	Owner or Managing Owner, and Address. Armiteur on propriétuire gérant, et adresse.	1224 2	Ont, Jao, M. and Herbert Wallace, J.O., Cobalt, Ont. Jao, M. and Herbert Wallace, J.O., Cobalt, Ont. James Bel-Irving, Vancouver, B.C., James A. Mills, Hardwick, N.B., Broy, L., Werderson, Wands Harbour, N. S. John F. Crawford and Saunders Hoover, Tp. Duan, Haldiman	Ont.  Ont.  Ont.  Martin Baccardax, Portierville, N.S.  William Hand, Fort Dalhousie, Ont.  Hoyal St. Lawrence Yacht Chub, Daval, Que.  Royal St. Lawrence Yacht Chub, Daval, Que.  William Chriefshank, Namaino, B.C.  G. B. Loudey, Porteborough, Ont.  Mr. Jeannie F. Porgason, North Bay, Ont.  Loften J. Merander, Mazuthan, Merco.  Radolph H. Long, Port Stanley, Ont.  Donald B. McAulay, Southampton, Ont.  Mr. George Warson, Verenria, B.C.  Candidan Western Lamber Co., Ltd., Montreal, Que.  Donald B. McAulay, Southampton, Ont.  Mr. George Warson, Verberria, B.C.  Clandiam Western Lamber Co., Ltd., Fraser Wills, B.C.  The Minister of Marine and Fisheries, Ottawa, Ont.  Restlessoreder Law Drving & Boom Co., Campbellton, N.B.  Ring Edward Park Co., Jtd., Montreal, Que.  Charles A. Mardoch, et al., Sherbrooke, N.S.  F. Waters, Hull, Que.	John C. Mullen, Alonerstdsky, Ont.
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s vapeurs inscrits dans les registres maritimes du Canade conners propriétaire gérant; Pa., Names et Moter Vessels in dates—Les noms des vaissenux à moteurs sont en indiques	Where Built. Lieu de renstruction.	Fort Latour, N.S. Penetunguishene, Ont Stromness, Ont	North Bay, Ont. Vancouver, B.C. Richbucto, N. B. Osoda Hurbaur, N. S. Dunnville, Ont.	Porterville, N.S. Newcache, N.B. Newcache, N.B. Kingston, Ont. Nigston, Ont. Namino, B.C. Lindson lines, Ont. Renfew, G.B. Perr Sander, Ont. Maryland, F.S.A. Netorn, B.C. Raffolo, N. P. L. S.A. Netorn, B.C. Rag, City, Mach. (S.A. South Shelds, G.B. Newark, N.J., U.S.A. Rogston, Ont. Kingston, Ont. Rogston, Ont. Kingston, Ont. Rogston, Ont. Rogston, Un. R	CHEOON KAIL, MINE, A CO.
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SESSIONAL PAPER No. 22	
Canada Steanship Lines, Limited, Montreal, Que. William F. Kolbe, Port Dover, Ont., and Sanl. B. Grabell, Burnaby, Onc. Glarenee A. Lowe, Sydney, N.S. Clarenee A. Lowe, Sydney, N.S. Clarenee A. Lowe, Sydney, N.S. Clarenee A. Lowe, Sydney, N.S. Bueleefe L. Archeveque, Montreal, Que. The Upper Ottawa Improvocont Co., Ltd., Ottawa, Ont. Euclede L. Archeveque, Montreal, Que. Alexander A. Boudrot, Petit de Graf, N.S. Nathina G. Misener, M. O., Liscomb, N.S. James Leonard, Sk. John, M.B. James Moreau, Per Severn, Out. James Moreau, Per Severn, Out. James Moreau, Per Severn, Out. James Moreau, Port Severn, Out. James A. Henning, Port Barwell, Ont. Claire Thon, et al., Jo., Port Salado, Out. Claire Thon, et al., Jo., Port Salado, N.S. Jaincoln Steanship Co., Ltd., Vancouver, B.C. Charles Reinsborrow, Chatham, N.B. Jaincoln Steanship Co., Ltd., Vancouver, B.C. James S. Boreson, Vancouver, B.C. James S. Boreson, Vancouver, B.C. James S. Boreson, Vancouver, B.C. James Moreau, Bree Mines, Out. The Westholme Lamber Co., Ltd., Victoria, B.C. The B. C. Canning Co., Ltd., Jedly, Hallfax, N.S. William Scheneny, Bruee Mines, Out. The Westholme Lamber Co., Ltd., Jedly, Hallfax, N.S. Feight M. Greet' Co., Ltd., Jedly, Hallfax, N.S. Weight M. Greet' Co., Ltd., Jedly, M. Hallfax, N.S. Weight M. Garedin, Bay, Ont. P. Sergeb M. A. Aldridge, Therdond, Out. George Moore, M.O., St. James, Man. Wm. J. Keen and Jos. Milliams, J. O., Medrum Bay, Ont. Versich M. Haridge, Therdond, Out. Jednard J. Palk, Now Westminschen, J. Q. Medrum Bay, Ont. Wm. J. Keen and Jos. Milliams, J. O., Medrum Bay, Ont. P. Versich M. J. Keen and Jos. Milliams, J. O., Medrum Bay, Ont. P. Versich M. J. Keen and Jos. Milliams, J. O., Medrum Bay, Ont. P. Versich M. J. Keen and Jos. Milliams J. O., Medrum Bay, Ont. P. Versich M. J. Keen and Jos. Milliams J. Medrum Bay, Ont. P. Versich M. J. Keen and Jos. Milliams	
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Pormerly "Horsa," Proceign name "Alert," Promerly a sailing vessel, "Proceign name "Millio K 11".

## Alpharetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

Abbrevations J.O., Junt owners proprietaires conjoints; M.O., Managing owner-proprietaire gerant; Pa., Paddle A aubon; Sc., Screw A helice, LISTE ALPHANÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Names of Motor Vessels in dalies-Les noms des vaisseaux à motours sont en daliques.

		8 GEORGE V, A. 191	8
	Owner or Managing Owner, and Address. Armatour ou propriétaire gérant, et adresse.	Consolidated Optical Co., Ltd., Toronto, Ont.  Roger Maller & Sons, Ltd., Toronto, Ont.  The St. John River Steamship Co., Ltd., South Ray, N.B.  The St. John River Steamship Co., Ltd., South Ray, N.B.  The Edgewood Lumber Co., Ltd., Castlegar, R.C.  W. H. Taint, Fort Huwkeebury, N.S.  S. P. Michar and Wm. J. Howe, Port Dalhouste, Ont.  Allred Nelson, Whomoek, B.C.  John Wane, Prince Rapert, H.C.  Left Sidley Bast Co., Ltd., Penetraguishene, Ont.  The Martine Dredging & Construction Co., Ltd., St. John, N.B.  Clare Thom, M.O., Port Stanley, Ont.  Toronto, Out.  John West of C., Ltd., Toronto, Ont.  Wm. Rue, et al., Vancouver, B.C.  Toronto, Out.  Toronto, Ont.  John Moseip, Port Maitland, Out., and George Gorrell, Stromness of Ch., Ltd., Yoncouver, B.C.  John Moseip, Port Maitland, Out., and George Gorrell, Stromness of Ch., Ltd., Vancouver, B.C.  John Moseip, Port Maitland, Out., and George Gorrell, Stromness of Ch., Ltd., Vancouver, B.C.  John Moseip, Port Maitland, Out., and George Gorrell, Stromness of Ch., Ltd., Vancouver, B.C.  John Moseip, Port Maitland, Out., and George Gorrell, Stromness of Ch., Ltd., Vancouver, B.C.	Nicholas Basso, and Lawrence Russo, Victoria, B.C.
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	Where Built. Lieu do construction.	Vancouver, H C. Toronto, Ont. Vanceauver, H C. Cladfegar, H C. Thefte, P.E. I. The Range, N. B. Victoria, B.C. Vancouver, B.C. Vancouver, H C. St. John, N. B. Toronto, Ont. Portland, Mo., U.S.A. St. John, N. B. Collingwood, Ont. Portland, Mo., U.S.A. St. Williams, Ont. Vancouver, B.C. Goderteb, Ont. Vancouver, B.C. Goderteb, Ont. Vancouver, B.C. Goderteb, Ont. Little Bras D'Or, N. S. Tharcock, N. S. Tharcock, N. S. Tharcock, N. S. Tharcock, Ont. Little Bras D'Or, N. S. Tharcock, N. S. Tharcock, N. S. Tharcock, Ont. Little Bras D'Or, N. S. Tharcock, Ont. Little Bras D'Or, N. S. Tharcock, Ont. Little Bras D'Or, N. S. Tharcock, Ont. Vancouver, H C. Stronnoss, Ont.	Victoria, B.C.
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SESSIONAL PAPER No. 22	
Frank Wilson, Victoria, B.C. William McMillan, Loekeport, N.S. Simeon Salmon, Morrisburg, Ont. Furskine, A. Sharmon, Morrisburg, Ont. Furskine, A. Sharmon, Morrisburg, Ont. Gark, Ldd., Toronto, Ont. Alread Bradford, Victoria, B.C., and William Robinson, Vancouver, B.C. William Cross, Tancook, N.S. Ontal Bradford, Victoria, B.C., and William Robinson, Vancouver, B.C. William Cross, Tancook, N.S. Donald McInnes, Meadord, Ont. The French Rivor Boom Co., Ldd., Toronto, Ont. Chon L. McDonald, Campbellton, N.B. David Gillies, Carleton Place, On. Manson Young, Tancook, N.S. John Taylor, Vancouver, B.C. George Rea, Vancouver, B.C. Corge Rea, Vancouver, B.C. Corge Rea, Vancouver, B.C. Corge Rea, Vancouver, B.C. Corge Rea, Vancouver, B.C. Manson Malcolin, Collingwood, Out. Miller Lash and Glynn Osler, J.O., Toronto, Ont. Hornes E. Sims, Vancouver, B.C.	Wm. J. Rant, Lake Bennett, B.C. W. O. Spentram. Ottawa, Ont. Herman Finger, Port Arthur, Ont. Herman Finger, Port Arthur, Ont. Definace Fucking Co., Ltd., Vancouver, B.C. The Sincennes-MeNaughton Lide, Ottawa, Ont. Mrs. Richard Wn. Holland, Vancouver, B.C. Ganda Steunship, Lines Limited, Montreal, Que. Charles F. Todd, Victoria, B.C. Canda Steunship, Lines Limited, Montreal, Que. Phe Central Railway Company, Montreal, Que. The Forent River & Nipissing Nav. Co., Ltd., Sturgeon Falls, Ont. Use R. Marshull, Vancouver, B.C. The Rathury Co., of Canada, Montreal, Que. Ont. Ont. Ont. All Managarian Co., Hobeaygeon, Ont. Canadian Pacific Railway, Company, Montreal, Que. Canadian Pacific Railway Company, Montreal, Que. Angus Feltnate, Whitehaven, N.S. Angus Feltnate, Whitehaven, N.S. Formerly "Peerless." "Turbines.
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116553   Elmarsh   116553   Elmora T   Bonney   116559   Elmora T   Bonney   122059   Erosseo   122056   Erosseo   122071   Elsie	Emma Emma Emna Emna Emna Emna Emna Emna
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## Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

Sharradons . Barradons J.O., Joint owners propriates conjoints; M.O., Manuging owner propriatuire garnet; Pa., Faddlo-Anubes; Sc., Serew-A liblica, Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada an 31 décembre 1917. Names of Motor Vessels in italics. Les noms des vuisseaux à moteurs sont en italiques.

Colonial Lambor & Paper Mills, Ltd., Vancouver, B.C. The Three Rivers SS, Co., Ltd., Georgekown and Montague, P.E.I. Walter F. Hamon, Paspebine, Que. Frederick W. Komp, Franklin, Oat. Jes. Hielop, Fort Rao, N.W.T., and Edmund Nagle, Recolution, N.W.T., J.O. John A. Aylmer, Peterboro, Oat., and Frederick D. Brown, Geo. Gutes and Chernes Walters, Lonenburg, N.S., J.O. George W. Hatton, Peterboro, Out. William Jackson and Arthur Brockhurst, Victoria, B.C. William Simpson, Vancouver, B.C. Joseph A. Mercier, Les Escouranne, Saguenay Co., Que. Spanish River Paper and Pulp Co., Ltd., Toronto, Ont., William R. Shand, et al., J. O., Vancouver, B.C. Armateur ou propriétaire gérant, et adresse. Charles H. Grylls, Lakefield, Ont. The Minister of Marine and Fisheries, Ottawa, Ont Owner or Managing Owner, and Address Acton Kilby, Harrison River, B.C. Montreal Transportation Co., Ltd., Montreal, Que Achales Towbont Company, Ltd., Vancouver, B. John E. Russell, Toronto, Ont. F. F. Miller, Napanee, Opt.
Bellerive Towing Company, Three Rivors, Que.
Mrs. Edna R. Price, St. Catharines, Ont. Harbour Shipping Co., Ltd., Vancouver, B.C. Charles O. Clark, Montreall, Que. Alaxander Grierson, Vanconver, B.C. Geo. W. Brownlee, Rainy River, Ont. Frank Roberts, Liverpool, Eng. Samuel L. Howe, Vancouver, R.C. Minister of Customs, Ottawa, Out Walter Wm. West, Nelson, B.C. John Musgrave, Victoria, B.C. Toronto, Ont., J.O. Tonnage enregistre.

H.P. of Engines and Mode of Propulsion.
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SESSIONAL	PAPER No.	. 22				
The Trent Valley Navigation Co., Bobcaygeon, Ont. Jao. Leadum, Rilind River, Ont., Montreal, Que. The Rainy River Dredging Co., Ltd., Fort William, Ont. The Grand River Pulp & Lamber Co., Ltd., Halifax, N.S. The Grand River Pulp & Lamber Co., Ltd., Halifax, N.S. John Plennin, Mortiner's Point, Ont. John Flennin, Mortiner's Point, Ont.	Claude R. Doxat, M.O. Asheroft, B.C. William A. and Helen M. Whillow, J. O., Prince Rupert, B.C., William A. and Helen M. Whillowe, J. O., Prince Rupert, B.C., Engvick Limited, Vancouver, B.C. W. A. Glark, Collineavood, Ont. Fordinand Boisvort, St. Croix, Que. Narcisses E. Picotte, Montreal, Que.	Albeit African, Sylvanov, N.S. Great Northerr Transfer Co., Ltd., Vancouver, B.C. Alexander I. Kolosoff, M.O., Eburne, B.C. The Minister of Lands for British Columbia, Victoria, B.C. War Office, London, England, Wher Office, London, England, The Minister of Lands for British Columbia, Victoria, B.C. War Office, London, England, The Minister of Lands for British Columbia, Victoria, B.C.	Robard W. Floming, Neckol Larbouc, N. S. The Ministor of Marine and Fisheries, Ottawa, Ont. Fr. Loggic, M.O., Loggicwille, N. B. Erager, M.O., Monouver, B.C. Elagen McMillel, Vancouver, B.C. Samuel Dunaville, Hopewell Cape, N. B.	Calab Gray, Sambro, N.S. Manuel Morchis, Dover, N.S. Manuel Morchis, Dover, N.S. Titz Randolph, Fredericton, N.B. The British Columbia Sulphite Co., Ltd., Vancouver, B.C. The Minister of Lands for British Columbia, Victoria, B.C. Lysander Wnot, Liverpool, N.S. Lysander Wnot, Liverpool, N.S. When George B. Sparrow, Vancouver, B.C. Wirs. George B. Sparrow, Vancouver, B.C. Wirs. George B. Sparrow, Vancouver, B.C.	H. Bell-It ving Co., Lid., Vancouver, B.C. Dominion Fish Co., Lid., Vancouver, B.C. Domon Hawes, Guyeborough, N.S. J. Blewett, Lakefield, Out. Frank T. Pugsley, Windsor, N.S., and Joseph N. Pugsley, Parrisboro, N.S.	Wm. A. Nowcoundo, Pleasant Intrhour, N.S. Fred S. Buck, Vancouver, B.C. M. Graham, Knewonge, Ont. A. Graham, Knewonge, Ont. Alfred Quinn, Broughton Island, B.C. John F. Williamson, St. John, N.B.
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1887 1887 1895 1904 1909 1897	1897 1906 1906 1906 1906	1902 1902 1901 1913 1913 1913	1914 1903 1893 1895 1906 1900 1900	1915 1909 1880 1884 1913 1913 1910	1907 1893 1904 1906 1905	1910 1907 1907 1901 1903 1912
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1Formerly "Effe L." Pormerly "Sarah M. Renton," Foreign name "Princess May," Formerly a sailing vessel and formerly "Rainbow" and "Teaser."

## Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

Abbremations - Abrémations | J.O., Joint owners - propriètaires conjoints; M.O., Madaging owner - propriètaire gérant; Pa., Paddle-à nubes; Sc., Screw-à hèlice.

Names of Motor Vessels in italice - Les noms des vaisseaux à moteurs sont en taliques. LISTE ALPHARÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917.

				8 GEORGE	V, A. 1918
	Owner or Managing Owner, and Address. Armateur og propriétaire gérant, et adresso.	I se Roderiek A. Cameron, St. John, N.B. 3\$ sc Wm. Elliott Vaughan, Frederieton, N.B. 1 sc John B. Bowerman, Port Perry, Ont.	Fred E. Clark, Stargeon Falls, Ont. Fred E. Clark, Stargeon Falls, Ont. Fred E. Clark, Stargeon Falls, Ont. Edward F. Burns, Vancouver, B.C., Ltd., Prince Rupert, B.C., Edward F. Burns, Vancouver, B.C., Edward F. Burns, Vancouver, B.C., Canadian Dredging Co., Ltd., Midland, Ont. The F. W. Reobling Company, Ltd., Pholinx, N.S. The F. W. Reobling Company, Ltd., Moltreal, Que. Alphonse Descohers, Sørel, Que. Alphonse Descohers, Sørel, Que. Canada Steamship Co., Ltd., Vancouver, B.C. Canada Steamship Lines, Ltd., Montreal, Que.	Geo. M. Fraser, Edwardaville, N.S. J. G. Richardson, Brockville, Ont. J. G. Richardson, Brockville, Ont. The Minister of Public Works for B. C., Victorin, B.C. Liverpoof, Canning Co., Ltd., Vancouver, B. C. Liverpoof, Canning Co., Ltd., Vancouver, B. C. Spanish River Co., Spanish River, Ont. Kingcome Nav. Co., Ltd., Vancouver, B.C. Kinger Nav. Co., Ltd., Vancouver, B.C. The Tracoma Nav. Co., Ltd., Vancouver, B.C. The Minister of Public Works, Ottawa, Ont.	Westminster Towing & Fish Co., Ltd., New Westminster, B.C. E. T. Edvards, ed., Ottuwa, Ont. Candain Variabat Co., Ltd., Vancoaver, B.C. Candain Westminster, B.C. Mrs. Sarah M. Chriman, Iroquois, Ont. Milliam K. Sirnes, Irodois, Ont. The Sinceanes-Ne Naughton Line, Ltd., Montreal, Que.
	H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion.	3 8c	20 pa	88 86. 88 86. 22 86. 2 86. 75 86. 16 86.	39 9c 6 8c 131 9c 10 sc 54 9c
1	Tonnage enregistré.	3.0	18 79 79 77 77 70 10 10 10 10 10 10 10 10 10 10 10 10 10	2002-100-10 1004-100-10	36238
	Tonnage brut.	105	1000 1000 1000 1000 1000 1000 1000 100	110 4 773 4 734 4 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	145 80 53 53 161
	Gross Tonnage.			•	
	Depth in feet and 10tha,  Profondeur en pieds et 10es.	3 3 3	2000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	010000000000000000000000000000000000000	10 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	Largeur en piecla et 1000.	10 1-10	098000880	0-000000-0	0000040
ı	Breadth in feet and 10ths.	17	38 38 38 38 38		21 9 0 115 0 115 0 111 120 121 121 121 121 121 121 121 1
	Longueur en pieda et 10.	73 5 35 9	37 8 28 0 28 0 28 0 37 0 102 2 203 0 209 0	00 00 00 00 00 00 00 00 00 00 00 00 00	102 0 37 0 54 0 56 0 81 0
	Length in feet and 10ths.				
	Where Bailt. Lieu de construction.	Portland, N. H. St. John, N.B. Springfield, N.B. Toroeto, Ont.	Stargeon Falls, Ont.  North Vancouver, 13 C.  Spillimacheen, B.C.  Simese, Ont.  Midland, Ont.  Midland, Obs.  Sorel, Que.  Tacoma, Wash, I'S.A.  Grand Haveo, Mich., U.  Grand Haveo, Mich., U.	Quebec, Que. Kingston, Out. New Glasgow, N.S. Vancouver, B.C. Philadelphia, Pa., U.S.A. Oweo Soned Ont., U.S.A. Taccouna, Wisdin, U.S.A. West, Bay City, Mich., U.S.A.	New Westminster, B.C Ottawn, On Fraser Mills, B.C New Westminster, B.C Sault Sie, Marie, Out Son't Que.
-	Built Construit	(1913 1909 1887	1907 1910 1910 1910 1910 1910 1910 1910	1831 1898 1990 1909 1875 1882 1908 1893 1893	1907 1912 1912 1885 1915 1915
	Port of Registry. Port d'encegistre- ment.	St John, N.B.	Ottawa Ottawa Prace Inpert Prace Inpert Ottawa Hidhad Hidhad Mottral Mottral Notreal Notewal New Westminster Piccoo, Ost.	Sydney, N.S. Fingerton St. John, N.B. New Westmiaster. Vancouver St. John, N.B. Uwen Soand Uwen Soand Vancouver Vancouver Vancouver	New Westminster Ottowa. New Westminster New Nestminster Prescott. Sault Ste. Marie. Mootreal
	Name of Ship. Nom du navire.	SSSS2 Breadu 19587 Krote 92138 Express	F. E. C. B. C. B. F. N. B. F. M. Phippen F. N. A. Maery F. W. Grant F. W. Breeling F. W. Breeling F. W. Breeling F. P. Burf F. Paul	Fairy Falcon	Faultless Fay Fearful Fearless Fearless Fearless Ferliess Felora II
	Official Official No.	58682 126287 92138	1265.27 130.64.1 130.29.2 134.02 134.26.2 1165.3 1261.50 134.89 1261.50 134.89	S0764 71175 100704 126701 133389 96943 85322 126205 121711	122197 116563 130494 107247 92422 131612

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1906 1916 1917 1917 1917 1917 1917 1917 191
1905   Form of Outbook   1895   58   58   58   58   58   58   58
120221 107504 103050 103152 10

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

Abbrenstions the rister. J.O., Junt owners propriètaires conjoints; M.O., Managing owner propriètaire gérant; Pa., Puellle à aulius; Sc., Serew Abbline. Liste alphabérique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Names of Motor Vessuls in italics - Les noms des vaisseaux à moteurs sont en italiques

		8 GEORGE V, A. 1918
(1wme or Managing Chaner, and Address. Armateur on propriétuire gérant, et adresse.	Hableon's Bay Company, London, England Hollson's Bay Company, London, England J. C. McNee, et al., Carleton Place, Ont. Johnel G. Forbas, Victorin, B.C. Frank Ling, Halfark, N.S. Frank Ling, Halfark, N.S. Wandon Palp & Paper Mills, Led., Nancouver, B.C. Wildon Palp & Paper Mills, Led., Nancouver, B.C. Nooke, B.C. Noo	11. Oldfield, Parry Sound, Ont.  *Marelli, Konera, Pleusaniville, N.S.  *M. McTron, Sherbrooke, Que.  **Donk and H. A. Belyen, J.O., New Westminster,  **Donk and H. A. Belyen, J.O., New Westminster,  **Ind Bank of Commerce, Toronto, Ont.  **Ind Bank of Commerce, Toronto, Ont.  **Ind Dark Midland, Ont.  **Y Chew, Midland, Ont.  **Y Chew, Midland, Ont.  **Y Chew, Midland, Ont.  **Y Chew, Midland, Ont.  **The Chaster, Lincoln, Sunhury Co., N.B.
M.P. of Engines and Mode of Propulsion. Puissance des muchines en C. v. et mode de propulsion.	9 pn. 4 sec. 11 sec. 12 sec. 12 sec. 12 sec. 12 sec. 11 sec. 12 sec. 11 sec. 10 sec. 1	10 ac. 11
Registered Tonnage. Tonnage enregistié.	88 - 421-65	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Топппке brut	25 27 27 27 27 27 27 27 27 27 27 27 27 27	52 52 12 12 12 13 10 10 10 10 10 10 10 10 10 10 10 10 10
Prolondeur en pieda et 10ea.   Cross Tonnage.	40000000 000 000 000 000 000 000 000 00	6-60-60 H0630 +
Largeur en pieds et 10cs. Depth in feet and 10ths.		200000-0 00-00 00
Breadth in feet and 10ths		######################################
Length in feet and 10ths.	02 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 22523 5 52525 3 22523 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Micros to the form of the form	Vancouver, B.C. Ameouver, B.C. Ameou	Parry Sound, Ont Innehiture, N.S. Konorn, Ont. Kingelton, Ont. Walfalo, N.Y., U.S.A. Quebre, Que Ancouver, B.C. Port Glasgow, G.B Vancouver, B.C. Nordread, Que Collingwood, Ont Port Huron, Medigan, U.S.A.
Built Cons truit en	2001 2001 2001 2001 2001 2001 2001 2001	1903 1903 1903 1903 1903 1903 1700 1700 1700 1700
Port of Regutry. Port d'anregistre-	Winnipeg Vancouver Vancouver Lone aburg Vancouver Vancou	Toronto Lumonburg Kentera Kingston Montreal Quebec New Mostinister. Quebec Nan Suver Montreal Collingwood Sault Sto. Mario
Name of Ship Nom du navire	3102 Fort McMurray 3102 Fort W-Person 2173 Fort Mode 2173 Fortes Lenore 1773 Fortes Lenore 1875 Fortes Lenore 1875 Fortes Lenore 1875 Fortes Lenore 1875 Fortes Million 2845 Fortes Hoho 1875 Fortes Hoho 1875 Franck 1871 Frank B Stevens 18311 Frank B Stevens 1855 Frank 1875 Frank Million 1875 Frank 1875 Frank 1875 Frank B Stevens 1875 Frank Million	Frank I. Frank I. Frank I. Frank II. Frank N. Mot ren Frank Prew Frank Prew Praser Forty No. 1 Fraserville, Fred-rell. Fred-I. Ilodgson, Fred-I. A. Ilodgson, Fred-I. A. Lee Fred Glasier,
Official No.	13.46.0 13.41.0 13.41.0 13.12.5 12.12.5 13.04.6 12.64.5 10.77.5 10.77.5 10.77.5 10.77.5 10.77.5 10.77.5 10.77.5 10.77.5 10.77.5	117079 117073 117073 117073 117073 117073 11715

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SESSIONAL PAPER No. 22
Northern Dredging & Construction Co., Ltd., Loggieville, N.B. Boardman Checoy, Whieldstad, N.B. Goverge Encels Adams, Parry Sound, Ont. D. D. Leilsunce und Franks & Finley, Weigeport, N.S. Placer Wallane, Vancouver, B.C. The Candian Fish & Cold Storage Co., Ltd., Vancouver, B.C. The Lakes Timber Co., Ltd., Vancouver, B.C. The Lakes Timber Co., Ltd., Vancouver, B.C. From Tow Boat Co., Ltd., Moneuver, B.C. From Tow Boat Co., Ltd., Moneuver, B.C. From Tow Boat Co., Ltd., Montreal, Quo. Ministor of Public Works, Ottawa, Ont. The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont. The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont. The Damolly. Kingston, Ont. The Margaret Cook, Windsor, Ont. The Damolly. Kingston, Ont. The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont. Lac Ompagine Marine and Fisheries, Ottawa, Ont. The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont. The Wisher Co., Ltd., Rockhand, Ont. Miss Alma F. Gregory, St. John, N.B. W. C. Edwards, Co., Ltd., Rockhand, Ont. Mark Superior Company, Ltd., St. John, N.B. Gorogichi Nakanara, Storeston, B.C. Montezuma Transportation Co., Ltd., St. John, N.B. T. Johenst, Montezum, Storeston, B.C. The Marineter Montreal, Que. Gorogichi Nakanara, Storeston, B.C. The Marineter Ottawa Improves, M. C. The Wainster of the Navell Service, Ottawa, Ont. Thomas I., Burgess, M. Ottareuver, Ont. The Shainth, Fort Wellium, Ont. The Namineter Ottawa Namine, Tour Vancouver, B.C. The Marineter Ottawa Improve, Ont. Themas II, Burgess, M. Ottareuver, Ont. Thems II, Burgess, M. Ottareuver, Ont. Thems II, Burges, M. Ottareuver, Ont. Then Marineter Ottawa Improved.
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88 834 85 85 85 85 85 85 85 85 85 85 85 85 85
Hawkeebury, N.S. Siewart, P.E.I. Nesan Coor, N.S. A. Sand, Ont. A. Wash., U.S.A. A. Wash., Ont. A. Wash., Ont. A. Wash., Ont. A. Que. A.
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Fred. I. M. Paint Chatham, N.B. Fred. M. Batt Chartham, N.B. Fred. M. Batt Chartottown. Fred. M. Adams Fred. M. Margouth Fred. M. Margouth Fred. M. Minnipes. Fredericton Fred. M. Minnipes. Fredericton Fred. M. Minnipes. Fredericton Fred. M. Minnipes. Fred. M. Minnipes. Fredericton Fred. M. Minnipes. G. B. Green G. A. M. Met. M. M. B. Footlers M.
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Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

Abbreration and Abreliance J.O., Joint owners proprietaries companies; M.O., Manusting owner proprietaire general; Pa., Padelle d'aubest, Se., Serow Abblico Liste alphabérique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Names of Motor Vessels in dalies. Les noins des vaisseaux à moteurs sont en daliques

		8 GEORGE V, A. 19'3
	Owner or Managing Owner, and Address. Armateur on propriétaire gérant, et adresse.	The Nigerta, St. Cattharines & Toronto Nav. Co., 14d., Toronto, Ont.  The Midland Teaving & Wreeking Co., Ltd., Midland, Ont.  James P. MacDomald, Messagard shaul, Ont.  James P. MacDomald, Messagard shaul, Ont.  Tarchi 1992 Severeton, B. C.  Tanchi 1992 Severeton, B. C.  Tanchi 1992 Severeton, B. C.  Lake Magante Pulp Co., Lake Magantis, Que.  Lake Magante Pulp Co., Lake Magantis, Que.  Loseph E. Batler, Sameauver, B. C.  Lohn Hondy Chres and Charles W. Cates, NorthVancouver, B. C.  Robert W. Ellis, Ameauver, B. C.  Lohn E. Moore, Westport, N. S.  A. S. Santant, Stophenson Towaship, Muskoka, Ont.  Lohn E. Moore, Westport, N. S.  A. S. Santant, Stophenson Towaship, Muskoka, Ont.  Lohn E. Moore, Westport, N. S.  A. S. Santant, Stophenson Towaship, Muskoka, Ont.  Cleargo W. Cabvell, et al., St. John, N. B.  Cleargo W. Cabvell, et al., St. John, N. B.  Cleargo W. Cabvell, et al., St. John, N. B.  Cleargo W. Cabvell, et al., St. John, N. B.  Cleargo W. Cabvell, et al., St. John, N. B.  Cleargo W. Cabvell, et al., St. John, N. B.  Cleargo W. Cabvell, et al., St. John, N. B.  Cleargo W. Cabvell, et al., St. John, N. B.  Cleargo W. Cabvell, et al., St. John, N. B.  Cleargo W. Cabvell, et al., St. John, N. B.  Cleargo W. Cabvell, et al., St. John, N. B.  Cleargo W. Cabvell, et al., St. John, N. B.  Cleargo W. Cabvell, et al., St. John, N. B.  Cleargo W. Randauey, Tobermery, of the Lebertson, Eurary, Summerside, Midla  W. W. Benchury, Summerside, Midla  E. Merer, Summerside, Nikid  Charles Japerer, Harmaniad, Kingston, Ont  Charles Japerer, Harmaniad, Columbia, Lid., Reveletoke, B. C.  Marker, Summerside, Ont, Sank, St.  Charles J. Leuly, Reveletor, Saskuton, Saskuto
abolk bu	H.P. of Engines and of Propulsion. Pulseance des mace, e. v. et mode de pro	150 ps - 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	Hegistered Tonnage Tonnage enterjated	
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.sdivi	han test at digned	F 882 55488888 382 584 545 544 544 548 548 45
	Where Built Lieu de construction	Toronto, Ont.  Toronto, Ont.  Kin ston, Dat.  Selkrik, Man  Selkrik, Man  Malbandson, B C  Marbandson, B C  Vancouver, B C  Va
	Construct	2
	Port d'enregistre- nent.	Foronto  Sull Ste. Marie  Kingston  Now Westmuster  (Juches  Montreal  Vancouver  Vancouver  Vancouver  Foronto  Vancouver  Foronto  Vancouver  Foronto  Vancouver  Foronto  Vancouver  Digby  Vancouver  Porgby  Vancouver  Sult Ste Mario  Digby  Vancouver  Nancouver  Nancouver  Sult Ste Mario  Orgby  Vancouver  Vancouver  Sult Ste Mario  Orgby  Vancouver  Vancouver  Vancouver  Sult Ste Mario  Organia
	Name of Ship Nom du navire	Garden City  2015. Garnet  2016. Garnet  2017. Garnet  201
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SI	ESSIONAL	PAPER No. 22			
B H. Turner, Little Current, Oat.	The Minister of Railways and Canala, Ottowa, Ont. John Fenderson & Co. (Inc.), St. Marie of Sayabee, Que. Gorges Sigonin, St. Vincent de Paul, Que. Joseph Tremblay, Alexis Re. Anne, Co. of Chierattimi, Que. Estamle Fornet, Fort William, Ont. Sayamal Express, Fort William, Ont. Sayamal Carabam Point Grey, B.C. and Reginald Martlew,	J. C., 1997 Moody, B. C., Montreal, Que, John Galian, M. O., Parry Sound, One. The Minister of Lands for British Columbin, Victoria, B. C. Tandth West Coast Navigation Co., Litt., Nancouver, B. C. Canadian Steamship Lines, Ltd., Montreal, Que. Canadian Northern Steamships, Ltd., Toronto, Onl Samuel Forrest, Fort William, Out. P. F. Noffan, Brockville, On. P. F. Noffan, Brockville, On. P. F. Noffan, Brockville, On. Nobel Bros. Co., Ltd., Vancouver, B. C., Nobel Bros. Co., Ltd., Owen Sound, Ont.	George McBeth, Alberton, P.B.I.  Boardman Cheney, Whitelead, Grand Manae, N.B. Telus, M. Ross, Stony Island, N.S. Telus, M. Ross, Stony Island, N.S. Telus, M. Boss, Stony Island, N.S. Telus, M. Boss, Canned, M.S. Towder Company of Canned, Ltd., Vancouver, B.C. Robert Hobbs, Vancouver, B.C. Hugh McDonald, Sydney, N.S. Hogh McDonald, Sydney, N.S. T.C. M. Northcoto, Vancouver, B.C. The Musick Wood Manafacturing Co., Ltd., Huntsville, Out., Halifax, Tow Boat Co., Ltd., Helffax, N.S. Inland Trading Co., Ltd., Holfiax, N.S. Inland Trading Co., Ltd., Proferral Property	N.S. John M. Mefntosh, Victorin, B.C. John H. Thorburn, M.O., Sand Point, N.S. The British Yukon Navigathon Co., Ltd., Vancouver, B.C. The British Yukon Navigathon Co., Ltd., Vancouver, B.C. Thu Ottawa, Transporation Co., Ltd., Ottawa, Ont. Thu Price, Drott Stanley, Ont. Riden Urice, Drott Stanley, Ont. Geo. Albort LeBaron, North Hatloy, Que. Albort A. Agar, Barks Fulls, Ont. Albort A. Agar, Barks Fulls, Ont. Canada Steamship Lines, Ltd., Montreal, Que. Canada Steamship Lines, Ltd., Montreal, Que. Great Lakes Transportation Co., Ltd., Midland, Ont. James D. Shmill, et al., Vancouver, B.C. James D. Shmill, et al., Vancouver, B.C. Great Lakes Transportation Co., Ltd., Midland, Ont.	Great Lakes Transportation Co., Ltd., Midhad, Ont Montred Transportation Co., Ltd., Montreal, Que., H.W. Saxton, Bayham, Ont., Great Lakes Transportation Co., Ltd., Midhad, Ont.
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Pormerly "D. C Whitney," 2Formarly "Warkworth" and foreign name "Theodore Conseil," 3Formarly a sailing vessel. 4Foreign name "Ginnt," 5Foreign name "Manachar," 4Foreign name "Minnethy "Wolshman," 7Foreign name "Minnethy "Minnethy "Wolshman," 7Foreign name "Minnethy "Wolshman," 7Foreign name "Minnethy "Wolshman," 7Foreign name "Minnethy "Wolshman," 7Foreign name "Minnethy "Minnet

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1917.

1 - 1 Do, don't owner propriet at a openits, M.O., Minaging owner propriétaire gérant, Par, Pachlie A anbes; Sc., Serew A hélire. LISTE MERINGUE des Ampeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917.

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# Aleharetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

the etrem J.O., Just owners propretures companies, M.O., Managing owner propriétaire gérant, Pat, Paddle A aubes, Sc., Seron A biblico. Liste armanitugue des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Same of Motor Venter late. Les noms des vaisseaux à motours sont en italiques

The C. S. Boone Dredging & Construction Co., Ltd., Toronto, 1 The Toper Ottawa Hopervennent Co., Ed., Ottawa, Jut.
a., George Gooderhum, M.O., Toronto, Ott.
Canada Steamish Lines, Ltd., Montreal, Que.
Deliance Facking Co., Ltd., Vanceuver, B.C.
Canada Steamish Lines, Ltd., Montreal, Que.
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a., W. E. Rigwood, Toronto, Ont. Sir John A. Boyd, Toronto, Ont.

Rich John A. Boyd, Toronto, Ont.

Richael Pappins, Vancouver, B.C.

The United and Allantic & Plant SS. Co., Leel. Hablay, N.S.

The Dartmouth Ferry Commission, Dartmouth, N.S. The Government of the Dominion of Canada, Ottawa Armateur ou propriétaire gérant, et ndresse The Ottawa Transportation Co., Ltd., Ottawa, Ont. Hernann Browning, Vancouver, B.C. The Island Tug Co., Ltd., Charlottetown, P.E.I. B.C. Mills Tug & Barge Co., Ltd., Vancouver, B.C. Owner or Manuging Owner, and Address. Dollar Steamship Lines, Limited, Vancouver, B.C. Canada Steamship Lines, Edd., Montreal, Que, Charles B. Stablischmidt, Vincouver, B.C. Collins Heisler, M.O., Tancouk, N.S. Herbert Hailstone, Carling, Ont. Surmel Anglin, Kingston, Ont.
M. Kurabashi and T. Nakata, Steveston, B.C.
W. W. West, Kootenay, B.C. Samuel Sunstrum, jr., Golden Lake, Ont Hon. Richard Turner, Quebec, Que. Yoshimatsu Aura, Steveston, B.C. sepli Pagé, Alphonse, Que. Ont. H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion. 2 ps. - 8c. - 33 sc. - 35 sc. -366 sc. Tonnage enregistré 23-15891 33-15891 34-5850 34-5 823 Registered Tonnage. Tomage brut. Prolondeur en pieds et 10% 23.5 Depth in feet and 10ths Largeur en pieda et 10ca 242T9xx9848amm 52.2 ad 101 ban tool ni dibnord Longueur en pieda et 1000. Length in feet and 10ths. Washington Territors, old Kilpatrick, G B Hoboken, Holland Sand Point, Ont Peterborough, Unt Col mgwood, Ont 1910 Dumbarton, G.B sneouver, B.C. Port Arthur, Ont. Nans River, B.C. ancouver, B.C. Shelburne, Z.Y. ancouver, B.C. Vancouver, B.C. Hampton, N.B. Lorraine, Wis., Steventon, BC Kingston, Ont. Montreal, Que. Steventon, B.C. anewsk, N. S. Simcoe, Ont For inter, Ont Govan, G.B Minett, Ont. 017 ( one 5 5061 2007 912 269 016 10 CII New Westminster. ew Westminster ct. John, N. B., Prince Rupert., Peterborough Vinherat, N.S. boowguille. brt Arthur. Vancouver LINE" OF Fill or Bald iv Harold B. Philips 12:1331 2 Harold Dollar Humiton Humiton H Hallangton. Hardy Harly Bay Harland Tandy B. y falf Wron Harbuger lum! faluna 126614 131154 107345 113073 133713 107166 171111 19115 :0.40

### SESSIONAL PAPER No. 22

SESSIONAL PAPE	R No. 22			
O. E. Fleming, Windsor, Ont. John Harrison & Sons, Co., Ltd., Owen Sound, Opt. The Harrison As Sons, Co., Ltd., Harrison Hot Springs, Geo. II. Deighton, Myrtle Point, B.C. Joseph M. Syer, Midhad, Opt. Jas. Leighton, Port Elgin, Ont. Whale Cave Trading Company, Ltd., Quebec, Que Whale Cave Trading Company, Ltd., Duchy, N. S. Harry Publicover, Blandford, N. S. Harry Publicove, Ellandford, N. S. Harry Publicove, Ellandford, N. S.	Harway Arnold, Wilkesport, Ont. Harway Arnold, Wilkesport, Ont. Irvan Ingalls, Grand Manan, N.B. Tho Minister of Railways and Canals, Ortawa, Ont. William Borry, Port Stanloy, Ont. William Borry, Port Stanloy, Ont. Arthur G. Pentz, Barchoneudows, N.S. Arthur G. Pentz, Barchoneudows, N.S. Skeena River Eisheries, Ltd., Vancouver, B.C. Skeena River Eisheries, Ltd., Vancouver, B.C. E. Harris, Port Dover, Out. E. Harris, Port Dover, Out. Formest, Sw. Wilbrand, Vancouver, R.C. Finest, Sw. Wilbrand, Vancouver, R.C. Fines, R. Wilbrand, R. A. Fines, R. A.		Lachino, Que. Dr. Horace I Public Works, Ottawa, Ont. Dr. Horace I Rhindress, North Sydaw, N.S. Nontreal Sand & Gravel Co., Ltd., Montreal, Que. The Stand Wandshin Lambur Co., Ltd., New Westmoster, B.C. The Stand Wandshin Lambur Co., Ltd., New Westmoster, B.C. Horav Louis Bastien, Hamilton, Ont. John W. Stowart, Marcheson, Ont. Pred C. McLoun, M.O., Port Saxon, N.S. Fred C. McLoun, M.O., Port Saxon, N.S.	Amelius Jarvis, Torondo, N. B. Amelius Jarvis, Torondo, Ont. Dolm William Short, Kenora, Ont. John William Short, Kenora, Ont. Maximin Félix Boudreau, Inkerman, N. B. Baue Gray and Toward J. Ciray, Sambro, N. S. Feare Gray and Toward J. Ciray, Sambro, N. S. Franckyn, J. Hulfinx, N. S. The Minister of Public Works, Ottawn, Ont.
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Pormerly "Mineta." 2Formerly "Strathardle." Promerly a sailing vessel, 4Poreign name "Roosevelt."

ALPHARETICAE LIST of Steam Vessels on Registry Books in Canada, December 31, 1917.

J.O., Jontow, proporties conjents, M.O., Matabing owner propriétaire gérant, Pa., Palelle d'aubes, Se., Serew - Millier Text armivalition is des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917.

en dabque s.	Owner or Manuging Owner, and Address. Vranateur on proprietaire gérant, et adresse.	Henry Louis Bigstren, Haunilen, Dut  Visander Verkay, Queber, Que Genefie, Tinpen Siding, B.C. Cannelina Stevart Co., 164, Toronlo, Ont Candina Stevart Co., 164, Toronlo, Ont Candina Stevart Co., 164, Toronlo, Ont Blantyre Transpartation & Coal Co., Lid., Vancouver, R.C. Gondewise Stemaship & Barge Co., Lid., Montreal, Que Join Transpartation of Coal Co., Lid., Montreal, Que Join Traeshorry und Wildiam II Tyadall, Lions Head, Ont Canadian Stand & Gravel Co., Lid., Montreal, Que Warander McCollian, Vancouver, B.C. Chas, Mackle, Gravel Co., Lid., Montreal, Que Warander McCollian, Vancouver, B.C. Chas, Mackle, Gravel To, Lid., Montreal, Que Warander McCollian, Vancouver, B.C. Chas, Mackle, Gravel Montreal, Ont. The Minester of Polibe Works, Untawa, Ont. The Minester of Polibe Works, Untawa, Ont. The Minester of Marino and Fisheries, Ottawa, Ont. The Minester of Lindsay, Ont. Subbary and Old Hunear, Prince Rupert, H C John Dysharv and Old Hunear, Prince Rupert, H C John Dysharv and August McCollege, N B. Konnedy, M O., Lindsay, Ont. Light Conden and A. Crowcher, Lo., Port Carling, Ont. T. E. Barton, Vencouver, B C. T. Conden and A. Crowcher, Lo., Port Carling, Ont. T. E. Barton, Vencouver, B C. Thomas Wilson, Montreal, Que Mrs. Maria McMillster, Pendorok Out. Thomas Wilson, Montreal, Que Mrs. Maria McMillster, Pendorok Out.
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### SESSIONAL PAPER No. 22

SESS	IONAL PA	PER No. 22		
	The partington & Cape Island Steam Ferry Co., Ltd., Bar- Corolledii Shumo, Ewans Camery, B.C.  Gerolachi Shumo, Ewans Camery, B.C.  Merrill E, and Borrdman H. Pentz, J.O., Beach Meadows, N.S.  The J. Poster Road Go., Ltd., Hallian, N. S.  The Oevenned of Prince Edward Island, Charlottetown, P. S.	N.S. S. S. Ltd., Ottawa, Ont. B.C. td., Halifax, N.S. Ottawa, Ont.	Oronto, Oat.	Ozem Hubley, M.O., Bayswater, N.S.  II. Bell-Irving Co., Ltd., Vancouver, B.C. Charles Geanship Lines, Ltd., Montreal, Que. Charles Geanship Lines, Ltd., Montreal, Que. The Peutsian Ir ga & Towing Co., Ltd., Winton, Ont. Charles Potvin, St. Ierome, Que. Charles Potvin, St. Ierome, Que. Charles Potvin, St. Ierome, Que. Sertrand W. Sinelar, Vancouver, B.C. Lyoa Cohen, Montreal, Que. Sertrand W. Sinelar, Vancouver, B.C. J. Thom, Quebec, Que. Chas, F. Toud, Victoria, B.C. Chas, F. Toud, Victoria, B.C. Lake Gibban, Hope, B.C. Chas, F. Toud, Victoria, B.C. Lake Gibban, Hope, B.C. Charles W. Haband Towing Co., Ltd., Victoria, B.C. Unimiater of Marine and Fisheries, Ottawa, Ont. Charles W. Masou, Eastern Points, Janenburg Co., N.S. Charles P. Lakiway Co., Montreal, Que. Pieter A. Gray, Premant, N.S. Hiram Marryut, Premant, N
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<sup>1</sup>Formerly a sailing vessel. <sup>2</sup>Formerly "Harvey." <sup>3</sup>Formerly "Charles Lemeke." <sup>4</sup>Foreign name "Hero," <sup>5</sup>Formerly "Van Woodland," <sup>6</sup>Formerly "John Duncan."

Alpharetreal List of Steam Vessels on Registry Books in Canada, December 31, 1917.

prapret area conjounts. M.O., Maragung owner -propraktaire gérant; P.a., Paddle -\lambda aubes; Sc., Serew. A hébre LISTE ALPHANITAGER des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. ones of More or bees to in Tober - Low many des varscour A moteurs sout on Habywes. J.O., Loud owners

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Alternabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

there if not training J.O., Joint owners proprietures conjourts, M.O., Manuging owner proprieture gerant; Pa., Padille Anathes, Serew A hollow. LISTE ALTIANTEMENT des vapours inscrits dans les registres maritimes du Canada an 31 décembre 1917. Names of Motor Vessels in italics. Les noms des vanssenux à moteurs sont en italiques.

		8 GEORGE V, A. 1918
The ministration of	Owner or Manuging Owner, and Address. Armateur ou proprictury gérant, et adresso.	G. Hanatton, Spanish River, Ont.  Thomast. Ford, Horshy Ishad, B.C. Swith Mass. E. Ford, Horshy Ishad, B.C. Swith Mass. E. Ford, Horshy Ishad, B.C. Lea Hill, Midhard, the.  An See, Coal Ishad, B.C. Harry Leefle, Proft Colhorne, Ont.  F. J. Kahr, S. John, N.B. F. J. Kelley, North Sydney, N.S.  F. J. Kelley, North Sydney, N.S.  F. J. Kelley, North Sydney, N.S.  Francis, M. Merchant, London, Ont.  The Canadian Pergife Lamber Co., Ltd., Port Moody, B.C.  Remark W. Merchant, London, Ont.  The Branch of Parker of Parker, M. New Westminster, B.C.  Chas. S. Fickford, Haldax, N.S.  Francis W. Merchant, London, Ont.  The Branch Savandle Co., Ltd., New Westminster, B.C.  Limited, Huntsville Lake of Buys & Jake Simeon Navigation Co.,  Limited, Huntsville, Jake of Buys & Lake Simeon Navigation Co.,  Limited, Huntsville, Jake, Of Buys & Lake Simeon Navigation Co.,  Limited, Huntsville, Lake Of Buys & Lake Simeon Navigation Co.,  E. Farmer and L. B. Tierpa, Amprire, Ont.  T. H. Avery, Now Westminster, B.C. and S.J. Hibmes, Van-  Courver, B.C., J.O.  E. Farmer and L. B. Tierpa, Amprire, Ont.  The Columban Rayer James Jake, and S. J. Hibmes, Van-  E. Farmer and L. B. Tierpa, Amprire, Ont.  The Columban Canning Co., Ltd., Victoria, B.C.  Klayorque, Sound Canning Co., Ltd., Victoria, B.C.  Mrs. Mary Raines, Forento, Jut.  The John Charles Forento, Jut.  The Jakada, Fernelly Co., Ltd., Charlottelowa, P.E.L.
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SESSIONAL PAPER	No. 22	
	Joseph A. Fisher, Vancouver, B.C. John E. Cabill, Columet Jahad, Que. John E. Cabill, Columet Jahad, Que. Jercinge Cassady, Sleveston, B.C. Jercing Inhad Canaing Company, Ltd., Vancouver, B.C. Jercine, Ltd., Nelson, N.B. The Packers Steamship Co., Ltd., Vancouver, B.C. Robin Jones & Whitman, Ltd., Halian, N.S. The Minister of Railways and Canais, Ottawa, Ont. Gypsum Packet Co., Ltd., Windsor, N.S. J.L. B. Leclaire, Soral, Que. J.L. B. Leclaire, Soral, Que. J.L. B. Leclaire, Soral, Que. John C. Holby, Toronto, Our. John C. Holby, Toronto, Our. John C. Holby, Toronto, Our. John C. Martin M.O., Westen, Hurbour, N.S. Wm. B. Soowbell, Charlam, N.B. John C. Boyer and Milder Lask, J. O., Toronto, Out. John C. Boyer, et al., Fort Colborne, Out. John R. Booth, Ottawa, Out. John N. Booth, Ottawa, Out. John A. Murdosh, Vancouver, B.C. The Minister of Public Works, Ottawa, Out. John A. Murdosh, Vancouver, B.C. The Minister of Public Works, Ottawa, Out. Argona Stele Corp., Ltd., Johnten, Que. George H. Fincout, Port Archur, Out. Algona Stele Corp., Ltd., Montreal, Que. The Minister of Public Works, Ottawa, Ont. Algona Stele Corp., Ltd., Sault Ste. Marie, Out. The Minister of Public Works, Ottawa, Ont. Algona Stele Corp. Ltd., Sault Ste. Marie, Out. The Minister of Public Works, Ottawa, Ont. Gueber Harbour Commissioners, Quebec, Que. War Olice, London, Enc. The Northern Fish Co., Ltd., Montreal, Que. Canada Steamship Lines, Ltd., Sault Ste. Marie, Que. The Minister of Public Works, Ottawa, Out. Algona Studer of Marine and Fisheries, Ottawa, On. The Minister of Public Works, Ottawa, Out. Gueber Harbour Commissioners, Quebec, Que. The Minister of Public Works, Ottawa, Out.	
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# ALPHARETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1917.

We and as the contains J.O., Joint owners proprietaires conjoints; M.O., Managing owner proprietaire grant; Pa., Paddle -A aubes; Sc., Serew -A. Höliee. LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Names of Motor Vessels in italics--Les nous des vaisseaux à moteurs sont en italiques.

it on Pathques.	Owner or Managing Owner, and Address. Armateur ou propriétaire gérant, et adresse.	The Owens Lumber Co., Ltd., Montreal, Que. J. F. Hardman, Ottawa, Ont. John R. Binnine, Montreal, Que. The Superior State & Towing, O. Ltd., Fort William, Ont John W. Brankley, Chutham, N.B Allred Harris, North Vancouver, H.C. The Port Arthur Construction Co., Ltd., Port Arthur, Ont. Agenu Central & Hudson Buy Railway Co., Sault Ste. Marie.		Gree, H. Funcaut, Fort Arthur, Ont. The Plankett, Nav. Co., Ltd., Cobourg, Ont. The Canadam Towing and Wrecking Co., Ltd., Port Arthur Duncan J. Riley, Belle River, P.E.I. Connala West Coins Invergination Co., Ltd., Vancouver, B.C. Scott & Hudson Building Co., Itd., Kenora, Ont.
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Alphanerical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

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it on dalupus.	Owner or Manuging Owner, and Address Armateur ou propriétaire gérnit, et adresse.	Bernard Dolan, Granville Ferry, M.S.  Barnard Dolan, Granville Ferry, M.S.  Dominion Fish Co., Ltd., Winninger, Man.  High Canna & Son, Ltd., Virtuanth, N.S.  R. S. Griffiths and J. S. Durage, J.O., Victoria, B.C.  John Lagie, Southampton, Ont.  Albert J. Lowe, Milliamey, Ont.  The Mississen Troving Co., Ltd., Montreal, Quo.,  John R. Moore, Port Stanley, Ont.  The Mississen Troving Co., Ltd., Blind River, Ont.  The Mississen Troving Co., Ltd., Blind River, Ont.  The Mississen Troving Co., Ltd., Montreal, Quo.  Port An Charlet, Steley's May, Ont.  The Georgian Bay Lamber Co., Ltd., Waubaushene, Ont.  R. A. Klorek, Kloek's Mills, Ont.  Harbour Commissioners of Montreal, Montreal, Que.  John S. Thom, Quebec, Que.  Chandland, Batt. Vincouver, B.C.  Frederick A. Tully, Nucceaver, B.C.  Grandlan Tar Board Co., Ltd., Vancouver, B.C.  Chandlan Tar Board Co., Ltd., Vancouver, B.C.  Albert French, Nacouver, B.C.  Albert French, Nacouver, B.C.  Albert French, Nacouver, B.C.  Montreal Taransportation Company, Ltd., Montreal, Que.  Geo. Galo, et al., Albert, N.B.  La Cie do Navigation Ville-Marie, Quebec, Que.  Geo. Galo, et al., Albert, N.B.  John P. Lann, et al., Albert, N.B.  John P. Lann, et al., Albert, N.B.
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SESSIONAL PAPER No. 22	
Mexander B. Gordon, Teronto, Ont.  Patrick Villeneuve, Kenora, Ont.  The Port Colborno Tag Co., Ltd., Port Colborne, Ont.  Canadian Marijune Co., Ltd., Monired, Que.  William Reche, Roche's Wharf, Halifax, N.S.  William Reche, Roche's Wharf, Halifax, N.S.  Canadian Perfeiting Co., Ltd., Winnipeg, Man.  Canadian Perfeit Righway Co., Ontreal, Que.  Mrs. Altee Johnson, Stanwoods Beach, N.S.  Canadian Perfeit Righway Co., Ontreal, Que.  Judson E. Clark, Vancouver, B.C.  John B. Stacey, Canghnawaga, Que.  Judson E. Clark, Vancouver, B.C.  C. Sweeny, Vancouver, B.C.  John B. Stacey, Canghnawaga, Que.  Albert Barnes, Prince Raper, B.C.  C. Sweeny, Vancouver, B.C.  John M. Worder, Co., Ltd., Montreal, Que.  Albert Robertson, J.d., Montreal, Que.  Alliamson, Co., Ltd., Toronto, Ont.  Ars. George E. Williamson, Vancouver, B.C.  John R. McRao, Ottawa, Ont.  John P. Melliam, Ostava, Ont.  John R. McRao, Ottawa, Ont.  John R. Milliam Barceyine, Fencled Co., Ltd., Ternagami, Ont.  Keenan River Fisheries, Ltd., Vancouver, B.C.  John R. Milliam Barceyine, Led., Ottawa, Ont.  John R. Milliam, Winnipog, Man.  Northerr Construction Co., Ltd., Owen Sound, Ont.  Tennagami Scounboat, & Hotel Co., Ltd., Ternagami, Cilmour & Hughson, Ltd., Ottawa, Ont.  John P. Wallar, Winnipog, Man.  Northerr Construction Co., Ltd., Owen Sound, Ont.  John P. Wallar, Winnipog, Man.  Northerr Construction Co., Ltd., Owen Sound, Ont.  John P. Wallar, Winnipog, Man.  Northerr Construction Co., Ltd., Owen Sound, Ont.  John P. Wallar, Winnipog, Man.  Northerr Construction Co., Ltd., Owen Sound, Ont.  John P. Wallar, Winnipog, Man.  Northerr Construction Co., Ltd., Owen Sound, Ont.  John P. Wallar, William, W.S.  Johnshoft M. Wallar, W. Wallar, W. S.  Johnshoft M. Wallar, W. Wallar, W.	st, Ont. Grain Boat No 1, Formerly
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## ALPHARETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1917.

I re it at the offens J.O., Joint owners propriétuires conjoints, M.O., Mannging owner propriétaire gérant; Pa., Paddle -à aubes; Sc., Serew -à hôliee. LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Names of Notor Vessels in takes—Les noms des vaisseaux à moteurs sont en ibiliques.

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	Ernest E. Welasky, Winnipeg, Man. Goo. D. Leftledie, Lamek, N. B. The Reyslone Transportation Company of Canada, Ltd., Montreal, Co. William I. Thylor. Statum, 1s., B.C. Harold D. Fayne, Statum, 1s., B.C. William I. Taylor, Vancouver, B.C. R.J. Brodie, Smith's Fulls, Ont. Vancouver, B.C. Kildah Becking Company, Ltd., Vancouver, B.C. William Lafardle, Hamilton, Ont. William E. Dusenbury, Amerouver, B.C. Hiram E. Dusenbury, Amerouver, B.C. Hiram E. Dusenbury, Anneouver, B.C. The Manicular Rabbury Anneouver, B.C. The Manicular Rabbury Anneouver, B.C. The Manicular Rabbury Anneouver, B.C. Chas, Tayle, Three Rivers, Que. The North May Steamenhip Co., Ltd., Vancouver, B.C. Chas, Tayle, Three Rivers, Que. The Canada Steamber Co., Ltd., Vancouver, B.C. Tommy Nakatuka, Chinader, Ont. The Canada Steamship Lines, Ltd., Montread, Que. The Canada Steamship, Lines, Refering & Power Com- Chale Commy Canada, Wileying, Smelting & Power Com- Chale Commy Canada, Wileying, Smelting & Power Com- Chale Canada, Canada, Wileying, Smelting & Power Com- Chale Canada,	
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7543(7247)		Hent E. Forner, Vancouver, B.C.  Datton J. Hill, Galiano Ja., B.C.  Kincolith Fisheries, Ltd., Vancouver, B.C. Peter Nowberg, Nanalmo, B.C.  The Royal Canadian Yacht Club, Toronto, Ont.  Packer S Fearmainip Co., Ltd., Vancouver, B.C.  Gosse-Millard Packing Company, Ltd., Vancouver, B.C.  F. G. T. Lacas, Vancouver, B.C.		Robt. J. MacDonald, Winnipeg, Malted Clarad St. Fulgence, Que. Hugh Cann & Son, Ltd., zarnou The Minister of Marine and Fisher Minister of Marine and Fisher Minister of Railways and Coddrey W. Walker, Yancouver, John Steffich, Port Guichon, B. Gloseph und Pieres Hupe, Hull, Que Alried M. Chre, Nacouver, B. C. The Postmaster General, Ottawa (Godfrey Charles Lomer, Montrea (Godfrey Charles Lomer, Montrea Thos. Stauron, Sparrow, Lake, Olake Gibson, Hope, B. C.	6Formerly "Foxhound." 'Formerly Isaac N. Veasey."
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\*Formerly a sailing vessel and "Mahone Bay Pucket," and "Zaza." Proreign name "Duchess." PFormerly "Decrined."

## ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1917.

I re as as the transfer of the J.O., Joint owners - proprietaires conjugates, M.O., Managing owner propriétaire gérant. Par, Parlelle à aubes; Sc., Screw à hélion. Liste alpunatique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Nature of Motor Vessels in italics Les noms des vaisseaux à moteurs sont en italiques.

	8 GEORGE V. A 1918
Owner or Managing Owner, and Address. Armateur ou propriétuire géraat, et adresse	The Minister of Marino and Fisheries, Ottawa, Ont. Charles E. Strong, Vancouver, B.C. The Minister of Marine and Fisheries, Ottawa, Ont. Peace River Development Corporation, Lid., Nancouver, B.C. The tipser Ottawa Improvement Co., Lid., Ottawa, Ont. Charles C. Phase, Uniblia, Ont. First, J. Gibben, Toronto, Ont. F. A. McKinnon, Montead, Que. W. B. Kelly, Bridgeardth, Ont. Donald McValux, Southampton, Ont. Frank E. Kilsen, Toronto, Ont. F. A. McKinnon, Mordenald Co., Lid., Toronto, Ont. South Oscala, Nancouver, B.C., Lid., Toronto, Ont. Pet Randolph Macdonald Co., Lid., Yancouver, B.C. Fount Amer Quarries, Lid., Toronto, Jud. Frank Starton and A. F. Stanton, Sparrow Lake, Muskoka, Ont., Jo. Ont., Jo. The Minister of Marine and Fisheries, Ottawa, Ont. The Minister of Marine and Fisheries, Ottawa, Ont. The Minister of Marine and Fisheries, Ottawa, Ont First Random, Caladom, Ont., Sannad, Ottawa, Ont The Minister of Marine and Fisheries, Ottawa, Ont First Random, Caladom, Ottawa, Ont, Ottawa, Ont, Ottawa, Ott
It.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion.	\$2.50 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Tonnage enregiatté.	- 58 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Tonnage brut.	45 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Gross Tonnage.	25
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Largeur on pieds of 1000.     Depth in feet and 10ths.	
Breadth in feet and 10ths.	SSEATTT-SS SSETTSES SS 7 STITSES SO STITSES
Longueur en pieda et 10es.	
Length in feet and 10ths.	- 1965年1967年1968年1968年1968年1968年1968年1968年1968年1968
Where Built Lieu de construction.	Barrow, G.B.  Indiand, Mash., U.S.A.  Joneley, G.B.  Joneley, G.B.  Fernseauningus, Que, U.S.A.  Fernseauningus, Que, U.S.A.  Fort Glasgow, G.B.  Kingson, Unt.  Marce, Que Bridgemeth, Unt.  Selkirk, Man  Malforburk, Ont  Kingston, Unt.  Solkirk, Man  Malforburk, Ont  Malforburk, Ont  Kingston, Unt.  Solkirk, Man  Malforburk, Ont  Kingston, Unt.  Solvesten, B.C.  Sp. trowe Lake, Unt  Sorrel, Que  Harmondsport, N.Y.  Cornwall, Unt.  Kingston, Unt.  Sorrel, Que  Wend Bay, City, Mich L.S.  Warden, M.S.  Warden, N.S.  W
Smit Cons Fruit en	282428
Port of Registry.  Port d'enregistre— trimont.	Vancauver Vancauver Vancauver Orthawa Orthawa Orthawa Vancouver Va
Name of Ship Nom du navire	2014 Lady Grey  2.2. Lady Line  2.3. Lady Usine  2.4. Lady Win  2.6. Lady Sunth  2.6. Lady Sunth  2.6. Lady of the Lake  3.6. Lady of the
No. 1 - No. 1	1000 1000 1000 1000 1000 1000 1000 100

SESSIONAL PAPER No. 22	
	4 § se., 'A. N. Comena and John 11, Balcom, J.O., Felt de Crat, N.S. *Formerly "Stranger." *Prornerly a *Formerly a
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82 8 48.08232025888 4 07.458 2-2525121125281484845555 - 682518 2 18.08144 8 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	llia."
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Toronto, Ont. Cape George, N.S. St. Mary's, N.B. Yarmouth, N.S. Fort Frances, Ont. Collingwood, Ont. Collingwood, Ont. Collingwood, Ont. Indeany Ont	Petit de Grat, N.S S." ³Formerly "Rest
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12225 11702 11702 11702 11703 11713 11713 11713 11713 11713 1136 1136	137991 <sup>†</sup>

Formerly "Restigouche" and "Rathlin." <sup>1</sup>Foreign aanae "Nymph." <sup>2</sup>Formerly "Gertrade S." salling vessel. <sup>7</sup>Formerly " King Edward.

APPRABILICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1917.

JO., Joint owners propriet aires conjoints; M.O., Magaging owner-propriètaire gérant; Pa., Padelle à aubres; Sc., Serew A belieu LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Numer of Motor Vex 19 in Waltes-Les noms des vaisseaux à moteurs sont en Malques.

	8 GEORGE V, A. 1918
Owner or Managing Owner, and Address. Armateur on proprictaire gerant, et adresso.	Dohn Marchison, Grand River, N.S.  The Seven Islands Company, Montreal, Que. W. F. B. Smith, Illampstend, Middlewer, Eng. James W. Harrison, Halliax, N.S. John A. Coben, Geneville, Que. Controlled, Conversion, B.C. Louis Trae, Steveston, B.C. L. Cwi, High Fulls, Que. Crarlented Rablaton, New Westmuster, B.C. L. Cwi, High Fulls, Que. Frederick Huck, Rockport, Dut. Frederick Huck, Rockport, Dut. Frederick Huck, Rockport, Dut. Frederick Huck, Rockport, Dut. Cranade Musclow, North Vancouver, B.C. L. Shaw and M. K. Morrison, Vancouver, B.C. C. Eshaw and M. K. Morrison, Vancouver, B.C. Alfred G. Deithon, Nun Andu, B.C. Levingtans H. Aldridge, South Pender Island, B.C. Levis Ferry, L.d., Levis, Que. Alfred G. Deithon, Nun Andu, B.C. Levis Ferry, L.d., Levis, Que. M. J. Finn, Montreal, Que., and S. Thompson, Toronto, Ont. J.O. Wellington Astronoid, Lakefold, Ont. S. G. Landsey, Cutawa, Ont. David Graves, Classer, N.S. Jannel Gurney, Frince Rupert, B.C. A. Ferguenn, Devott, One. A. Ferguenn, Escott, One. A. Ferguenn, Escott, One. A. Ferguenn, Escott, One. Linon Bank of Canada, Winnipeg, Man.
H.P. of Engines and Mode of Propulsion Puissance des machines en c. v. et mode de propulsion.	20 P2
Registered Tonnage Tonnage enregistre.	######################################
Tonnage brut.	8 × 51 × 52 × 52 × 52 × 52 × 53 × 53 × 53 × 53
Depth in feet and 10ths. Prolondeur en pieds et 10 Cross I onnage.	PARTICUL E E E E E E E E E E E E E E E E E E E
Largeur en pieds et 100.	
Longueur en pieda et 10es. Breadth in feet and 10ths.	
Length in feet and 10ths.	23.25.25.25.25.25.25.25.25.25.25.25.25.25.
Where Built. I rea de construction	Dartmouth, N.S. Seven I dands, Que. Aarmouth, N.S. Mahone, Par. Mahone, Par. M. M. M. W. andortes, Mue. W. andortes, Mue. W. westminster, B.C. Wew Westminster, B.C. Warnouver, B.C. Varnouver, B.C. Varnouver, B.C. Varnouver, B.C. Mantrell, Que. Mantrell, Mash., L. N. Martmouth, N. S. Narmouth, Out.
Rathe Contract	23.7.4.2.4.4.2.2.2.3.4.4.4.2.2.3.4.4.4.2.2.3.4.4.4.4
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SESSIONAL.	PAPER	No.	22
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SESSIONAL PAPER No. 22	
8 8c P. Sage, Mackey's Station, Ont. 8 9c The Minister of the Naval Service, Ottawa, Ont. 9 2 8c The Victoria Harbour Laurher Co., Ltd., Toronto, Ont. 9 2 8c The Victoria Harbour Laurher Co., Ltd., Toronto, Ont. 9 2 8c Wan, Russell Aynews, New Westminster, B.C. 1 8c Wan, Russell Aynews, New Westminster, B.C. 1 8c Wan, Hickeys and Robert Kelly, Nurcenver, B.C. 1 8c In Eleckeport Cold Storage Co., Ltd., Lockeport, N.S. 8 8c The Lockeport Cold Storage Co., Ltd., Lockeport, N.S. 9 8c The Canada Fish Products Ltd., 39 Old Broad St., London, D.C. 1 8c Daniel T. Wilson, Arichat, N.S. 9 8c The Canada Fish Products Ltd., 39 Old Broad St., London, D.C. 1 8c The Canada Fish Products Ltd., 39 Old Broad St., London, D.C. 1 8c The Canada Fish Products Ltd., 39 Old Broad St., London, D.C. 1 8c The Canada Fish Products Ltd., 39 Old Broad St., London, D.C. 1 8c The Canada Fish Products Ltd., 39 Old Broad St., London, D.C. 1 8c The Canada Fish Products Ltd., Minipas, N.S. 8 8c Charles F. Gray Lakefeld Ott. 8 8c Charles F. Gray Lakefeld Ott. 8 8c Charles F. Gray Lakefeld Ott. 8 8c The Minister of Public Works, Ottawa, Out. 9 8c The Minister of Public Works, Ottawa, Out. 9 8c Indepert F. Grant, Three Myers, Que. 1 8c The Minister of Public Works, Ottawa, Out. 9 8c Louis Hefler, Hallan, N.S. 1 8c State Portage Lumbert Co., Ltd., Winnipeg, Man. 1 8c Louis Gargen, Parry Stound, Out. 1 8c Louis Gargen Drayer Stound, Out. 1 8c Louis Brayer Stound, Out. 1 8c Louis Brayer Stound, Stound, Out. 1 8c Louis Brayer Stound, Co., Ltd., New Westminster, B.C. 1 8c Louis Brayer Stound, Out. 2 8c Harbour Shipping Co., Ltd., New Westminster, B.C. 1 8c. Louis Brayer Stound, Co., Ltd., Nontreal, Que. 1 8c Louis Brayer Stound, Co., Ltd., Nontreal, Que. 1 8c Louis Brayer Stound, Co., Ltd., Nontreal, Que. 2 8c Ruph Russ	
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And the state of t	Smith " *Foreign name "Leo.
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1985   Lillo of the Valley   Ottawa	Pormerly a sailing vessel
103219 103396 106574 107255 111545 111545 111545 111545 112187 122306 122302 123302 12	1For

Alphanerical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

I mate the rota J.O. Jotet owners proprietaires conjoints, M.O. Managing owner proprietaire genant; Par, Paddle Anabes, Sc., Screw-Albilice, Liste alphabérique des vapours inscrits dans les registres maritimes du Canada au 31 décembre 1917. Names of Motor Vesselvan dalice. Les noms des vaisseaux à moteurs sont en dalique

		8 GEORGE V, A. 1918
	Owner or Manuging Owner, and Address. Armateur on propriétaire gérant, et adresse.	Theomas Bell, St. John N. B. John Lavelt, Dawson, M. T. The Alpinass Gregory, St. John, N. B. Melvelle Strickland, Lakefield, Ont. M. H. Salpinass Gregory, St. John, N. B. Melvelle Strickland, Lakefield, Ont. M. H. Edwards, Bracondalo, Dat. M. H. Edwards, Bracondalo, Dat. M. H. Edwards, Racondalo, Dat. The Crand Trank Plentie Halkway Co., Montreal, Quo. J. R. Beeth and Thins, Hall, E., Ottawa, Ont. M. A. O. Morson, Chalbutterway P. B. I. The Mansdre of Marine and Fisheries, Ottawa, Ont. W. A. O. Morson, Chalbutterway P. B. I. Chandlen Red Fishery Co., Mortreal, Quo. Clarkes M. Masson, Quo. Marsh Halton-Powers Co., Ltd., New Nestmiaster, B. C. Relards M. Jusson, And Crapher, B. C. Marsh Halton-Powers Co., Ltd., New Nestmiaster, B. C. St. Mary's Bay Steamship Company, Ltd., Little River, N. S. Win, Berry, Port Stanley, Out. Edwar Fizzerald Keefe, Halfax, N. S. Edwards Steamship Lines, Ltd., Montreal, Que. Comada Steamship Lines, Ltd., Montreal, Que. Connala Steamship Lines, Ltd., Montreal, Que. Connala Steamship Lines, Ltd., Montreal, Que. Steamship Tousburg, Co., Ltd., Sydney, N. S. Hophane Gagron, Ste., Anne de Chiccutimi, Que. Steamship Tousburg, Ott. Steamship Tousburg, Ott. Malter Kwangk, Mingston, Ott. Malter Kavangk, Mingston, Ott. Malter Kavangk, Montreal, Que. L. E. Turgeon, Ottawa, Ott. L. E. Turgeon, Ottawa, Ott. L. E. Turgeon, Ottawa, Ott. L. Domes Beaudolanup Tyo, Victoria, B.C.
THE COLUMN	H.P. of Propulsion.  of Propulsion.  Puissance des machines en.  c. v. et mode de propulsion	8-86-6-12827-6-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-
	Tonnage entegistré.	5055 x 4 x 151 152 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
2 2 2 2 2 2	Chocs Tonnage. Tonnage brus. Registered Tonnage.	######################################
	Depth in feet and 10ths. Pralondeur en pieds et 10ee	**************************************
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	Length in feet and 10ths Longueur en pieds et 10se	\$252255557497525575955 5 5555255555 \$555525555555555555555555555
	Where Built.	Parr-bono, N.S. Sagaway, Miska, I.S.V. Incomo, Oht. N.S. Inkelield, Oht. Taskelt, N.S. Inkelield, Oht. Millian Oht. Millian Oht. Milliand, Mish., U.S.V. Stefel, Que. Cicorgetown, P.E. R. Sorel, Que. Cicorgetown, P.E. R. Sorel, Que. Cicorgetown, P.E. R. Valneros, W.S. Sanderstall, Oht. Valneros, N.S. Standerstalle, Meth., I.S.A. Mildian, N.S. Standerstalle, N.S. St
	Built Constraint	# 1
	Port of Registry Port d'enregistre- ment	st 14h. N B.  New We than bet of the second
	Name M Ship Nom du pavire.	lar I Welsel  for the  forette  forette  formal Derge  formal Derge  formal Hale  formal Hale  formal Hale  formal Hale  formal
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### SESSIONAL PAPER No. 22

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16 28 sc Charles O. Clark, Westmount, Que. 17 20 pa. Mrs. Thos. W. Flett, Nelson, N.B. 2 3 sc Thos. Millor, St. John. N.B. 2 3 sc William C. S. Inyson, N.B. 2 5 sc William S Litch, N.B. 2 5 sc William S Litch, Toronto, Ont. 3 sc Bengamin Marchant, Lonisdah, N.S. 2 11 sc Bengamin Marchant, Lonisdah, N.S. 2 12 sc A. Marchidon and C Lid., Penetunguishen, Ont. 2 3 sc A. Marchidon and L. E. Dulresne, Three Rivers, Que. 2 3 sc A. Marchidon and L. E. Dulresne, Three Rivers, Que. 2 4 sc The Midland Transportation Co., Lid., Midland, Out. 2 5 sc A. Marchidon and D. E. Dulresne, Three Rivers, Que. 2 6 sc Fred W. Mosher, Hallifax, N.S. 3 8 sc The City of St. John. N. S. 3 8 sc The City of St. John. N. S. 3 8 sc The Threet Barry, Port Stanley, Out. 3 8 sc Stanler Breest Barry, Port Stanley, Out. 4 sc Albert Breest Barry, Port Stanley, Out. 5 sc Sammel Forrest, Fort William, Ont. 5 sc Sammel Forrest, Fort William, Ont. 6 sc Alphores Decay, Montreal, Que. 7 sc Literational Petroleum Co., Lid., Toronto, Ont. 8 sc Alphores Decay, Montreal, Que. 9 sc Stanley, Sc John. N. S. 9 sc Sammel Correct, Relian, N. S. 9 sc Remarking Planning, Vancouver, B.C. 9 sc Marchy Houming, Vancouver, B.C. 9 sc Same Dreag, Montreal, Que. 9 sc S. Boone Dreaging & Construction Co., Lid., Toronto, Ont. 9 sc Se Sone Dreag, Montreal, Que. 9 sc Sc Se S	16 86. 6 86. 6 86. 6 86. 6 87 86. 7 3 86. 8 86. 8 86. 9 86. 1 86. 1 86. 6 98. 6 98. 6 98. 7 1 86. 8	
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## MPHARGHOAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1917

a J O., Jenteran proportions on and M.O., Managing owner propriétaire gérant. Par, Padule à aubos; Sc., Seren à hébre. USTE AUPITABURGUE des Vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917, No at Mour Ve obsertables Les nons des varseaux à motents sont en dalupas

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SESSIONAL PAPER No. 22	
William E. Bigwood, Toronto, Ont. William G. Leslie, Grindstone, Magdale Islands, Que, William G. Leslie, Grindstone, Magdalone, Ont. The Minister of Public Works Ottawa, Ont. Journal Schall, Gravonhurst, Ont. David Schall, Gravonhurst, Ont. David Schall, Gravonhurst, Ont. David Schall, Gravonhurst, Ont. David Schall, Midhad, Ont. H. S. Parct, Midhad, Ont. H. S. Parct, Midhad, Ont. H. S. Parct, Midhad, Ont. Halleybury, Navigation Co., Ltd., Molland, Ont. Provincial Steanship Lines, Ltd., Montreal, Que. Canndian Dredging Co., Ltd., Halleybury, Ont. Provincial Steanship Lone, Ltd., Halleybury, Ont. Provincial Steanship Co., Ltd., Halleybury, Ont. Provincial Steanship Co., Ltd., Halleybury, Ont. Honens C. Supson, Montreal, Que. John F. Waller and Levi Bellefcuille, Winnipeg, Man. Grant Lakes Transportation Co., Ltd., Indiantown, N.B. John F. Waller and Levi Bellefcuille, Winnipeg, Man. Grant Lakes Transportation Co., Ltd., Midhaud, Ont. Alfred E. Mathwest, Toronto, Ont. Affred E. Mathwest, Toronto, Ont. A. Saider, Vancouver, B.C. Geo. A. Smith, Bubeaygeon, Ont. Moses Boudrot, Eastern Harbour, N.S. Joseph Perrutt, Montreal, Que. Canadian Pecific Railway Co., Montreal, Que. Canadian Pecific Railway Co., Montreal, Que. John Boon, Rossport, Ont. Jinam Robinson, Ottawa, Ottawa, Ont. Jinam Robinson, Ottawa, Ottawa, Ont. Jinam Robinson, Ottawa, Ottawa, Ottawa, Otta, Jancho Marchia, Edhrer, B.C. The Ilalifax & Sheet Harbour Steamship Co., Ltd., Ilalifax, N. Malcolin R. Wells, Edhrer, B.C. The Halliaka & Sheet Harbour Steamship Co., Ltd., Ltd., Minchelle, M. Wille, Edhrer, B.C. The Marchwelle, Company, Ottawa,	Canada Shipping Co., Ltd., Montreal, Que. Michael G. Mocher, M.O., Pictou, N.S. Holm F. Monek, Hamilton, Ont. Canada West Coast Navigation Co., Ltd., Vanconver, B C.  "Toreign name "E, M. Peck," Frormerly "Sounkig"
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Alphaberical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

LISTE ALTERATER des vapeurs inscrits dans les registres maritimes du l'anada au 31 décembre 1917.

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SESSIONAL PAPER No. 22		
Thomas Foster, Vancouver, B.C. Bassett Steamship Co., Ltd., Thronto, Ont. David B. Turbull, Halifax, N.S. William Wight, Blue Rocks, N.S. C. S. P. Hobbins and R. S. Mekay, J.O., Yarmouth, N.S. William Martton and Win. L. Hortin, Goderich, Ont., J.O. S. S. Marmion, Ltd., Victoria, B.C. W. A. Bryenton, Dorby, N.B. Mira, Marcha Wessels, Marshader B. Holly, St. John, N.B. Mira, Martha Wessels, Kingston, Ont. Clya Osler and Miller Lash, Torrato, Out., J.O. Mes. Agraes Asser, Victoriu, B.C. Pacific Dardging Co., Ltd., Vianoupuer, B.C. Pacific Dardging Co., Ltd., Vianoupuer, B.C. Pacific Dardging Co., Ltd., Winnipog, Man. Martoba Gypsum Co., Ltd., Winnipog, Man. Montread Transportation Co., Ltd., Winnipog, Man.	Thomas Gauthier, Montreal, Que.  D. Lowrey, Brantlord, Out. Beid Wereking Co., Ldd., Samin, Ont. Reid Wrecking Co., Ldd., Samin, Ont. Reid Wrecking Co., Ldd., Samin, Ont. A. Daisley, Dingwill, N.S. A. Daisley, Dingwill, N.S. Treaton & Bay of Quinde Nav. Co., Ltd., Treaton, Ont. Treaton & Bay of Quinde Nav. Co., Ltd., Yameauver, B.C. The British Yufeon Navigation Co., Ltd., Yameauver, B.C. Fred. A. Rabotzson and Paul I. Maloney, Cornwall, Ont. Simoen Guyerle and Analem Satunson, River Bourgeoise, N.S. Theophile Light, Penetranguisheae, Ont. Jehudia Coon, Morton, Out. Jehudia Coon, Morton, Out. Jehudia Coon, Morton, Out. Corgos Jahnson, West Dover, N.S. The Montreal Transportation Co., Ltd., Montreal, Que. W. S. Loggie Co., Ltd., Clanthum, N.B. William M. Sullivan, Red Bark, N.B. William M. Sullivan, Red Bark, N.B.	Hugh M. Wood, North Arm, Burrard Inlet, B.C., Grouge Devey, Konora, Ont. James Pilgrim, Medird, Ont. James Pilgrim, Medird, Ont. G. W. Naas, Janeaburg, N. S. William C. Gidley, Hamilton, Ont. Alphons Laffannon, Masson, Que. In Minister of Public Works, Otta. Jen Thibeaut, Saudy Bay, Que. Growtin Lamber Co., Ltd., Neowatin, Ont. Thea. I. Foster, Sault Sto. Marie, Ont. Then J. Foster, Sault Sto. Marie, Ont. Sincemas McNaughton Line, Ltd., Montreal, Que. Sincemas McNaughton Line, Ltd., Montreal, Que. Sincemas McNaughton Line, Ltd., Montreal, Que. Jengeph A. Fradley, Sambro, N. S. Win, Nackenzio, A. di., Vaccouver, B.C. The Montreal River Trensportation Co., Ltd., Toronto, Ont. Clarence Merelith Hincks, Toronto, Ont. D. Ryondel, Durdins, Ont. B. Ryonnell, Willie Smith, "Rillie Smith,"
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<sup>1</sup>Formerly "Byran Whitaker." <sup>2</sup>Formerly a sailing yessel. 
<sup>8</sup>Formerly "No. 508." <sup>9</sup>Foreign name "Antelope,"

ALPHARETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1917.

1 c. 11. . 1 c. 11a. . Jo., Joint owners propriétaires conjourés, M.O., Managing owner - propriétaire génuit; Pa., Pueblie Anubes, Sc., Seren A hélieu LISTE ALPHANÉRIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. A miss of M dor Vessels in dalies. Les noms des vaissenux à moteurs sont en ilaliques.

Owner or Munnging Owner, and Address.  Armateur ou propriétuire gérant, et adresse,	G. W. Smith, Clatinean Point, Que.		Thos. Craigie, Roseport, Ont. Walter G. Lambers, Toronto, Ont.		W. J. Sundgrass, Okunagan Fulls, B C.		Geo. A. Van Order, Port Barwell, Ont.   Patrick J. MeShurry, Toronto, Ont.		W. D. B. Scott, Montreal, Que	M. J., and W. J. Hackett, J O., Quebre, Que.	Judson F. Clark, Vancouver, B.C.	C. C. Battes, Clear Creek, Ont.	<u> </u>	Bay, One, J.O.  Elizabeth Donnell, Peterborough, Ont. Fred, Mages, Edd., Fort Elgin, N.B., ed., v. n.			E. C. Whitman, Canso, N.S. The Furrar Transportation Company, Ltd., Toronto, Ont. Affect C. Phompson, Yansouver, B.C.
H.P. of Engines and Mode of Propulsion. Puissance des machines en	1 80	41 pa	1 3C.	3 FC.	12 PC.	86.	5 sc.	24 sc	5 sc	7 sc.	I sc.	6 30,	1 %c	5 8c.	20 PM	51 8c.	6 8c. 225 sc. 1 sc.
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Where Built Lieu de constructión.	Grand Rapids, Mich.,	New Liverpool, Qued. Ling Lake, B.C.	Rossport, Ont.,	Walluceourg, Out	Peterborough, Ont	Vancouver, B.C.	Port Burwell, Ont	West Bay City, Mich.	Southampton, Ont. Middleton, Conn., U.S. V.	Buffalo, N.Y., U.S.A	Vancouver, B.C.	Port Barwell, Ont	Gannague, Ont	Peterborough, Ont Charlottetown, P. E. I	Carleton, N B.	Note Island, Ont. New York, U.S.A. Toronto, Ont.	Wallsendon-Tyne, G B
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SESSIONAL PAPER No. 22
The Muskoka Iakes Navigation & Hotel Co., Ltd., Toronto, Ont. F. Gordon Zwicker, Halifax, N.S. Robert P. Grant, Three Rivers Que. To Man Jondon, Vancover, B.C. Dollar Stemalin Lines, Ltd., Yancouver, B.C. Midland Towing & Wreking Co., Ltd., Montreal, Que. Dr. Henry A. Turner, Millbrook, Out. Merrimne Co., Ltd., Halifax, N.S. Dr. Henry A. Turner, Millbrook, Out. Dr. Henry A. Turner, Millbrook, Out. The Minister of the Naval Service, Ottawa, Out. Dr. Henry A. Turner, Millbrook, Out. The Minister of the Interior, Uttawa, Out. Dr. Henry A. Turner, Summerside, P.E.I. Arthur Harbe, Lammer N. B. Arthur P. Tippit, Montreal, Que. La Compagned de Navigation, Ville Marie, Que. La Compagned de Navigation, Ville Marie, Que. David Depagned de Navigation, Ville Marie, Que. La Compagned de Navigation, Ville Marie, Que. David Depagned de Navigation, Ville Marie, Que. La Compagned de Navigation, Ville Marie, Que. David Depagned de Navigation, Ville Marie, Que. The Minister of Contracting Co., Ltd., Montreal, Que. Co. Plamondon, Quebec, Que. Co. Ramale Stemaship Lines, Ltd., Montreal, Que. Co. Plamondon, Quebec, Que. Co. Ltd., Holifax, N.S. Seaton Powell and Leroy Siate, Upper Port La Tour, N.S. Envisiter of Tenonto, Out. Co. Milleoum MacDonnuld, Vancouver, B.C. The Minister of Tenonto, Out. Co. Plamondon, MacDonnuld, Vancouver, B.C. The Minister of Public Worker, Scotter, Out. Co. Plamondon, MacDonnuld, Vancouver, B.C. The Upper Ottawa Improvement, Co., Ltd., Ottewa, Ont. Co. Pla
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### Alpharetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

A. Vr. et v. - A. r. a. v. J.O., Jourt owers - preprieture a conjoints; M.O., Manugue gowner - proprietaire gérant; Pa., Padelle - hanbes; Sc., Screw-A hélice LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Names of Motor Vessels in ibilies Les noms des vaisseaux à moteurs sont en italiques.

		8 G	EORGE V, A. 1918
Owner or Munuging Owner, and Address, Armateur ou propriétaire gérant, et udresse.	Is a New Martin, Moon River, P.O., Parry Sound, Ont. John R. Philips, Cobsconk, Ont. John R. Philips, Cobsconk, Ont. The Thunder Bay Contracting Co., Ltd., Fort Arthur, Ont. The Minister of Agriculture, Ottuwa, Ont. Northern Dredging & Construction Co., Ltd., Loggieville, Frederick J. Ward, Huhfax, N.S. The Thansville Lable of Bays & Lake Simcoe Navigation Co., The Lunsville, Ont.	Simon Cimon, Robersul, Que. Montreal, B.C. Hamithi Ilamade, Steveston, B.C. Hossel Jaynes, New Westmisherer, B.C. Hossel Jaynes, New Westmisherer, B.C. Vireniech Steam Navigation Co., Chatham, N.B. H. E. C. Carrey, Bruce Mines, Ont. Viraniech Steam Navigation Co., Chatham, N.B. H. E. C. Carrey, Bruce Mines, Ont. Vivan J. Miscaurand Erwin G. Tediford, J.O., Port Burwell, Oat. Vivan J. Miscaurand Erwin G. Tediford, J.O., Port Burwell, Oat. John P. O'Shea, Montreal, Que. Roesport, Navigation Co., Ltd., Roekport, Out. Nathanticar, Carleton Place, Ont. Nathanteed G. McMillister, Carleton Place, Ont.	B.C.  B.C.  B.C.  B.A. Scott, Roberval, Que.  B.A. Scott, Roberval, Que.  Milliam J. Gillis, Nanzimo, B.C.  David Rumley, Owen Sound, Ont.  E. McArthur, Westbourno, Man.  E. McArthur, Westbourno, Man.  Cho. Lake Sincero, Axvigation Company, Ltd., Toronto, Ont.  The Lake Sincero, Axvigation Company, Ltd., Toronto, Ont.  The Hard Steamship Lines, Ltd., Montreal, Que.  The Hunstyille, Ltd.  Add., Hunstyille, Chi.  Ltd., Hunstyille, Oh.
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Liste alphabérique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

Herenating to the ration of J.O., Joint conners, proprehence conjoints, M.O., Managing conner propriètaire gérant; Pa., l'addice à aubes; Sc., Serew à hélico. Names et Meter Vesselvin italia des vasseaux à moteurs sont en taliques.

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	Owner or Managing Owner, and Address. Arnateur on propriétaire gérant, et udresse	David Ward, Toronto, Ont.  Roland Gordon, Peterborough, Ont. (Tyede Cleveland, Blandford, N.S., M.O.  Mrs. Elizabeth Michener, Tp. of Bertie, Welland Co., Ont.  Producers Rock & Gravel Co., Ltd., Victoria, B.C.	Nicholas Buther, Vancouver, B.C. Albert G. Knowles, Suak Sic., Marie, Ont. Sidney Charles Mortimore, Vancouver, B.C. John Wallace, Vancouver, B.C. John Magrave, Victoria, B.C. Wallace Fisheries, Limited, Vancouver, B.C. Western Phekers, Liuited, Vancouver, B.C.	Mrs. Harriet S. Sandford, Ilmnilton, Ont. Wu. Thompson, Mont Julian, Ont. Lewis G. Price Pascos's Whart, Vancouver, B.C. Lewis G. Price Pascos's Whart, Vancouver, B.C. Lewis G. Price Pascos's Whart, Vancouver, B.C. Voorka Pascking Co., Ltd., Vancouver, B.C. The Minister of Utblic Works, Ottawn, Ont Geo. Weir. Montreal, Que. Wm. J. Belding, Vancouver, B.C. F. J. Fhillips, Torento, Ont. Canadan Perific Laliway Co., Montreal, Que. Frank Roberts, Liverpool, G.B. Mrs. Arthemise Robert, Montreal, Que. M. B. Jackson, Viritoria, B.C. Canadan Perific Railway Company, Montreal, Que. M. B. Arckson, Viritoria, B.C. Canadan Perific Railway Company, Montreal, Que. Koomes K. Freeman, Prince Rupert, B.C.
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# ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1917.

( ) J.O., Joint owners proproferance conjoints; M.O., Managing owner propriètaire gérant; Pa., Paddle A aubes; Sc., Serew -A hélice, LISTE ALFHARÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Anne of M for be demindifies Les nones des vaissenux à moteurs sont en dulques.

		8 GEORGE V, A. 1918
	Owner or Managing Owner, and Address. Armiteur on propriétaire gérant, ot adresse.	Charles (Fillara, Drum Head, N.S.  The Rett Portago Lumbur Co., Lid., St. Bomiface, Man. Robert J. Sprott, Vancouver, B.C.  Mobert Deberson, Ningon, Ont.  Batharst Lamber Co., Lid., Inthurst, N.B.  Muskoka Lakes Navigation & Hotel Co., Lid., Toranto, Ont.  Terashita Kasanchi, Steveston, B.C.  Gust, Alto, Subbury, B.C.  Gust, Alto, Subbury, B.C.  Ger, M. Ward, Nevelmoi, Jan.  Geo., A. Ward, Nevelmoi, Jan.  Geo., M. A. Cherdan, Que.  Harvey Richardson, M.O., Lid., Toranto, Ont.  Harvey Richardson, M.O., Lid., Toranto, Ont.  Gendld W. and William N. Birks, J.O., Montreal, Que.  Robert P. Butelmart, Narcouver, B.C.  Robert P. Butelmart, Narcouver, B.C.  Robert P. Butelmart, Narcouver, B.C.  William B. Barwis, Vancouver, B.C.  Coeral Founders of Public Works, Outway, Ont.  William B. Barwis, Vancouver, B.C.  Coeran Founders, Co., Lid., Pictoria, B.C.  Warden'n Vision Navigation Co., Lid., Dawson, Y.T  Andro Honddson, Perboner, Que.  Frederick W. Bony, Goderich, Ont.  Frederick W. Bony, Goderich, Ont.  The Northern Navigation Co., Lid., Taronto, Ont.  The Northern Navigation Co., Lid., Taronto, Ont.  The Northern Navigation Co., Lid., Quebec, Que.
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1868 1891 1912 1899 1950	1904	1904	1912 1903 1915	1912	1967	1891	1911	1908	1914	1994	1908	1916	1906	1902	1914 1912 1911 1912 1909	1887	1908 1912	1908	1914 1902 ibsev.
	116784 7North Vancouver Vancouver	Ferry No. 3,  North Wind  Northern Belle  Ottawa	Northern Cross Prince Rupert Northern Light Kenora.	Northland Echo. Kenora	Northland Sus Kenera.	Northum berland Charlottetown	Nortonian Vancouver.	Nowitka Victoria Sydaey, N.S.		110999 'NO. 14 116994 'NO. 15 121459 10NO. 15 Montreal	21261 No. 26   Quebec   14alifax   14alifax   15alifax   15alifa	Nyanzu. Windsor, N.S. Nyraze		NymphIoronto	0. L. R. New Westminster. 0. O. Buljalo ("hatham, N.B. Halliax Oak Leaf" Digby	3510/ "Oathad	Ocelot Richibacto Ocoba Jiverpoel	126284 12Ocoace	138269 Odnak 138363 Odissea. Vancouver 1Formerly "William Joliffo." 2Formerly "Gi
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Prormerly "William Joliffo," 2Formerly "Gipsey," 3Foresign name "Minaie W," 4Foreign name "Evelyn." 4Formerly "Lily." 5Formerly "North Vancouver," 7Formerly "South East Sheal No, 18" and "Palken." 4Foreign name" Wm. J. Averell." 2Fromerly "Stella Marion."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

1 . J.O., Joint owners propridates conjoints; M.O., Managing owner propriètaire géraut; Pa., Puddle A mibea; Sc., Serow -h hélice. LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Names of Morar Ve sels in italier. Les noins des vaissanux à moteurs sont co italiques.

	6 GEORGE V, A. 1916
Owner or Managing Owner, and Address. Armateur on propriétaire gérant, et adresse.	Otter S. Ivarson, Squumish, B.C. Dominion Fish Co., Idd., Winniper, Man. Treat Valley Navication Co., Ltd., Bobcaygeon, Ont. Treat Valley Navication Co., Ltd., Bobcaygeon, Ont. Alexander Forrest, Ruby Creek, B.C. The Roeway Fish Co., Ltd., Shelburne, N.S. The Roembroke Transportation Co., Ltd., Pembroko, Ont. Marter S. Dobliois, Italifav, N.S. The Superatenden Greefal of Indian Affairs, Ottawa, Ont. Michell O. Phillias, Caudhumaga, Que. Michell O. Phillias, Caudhumaga, Que. A.I. Mancold, London, End. Marterfindd, Mackie & Co., Ltd., New Westminster, B.C. A.I. Mancold, London, End. Marchell O. Phillias, Caudhumaga, Que. Cohon Smellie, Steveston, B.C. A.I. Mancold, London, End. Gab. Namood, London, End. Gab. Namood, London, End. Gab. Namood, London, End. Cohon Melaren, Brockville, Ont Gabrans & Lousbourg Steamship Co., Ltd., Victoria, B.C. Chas, H. Clements, Port Melway, N.S. Canda Shipping Co., Ltd., Montreal, Que. Revillion Bros., Ltd., Montreal, Que. Marter H. McPherson, M.O., Port Stanley, Ont. Walter H. McPherson, M.O., Port Stanley, Ont. Walter H. McPherson, M.O., Port Stanley, Ont. Manco E. Grorge and Mrs. A. R. Melmes, Parraboro, N. S. Freenan Payzant, Lockeport, N.S.
H.P. of Engines und Mode of Propulaion. Puissance des machines en c. v. et mode de propulaion.	2
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Depth in feet and 10ths.	
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SESSIONAL PAPER No. 22
98 se., Patrick J. McSharry, Toronto, Ont.  98 c., Janes Lenore, Endmoston, Alta.  98 c., Janes Lenore, Endmoston, Alta.  98 c., Janes McDamell, Vancouver, B.C.  Canadian Pacific Railway Co., Montreal, Que.  98 c., The Ontario Car Ferry Co., Lid., Mostreal, Que.  98 c., The Ontario Car Ferry Co., Limited, Mostreal, Que.  98 c., The Ontario Car Ferry Co., Limited, Mostreal, Que.  98 c., The Ontario Car Ferry Co., Lid., Montreal, Que.  98 c., Frank S. Barnard, Yietoria, B.C.  98 c., Frank S. Barnard, Yietoria, B.C.  98 c., Frank S. Barnard, Vietoria, B.C.  98 c., John W. Swarri, Vancou ver B.C.  19 c., Milton Parco, Parry Sound, Ont.  98 c., John W. Swarri, Varion, Lockport, N.S.  99 c., John W. Swarri, Worth, Lonsdialo, B.C.  19 c., Arthur F. Marcher, Kingston, Ont.  98 c., John Bowmas, Rossport, Unit.  98 c., Ohn Bowmas, Rossport, Unit.  98 c., John Bowmas, Rossport, Unit.  98 c., John Bowmas, Rossport, Unit.  98 c., John Bowmas, Rossport, Unit.  98 c., Iro Timader Ray Contracting Co., Lid., Teronto, Ont.  98 c., Glibert S. Smith, Worn, B.C.  98 c., Glibert S. Smith, No., Hurt's Point, N.S.  98 c., Glibert S. Smith, No., Hurt's Point, N.S.  99 c., The Minster of Marion, Toronto, Ont.  90 c., Strachan Johnson, Toronto, Ont.  91 c., G. J. Rluckann, Vancouver, B.C.  92 c., Whiler G. Tromley, Port Carling, Ont.  93 c., Mister G. Tromley, Port Carling, Ont.  94 c., Gravo Maning Co., Lid., Richwan, Ont.  95 c., Mrs. John J. Banfield, Yancouver, B.C.  96 c., Janes B. Paterson, Mor treal, Que.  97 c., Mrs. John J. Banfield, Yancouver, B.C.  98 c., Janes B. Paterson, Mor treal, Que.  98 c., The Minister of Irbiis Works, Ottawa, Ont.  98 c., Janes B. Ditver, Magog, Que.  98 c., Janes B. Baterson, Mor treal, Que.  98 c., Janes B. Baterson, Mor treal, Que.  98 c., Janes B. Baterson, Mor treal, Que.  98 c., Janes B. Haterson, Mor treal, Que.  98 c., Janes B. Haterson, Mor treal, Que.  98 c., Janes B. Haterson, Mor treal, Que.  99 c., Mrs. Howell. Montreal, Que.  90 d. Hurdy, M. Janes, Gore Bay, Ont.  90 d. Harry S. Janes Je
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# ALPHARLICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1917.

J.O., I not coveres proprofuses earliests. M.O., Managing owner proprietaire gérant; Pa., Padelle Annbea; Sc., Screw A hélice, LISTI ALPHARÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Names of Motor Ve els in italice. I es none des vaisseaux à moteurs sont en ilabatues

	8 GEORGE V, A. 19	918
Owner or Managing Owner, and Address. Armateur on propriétaire gérant, et adresse,	Marion Tug Bont Co., Ltd., Victoria, B.C.  Hugh C. Walkern, Montreal, Que Burrington & Cape Island Statu Ferry Co., Ltd., Barrington, N.S.  Burrington & Cape Island Statu Ferry Co., Ltd., Barrington, N.S.  Chichirto Yoshida, Steveston, B.C.  Firic S. Curon, Vincouver, B.C.  Philip M. Arsenault, St. Crysostome, P.E.I.  Powell River Company, Ldt., Vancouver, B.C.  The Minister of Public Works, Uttawn, Ont.  The Minister of Public Works, Uttawn, Ont.  The Minister of Public Works, Uttawn, Ont.  Phineas Mason and Charles Mason, Jr., Eastern Points, N.S.  Honry T. Dairon and Peter Doiron, Prince Rapert, B.C.  Compass Bress, Ltd., Rateks Harbour, N.B.  Honry T. Johron and Peter Doiron, Prince Rapert, B.C.  Compass Bress, Ltd., Rateks Harbour, N.B.  Steamship Pandosia Co., Ltd., Montreal, Que.  J. J. Grace, Grander Place, Que.  J. J. Grace, Grander Place, Que.  J. L. Grace, Grander Place, Que.  The Calvin Co., Ltd., Garlen Island, Ont.  Levis Crawell, Port Latour, N. S.  Comanda Steamship Lines, Montreal, Que.  The Calvin Co., Ltd., Garlen Island, Ont.  Hiert S. Ward, Toronto, Ont.  Albert P. Calnen, Hudiax, N. S.  Chang Marc Scotiat Conscruction, Winnipeg, Man.  Richard Dausen, Prince Albert, Sask.  Ernest St. Wilbland, Vancouver, B.C.  Flemest S. Wilbland, Vancouver, B.C.  Flemest S. Wilbland, Works, Uttawa, Ont.,  Plemest S. Wilbland, Works, Uttawa, Ont.,  Plemest S. Wilbland, Works, William, Ont.,  Richard Dausen, Prince Albert, Sask.	Vincent Fleuming, M.O., Ketch Harbour, N.S. Peter Newberg, Namaimo, B.C.
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Largeur en piede et 10es.	7404	
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Where Built. Lien de construction.	Farema, Wish , U.S.A., King Gon, Uni. King Gon, Uni. King Coy, Uni. Serie Ciyals, N.S. Serveston, B.C. Farmonyer, G.B. Farronne, Ont Farmonyer, C.S. Farronne, Ont Marrian, C.S. Kopen, C. Farronne, Ont Marrian, C. Farronne, Ont Marrian, C. Farronne, Cont Marrian, C. Marri	Blandford, N.S. Gabriola Feland, B.C.,
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SESSIONAL PAPER	10. 22			
Jean J. Crete, Grandes Piles, Que. John G. Mullen, Ambrestburg, Out. John G. Mullen, Ambrestburg, Out. Chape Breton Electric Co., Lut., Sydnoy, N.S. Chape Breton Electric Co., Lut., Sydnoy, N.S. Littleson Bay, Co., London, El., Sydnoy, N.S. Littleson Bay, Co., London, El., Lines, A. M. Smith, Vancouver, B.C. David T. Sandison, Aliford Bay, B.C. James Leven, Bobourgean, Out. Candre Harris, Ponder Island, B.C. John H. Lowe, Vancouver, B.C. John H. Lowe, Vancouver, B.C. James S. Euneson, Vancouver, B.C. James S. Euneson, Vancouver, B.C. James S. Euneson, Vancouver, B.C.	The Minister of Public Works, Ottawa, Ont. Westminster Towing & Fish Co., Ltd., New Westminster, B.C., Westminster Towing & Fish Co., Ltd., New Westminster, B.C., Minister of Public Works, Ottawa, Ont. Minister of Public Works, Ottawa, Ont. Mintsore McKimon, et al., Mondague, P. El. The Upper Ottawa Improvement Co., Ltd., Pelee Island, Ont. Public Scales Ottawa Improvement Co., Ltd., Ottawa, Ont.	Introassessualing Diffusion, Target, Variation, Property, P.	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont. The Dredging & Doek Co., Ltd., Toronto, Ont. J. N. Ihuno, Halfax, N.S. J. N. Ihuno, Halfax, N.S. J. N. Ihuno, Halfax, N.S. Gollin's Bay Rafting & Forwarding Co., Kingston, Ont. Phe Minister of Marting & Forwarding Co., Kingston, Ont. The Minister of Public Works, Ottuwn, Out. Michael J. O'Brien, et al., Reafrew, Ont. Arthur W. Puddington, St., John, N.B. Arthur W. Puddington, St., John, N.B. Handsville, Dake G. Bays & Lake Simcoe Nav. Co., Ltd., Hansville, One	The British Columbia Canning Co., Victoria, B.C. Mathow Wilson and Abmest J. Jackson, Vincouver, B.C. Charles Wicgand, Vancouver, B.C. Charles Wicgand, Vancouver, B.C. L. Walsh and W. C. Dulton, J.O., Port Arthur, Ont. E.J. Natudl and A. S. Nutfull, J.O., Port Arthur, Ont. Cacanda Steamship Lines, Ltd., Montreal, Que. George Lindsny, Robervul, Que. H. S. Folger, Knapskon, Ont. H. S. Folger, Knapskon, Ont. H. S. Folger, Knapskon, Ont. Charles G. Johnson, Vancouver, B.C. Chyoquot, "Chub."   Formerly "Formerly "Bangaree."  Formerly Clayoquot."
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Grandes Piles, Que. Shaffalo, N.Y. U.S.A. Shaftans, N.Y. U.S.A. Androns, N.Y. U.S.A. New Westminster, B.C. Fort Vermilion, Alta Prudenco Crossing, Alta. Vancouver, B.C.	Sorel, Que Westminster, B.C. Athens, N.Y., U.S.A. Selkrik, Man, Masser's River, N.S. Collinewood, Ont. Pembroke, Ont.	Amonover, Fac. C. Cleveland, Ont. C. Cleveland, O. U.S.A. Sentdo, Wash, U.S.A. Okanagan Lake, B.C. Rigulon, G.B. Metegban, N.S. Rothesay, N.B. Simooe, Ont. Simoove, Ont. Clauser Columbia Billy or C. Clauser Columbia Billy	Sugmaw, Mich., U.S.A., Boretanquishene, Ont. Bonaventor, Quo. But Michanod, N.Y. Collin's Bay, Ont. Victoria, B.C. Lake Nopigen, Ont. Victoria, B.C. Lake Nopigen, Ont. The Michael State of the Michael State of the Michael	Ilard, Wash., U.S.A., meoaver, B.C., orth Vancouver, B.C., orth Vancouver, B.C., orth Vancouver, D.C., Man, N.Y., U.S.A., meston, Ont., orthograph, Quo., Nicholas, Quo., a Formerly a suilin, and "Pro Patria,", and "Pro Patria,"
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ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1917.

I r 1: 2 I r 1 . J.O., Joet own is proprietaires conjoints; M.O., Mannging owner proprietaire gerant; Pa., Padelle A nubes; Sc., Sciew - A helian LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Name of Motor Vessels in Wiles Les noms des vaissenux à moteurs sont en inliques

	8 GEORGE V, A. 1918
Owner or Managing Owner, and Address. Armateur on propriétaire gérant, et adresse.	The Yale Columbia Lamber Co., 14td., Nelson, B.C. The Sancky & Peace RiverCompuny Lid., Peace River Algoring to Lidean Dreging Co., Lid., Subt Ste, Marte, Ont. Michael W. Keating, Co., Lid., Subt Ste, Marte, Ont. Wm. P. Blacklam and Wm. Rose, Nuncouver, B.C. Pacific Dreging Co., Lid., Varcouver, B.C. Richael J. Jimno, jr., Escumbare, B.C. Edward O. C. Lealney, St. John, N.B. Frencherfe Wolfe, Arrichat, N.S. Frencherfer Wolfe, Arrichat, N.S. The Minister of Public Works, Ottawa, Ont. The Outleve & Lévis Ferry Co., Lid., Quebre, Que, Frederick J. Herstal, New Westminster, B.C. George Fourner, Ladian, N.S. Frederick J. Herstal, New Westminster, B.C. Wilsher, Populan, B.C. Brooks Scanlon Lumber Co., Lid., Vancouver, B.C. Brooks Scanlon Lumber Co., Lid., Vancouver, B.C. Herosk Scanlon Lumber Co., Lid., Vancouver, B.C. Grarcee Fourner, Halfan, N.S. Peter Vhalen, Ottawa, Inc. Arrhur H. Dawson, McCludet, B.C. Clarcee Dawley, Cladet, Vancouver, B.C. Alexander J. Leitch, Vancouver, B.C.
H.P. of Engines and Mode of Propulsion. Puissance des machines en c. v. et mode de propulsion.	1 4 8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
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Port Eimps Port Hode. Port Hode. Post Lead. Post Lead. Post Lead. Post Lead. Premier. Premier. Premier President III Prevost V. Princo Albe Princo Edy Princo Edy Princo State Princo S	
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ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1917.

I result no - Vr 121 + J.O., Jonet owners properture equiputes; M.O., Managing owner -proprietaire gérant; Pa., Padelle A nubes; Sc., Screw A belies. Liste alphabénque des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Name of Motor &control of the Les noms des vairseaux à moteurs sont en italiques.

Owner or Manuging Owner, and Address. Armateur ou propriétaire gérant, et adressu.	John M. Fuller, Vancouver, B.C.  Monarch Towing & Trading Co. Ltd., New Westminster, B.  Ole Johnson, New Westminster, B.C. Joseph H. Taybor, Campbellon, N.B. John Custley, Minnicogamshum, Ont. Ernest Exstrope, Vancouver, B.C. Ernest Exstrope, Vancouver, B.C. Ernest Exstrope, Vancouver, B.C. Ernest Exstrope, Vancouver, B.C. Wart office, London, Eng. Pricella Steam Nucht Co., Ltd., Twrento, Ont. Wilbum Main, M.O., Vancouver, B.C. Wilbum Main, M.O., Vancouver, B.C. Guebec Harbour Comnissioners, Quebec, Que. Quebec Harbour Comnissioners, Quebec, Que. Quebec Harbour Comnissioners, Quebec, Que. Quebec Harbour Comnissioners, Quebec, Que. Curadian Parial Sulvayor Co., Ltd., Pritamia Beach, B.C. Willer J. Trotter, Vancouver, B.C. Willer P. Andierson, Co., Ltd., Qualitieski Cove, B.C. Cuardinski Caming Co., Ltd., Qualitieski Cove, B.C. Wellen E. Anderson, Qualitieski Cove, B.C. Wellen E. Anderson, Qualitieski Cove, B.C. Wellen E. Anderson, Qualitieski Cove, B.C. Wellen D. Anderson, Qualitieski Cove, B.C. Wellen D. Anderson, Qualitieski Cove, B.C. Wellen, P. P. Of Gloucester, Ont. Canada Steamship Lines, Ltd., Montreal, Que, Temiskuming Navigation Co., Ltd., Mattawn, Ont.
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Gross Tonnage.	<u> </u>
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Length in feet and 10ths.	8 15452544265435269
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Official No. No.	1911.05   1911.0

<sup>6</sup>Foreign name "Esther". <sup>12</sup>Formerly "Dortha" and

SESSIONAL PAPER	R No. 22			
R. Farries, et al., North Bay, Ont. The Queboe & Lovis, Ferry Co., Ltd., Queboe, Que. Queen City Trading & Transportation Co., Ltd., Victoria, B.C. Pacific Line Co., Ltd., Vancouver, B.C., Ltd., Tennagami, Oot. Mosskola, Leather Co., Ltd., Ternato, Ont. Telesphore Marion, Quesnel, B.C. The Straits Fish Co., Ltd., Nanaimo, B.C. dune B. Bahington, Prince Bupert, B.C. dune B. Bahington, Prince Bupert, B.C. Capital Park Co., Ltd., Kettle Island, Que.	St. Mungo Canning Co., Ltd., New Westminster, B.C. Robt. S. Jnekson, Vancover, B.C. Wm. Scott, Wallaceburg, Ont. Cleveland-Sarnin Saw Mills Co., Ltd., Sarnia, Oot. Dobson & McLood, Southampton, Ont. The Chief Commissioner of Lands for British Columbia, Vie- The Chief Commissioner of Lands for British Columbia, Vie-	John, B.C., Allard, Carleton, Que. Ridoau Canal Supply Co., Ltd., Ottawa, Ont. Rideau Canal Supply Co., Ltd., Ottawa, Oat. A. Lumsden, Ottawa, Ont. Harry W. Ansley, Port Dover, Ont. Acadia Sugar Refining Co., Ltd., Italiax, N.S.	Francis Barnett, Birdsall, Ont.	4 sec Nareisse and John Gaené, Fort Frances, Ont.  3 soc Mrs. Adelia Gates, Halfax, N.S.  3 sec Walter Wm. Carter, Fesserton, Ont.  20 sec Tog. Tidalph E. STach, Bulfax, N.S.  43 sec The Edwardsburg Starch Co., Ltd., Montreal, Quo.  44 sec Tog. Tidalph E. STach, Bulfax, N.S.  45 sec The Edwardsburg Starch Co., Ltd., Montreal, Quo.  46 sec Cyril J. Haney, Port Haney, B. C.  5 sec Mrs. Harriott Fort! Port Hammond, B. C.  7 sec The Harriott Fort! Port Hammond, R. C.  8 sec The Harriott Fort! Port Hammond, R. C.  18 sec The Harriott Fort! Port Hammond, R. C.  18 sec The Hansville, Oht.  19 sec The Lansville, Oht.  19 sec The St. oh Hivre Log Driving Co., Fredericton, N.B.  25 sec The St. oh Hivre Log Driving Co., Fredericton, N.B.  25 sec Thomas Walsh, Kewern, Ont.  5 sec The St. oh Marker Standardship Lines, Ltd., Montreal, Quo.  60 sec (Sanada Steamship Lines, Ltd., Montreal, Quo.
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Pforeign name "The Bell." <sup>2</sup> Foreign name "Colinn." <sup>3</sup> Foreign name "White Wings." <sup>1</sup> Foreign name "Josie." <sup>8</sup> Fornerly "Skalaberry." <sup>8</sup> Foreign name "Nollie Reid." <sup>9</sup> Foreign name "Harley." <sup>10</sup> Foreign name "Planet." <sup>11</sup> Formerly "Isaac Lincoln." <sup>11</sup> Formerly "Brockville" and "Colombian."

1 11 1 vr J O., Joint owners propriètures conjoints; M.O., Manuging owner proprièture gérant, Fa., Paddle à nubes; Sc., Serew à hèlice. Liste alphabetque des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Althauthean List of Steam Vessels on Registry Books in Canada, December 31, 1917.

	8 GEORGE V, A. 1918
Owner or Manuging Owner, and Address. Armateur ou propriétaire gérant, et adresse.	Rat Portage Lamber Co., Ltd., St. Boniface, Man. Grant Pyke, Wolfe Ishand, Que. Grant Pyke, Wolfe Ishand, Que. Grant Pyke, Wolfe Ishand, Que. St. Boniface Rev. Wolfer Band, Que. Ltd., Montreal, Que B. H. Bissett, Browkville, Unt. Grand P. Seaton, Victoria, B. C., Grand P. Seaton, Vincoria, B. C., Grand P. Seaton, Vincoria, B. C., Grand P. Seaton, Prince Rupert, B. C., John A. Swanson, Prince Rupert, B. C., Francis St. Louis, Hall, Que. Ltd., Toronto, Ont. Francis St. Louis, Hall, Que. Cadit, Cor. Codit, Co., Ltd., Toronto, Ont. Mark Bloovers, Par C. Codit, Co., Ltd., Evantoria Dredging & Construction Co., Ltd., Lozgievilla, N.B. Adolf H. Lomer, Montreal, Que. S. Gray, Vancouver, B. C. Deel Laishley, Toronto, Ont., and Wm. Kervin, Callandor, Ont. Jul. S. Gray, Vancouver, B. C. Canada Sciende, Halliata, M.S. Laddher, Seafeld, B. C. Mandar Sciende, B. C. Charles W. Salperios Sand & Toroing Co., Ltd., Fort William, Ont. The Minister of Public Works, Ottawa, Ont. Chentelwe W. S. Dunn, Grinbby, Ont. Chentelwe W. Strakley, Chathan, N. B.
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Tonnage brut.	292245
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Althum Tierle List of Steam Vessels on Registry Books in Canada, December 31, 1917.

J.O., Jout to a separateures conjoints; M.O., Manuging owner propriétaire gérapt; Pa., Paddle - à aubes; Sc., Serew - à hélieu. LISTE ALPHARE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917.

		.8 GEORGE V, A. 19	18
of Malagnes.	Owner or Manuging Owner, and Address. Armuteur ou propriétaire gérant, et adresse.	Chrence Tanner, Bluck Rocks, N.S. Edward Lloyd, Pert Mondy, B.C. The structures Acknowled and Edd., Montreal, Que. The structures Acknowled and Edd., Montreal, Que. Dolin Kirwin, Callander, Out. Norman A. Rule, Winniper, Man. Isrued Tunner, Eastern Points, N.S. Isrued Tunner, Eastern Points, N.S. Canada Steinmalhin, Line, I.I.d., Montreal, Que. The Roseway Fash Co., Ltd., Nontreal, Que. The Roseway Fish Co., Ltd., Shelbarno, N.S. The Roseway Fish Co., Ltd., Shelbarno, N.S. Meistern Poister, Amerowyer, B.C. Weistern Poister, Amerowyer, B.C. Mistern Poister, Amerowyer, B.C. Mistern Poister, Amerowyer, B.C. Mistern Poister, Mortimer Point, Moskoka, Ont. Charles Govern, Mortimer Point, Moskoka, Ont. Charles G. Steanth, Vancouver, B.C. S.—Totandos T.C., Ld., Shelbarno, N.S. Mirol Mortimer, Mortimer Presel and O. E. Browne, South Lord George, B.C. Mirol Wallace and Hume B. Bahinaton, JO., Vancouver, B.C. Mirol Wallace and Hume B. Bahinaton, JO., Vancouver, B.C. Mirol Wallace and Hume B. Bahinaton, JO., Vancouver, B.C. Alfred Wallace and Hume B. Bahinaton, Ont. W. S. Logic Co., Ld., Petarboro, Ont. W. S. Logic Co., Ld., Patarboro, Ont. Fred, Larnest, Philess and George Grisé, Midhand, Ont. Fred, Larnest, Philess and George Grisé, Midhand, Ont.	Chas Stewart, Lanstowne, Ont. Ontario Coundum Co., Ltd., Toronto, Ont.
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SESSIONAL PAPER No. 22							
F. L. Vandusen and A. Milne, J.O., Hull, Que, J. E. Ford, Norwood, On: Frederick Wright, et al., Wiarton, Ont. Join R. Roid and Ames R. Turner, Vancouver, B.C. Join R. Roid and Ames R. Turner, Vancouver, B.C. W. C. Edwards & Co., Ltd., Rockland, Ont. Joseph Roque, Killarnoy, Algonn, On. The Newcardle Steamboat Co., Ltd., Newcardle, N.B. The Reitish Columbia Ties & Timber Co., Ltd., Vancouver, B.C. George Marron, Owen Sound, Ont. George Abunes, Vancouver, B.C. George Abunes, Vancouver, B.C.	skeard, Ont.	Hezekinh Lovy, Little Taneook, N.S. Abitibi Powor & Paper Co., Led., Montral, Que. Eselford and T. E. Hongh, Torone, Ont. Samuel Vezinn, ir., 7 Notre Dame St., Queboe, Que.	James A. Farquhar, Halifax, N.S. Victoria Tug Co., Ltd., Victoria, B.C. B. Potrol Co., Ltd., Shedian, N.B. B. Ratens Publicover, Blandford, N.S. Porcy W. Easthope, West Vanconver, B.C. Gilbert Redunond, et edt., Lisbornb, N.S. Che Muskoka Lakes Navigation & Hotel Co., Ltd., Toronto, Ont. Edward A. Booth, Kingston, Oat.	Canada Steamiship Lines, Ltd., Montreal, Que. Janese Crumb, Dunwille, Our J. Bickell, 999 Metropolitan Bldg., Vancouver, B.C. J. B. Suowhall Co., Ltd., Chatham, N.B. George B. Cates, Vancouver, B.C. A. Mercier, Beurgort, Que. Alfred Macdonald, Teterbrorogan, Ont. Zinophile Therrien, Laehenais, Que.	Whaler F. Boi Zinoph Murra	<ul> <li>Duc. Agus.</li> <li>Lis. Showball Co., Ltd., Chathann, N.B.</li> <li>Ifon. Sir Geo, H. Perley, Ottawa, Ont.</li> <li>About Maw. Toronto, Out.</li> <li>Alex. Morin. St. Henri de Tuillon, Que., and Chas. Potvin, Alex. Morin.</li> </ul>	218 so Janes Whalon, Port Arthur, Ont. 104 pa Canada Steamship Lines, Ltd., Montreal, Que. 5 Formerly "Arizona,"   6 Fornich "Blanche".
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Raby, Raby, Raby, Raby, Raby, Rapurt, Rapurt, Rapurt, Rassell Rassell Rassell Roque, Raster Raster Rath Rath M. Rath M. Rath M. Rath M.	S. B. B. S. S. A. S. and G. S. & Y. S. & Y. S. B. Graboll	1S. F. Levy S. S. Low Bush. S. W. Marchment. S. Vezna.	Sablo I. Satio. Salir Edna. Salir Edna. Salir Evlya. Salir Evlya. Salir IIItz. Salir IIItz. Salir IIItz.	Saguenny Saida Saida Saida A Alice St. Annurew St. Charles St. Charles St. Charles St. Charles St. Charles	St. Clair. St. Croix. Sain! Elme. St. Etiennu.	St. George. St. George. St. George. St. Henri	St. Ignaco
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Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

A Preside as I rail to J O., Joint owners propriétures empontes; M.O., Managing owner propriétaire gérant; Pa., Padille à aubres, Sc., Serew -à hélice. LISTE ALPHABÉTIQUE des Vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Names of Motor Vessels in thal ee. Les noirs des vaisseaux à moteurs sont en daliques

	8 GEORGE V, A. 1918
Owner or Manuging Owner, and Address Armateur on propriétaire gérant, et adresse.	The Present Lumber Co., Ltd., New Mills, N.B. Adelphie Lemay, St. Jean des Chaillons, Que. The Camadan Towing & Wreeking Co., Ltd., Port Arthur, Ont. Place J. Scott, Saluel Ste, Marte, Out. The Stort, Sharbrooks, N.S. Rt. Rex. Enile Ground, Fort Chipewyan, N.W.T. J. B. Showball Co., Ltd., Chutham, N.B. Montreal & Cornwall Navigation Co., Ltd., Cornwall, Ont. T. M. Burns, Batharst, N.B. The Minister of Public Works, Ottawa, Out. Henjania E. Svanes, New Westminster, B.C. K.F. Burns, Batharst, N.B. The Montreal Sand & Gravel Co., Ltd., Montreal, Que. Peter Cavanagh, Perth, Out. Henjania E. Svanes, New Westminster, B.C. The Montreal Sand & Gravel Co., Ltd., Montreal, Que. Peter Cavanagh, Perth, Out. Peter Cavanagh, Perth, Out. Peter Cavanagh, Perth, Out. Letter Grandes Piles, Que. Johany Gany, M. O., Ldvis, Que. Johany Gany, M. O., Ldvis, Que. Johany Gany, M. O., Ldvis, Que. Landour Commissioners, Montreal, Que. Canadian Bank of Commerce, Ito., Toronto, Ont. Canadian Bank of Commerce, Ito., The Minister of Public Works, Ottawa, Ont. Charles C. Bates, St. Williams, Ont. E. Gagnon, Ste. Anne de Chronitani, Que.
H P. of Engines and Mode of Propulsion. Puissance des machines en c v. et mode de propulsion.	## 5 - 25   25   25   25   25   25   25
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Name of Ship Nom du payiro	St. Isodore St. J. De chant ag St. Jose St. Jose St. Jose St. Jose St. Joseph St. Laurent St. Laurent St. Laurent St. Laurent St. Louis St. Nucholas St. Rocch St. Roc
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SESSIONAL PAPER No. 22				
Auguste and Edountd Coto, J. O., Grande Baie, Que. Soyonum Sato, Ewor Camery, B.C. Martin Monk, M.O., New Westminster, B.C. Martin Monk, M.O., New Westminster, B.C. Martin Monk, M. O., New Westminster, B.C. Martin Monk, M. O., New Westminster, B.C. The Merin Honk, M. O., New Westminster, B.C. The Merin Lakes Dredging Co. Lid., Port Arthur, Ont. The Bluss Navigation Co., Lid., The Pats, Milian Pope, Vencouver, R.C. Millian Pope, Vencouver, R.C. W. Carter, Fosserton, Ant. Geo. A. McLeed, Hulliax, N. S. The Minister of Public Works, Ort. The Upper Ottawa Improvement Co., Lid., Ottawa, Ont. Montreal Sand & Gravel Co., Lid., Montreal, Que. Andrew, Loggic, Richipute, N. M. Amery, Loggic, Richipute, N. M. The Contral Canada Coal Co., Lid., Brockville, Ont.	William Billie, Comox, B.C. Henry, Crow, Chatham, Out. Wm. Fraser, Montreal, Que. Standard Chemical Iron & Lumber of Canada, Ltd., Toronto,	Unt. Coundian Pucific Railway Co., Montreal, Que. Isaac Hunter, Hunter's Point, Que. J. W. Brankely, Charlham, M. F. Canadian Towing & Wrecking Co., Ltd., Port Arthur, Ont. Reid Towing & Wrecking Co., Ltd., Sarnia, Ont. Canada Stramship Lines Lt., Montreal, Que. The Imperial Oil Co., Ltd., Surnia, Ont.	Frederick R. Johnson, Port Colborne, Ont.	4 sc Huntsville & Bracebridgo Tunning Co., Ltd., Huntsville, Ont. 6 sc Charles Deciardina, Motterel, Quo. 2 sc Maranatsu Endo, Fraser River, B.C. 1.  2 sc Mizamatsu Endo, Fraser River, B.C. 1.  1 sc Howard M. Fraser, New Westminster, B.C. 2 sc Albort E. Munn, Vancouver, B.C. 1 sc Albort E. Munn, Vancouver, B.C. 1 sc Edwin Leaviet, Belleville, Ont. 1 sc Edwin Leaviet, Belleville, Ont. 1 sc Edwin Leaviet, Belleville, Ont. 1 sc Almark Smith, M.O., Cross Island, N.S. 8 sc Marist Tanaka, Steveston, B.C. 1 sc Marist Tanaka, Steveston, B.C. 1 sc W. W. Sparks, Township of Pickering, Ont. 1 sc My W. Sparks, Township of Pickering, Ont. 4 pa John Watter, Led., Edmonton, Alta. 2 sc Jus. C. Applebvy, Lindsay, Out. 1 sc Daniel Lang, et al., Elgin, Ont. 1 sc Daniel Lang, et al., Elgin, Ont. 1 sc The Minister of Ralikwys and Canals, Ottawa, Out. 2 Sec Harlina, & Canao, Sonanship of Vitawa, Oth. 3 Sec Harlina, & Canao, Sonanship of Co., Ltd., Hulifax, N.S. 2 Sec Harlina, & Canao, Sonanship of Vitawa, Oth. 3 Sec Harlina, & Canao, Sonanship of Co., Ltd., Phalis, Othuwa, Oth. 4 Sec Phe Minister of Ralikwys and Canals, Ottawa, Oth. 3 Sec Harlina, & Canao, Sonanship of Co., Ltd., Phalis, Othuwa, Oth. 4 Par. 4 pa Bunister of Ralikwys and Canals, Ottawa, Oth. 3 Sec Harlina, & Canao, Sonanship of Co., Ltd., Phalis, Othuwa, Oth. 4 pa 4 pa.
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# Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

J.O., J. et. ver. —p. que t.o. en joet ; M.O., Mannging owner —propriéture gérant; Pa., Paddle —h nube ; Sc., Serew —h bélice.

Note of Motor Verol en et de Tarinda. La nords des vanssenux à rod ens sont en deliques. LISTL ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917.

Owner or Managing Owner, and Address. Armateur ou propriétaire gérant, et adresse.	British Yukon Navigation Co., Ltd., Vancouver, B.C.  The Importal Cil Co., Ltd., Sarain, Ont.  The Importal Cil Co., Ltd., Sarain, Ont.  The Importal Col Co., Ltd., Sarain, Ont.  The Indicas & Glaco Bay Steamship Co., Ltd., Indiax, N.S., Ottawa Transportation Co., Ltd., Ottawa, Ont.  Domald Barges, South Vincouver, B.C.  Charles spreadl, Perton Landing, N.S.  Charles spreadl, Perton Landing, N.S.  John Ravernan, Porton Landing, N.S.  Flette D. MacSwern, Cot., Ltd., St. Bonikace, Man. William Morris, Vorento, Ont.  John Ravernan, Port Perty, Dr.  John Ravernan, Lort Leap, A. B.C.  Defart D. MacSwern, New Westmin for, B.C.  Defart, Bault, Dull. Que.  L. Eli Boult, Dull. Que.  Anistrong Towing Co., Ltd., Cuche Bay, Ont.  Zachnicial Sumpon, Nancouver, B.C.  Defarte D. Ancow, Verton, Mannipez, Man.  C. L. Shan, Co., Ltd., Winnipez, Man.  C. L. Shan, Co., Ltd., Mancouver, B.C.  Millan, L. Legin, Chase, B.C.  Millan, L. Legin, Chase, B.C.  Denninon Proceeding Co., Ltd., Mortreal, Que.  Willer G. Stergens, Cluthfatta, M.B.  The John Harrison & Sons, Co., Ltd., Owen Sound, Ont.  The John Harlikay Tradang & Sensing Co., Ltd., Ltd
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<sup>6</sup> Foreign name "Bernuda." <sup>6</sup> Formerly "Mnmie,"

SESSIONAL PAPER No. 22			
\$ se James S. Emerson, Vancouver, B.C. \$ se Amos Lovy, Cross Island, N.S. \$ se John Win. Stewart, Vancouver, B.C. \$ se Ticror L. Goodwill, Charlottotown, P.E.I. \$ se A. Loggin, M. O., Dell, Glace Bay, N.S. \$ se A. Loggin, M. O., Dalhouse, N.S. \$ se A. Loggin, M. O., Dalhouse, N.S. \$ se Herbert O. Crowell, Woods Harbour, N.S. \$ se Herbert O. Crowell, Woods Ltd., Vancouver, B.C. \$ se A. Herbert Mason Co., Ltd., Vancouver, N.S. \$ se Albert Mason, Tancook, N.S.	Sesese.	9 pa. Fraser River Landber Co., Lidt., Fursar Mulls, B.C., 5 sc., John A. and Thomas Marshall, J.O., Port Albernie, B.C., 5 sc., John A. and Thomas Marshall, J.O., Port Albernie, B.C., 5 sc., John A. and Thomas Marshall, J.O., Port Albernie, B.C., 5 sc., Mapoléon Tradel, Ns. Irené, Que. 5 sc., Robert Johnston, Port Carling, Ont. 8 sc., Robert L. Johnston, Port Carling, Ont. 8 sc., Richert H. Johnston, Port Carling, Ont. 8 sc., Mrs. Michael Inter, Victoria, B.C. 2 sc., Mrs. Michael Inter, Victoria, B.C. 3 sc., Robert Wight, Blue Rooks, N.S. 3 sc., Milliam Farrell, Vinneouver, B.C. 2 sc., William Farrell, Vinneouver, B.C. 2 sc., William Farrell, Vinneouver, B.C. 2 sc., Niviliam Jeanines, Montreul, Quo. 2 sc., Milliam Jeanines, Montreul, Quo. 2 sc., Milliam Jeanines, Montreul, Quo. 2 sc., Milliam Jeanines, Montreul, Quo. 3 sc., Jacob B. Howell, B.R. Howell, A. Masher, Canso, N.S. 8 sc., Jacob B. Howell, A. A. Stiller, Callender, Ont. 3 sc., Matsa Thurka, Steverton, B.C. 3 sc., Matsa Thurka, S	
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New Westminster, B.C Lillooet, B.C Charlcotterown, P.E.I Charlcotterown, P.E.I Glarlcotterown, P.E.I Glare Bary, N.S Woods Jirrbour, N.S Wictoria, B.C White Horse, Yukon Ter- tory. Charl Glarke, N.S White Horse, N.S Porty.	Quebec, Que Morris, Heights, N.Y., U.S.A. West Bay City, Mich., U.S.A.	New Westminster, B.C. St. John, N.B. Vancouver, B.C. Sar, Frefie, Gue. Rarrington Passage, N.S. Rarrington Passage, N.S. Ringston, Ont. Vancouver, B.C. Sunderland, G.B. St. Hilaire, Que. St. Hilaire,	ouver, U.S. ouver, B.C agan Laading ston, Ont s Head, Ont.
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Formerly "Royalite," Formerly "Alma." Formerly "R-Tis-3." Formerly a sailing vessel. "Dreadnaught." Foreign namo "Volga."

## Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

1 r it i the it in J.O., Joint owners, propriétaires conjoints, M.O., Managing owner propriétaire gérant; Pa., Padelle it aubres, Sc., Serew - A hélice, Names of Motor Vesels in televa - Les noues des vaisseaux à moteurs sont en indiques.

LISTE ALTHABÉTIQUE des Vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917.

			8 GEORGE V, A. 1918
B Hillstyner.	Owner or Manuging Owner, and Address. Armateur ou propriétuire gérant, et adresse,	Frederick N. Waldie, Toronto, Out.  Ilency Whitehond, Gervenhurd, Out John Curbardiege Cautey, Minnesonashone, Out.  Richard O' Caary, Richburto N B.  Rodtka Pucking Co., Lid., Vinceonver, B C.  Nortka Praking Co., Lid., Vinceonver, B C.  Demers Young, M.D., Fanconk, N.S.  Lat Comparine it is Navigation, Ville Marie, Que.  Lard A. Marchison, Steveston, B.C.  The Minister of Marine and Fisheries, Ottuwn, Out  Montreal, Transportation Co., Lid., Montreal, Que.  Franklin S., Inh. Montreal, Que.  Charles Reinslorrow, Clarithum, M.B.  Ottawn, Transportation Co., Lid., Ottawn, Ont  Walthout Commissioners of Montreal, Montreal, Que.  The Minister of Public Works, Ottawa, Ont.	Joseph A. Lemany, Portneul, Que. The Canadian Towing & Wrecking Co., 3-64, 3-9rt Arthur, Cart. The Canadian Towing & Wrecking Co., 3-64, 3-9rt Arthur, Cart. Naminton Fish & Bair Co., 1-64, Namatino, B.C. Manhand, Navigation Co., 1-64, New Westminster, B.C. H. A. Murloch, Loggicwille, N.B. Greimell, E. Walker, Last Sooke, B.C. Arthur Mason, Fastern Points, N.S. He Oldmangan Lake Rant Co., 1-64, Narmata, B.C. Narcouver Prediging & Salvange Co., 1-64, Narcouver, B.C. Narcouver Bredging & Salvange Co., 1-64, Narcouver, B.C. Narcouver Bredging & Salvange Co., 1-64, St. Bonilace, Man. The Hudson's Bay Co., Jondon, G.B. Lance Laggod, Richinaton, N.B. Lance Laggod, Richinaton, N.B. The Chandian Pacific Jasilway Co., Montreal, Que.
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#### SESSIONAL PAPER No. 22

1 1 ec. C. L. Packing Co., Ltd., New Westminster, B.C.  4 sc. The Randolph Macdonald Co., Ltd., Montreal, Que.  Bear, Lather B. Smith, St. John, N.B.  5 se. Tale Columbia Lumber Co., Ltd., Nakusp, B.C.  7 pa. Anton Kluyanes, Yanowyer, B.C.  5 se. William W. Near, Toronto, Ont.  1 lec., Edward R. Contenta Bay, B.C.  9 co., William M. Near, Toronto, Ont.  1 lec., Edward R. Contenta Bay, B.C.  1 lec., William A. Shevens and Edward L. Thompson, J.O., Alberni, Re. Alexander Marsus, Vancouver, B.C.  1 lec., Sombric Cold Mining Co., Ltd., Victoria, B.C.  1 lec., Sexander Marsus, Vancouver, B.C.  1 lec., Sombric Cold Mining Co., Ltd., Victoria, B.C.  1 lec., Sombric Cold Mining Co., Ltd., Victoria, B.C.  1 lec., Sexander Marsus, Vancouver, B.C.  2 lec., The Corporation of the Darkiet of West Vancouver, B.C.  2 lec., Alfred M. Vintell, Victoria, B.C.  2 lec., Alfred M. Vinnell, Victoria, B.C.  2 lec., I.C. Alfred, W. M. Victoria, B.C.  2 lec., I.C. Alfred, M. Vintell, Victoria, B.C.  2 lec., I.C. Alfred, M. Vintell, Vincouver, B.C.  3 lec., Alfred, M. Vinnell, Victoria, B.C.  4 lec., Alfred, M. Vinnell, Victoria, B.C.  5 lec., I.C. Alfred, Victoria, B.C.  5 lec., I.C. Alfred, W. R. Seyun et al., D., Hudson, Que.  5 lec., I.C. Alfred, W. B.C.  5 lec., I.C. Alfred, M. Seyun et al., D., Hudson, Que.  5 lec., I.C. Alfred, M. Sinth, et al., Toronto, Ont.  5 lec., I.C. Alfred, M. Brunet, Montreal, Que.  5 lec., Robin M. Brunet, Montreal, Que.  5 lec., Alfred, M. B. Alfred, Sultawa, Ont.  5 lec., Robin M. Rasa, Medden, Rentlew, Ont.  5 lec., Robin M. Rasa, M. Sinth, et al., Toronto, Ont.  5 lec., Robin M. Rasa, M. Sinth, et al., Toronto, Ont.  6 lec., The Minister of Pulle, Willer, V. M.  9 lec., The Minister of Pulle, Willer, W. M.  9 lec., The Minister of Pulle, Willer, W. M.  9 lec., The Minister of Lucies, Victoria, B.C.  1 lec., The Minister of Lucies, W. M.  1 lec., The M. Willer, W. M. W. Led,
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APPHABELICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1917.

11 . . . J.O., Lorit own propriate a regard, M.O., Mannig og owner propriétaire gérant; Pa., Puddle Annhes; Sc., Serew-Ahébrer, N. . . . . Me et Liste alphabérique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917.

		8 GEORGE V, A. 1918
	Owner or Manuging Owner, and Address. Armateur on propriétaire gérant, et adresse.	R. E. Doucett and W. A. Webster, J.O., Kenora, Ont. John A. Rills, Fendon Indis Ont. The Minster of Marine and Fisheries, Ottawa, Ont. John H. Scholy, Port Collone, Ont. Philip Can, Vancouver, B.C. Philip Can, Vancouver, B.C. R. Byees, Spanish River, Ont. Nations, S. Cornell, Port Stanley, Ont. James J. Lakeman, M.O., Hazel Hall, N.S. George Reit, Portage du Fort, Que. R. H. Sperling, Vancouver, B.C. Rathars, D. Charson, Launok, N.B. R. H. Sperling, Vancouver, B.C. Rathars D. Charson, Launok, N.B. Lass W. Vincouver, B.C. Rathars D. Charson, Launok, N.B. Lass W. Wence, Spanish Statum, Ont. The Sinceness Mexication of Dat. Lidd, Waterol. The Sinceness Mexication of Land, Ont. Lat., Tanonto, Ont. Lat., Tanonto, Ont. Lat., Tanonto, Ont. Reynolds Timber Shipping & Ins. Agry, Ltd., Vancouver, B.C. Cham Horn, Wolfe I-Jand, Ont., and R. Ladland Dat. Sensiebi Barit, Steweston, B.C. Strase, Malbind, Ont., Tancouk, N.S. F. S. Grase, Malbind, Ont. The Winger of Urbits Works, Otter, Ont. The Minister of Urbits Works, Otter, Marriel, Event, Saturna Island, B.C. Herman Thor-en, Numerower, B.C. Mr. F.E. Lang, Columnianter, B.C. Mr. F.E. Lang, Columnianter, B.C.
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#### SESSIONAL PAPER No. 22

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24 se Halifax & Inverness Steamship Co., Ltd., Halifax, N.S.  2 se Gerald T. Seaton, Vancouver, B.C.  2 se Grand T. Seaton, Vancouver, B.C.  2 se Struct R.W., Innited., Quebee, Que-  2 se William R. Wakely, Halifax, N.S.  10 se George D. Lewis, Lonislaure, N.S.  11 se Heavy Burcholl, Their Island, B.C.  2 se Heavy Burcholl, Their Island, B.C.  3 pu The Silven Stand & Gravel Co., Ltd., Vancouver, B.C.  3 se He Parydair Prestato Co., Ltd., Mario, Ont.  5 se Whiliam II. Burkholder, Sault St. Mario, Ont.  5 se Whiliam II. Burkholder, Sault St., Mario, Ont.  5 se Whiliam II. Burkholder, Sault St., Mario, Ont.  5 se Whiliam A. Fitch, Sydney, N.S.  5 se Duraids Steemaship Co., Ltd., Montred, Que.  5 se Marion A. Fitch, Sydney, N.S.  5 se Durainon from & Wirefang Co., Ltd., Montred, Que.  5 se Montin Burco, Barrie, Out.  5 se Montin Burco, Barrie, Out.  6 se Hon. Richard Turner, Quebee, Que.  7 se Wh. A. Cross, Port Artlur, O. & Boillace, Man.  8 se Hon. Richard Turner, Quebee, Que.  18 se Hon. Richard Lumber Co., Ltd., Torouto, Out.  18 se Montin Bruco, Landouver, B.C.  19 many Fisheries, Ltd., West Vancouver, B.C.  10 se I. A. McLeaman, Vancouver, B.C.  10 many Fisheries, Ltd., West Vancouver, B.C.  10 many Fisheries, Ltd., West Vancouver, B.C.  11 se N. A. Fouber, Land G. F. Foubert, Chanberland, Ont.  11 se N. A. Foubery Land G. F. Foubert, Chanberland, Ont.  12 se W. S. Shrwi, Breedolidge, Ont.  13 se Change, Vancouver, B.C.  14 se W. S. Shrwi, Breedolidge, Ont.  15 se Changes, Vancouver, B.C.  16 se W. S. Shrwi, Breedolidge, Ont.  17 se W. S. Shrwi, Breedolidge, Ont.  18 se Changel Relations, Ltd., Montreal, Que.	\$ 8c. T. J. Trapp & Co., New Westminster, B.C.  \$ 4c. Tolchlod Marsunga, Steveston, B.C.  \$ 5c. Tolchlod Marsunga, Steveston, B.C.  \$ 6c. Thomas R. Melay, Namimo, B.C.  \$ 6c. That Inited, Toronto, Ont.  \$ 6c. Takage & Ross, Ltd., Toronto, Ont.  \$ 6c. Takage Tereshita, Steveston, B.C.  \$ 6c. Takage Laboh, Ltd., Toronto, Ont.  \$ 6c. Cranville V. Cuppage, Victoria, B.C.  \$ 6c. Ganada Steunship Lines, Ltd., Montreal, Que, B.C.  \$ 6c. Canada Steunship Lines, Ltd., Montreal, Que, B.C.  \$ 6c. Though Steunship Lines, Ltd., Montreal, Que, B.C.  \$ 6c. Manda Steunship Lines, Ltd., Montreal, Que, B.C.  \$ 6c. Manda Steunship Lines, Ltd., Montreal, Que, B.C.  \$ 6c. Manda Steunship Lines, Ltd., Montreal, Gue, B.C.  \$ 6c. Manda Steunship Lines, Ltd., Montreal, B.C.  \$ 6c. Manda Steunship, B
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# Alpharetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

11 ... a. 1 tr eith as J.O., Joint owners proprietures conjoints; M.O., Managing owner propriétaire gérant; Pa., Paddle A aubres; Sc., Serew A helice. LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Names of Motor Vessels in taltes Les noms des var seaux à moteurs sont en dadiques.

		o deonde v, A. 1910
en Amques.	Owner or Manuging Owner, and Address Armateur ou propriétaire gérant, et adresse,	Chas. K. Walker, Vancouver, B.C.  Mired W. Lebuge, Vancouver, B.C.  Win, C. Broze, vancouver, B.C.  Noorka Packing Co., Ltd., Vancouver, B.C.  Noorka Packing Co., Ltd., Vancouver, B.C.  The et. Covey, M. O.; Tuncouver, B.C.  The et. Covey, M. O.; Tuncouver, B.C.  The British Viskon Navigation Co., Ltd., Hampton, N.B.,  Harvey L. Henderson, Montreal, Que.  The British Yiskon Navigation Co., Ltd., Vancouver, B.C.  N.B.  N.B.  N.B.  N.B.  N.B.  Nebert Thomson and Perry W. Thomson, J.O., St., John,  N.B.  The Councilian Fishing Co., Ltd., Vancouver, B.C.  L. A. British Yiskon Navigation Co., Ltd., Vancouver, B.C.  L. A. British Yiskon Navigation Co., Ltd., Vancouver, B.C.  Harvy Y. Nancouver, B.C.  L. A. British Yiskon Co., Ltd., Vancouver, B.C.  Harvy Stangards, Annouver, B.C.  L. A. British Vancouver, B.C.  Lanchardian Fishing Co., Ltd., Vancouver, B.C.  Thes. J. Malbol M. Patterson, Athabaska, Alta.  Chandian Pacific Radiawy Co., Montreal, Que.  The Changeone Navigation Co., Ltd., Surmin, Ont.  The Nucl. Wirecking Co., Ltd., Surmin, Ont.  Northern Fish Co., Ldd., Selvirk, Man.  Northern Wing, Midland, Ont.  Servor M. Wing, Midland, Ont.  Servor M. Wing, Midland, Ont.  Servor M. Wing, Midland, Ont.  George Brister and F. A. Hart, Vancouver, B.C.  George Brister and F. A. Hart, Vancouver, B.C.  George Brister and F. A. Hart, Vancouver, B.C.
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SESSIONAL PAPER NO. 22	
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se Kennoth B. Dokill, Wollington, Ont.  so Thos. W. Wakish, Hamilton, Ont.  se Honore Dugany, Caraquet, N.B.  se Honore Dugany, Caraquet, N.B.  so George Bascomla, Vancouver, B.C.  so George Bascomla, Vancouver, B.C.  so The Minister of Marine and Febreries, Ottawn, Ont.  by B. British Yakon Invigation Co., Ltd., Vancouver, B.C.  so The Names, Combernary, Ont.  so A. H. Taylor and J. Sulherland, Ottawn, Ont.  so All Taylor and J. Sulherland, Ottawn, Ont.  so All Taylor and J. Sulherland, Ottawn, Ont.  so The Grant Lakes Drodging Co., Ltd., Port Artlar, Ont.  so The Grant Lakes Drodging Co., Ltd., Port Artlar, Ont.  so The Grant Lakes Drodging Co., Ltd., Port Artlar, Ont.  so The Grant Lakes Drodging Co., Ltd., Port Artlar, Ont.  so The Grant Lakes Drodging Co., Ltd., Power Sound, Ont.  so Thinness Stoddart Co., Ltd., Ower Sound, Ont.  so Thuranger of Marine and Fisheries, Ottawa, Ont.  so Thuranged Call, North Vancouver, B.C.  Thourans Surfey, R. J. Hamish and George Williams, J. O.  E. R. Polson, Toronto, Ont.  so Malcolat. Montreal, Quo.  so Liverpool, N.S.  so Laverpool, N.S.  so Lyon Cohen, Montreal, Quo.	loseph C. Welton, North Kingston, N.S.
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1 Formerly "Wanda." 2 Foreign name "Wanda." 3 Foreign name "Cora." Portign pame "Cora." 1 Formerly "Famile L. Baker." 5 Foreign name "Fareign name "Carl." 7 Formerly Thania." 3 Formerly a sailing vessel. 9 Foreign name "Carl."

Alphankheal List of Steam Vessels on Registry Books in Canada, December 31, 1917.

J.D., Junt on are proprietaries conjoints; M.O., Managing owner proprietaire gérant; Pra., Paddle Analnes; Sc., Seren, à hélire. LISTI ALTIABÉTIQUE des Vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Narms of Motor Vessels in italies Les noms des vaisseaux à moteurs sont en itabiques

	8 GEORGE V, A. 1918
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()waer or Managing Owner, and Address. Armateur ou propriétaire gérant, et adresse	Donathan Perry, Shelburne, N.S. The Tourville Lamber Mills Go., Etd., Montreal, Que. Joint N. Bahlo, Travadic, N. B. Guil Steamahip & Trading Co., Ltd., Victoria, B.C. W.E. Preston Led., Midhad, Ont. M.E. Preston Led., Midhad, Ont. Migraemo, Navigation Co., Ltd., Vinconver, B.C. Electrical Davelopment Co., Toronto, Out. Redondo Caminia, & Cold Roman Co., Ltd., Vanconver, B.C. Hockers Statics, Wolfville, N.S. Herbert Statics, Molfville, Co., Ltd., Naramata, B.C. Herbert Statics, Molfville, Co., Ltd., Naramata, B.C. The Namagan Lake Bard Co., Ltd., Poronto Ont. The Toronto Ferry Co., Ltd., Poronto, Ont. The Toronto Ferry Co., Ltd., Toronto, Ont. Harry Trim, Westham Island, B.C. Lasceph E. Rona, M.O., Trois Pistoles, Que. Canada Steamship Co., Ltd., Montreal, Que. Lance B. Klock, Mattawa, Ont. Lumes B. Klock, Mattawa, G. George Isnumir, Steveston, B.C. George Statumir, Steveston, B.C. George Statumir, Steveston, B.C. Kranckita Hoestki, Vancouver, B.C. Kancolith Fisheries Ltd., Vancouver, B.C. Kancolith Fisheries Ltd., Vancouver, B.C. Kancolith Fisheries Ltd., Vancouver, B.C.
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5‡ sc Joseph A. Sayward, Victoria, B.C. 59 sc The Minister of the Naval Service, Ottawa, Ont. 590 sc Canada Steamship Lines, Lid., Montreal Que. 330 sc Canada Steamship Lines, Lid., Montreal Que. 330 sc Canada Steamship Co. Lid., Halifax, N.S. 250 sc Turrek fearaship Co., Lid., Halifax, N.S. 250 sc Gordon, et al., Pentherke, Ont. 28 sc Mrs. Annio C. dardner, Victoria, B.C. 28 sc Mrs. Annio C. Gardner, Victoria, B.C. 5 sc Mrs. Annio C. Gardner, Victoria, B.C. 5 sc H. Allen, Petalpore, Ont. 5 sc H. Allen, Petalpore, Ont. 5 sc H. W. Ansley, Pert Dover, Ont. 3 sc William R. Ansley, Pert Dover, Ont. 3 sc William R. Ansley, Pert Dover, Ont. 4 sc The Packers Steamship Co., Ltd., Vancouver, B.C. 10 sc The Minister of Public Words, Ottawa, Ont. 17 ps British Yakon Navigntion Co., Ltd., Vancouver, B.C.	9 sc. Arthur Neville Smith, Vancouver, B.C. 9 sc. Charles S. Boucher, Svincey Mines, N.S. 10 sc. Charles W. Turna, Canaphellord, Ont. 11 sc. Dolin A. O'Neil Hayes, Victoria, B.C. 12 sc. Patlon Brothers, Cornwall, Ont. 12 sc. Patlon Brothers, Cornwall, Ont. 13 sc. Iohn L. Hart, Sambro, N.S. 14 sc. Iohn L. Hart, Sambro, N.S. 15 sc. Trancis W. Simw, Vancouver, B.C. 15 sc. Trancis W. Simw, Vancouver, B.C. 15 sc. Tifford Waynett, M.O., Vogler's Cove, N.S. 15 sc. Tifford Waynett, M.O., Vogler's Cove, N.S. 15 sc. The Mine Centre Lamber Co., Ltd., Foret William, Ont. 15 sc. The Mine Centre Lamber Co., Ltd., Nancouver, B.C. 15 sc. Tifford Waynett, M.O., Weigler's Cove, N.S. 16 sc. Mortler Transit Co., Ltd., Midland, Ont. 17 sc. Tifford Waynett, A. Weikinnon, J.O., Broughton Island, B.C. 18 sc. Or R. Fraser, Edmonton, Alta. 18 sc. (Richard H. H. Alexander and John L. G. Abbott, Van-	couver, B.C., J.O.  Victor M. Duloo, Vancouver, B.C.  R. V. Winch & Co., Ltd., Vancouver, B.C.  Christopher Ruthenford, Peterboro, Ont.  Joseph Loblane, Passett, Que.  Jerneis W. Wilsh, Vancouver, B.C.  S. Wilson, Mussoy, Ont.  S. Wilson, Mussoy, Ont.  S. Wilson, Mussoy, Ont.  R. Conrul, Sio, Forx, N.B.  Roderick Martin, Vancouver, B.C.  Charles Lemoine, Penhorles, Ont.  Jerneis Martin, Vancouver, B.C.  Lerenial Shawonwhite, Twerner Bay, N.S.  Canadian Facific Railway, Co., Montreal, Que.  Hamilton Shipbuilding & Ferry Co., Ltd., Ham  Arthur W. Stevenson, Vancouver, B.C.  Robinson Wright, & Co., Ltd., Shulee, N.S.  Win, H. Dickson, Anyox, B.C.  The Minister of Martin and Pisheries, Ottawa, O'Canada Sicamelin Lines, Ltd., Montreal, Que.  Iven a sailing vessel.  4 Foreign name "William"
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### Alpharetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

1 2° az 1 1. J O., Joint ewner proposition conjunt M.O., Managure owner proposition glenut; Pa., Paddle 'à aule 4; Sc., Serew Abdiese, Na extende de au les nous des van sant a noteur sont en taleque. LISTE ALTUABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917.

	8 GEORGE V, A. 1918
Owner or Managing Owner, and Address. Armateur on proprictaire gérant, et adresse.	Geo. P. Spittal, Ottawn, Ont.  The Munister of Public Works, Ottawa, Ont.  The Munister of Public Works, Ottawa, Ont.  William Lowery, M.O., Stalt Ste. Marie, Out.  William Lowery, M.O., Stalt Ste. Marie, Out.  William Lowery, Montreal, Gue.  Morrall and Ernest Richards, J.O., New Westminster, B.C.  Maphones, Decary, Montreal, Que.  Isosph. N. Pettipas, Bay of Islands, Mild.  David Smith, Toronto, Ont.  Hester McKenzie, Vancouver, B.C.  Incorporated St. Andrews, N.B.  R. C.  Georgian Bay Lumber Co., Ltd., Wanbanshene, Ont.  James A. Brown, Port Essington, B.C.  Georgian Bay Lumber Co., Ltd., Wanbanshene, Ont.  Jerner St. Marie, Minect, B.C.  Georgian Bay Lumber, Co., Ltd., Wanbanshene, Ont.  Jelon S. Tirom, Quebec, Que.  Mrs. E. H. A. White, Minecuver, B.C.  John S. Tirom, Quebec, Que.  The Nunster of Marine and Fishericle, Que.  William H. Comstock, Brockville, Ont.  John Maide, Toronto, Ont.  The St. Maurice Construction Co., Ltd., Montreal, Que  William H. Comstock, Brockville, Ont.  John Maide, Toronto, Ont.  Frank, Asman, Ancouver, B.C.  Charles Ross and Ephram G. Moyer, J.O., Dunnville, Ont.  Frank, Ashania and George Rudge, Port Simpson, B.C.  David E. Imma and J. A. Perry, Cambridge, N.B.  George George Gorden & Co., Ltd., Cachie Bay, Out.  William S. Gardmer, Vancouver, B.C.  George Gordon & Co., Ltd., Cachie Bay, Out.  William S. Gardmer, Vancouver, B.C.
H.P. of Engines and Mod. of Propulsion. Pulseance des machines en c. v. et mode de propulsion.	8 5 6 5 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
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Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

Abbreuthons - Abrehuthans J.O., Joint owners - propriétaires conjoints: M.O., Mannaging owner - propriétuire gérant; Pu., Paddle-A aubes; Sc., Screw-A lélice. LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Names of Motor Vessels in Malics-Les noms des vaisseaux à moteurs sont en Maliques.

t en Haliques.	Owner or Managing Owner, and Address. Armatour ou propriétaire gérant, et adresse.	The Mabou & Gulf Coal Co., Ltd., Mabou, N.S. Wallace Fisheries, Ltd., Vancouver, B.C. Peter Wallace, Ltd., Vancouver, B.C. Peter Wallace, Nancouver, B.C. Horne Dery, Mistosini, Quo. Hance Dery, Mistosini, Quo. Hance Dery, Mistosini, Quo. Hantee Firmsportation and Coal Co., Ltd., Montreal, Quo. The York Construction Co., Ltd., Toronto, Out. Oncur Longworth, Steetlon, Out. Andrew Construction Co., Ltd., Toronto, Out. Thomas Iconaring Lines, Montreal, Que The Dounnion Fish Co., Ltd., Winston, Out. The Minister of the Naval Service, Ottuwn, Out. The Northern Fish Co., Ltd., Selkirk, Man. H. In Northern Fish Co., Ltd., Selkirk, Man. H. L. Haveock, Ottuwn, Ont. Milliam Birmingham, Goolerich, Out. William Birmingham, Goolerich, Out.	Manes Buckly, Prescott, Ont. Walter R. Charlton, Sault nu Mouton, Que Canadian Fish & Cold Storage Co., Ltd., Toronto, Ont. John Cooper, Chatham, Ont. Geo. Gorrell and John Nossip, J.O., Stromess, Ont. Markha A. McDonald, M. O., Port Joli, N. S. William J. Gillis, Nanavino, B.C.
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R1RS	Profondeur en pieda et 1000. Gross Tonnage.		
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200	Breadth in feet and 10ths.	11 12 13 15 15 15 15 15 15 15 15 15 15 15 15 15	9 5 119 5 119 5 119 5 119 119 119 119 11
8007	Longueur en pieds et 10m.	2	56 5 56 5 35 5 35 5 35 5
	Length in feet and 10ths.		25.6 24.88
Names of Motor Vessels in Valies—Los noms des Ynisseaux à moteurs sont en Malques	Where Built. Lieu de construction.	Dahhousie, N. B. Seattle, Wash, U.S.A. Nancouver, B.C. Seattle, Wish, U.S.A. Whateom, Wash, U.S.A. Whateom, Wash, U.S.A. Whatereni, Que Whatereni, Que Whatereni, Que Wyandotte, Mich., U.S.A. Wyandotte, Mich., U.S.A. Echo Bay, Ont. Collingwood, Ont. U.S.A. I. S.A. I. S.A. Buffaho, N.Y., U.S.A. Buffaho, N.Y., U.S.A. Buffaho, N.Y., U.S.A. Buffaho, N.Y., U.S.A. Selkrik, Man. Carleton Place, Ont. Goderich, Ont. Dieby, N.S.	Wilson, N.Y., U.S.A. Sault nu Mouton, Gre. Gg. Harbour, Wash, G.S.A., Wallsceburg, Ont Wharton, Ont Tancook, N.S.
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Victoria Whaling Co., Ltd., Toronto, Ont. The Cunda Interlake Line, Ltd., Toronto, Ont. The Tova Scotia Steel & Coal Co., Ltd., Now Glasgow, Frederick R. and Francis A. MacFarlane, Cobble	Vancouver Harbour Commissioners, Vancouver, B.C. Charles Wm. Burgovan, M.O., Pendon Falls, Ont. Charles Wm. Burgovan, M.O., Pendon Falls, Ont. Charles Wm. Burgovan, M.O., Pendon Falls, Ont. Charles Wff. Ed. Ldd., Nanaimo, B.C. G. Beck Mfg., Co., Ltd., Penetanguishner, Ont. Mrs. Richard F. Janowski, Nanaimo, B.C. H. F. Kergin and H. R. Fowler, J.O., Stewart, B.C. Woody, Rankin, of al., Mardelen Islands, Que. Mr. D. Oliver, Vegoria, B.C. Weeley Kankin, of al., Mardelen Islands, Que. Mretill De Bressay, Vancouver, B.C. Welley Kankin, of al., Mardelen Islands, Ont. Whert Henning, Pelec Island, Ont. Walikhy Ltd., Nancouver, B.C. J. W. Maitland, Owen Sound, Ont. Walikhy Ltd., Nancouver, B.C. John Doran, Levis, Que. Bidem, Steambout, Co., Ltd., Nannimo, B.C. Bidem, Steambout, Co., Ltd., Nannimo, B.C.	Daniel O'Gamer, Temagami, O't.  O. Brascon, Kennytzilo, Out.  Hugh Cann & Son, Ltd., Yarmouth, N.S. Margaret W. Edven, Toronto, Ont.  I. Matheson, Kenora, Oat.  N. Cook and Alfred Falk, J.O., Vancouver, B.C.  M. Gook and Alfred Falk, J.O., Vancouver, B.C.  A. A. Azar, Burk's Falls, Ort.  T. Exton. Foronto, Ont.  W. m. and Frasel Caygo, J.O., Rainy River, Ont.  John Lee, Namairo, B.C.  England, Hazel Caygo, J.O., Rainy River, Ont.  John Lee, Namairo, B.C.  M. S. Hugh Bailie, Port Moody, B.C.  J. Nicholson, North Sydney, N.S.  Daniel Gilfoy, M.O., Feltz South, N.S.  W. S. Loggie Co., Ltd., Chatham, N.B.  The Strait's Fish Co., Ltd., Nanaimo, B.C.	Halitax Graving Doek Co., Ltd., London, G.B. Archuw W. Adams, et ed., St. John, N.B. The Minister of the Naval Service, Ottawa, Ont. Wm. Buller, Peterborough, Ont. Canada, Steamship Lines, Ltd., Montreal, Que. Wilbur Johnston, Vancouver, B.C. George A. Momey, Montreal, Que. Recel Judga, et al., Halifax, N.S. Michael Dovey, Lindays, Ont. Charles H. Grav, Ganatoque, Ont. Charles H. Grav, Ganatoque, Ont. The Attorney Ganeral for British Columbia, Victoria, B.C. The Attorney Ganeral for British Columbia, Ont. Georgian Buy Lumber Co., Ltd., Montreal, Que. Georgian Buy Lumber Co., Ltd., Waulmushene, Ont.   § Foreign name "Uranus.  § Foreign name "Uranus.  § Foreign name "Ucania.
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## 8 GEORGE V, A. 1918

Phyeresthons - Préradions J.O., Joint owners propriétaires conjoints; M.O., Managing owner-propriétaire génuit; Pa., Paddle-à aubes; Sc., Serew-à hélice. Liste alphabétique des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917. Names of Motor Vessels in italies—Les noms des vaisseaux à moteurs sont en italiques.

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

The Attorney General for the Province of British Columbia, Corporation of the District of West Vancouver, West Vancou-Tidewater Tinber Co., Ltd., Vancouver, B.C.
Rut Portage Lumber Co., Ltd., St., Bonilace, Man.
G. Mekcan, M. O., St., John, N. B.
Upper Ontario Steambout Co., Ltd., New Liskeard, Ont.
F. M. Tweedie, Chatham, N. B. Frederick G. Watts, Collingwood, Ont.
Frederick C. Watts, Collingwood, Ont.
Thomas and William Gordon, J.O., Lakefield, Ont.
Firegerald U. Anderson, Halffax, N.S.
The Packers Stemuship Co., Ltd., Vuncouver, B.C.,
a., Win. B. Bigwood, Toronto, Ont.
Win. B. Bigwood, Toronto, Ont. Armateur on propriétaire gérant, et adresse. Rideau Lamber Co., Ltd., Ottawa, Ont.
The Fuzikers Steiniship Co., Ltd., Vancouver, B.C.,
Henry Quesnel, J.P., Sturgeon Falls, Ont.
Win. McLollan, Weet Vancouver, B.C. Owner or Managing Owner, and Address. Wontreal Transportation Co., Ltd., Montreal, Que Evans, Coleman & Evans, Ltd., Vancouver, B C. James W. H. Cartmell, Chilliwack, B C. annda Steamship Lines, Ltd., Montreal, Que Charles M. Menzies, Vancouver, B.C. II Bell Irving & Co., Ltd., Vancouver, B.C. Charles N. Sterling, Kenora, Ont. The Minister of the Interior, Ottawa, Ont. Mrs. F. M. Smith, Fort William, Oat. Robert J. Watson, Burk's Falls, Ont. William F. Kolbe, Port Dover, Ont Wm. McLaren, Perth, Ont. Vietoria, B.C. P. P. of Engines and Mode of Propulsion. Pulssance des machines en c. v. et mode de propulsion. 64 86 ... 46 ... 1 8c... ₹ 80°. 9 80. Этлагдотио эдвиноТ 929 26 910 122221 56 Топпаке brut. 20 SX 255 6.983322 Gross Tonnage. Prolondeur en pieda et 1000 O 4 10 13 O 00 14 51 14 0 11 1 20 <del>20 2</del> 20 <del>20 2</del> 9 9 Depth in feet and 10ths. Largeur en pieds et 10%. 18 0 32.5 14.0 8.1 30 Breadth in feet and 10ths 217 5 12 8 32 0 Longueur on pieds et 10ce, 6.2 6 22 0 31 2 31 7 525 0 525 0 525 0 525 0 33 0 34 0 37 0 9 16 37 0 41 0 83 0 Length in feet and 10ths. Vancouver, R.C. New Westminster, B.C.. Buffalo, N.Y., U.S.A... Port Dover, Ont. Lake Weslenikorn, Ont. Lieu de construction Harrison River, B.C. Buffalo, N. V., U.S. 'ollingwood, Ont... Oliver's Ferry, Ont Sturgeon Falls, Ont Where Built Mahone Bav, N.S. Burk's Falls, Ont. Collingwood, Out. Hay Verte, N. H., Vancouver, B.C. Vancouver, B C. Vancouver, B.C. Prescott, Ont Chatham, N.B. Vanerdver, B.C. Steventon, H C. Laketield, Ont Kingston, Ont Toronto, Ont. Simcoe, Ont. Kenora, Uat. Kenora, Ont. Const 506 905 592 592 599 595 599 599 truit 193 Port d'earegistrel'ort of Registry. New Westminster New Westininster. Sew Westminster. Prescutt Chatham, N B Collingwood Peterborough Collingwood 'ollingword Vancouver Port Dover BRIODIVET Kenora Vancouver 30COUVER Vancouver Kingston. Kingston Victoria Halifar Htawn Kenora West Vancourer Vo Nom du navire Name of Ship West Vancourer 17073 Westernan Westernkoon Waukeshn Haskon Waunda Warrashesh Wetrning Hest 1rm Hawane a Wenonsh Wenonsh We I've Welcome Wearligo Wawinet Melcome Wenonsh Wenynah Wara. Wekesta Weren Haura. 26616 Web 115971 107730 21919 134(192) 126×92 111598 12644 107655 107655 103650 92433 167.69 126797 341)26

SESSIONAL PAPER No. 22	
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<sup>1</sup>Formerly "Kacymo." <sup>2</sup> A recovered wreck. <sup>3</sup>Formerly "City of Montreal" and "China." <sup>4</sup>Formerly "Westmount." <sup>5</sup>Foreign name "Petrel." <sup>6</sup>Foreign seme "John 3.16." <sup>7</sup>Foreign name "Ella." <sup>8</sup>Formerly "Helen M. Scanlon." <sup>8</sup>Formerly "Iroquois." <sup>10</sup>Formerly "I. K. Secor."

Alphabetical List of Steam Vessels on Registry Books in Canada, December 31, 1917.

Abbrautes. Abrilations J.D., Joint Owners-proprietaires conjoints; M.O., Managing owner-proprietaires gérant; Pa., Paddle-à anbes; Sc., Screw-à hélice. Names of Motor Vessels in italica-Les nous des viussaux à moteurs sont en italiques. LISTE ALFHARÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1917.

						7 GEORGE V. A. 1917
	Owner or Managing Owner, and Address. Armateur ou propriétaire gérant, et ndresse.	B. J. Gibson and Edward Lynch, Hastings, Ont. E. Belnore, Sonthampton, Ont.  Monarch Towing & Trading Co., Ltd., Vancouver, B.C.	Alexander I. MePherson, Diaphin, Man. Camyda Steamship Lines, Ltd., Montreal, Que. Mrs. Isabella D. White, Midhad, Onc. W. P. Marray, Toronto, Onc. West, Interest Towing & Fishing Co., Ltd., New Westminster,	John R. Booth, Ottawn, Ont. Houry Wm. Albro, Lake Megantic, Que Title Corporation of the Township of Wolfe Island, Ont. R. C. Nyme and E. T. Tait, J. O., Vancouver, B.C. The Northern Fish Co., Ld., Selkirk, Man. Pacific Mills Ltd, Vancouver, B.C.	Mrs. I. Durham and Thos. Hayward, Victoria, B.C.	Packers Steamship Co., Ltd., Vancouver, B.C., Varnouth, Fishing Co., Ltd., Yarnouth, N.S., Varnouth, Fishing Co., Ltd., Yarnouth, N.S., Forest Mils of British Colarblas, B.C., Forest Mils of British Colarbbia, Ltd., Revelstoke, B.C., Snofth, Hannguelh, Steveston, B.C., Western Packers, Ltd., Vancouver, B.C., North American Steemship Corporation, Ltd., Halifax, N.S., Mostern Packers, Ltd., Vancouver, B.C., Sorth American Steemship Corporation, Ltd., Halifax, N.S., Aoseph Hadley, Chatham, Ont., F. Porter Worsnop, Lake Linderman, B.C., Daniel J. Kenney, Ginanoque, Ont., Daniel J. Kenney, Ginanoque, Ont., Choha W., Melltosh, New Westminster, B.C., Canadian Pacific Railway Co., Montreal, Que.
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## SESSIONAL PAPER No. 22

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134   91   13 sc Canadian Pacific Railway Co., Montreal, Que.   12   18 c Chinya Yoshido, Steveston, B.C.   18 c Chinya Yoshido, Steveston, B.C.   19 c Theorise Elliott, Kincolith, B.C.   19 c Theorise Elliott, Kincolith, B.C.   19 c Theorise Elliott, Kincolith, B.C.   19 c Theorise Matchad, Ort.   18   12   18 c Alloh McKeowa, Port Matchad, Ort.   18   18 c The Ceatral Pacific Coconnut Plantation, Ltd., London, Eng.   5 sc   7 he Ceatral Pacific Coconnut Plantation, Ltd., London, Eng.   5 sc   7 he Ceatral Pacific Coconnut Plantation, Ltd., London, Eng.   5 sc   7 he Ceatral Pacific Coconnut Plantation, Ltd., London, Eng.   5 sc   7 he Ceatral Pacific Coconnut Plantation, Ltd., London, Eng.   5 sc   7 he Ceatral Pacific Coconnut Plantation, Ltd., London, Eng.   5 sc   7 he Ceatral Pacific Coconnut Plantation, Ltd., London, Eng.   7 he Ceatral Pacific Coconnut Plantation, Ltd., London, Eng.   7 he Ceatral Pacific Coconnut Plantation, Ltd., London, Eng.   7 he Ceatral Pacific Coconnut Plantation, Ltd., London, Eng.   7 he Ceatral Pacific Coconnut Plantation, Ltd., London, Eng.   7 he Ceatral Pacific Coconnut Plantation, Ltd., London, Eng.   7 he Ceatral Pacific Coconnut Plantation, Ltd., London, Eng.   7 he Ceatral Pacific Coconnut Plantation, Ltd., London, Eng.   7 he Ceatral Pacific Coconnut Plantation, Ltd., London, Eng.   7 he Ceatral Pacific Coconnut Plantation, Ltd., London, Eng.   7 he Ceatral Pacific Coconnut Plantation, Ltd., Ltd., London, Eng.   7 he Ceatral Pacific Coconnut Plantation, Ltd., Ltd.	12 8 14 se E. L. Hutchins, Vancouver, B.C. 7 14 se D. J. O'Brien Logging, Co., Ltd., Vancouver, B.C. 781 492 17 pa British Yukoa Navigation Co., Ltd., Vancouver, B.C.	12 8 1 sc Kumazo Nagata, Eburno, B.C. 7 5 sc Francis E. Binnington, Vancouver, B.C. 5 10 sc Francis E. Binnington, Vancouver, B.C. 34 22 E. Francis E. Binnington, Vancouver, B.C. 34 22 E. Arthur C. Hardy, Briekville, Out. 38 24 2 Sc Arthur C. Hardy, Rickville, Out. 38 24 Esc J. H. Purves, North Sydney, N.S. 39 25 E. H. Purves, North Sydney, N.S. 30 141 7 pa British Yukon Navigation Co., Ltd., Vancouver, B.C. 47 8 Sc Lutter B. Smith und Jno. D. Mitchell, St. John, N.B. 48 Sc Lutter B. Smith und Jno. D. Mitchell, St. John, N.B. 49 Sc Reuben L. Morgan, Lindsay, Out. 41 Sc Reuben L. Morgan, Lindsay, Out. 41 Sc Reuben L. Morgan, Lindsay, Out. 42 Sc Lutter B. Smith und Jno. D. Mitchell, St. John, N.B. 43 Sc Latter B. Lilly, Curling, Nifd. 44 Sc Reuben L. Morgan, Lindsay, Out. 58 Sc John, Nayette, Champlain, Que. 58 Sc CA. Bogert, Toronto, Out. 58 Sc CA. Bogert, Toronto, Out. 59 Sc Latter A. Wille Electron, Ont. 50 Sc Latter B. Sc A Morgan, Lindsay, Out. 50 Sc Latter B. Sc Latter A. Vancouver, B.C. 51 Sc Latter B. Sc Latter A. Vancouver, B.C. 51 Sc Latter B. Lidy, Queens Co., N. B.
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York Vancouver Yosda New Westmister. Yosdano Vancouver Yotsuyama Vancouver Yotsuyama Sa. Catharines Trrebenna Vancouver Yrsbenna Vistoria	Ysidoro Vancouver Vucultu Vancouver Vucultu Vancouver Victoria	134435   Fumihama   Vancouver   134435   Fumihama   Vancouver
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## SAILING VESSELS

**VOILIERS** 

## PART II—PARTIE II

Liste alphabêtique des navires à voiles inscrit dans les registres Maritines du Canada au 31 décembre 1917. Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917. . Ibbrenations - Abrenations: J.O., Joint owners - propriétaires conjoints; M.O., Manuging owner - propriétaire gérant;

	Owner or Manging Owner, and Address. Arm it sur on propriétaire gérant, et adresse.	Canada Crandron Ca., Ltd., Toronto, Ont.  Page-British Columbia Packing Co., Ltd., Vane auver, B.C.  Page-British Columbia Packing Co., Ltd., Vane auver, B.C.  Auto-British Columbia Packing Co., Ltd., Vane auver, B.C.  Marcilla Danvar, Poerraville, Q.C.  Auto-British Vane auver, B.C.  Armotora, Marcin Co., Ltd., Vane auver, B.C.  Rabort Armitish & Co., Ltd., Vane auver, B.C.  Armotora, Marcin & Co., Ltd., Vane auver, B.C.  Armotora, Marcin & Co., Ltd., Vane auver, B.C.  Armotora, Marcin & Co., Ltd., Vane auver, B.C.  Krantora, Marcin & C., Ltd., Vane auver, B.C.  Krantora, Marcin & O., Cunnia, Van.  William Bryssin, Opan etc., N.B.  William Bryssin, Opan etc., N.B.  Walliam Bryssin, Opan etc., N.B.  London Bryssin, Opan etc., N.B.
-	Tonnage enregistré.	25 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	Regnetered tonnage.	
	Prolondeur en pieds et 10cs.	0000000 0+00 0000000000000000000000000
	Largeur en pieds et 10co.     Depth in feet and 10ths.	
li	Longueur en pieds et 10ce. Breadth in feet and 10ths.	
B	Length in feet and 10ths.	\$255.50
	Where Bailt. Lieg do coastraction.	Barry's Bay, Ont.  Staveston, B.C.  New Westmusser, B.C.  New Westmusser, B.C.  ville, Q.P.  Publico, Q.P.  Stall Sty. Marte, Ont.  Petric Rivière St. Fran- cost, Que  Petric Rivière St. Fran- cost, Que  Nemeravelle, Que  Vincouver, B.C.  Vinco
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	Official Number Number officiel	111690 1111600 1111600 101700 101700 101700 111710

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	Milliam Ashbourne, Twillingute, Nidd. David C., Hunter, Waldon, N.S. David M., Sathaver, M.O., Loneaburg, N.S. J. T. Durean, Clarke e Harbour, N.S. Geo, M. Barr, S.L. Johns, Nidd. Melville Cochrane, For River, N.S., M.O. A. B. Muckuy, Steamship Co., Lidd., Hamilton, Ont. Harold W. Durning, Five e Islands, N.S. Lewis Comors, Black's Harbour, N.S. Lewis Comors, Black's Harbour, N.S. J. Dan Mulholland, Campobello, N.B. Same Morsth, West Dover, N.S. J. E. Gray, Fernand, N. N.S. J. E. Gray, Permand, N. N.S. J. E. Gray, Permand, N. N.S. George Rector, Parrisboro, N.S. George Actor, Parrisboro, N.S. George Actor, A.O., Sebburne, N.S. George Actor, A.O., Sebburne, N.S. George Actor, Parrisboro, N.S. George Actor, Parrisboro, N.S. George Actor, Parrisboro, N.S. Allred Prenthun, New Glasgow, N.S. Alfred Prenthun, New Glasgow, N.S. Areneas P. Campbell, Campbells, Cove, P. E. I. Areneas P. Campbell, Campbells, Cove, P. E. I.
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Barry's Bay, Ont.         32           Mahoae Bay, N.S.         97           Duluth, Mim., U.S.A.         109           Duluth, Mim., U.S.A.         109           Sheburne, N.S.         109           St. Ame de Serel, Que.         197           St. Ame de Serel, Que.         188           François, Ont.         188           François Xivier, Que.         188           Votre Dulne du Pierre-108         18           Volte Dulne du Pierre-108         18           Volte, N.S.         37           Shelburne, N.S.         38           Shelburne, N.S.         49           Caraquet, N.B.         48           Shelburne, N.S.         49           Caraquet, N.B.         37           Port Medway, N.S.         49           Caraquet, N.B.         37           Sect. John, L. Orleans, Que.         38           Caraquet, Que.         37           Port Medway, W.B.         72           Port Medway, Que.	Shelburne, N.S. Shelburne, N.S. Walton, N.S. Mahone Bay, N.S. Areadia, N.S. Port Grewill, G.B. Port Greville, N.S. Westport, N.S. Westport, N.S. Westport, N.S. Westport, N.S. Sorel, Que. Langether, N.B. Shippigan, N.B. Shippigan, N.B. Shippigan, N.B. Charaquet, N.S. Shippigan, N.B. Charaquet, N.S. Shippigan, N.S. Shippigan, N.S. Shippigan, N.S. Shippigan, N.S. Shippigan, N.S. Grand Manan, N.S. Grand Manan, N.S. Grand Manan, N.S. South Boston, Mass. U.S.A. Campbell's Cove, P.E.I. St. John, N.R.
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<sup>2</sup>Foreiga name "Hugo," <sup>3</sup>Formerly Eddie J. <sup>4</sup>Formerly "Stevenson." <sup>5</sup>Recovered wreck. <sup>1</sup>Formerly a steamer.

Liste alphabétique des navires à voiles inscrits dans les registres Maritines du Canada, au 31 décembre 1917. Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

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	8 GEORGE V, A. 1918
Owner or Manuging Owner, and Address. Armateur ou propriétaire gérant et adresse,	Clayton W. Hynes, Glenwood, N. S. Christopher Armstrong, Onkville, Ont. Berliet A. Feek, Hopewell Cape, N. B. Wuo, Chamberland, St. Simeon, Que. James D. Dickson, Main-A-Dicu, N. S. Wu, Chamberland, St. Simeon, Que. James D. Dickson, Main-A-Dicu, N. S. R. T. Holtona, Summersfeld, P. E. J. R. T. Holtona, Summersfeld, P. E. J. Goo, Douertte, Tusket, N. S. Yarmouth Trading Co., Ltd., Yarmouth, N. S. St. Mauriee Paper Co., Ltd., Yarmouth, N. S. St. Mauriee Paper Co., Ltd., Yarmouth, R. S. Yormon Reinhardt, M. O., La Have, N. S. W. Norman Reinhardt, M. O., La Have, N. S. The Nova Scotia Dredging Co., Ltd., Halliax, N. S. Ropphon, A. Douertte, et al., Cape St. Mary's, N. S. Iohn M. Hayes, Holbrook, Derbyshire, Eng. Hoher Newson, Paraboro, N. S. T. Ahter, Shippign, N. B. T. Ahter, Shippign, N. B. Gedeon Beaudet, St. Jean des Chaillans, Que. Leader Chiaseon, Island River, Shippigan, N. B. Leader Chiaseon, Island River, Shippigan, N. B. The Ottawa Transportation Co., Ltd., Ottawa, Ont. Amable Lafleyt, Notre Dame de Perevville, Que. Charles Anderson, Clarke Harbour, N. S.
Tonnage enregiatic.	116 116 116 117 118 118 118 118 118 118 118 118 118
Profondeur en pieds et 10ss Registered tonnage,	\$15000000000000000000000000000000000000
Largeur en pieds et 10°s. Depth in feet and 10ths.	
Longueur en pieds et 10 <sup>en</sup> . Brendth in feet and 10ths.	82574515338 32 2133166116851325151518624153
Length in feet and 10ths.	123 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Where Built.	Cape Island, N.S.         36 0           Cakville, Ont.         47 3           Grandes Hergerones, Que.         54 9           Scatterie Island, N.S.         30 5           Antone Bay, N.S.         315           Cape Island, N.S.         31           Cape Island, N.S.         37           Cape Island, N.S.         37           Cabelomace, N.S.         37           Chelburne, N.S.         37           Chalentage, Que.         126           Liverpool, N.S.         35           Schipter, N.S.         35           Station, N.S.         35           St. Jahn, N.B.         87           St. Jahn, N.B.         87           Sumpeon ville, N.S.         34           St. Jahn, N.B.         87           Shippten, N.S.         87           Shippten, N.S.         87           Shippten, N.S.         88           Shippten, N.S.         81           Sheburen, N.S.         81
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Port of Registry. Port d'enregistre- ment.	Yarmouth Toronto Windsor, N.S. Guorber (Vrichat Lumonburg Varmouth Narmouth Narmouth Narmouth Narmouth Normouth Indiax Charlax Indiax St. John, N.B. Lumonburg Charlam N.B. Lumonburg St. John, N.B. St. John, N.B. Charlam Ottawa Ottawa Mortwal Normouth Normouth N.B. Ottawa Mortwal Mortwal Normouth N.B. Ottawa Mortwal Mortwal Normouth N.B. Ottawa Mortwal Mortwal Mortwal Mortwal Mortwal Normouth N.B. Ottawa Mortwal Mort
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Leopold Beauchennin, Notre Dame de Pierreville, Que, Howard Anderson, M. O., Digby, N.S., Frank Roberts, Liverpool, G.B., M. Peardon, Montague, P.E.I., M. Peardon, Montague, P.E.I., Becformanne, Short Baech, N.B., David J. Spoar, Penfeld, N.B., G. J. Howatson, New York, N. W., U.S.A. Beai, Davis, Yarmouth, N.S., William D. McDonald, Boylston, N.S., Svans, B. Deave, Ancouver, B.C., Frank B. Deave, Vancouver, B.C., Evans B. Deave, Macouver, B.C., Willis Ernet, M.O., Mahoon Bay, N.S., Fardon, A. Noel, Little Lannek, N.B., Melford Bond, M.O., Mahoon Bay, N.S., Parblu Sawh, Georgetown, Demerran, Milcon Romkey, M.O., Lulhave, N.S., Parblu Sawh, Georgetown, Demerran, Milcon Romkey, M.O., Lulhave, N.S., Stath Young and F. T. B. Young, J.O., Caraquet, N.B., Milcon Romkey, M.O., Lulhave, N.S., Sariah Young and F. T. B. Young, J.O., Caraquet, N.S., Sarah Young and F. T. B. Young, J.O., Caraduet, N.S., Stath Young and E. T. B. Young, J.O., Lasser, Davie, Shippigua, N.S., Dondled Urgulant, Vancouver, B.C., O. M. Harris, Juskinghum, Vas., Shippigua, N.S., Londino Cool, G.O., Itd., Montreal, Que. J. J. Donino Cool, G.O., Itd., Montreal, Que. C. M. Awood, Clarke's Harbon, N.S., M. Parker, Hull's Harne, Sonoru, N.S., M. Parker, Hull's Harne, Sonoru, N.S., Craigen P. Young, et al., Petpeswiek, N
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Liste alphabérique des navires à voiles inscrit dans les registres Maritines du Canada au, 31 décembre 1917. Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

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	8 GEORGE V, A. 1918
Owner or Mannging Owner, and Address. Arranteur ou propriétaire gérant, et adresse.	Const Steamship Co., Ltd., Vancouver, B.C., Agapit Dugmay, Lamek, N.B.  F. Garrier, Boulerville, Chambly Co., Que.  B. Garrier, Boulerville, Chambly Co., Que.  Ileari Stiand, St. Andre de Kamourska, Que.  Ileari Stiand, St. Andre de Kamourska, Que.  Ileari Stiand, St. Andre de Surier, B.C.  Gauron, Aspy Bay, N.S.  Isaae St. Fierre, Rimouski, Que.  John Maleau, Souris, P.E.I.  John Maleau, Souris, P.E.I.  Samuel Bowdridge, Murray Harbour, P.E.I.  The British Yukon Navigation Co., Ltd., Vancouver, B.C.  Almbert M. Smith, Port I al Ton., N.S.  Louis Thibert, Belle River, Ont.  Anabler Baul (Vivier), St. Joseph de Sorel, Que.  John Burton, Fortun (A.B.  W. C. Derry, Dover, N.B.  Freeman Robichan, Meteghan, N.S.  Freeman Robichan, Meteghan, N.S.  Freeman Robichan, Meteghan, N.S.  Remnel Bull (Givier), St. Joseph de Sorel, Que.  John Burton, Fortune, N.B.  Coulollan & Robertson, Ltd., Montreal, Que.  Alany Tareer Shipping Co., Ltd., Nietoria, B.C.  John Cherry, Tignish, P.E.I.  John Burton, Carrenguishe, Ont.
Топпаде епгедізсте.	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Registered tonnage.	
Depth in feet and 10ths.  Prolondeur on pieds et 10cc.	2000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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Breadth in feet and 10ths.	
Longueur en pieds et 10,	8841767534446788888889898989898989898989898989898989
Where Built. Lieu de constructien.	New Westminster, B.C. Caraquet, N.B. Lamek, N.B. St. Simfon, Que St. Simfon, Que Cambridge, N.B. Ship Harbour, N.S. Ship Harbour, N.S. Ship Harbour, N.S. Crindstone, M.I., Que Lamoburg, N.S. Ship Harbour, N.S. Tusket, Wedge, N.S. Belliveau Cove, N.S. White Horse, Y.T. Clyde, N.S. Short, Que. Retton, N.B. Sord, Que. Retton, N.B. Sord, Que. Retton, N.B. Sord, Que. Retton, N.B. Sord, Que. Retton, N.B. Sardle, Wash, U.S.A. St. Patrick, N. B. Montreal, Que. La Have, N. S. Settle, Wash, U.S.A. St. Patrick, N. B. Boston, Mass., U.S.A. St. Patrick, N. B. Garquet, N. B. Caraquet, N. B. Peretanguishene, Oot
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Rig — Gréemont.	Barree—Chd Schr Glt Schr Glt Schr Glt Schr-Glt
Port of Registry. Port d'enregistre- ment.	New Westminster Chatham, N B Quebe Quebe St. John, N B Sylney, N S Cheber Chathan Chathar Chathan Chathar Chathan Digby, Vancouver Namouth Barragton Passage Windsor, Out Windsor, Out Chathan Chathan Chathan New Westminster Namouth Sorde Windsor, Out Chathan Chathan New Westminster New Westminster New Westminster Chathan New Westminster New Westminster New Westminster Chathan New Mestminster Chathan Chathan New Chathan Chathan New Chathan Chathan Chathan New Chathan Chathan Loronton
Name of Ship Nom du navire.	10048   1,4110 to 20,00
Official Number Numfro officiel.	107.00 107.00 107.50 10

SESSIONAL PAPER No. 22
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Sharles Brister, Halifax, N.S. Sane Treccartin, Grand Manan, N.B. Sane Treccartin, Grand Manan, N.B. Dosithé Chiasson, Shippigan, N.B. Dosithé Chiasson, Shippigan, N.B. Mr. Geverser, Garaque, N.B. H. Brascartil, Malbaie, Que. Robert Assteir, Port Daniel West, Que. Storett Asteir, Port Daniel West, Que. Robert Assteir, Port Daniel West, Que. Ralas, Jr. Riviter Romaine, Labrador. H. Blais, Jr. Riviter Romaine, Labrador. H. Blais, Jr. Riviter Romaine, Labrador. H. Blais, Jr. Riviter Romaine, Labrador. H. B. Sandby, Port Elgin, N.B. H. Sandby, Port Elgin, N.B. H. Sandby, Port Elgin, N.B. He Canadian Salt Co., Windsor, Ont. Boajamin Boudor, Port Feix, N.S. Sanuel Epstein, Yarmouth, N.S. Heer Manie, B. Anderson, T. Co., Ltd., Sherbrooke, N.S. How Kearing, Canso, N.S. Michael Bomert and Mrs. Annie J. Bennet, Black Cape, Que. Corept Corrier, M.O., West Arrchat, N.S. Hohn R. Anderson, T. Charlan, N.B. Lorenzo Porrier, M.O., West Arrchat, N.S. Honsel Bomert and Mrs. Sheet Harbour, N.S. Honn R. May, Owl's Hoad, N.S. Honn R. May, Owl's Hoad, N.S. F. K. Westport, N.S. F. K. Wasthaver, Sheet Harbour, N.S. F. K. Wasthaver, Sheet Harbour, N.S. Honn R. May, Owl's Hoad, N.S. F. K. Wasthaver, Sheet Harbour, N.S. Honn R. David Subsans, Port Lorne, N.S. Feter Perry, Tienish, P.E. I. W. S. Loggie, Co., Ltd., Loggieville, N.S. Honn R. David Subsans, Port Lorne, N.S. Henry Le Jacheur, Martinique, N.S. Henry Le Jacheur, Martinique, N.S. Henry Le Jacheur, Martinique, N.S. Honn R. Gerrard, M.O., Elveryort, N.S. Honn A. Gornard, M.O., Stry Bay, N.S. Honny L. Garrard, M.O., Stry Bay, N.S. Honny L. Garrard, M.O., Tusket Wedge, N.S. Honny L. Garrard, M.O., Tusket Wedge, N.S. Honny L. Garrard, M.O., Tusket Wedge, N.S. Honny L. Gornard, M.O., Tusket Wedge, N.S. Honny L. Monder, M. Honny M. S. Honny L. Allerde, M. A. Honnel, W.S. Honny L. A. Bonnel, M. W. S. Honny L. Monder, M. M. S. Honny L. Monder, M. M. S. Honny L. Monder, M.
King Jack Gue.
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alitax, N.S.  Evaster, N.S.  Franke, N.S.  Shippigan, N.B.  and, N.B.  Malbaie, Que.  Marganetsville, N.S.  Tichavon, N.S.  Boat Association, Itd  Tichavon, N.S.  Figin, N.B.  For, I.d., Victoria, B.J.  For, I.d., Victoria, B.J.  For, I.d., Victoria, N.S.  For, I.d., Victoria, N.S.  Armonth, N.S.  Armonth, N.S.  Armonth, N.S.  Jordan, N.S.  She Flatavon, N.S.  She Flatavon, N.S.  She Flatavon, N.S.  She Flatavon, N.S.  Martinique, N.S.  Martinique, N.S.  Martinique, N.S.  Martinique, N.S.  Martinique, N.S.  Martinique, N.S.  Garaquer, N.S.  Martinique, N.S.  Garaquer, N.S.  And Manna, N.S.  See Lid., Tororto, Out, halin, N.S.  N
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Brister, Halilux, N.S.  Vereney, Plastantville, N.S.  Bourque, Tusket, N.S.  Chiasson, Shipingan, N.B.  Brasart, Malbaie, Que.  Asseles, Port Daniel West, Que.  T. Gibson, Margareterville, N.S.  unroe, Whitehaven, N.S.  unroe, Whitehaven, N.S.  L. Lebliana, West Arrichat, N.S.  Bremaa, Aberton, P.E.I.  Ilison, Salmon River, N.S.  Blemaa, Aberton, P.E.I.  adjan Salt Co., Mindsor, Ont.  Ilison, Salmon River, N.S.  Boadrot, Port Felix, N.S.  Boadrot, Port Felix, N.S.  All Romer, M.S.  All Romer, M.S.  All Romer, N.S.  All Romer, N.S.  All Romer, N.S.  All Romer, N.S.  Boadrot, Port Felix, N.S.  Brenta, Anderson, Co., Ltd., Shretter, And., Riverport, N.S.  All Romer, Control, N.S.  Brenta, All Ribar, N.S.  Brenta, All Ribar, N.S.  Brenta, All Ribar, N.S.  All Loggicus, D., Ltd., Chutham, N.B.  McChuigen, P.C. Ltd., Chutham, N.B.  McChuigen, P.C. Ltd., Chutham, N.S.  All Loggicus, D., Spry Bay, N.S.  Allers, Wine Harbour, N.S.  Curaquet, N.B.  Bourque, Port Laffort, N.S.  Curaquet, N.B.  Bourder, A. J. Luckerport, N.S.  Curaquet, N.B.  Bourder, A. J. Luckerport, N.S.  Curaquet, N.B.  Allors, Wold, J. Lanenburg, N.S.  Bodenwine, Port Laffort, N.S.  Bodenwine, Port Lamenburg, N.S.  Bodenwine, Notre Daume de Pierrevil
Charles Brister, Halifax, N.S.  Wan, Glevereey, Plessantville, N.S.  Basae Treceartin, Grand Manan, N.B.  Jayastin Bourque, Tusket, N.S.  Lake Friolet, Caraques, N.B.  Redert Astles, Port Daniel West, Que.  Robert Astles, Port Daniel West, Que.  Redert Astles, Port Daniel West, Que.  Reder Haurone, Whitcharven, N.S.  Redward J. Leblanae, West Arrichat, N.S.  E. B. Sandby, Port Egin, N.B.  E. Sandby, Port Egin, N.B.  The Simon Produce Co., Ltd., Victoria, B.C.  The Canadian Sult Co., Windsor, Ont.  Ben, Gallison, Salmon River, N.S.  Sanuel Epsten, Yarmouth, N.S.  Alex Kenting, Canso, N.S.  J. Rogers, Fortune, N.G.  J. Rogers, Fortune, N.G.  J. Rogers, Fortune, N.G.  Byron Ritcoy, et al., Marriotto Cove, N.S.  John Parrell, Main-bleu, N.S.  Byron Ritcoy, and A. Riveprort, N.S.  Beron Ritcoy, and A. Riveprort, N.S.  Beron Ritcoy, and A. Riveprort, N.S.  Beron Ritcoy, A.O., Riverport, N.S.  Beron Ritcoy, A.O., Riverport, N.S.  John O'Loury, Queessport, N.S.  John O'Loury, Queessport, N.S.  John A. Gerrard, M.O., Stey Bay, N.S.  Edgerton Ritcoy, M.O., Riverport, N.S.  Henry Le Lachent, Martinque, N.S.  John A. Gerrard, M.O., Stey Bay, N.S.  Eljiah Walters, Win, Port Felix, N.S.  Leijah Walters, Win, Port Felix, N.S.  Eljiah Walters, Win, Caraquer, N.S.  Hillire Bourone, Eel Brook, N.S.  Point Aane Quarries, Ltd., Torouto, Out, C.D., Tracher, N.S.  Point Anne Calnut, N.S.  Point Anne Calnut, Caraquer, N.S.  Point Anne Calnut, Caraquer, N.S.  Hillire Bourone, Eel Brook, N.S.  Hillire Bourone, Lott, Riverport, N.S.  Lobberth Hatt, Grand Mann, N.B.  Hillire Bourone, Lott, Riverport, N.S.  Hobert Hillir, M.O., Undan Point, N.S.  Hillire Bourone, Eel Brook, N.S.  Hillire Bourone, Eel Brook, N.S.  H
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Alpharetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

LISTE ALPHABÉTIQUE des navires à voiles inscrit dans les registres Maritines du Canada au 31 décembre 1917. Abbremanns threndoms: J.O., Joint owners propriétaires conjunts; M.O., Managing owner propriétaire gérant;

	8 GEORGE V, A. 1918
Built — Construit on Proprietary Owner, and Address.  Then are no pieds of 10°s.  Incomplete to the construction  Is a few and 10ths.  Incomplete to 10°s.  Incomplete to 10°s.	Edward S. Marryutt, M.O., Pennant, N.S. C. Gionet, Carnquet, N.B., Pennant, N.S. C. Gionet, Carnquet, N.B., Pennant, N.S. C. Gionet, Carnquet, N.B., Pennant, N.S. Theophilus Jucquard, Comean's Hill, N.S. James T. Hinds and William A. Smith, Kingston, Ont. J. McHoob, South Maryslavig, Out. J. McHoob, South Maryslavig, Out. J. McHoob, Sandh Maryslavig, Out. J. McHoob, S. Land, J. William A. Smith, Kingston, Ont. J. McHoob, S. Land, J. W. B. J. Mathewes, St. John, N.B. Raph Coless, Carnquet, N.B. Raph Coless, Carnquet, N.B. Lawrence, Langtal, Rand Mann, N.B. Leavence, Langtal, Rand Mann, N.B. Sanned-Breton, Martnett, N.B. Milliam Daly, Bathurst, N.B. Regionsin Loyandiere, West Arichat, N.S. William Daly, Bathurst, N.B. La Chee, Markersleb, N.B. La Chee, Markersleb, N.B. La Chee, Markersleb, N.B. Elies Dmesn, Notre Dane de Pierreville, Que, William Daff, McGersleb, N.B. Elies Dmesn, Notre Dane de Pierreville, Que, Arthur A. Paysant, Port Medway, N. S. Arthur A. Paysant, Port Medway, N. S. Win, C. Smith, M.O., Edwedburg, N. S. Win, R. Ganong, A. S. Stephen, N.B. Win, B. Ganong, A. Stiebhen, N.B. Win, B. Ganong, A. Stiebhen, N.B. Win, B. Ganong, A. Stiebhen, N.B.
Tonnage enregistré.	25
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Depth in feet and loths.  Profondeu en pieds et 10cs.	00000 0000 0000 00000000000 0000000000
Largeur en pieda et 10ce.	2927 2 782 25022885207778251 55 8 8 15850
Breadth in feet and 10ths.	3021 2 4x2 32022232321112200 30 8 8183200
Longueeur en pieds et 10cs.	23 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Length in feet and 10ths.	
Where Built. Lieu de construction.	Sand Point, N.S Sambro, N.S. Charquet, N. H. Thaket Wedge, N.S. Wilson's Breed, N.B. Anthered Island, Ont. Charget, N.S. Wilson's Breed, N.B. Charpellon, N.S. Esquimalt, B.C. Liverpool, N.S. Esquimalt, B.C. Liverpool, N.S. Charpobellon, N.B. Nutsadquan, Que Carapadan, Que Carapadan, Que Carapadan, N.S. Fort Dalhousie, Ont Carapadan, N.S. Port Dalhousie, Ont Carapadan, N.S. Buthuret, N.B. Green Point, N.B. Sorel, Que Prierreville, Q
Huilt—Construit en	100 100 100 100 100 100 100 100 100 100
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Port of Registry. Port d'enregistre-	Shelburne.  Glaiffar  (Takthum, N B  St. Anfrews  St. Anfrews  Kingston  Kin
Name of Ship Nom du navire	2065 Archelia Archeli
Official Number Numbro official	1366 2 Arelo   1266 3 Arelo   1266

J. Ernst & Son. Ltd., Mahone Bay, N.S., M.O. Tsunematsuo Adagi, Sucveston, B.C. Jose C. Cook, Grand Harbour, M.I., Que. Jose C. Cook, Grand Harbour, M.B., Que. Pacific Barge Co., Ltd., Victoria, B.C. The Barge Ireland Co., Ltd., Montreal, Que. Predk. S. Russell, Grand Mann, N.B. The Minster of Railways and Canals, Ottawa, Out. Jas. J. Durcan, Deve Cove, N.S. The Mortreal Transportation Co., Ltd., Montreal, Que. The Canadian Fishing Co., Ltd., Vancouver, B.C. Reland Bigelow, Canaing, N.S. L. Pectuck, Bonne Esperance, Labrador. The Canadian Fishing Co., Ltd., Vancouver, B.C. Gdward Bowell and Allan Melchan, Victoria, P.E.I. Albert Bay, West Dublin, N.S. Chas, W. Stowart, West Else, N.B. John Robertson, Rexton, N.B. J. Willard Smith, St. John, N.B. J. H. H. Bancroft, Grand Mann, N.B. Feter M. Nickreson, Chrick's Harbour, N.S. Perer M. Nickreson, Chrick's Harbour, N.S. Perer M. Nickreson, Chrick's Harbour, N.S. Perer M. Nickreson, Christe's Harbour, N.S. Perer Benjamin Clevchand, Buckingham, Que. Benjamin Clevchand, Bayswater, N.S.	The Canada Corundum Co., Ltd., Toronto, Ont.  Bermuda Steamship Co., Ltd., Vancouver, B.C.  The B.C. Mills Timber & Trading Co., Vancouver, B.C.  The B.C. Mills Timber & Trading Co., Vancouver, B.C.  Alox. Eastler, ed., Ld., South Vancouver, B.C.  E. Garo, Montmagny, Que.  British Columbia Canning Co., Ltd., London, Eng.  British Columbia Canning Co., Ltd., London, Eng.  Parish Columbia Canning Co., Ltd., London, Eng.  Frank L. Buckley, Vancouver, B.C.  Frank L. Buckley, Vancouver, B.C.  B.C. Transport Co., Ltd., London, G.B.  B.C. Transport Co., Ltd., London, G.B.  Geo. W. Dawson, Vancouver, B.C.  Charles M. Sullivan, Freeport, N.S.  Charles M. Sullivan, Freeport, N.S.  Charles M. Sullivan, Freeport, N.S.  Ghohn Brown, Public Lauding, N.S.  Rixon Ainslio Stoddart Co., Ltd., Owen Sound, Ont.	Frederick W. Bisser, Hulifax, N.S. Jos. Boudreault and Jos. Trumblay, J. O., Anse St. Jean, Que, John Stacey, Glace Bay, N.S. Canada Steamship Lines, Ltd., Montreal, Que. John O'Toole, Ottawa, Ont. Vancouver Machinery Depot, Ltd., Vancouver, B.C.
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Mahone Bay, N.S. Jeddore, N.S. Jeddore, N.S. Pinladelpin, Pa., U.S.A. Pinladelpin, Pa., U.S.A. Victoria, B.C. Buffalo, N.Y., U.S.A. Sorel, Que West Isles, N.B. Peterborough, Ont Beterborough, Ont Mills Platnout, Ont Mills Harbout, N.S. Yamaska, Que Mills Harbout, N.S. Yamaska, Que Mills Harbout, N.S. Lumenburg, N.S. Lumenburg, N.S. Lumenburg, N.S. Rett Jelse, N.B. Rett Isles, N.B. Rett Isles, N.B. Rett Isles, N.B. West Isles, N.B.	Barry's Bay, Ont. Now Westminster, B.C. New Westminster, B.C. New Westminster, B.C. Nemouver, B.C. St. Thornas, Que. Ladners, B.C. Vancouver, B.C. Vancouver, B.C. Vancouver, B.C. New Westminster, B.	Clementsport, N.S. Anse St. Jean, P.Q. Duncad's Cove, N.S. Hull, Que New Westminster, B.C. erer," and a steamer.
1916 1906 1906 1907 1837 1839 1839 1839 1839 1839 1839 1839 1839	1903 1903 1900 1900 1900 1913 1913 1912 1912 1912 1912 1913 1839 1839 1839 1839 1839 1839	1897 1916 1897 1881 1911
Sebredit Barge-Chd Sloop Barge-Chd Barge-Chd Barge-Chd Barge-Chd Barge-Chd Barge-Chd Barge-Chd Sebredit	Barge—Chd Scow—Chd Scow—Chd Scow—Chd Scow—Chd Scow—Chd Barge—Chd Scow—Chd Barge—Chd	oop argo
38242   Atacama   Lucenburg   138243   Atacia   Now Westminister.   13113   Atlainte   Guebee   11137   Atlainte   Guebee   11137   Atlainte   Guebee   11137   Atlainte   Guebee   11137   Atlainte   Guebee   111318   Atlainte   Guebee   111318   Atlainte   Guebee   111318   Auburn   Variouch   Variouch	116996 B.   Ottawa   Vancouver   125229 B. II   Nancouver   133723 B. No. 13   New Westminster. 133723 B. A. S. Co. No. 1   Vancouver	1981.39 B. et T   Annapolis Royal   Se   1381.39 B. et T   Quebec   1881.39 B. et T   B. Holland Halifax   Se   1880.86 B. Dennington   Outreal   Si   1879.86 B. Donaldson   Outrawa   B. 1364.89 B. Jax   Pormerly "Abaaa." Formerly "Montenly "Montenly "Abaaa."

LISTE ALPHABÉTIQUE des navires à voiles inscrit dans les registres Maritines du Canada au 31 décembre 1917. Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

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Owner or Managing Owner, and Addrws. Armateur ou propriétuire gérant, et adresse.	Francis Hugh Bell, Halifnx, N.S. John Galna and R. W. Danter, J.O., Parry Sound, Ont. Jondeau, Lanoraio, Que. Prefile Line Co., Idd., Yancouver, H.C. Jas. Byrno, St. Lawrence, Nild. H. F. Curaming and J. B. McMillan, J.O., Corawall, Ont. Wm. Lawlor, Hawkeebury, Ont. Contentor's Simply Co., Ltd., Ottawa, Ont. Conservice Steamskip Ke., Ltd., Ottawa, Ont. Conservice Steamskip Ke., Barge Co., Ltd., Vancouver, B.C. William Hope, Montreal, Que.	The Minister of Marine and Fisheries, Ottawa, Oat. Reynolds Harrington, et al., Sydney, N.S., M.O. The Maritime Drodging & Construction Co., Ltd., St. John, N.B. Geo, Hendshee, Holf Ishand Cove, N.S. Frank A. Swim, Clark's Harbour, N.S. James Taylor, New Glasgow, N.S. Admills Polancy, Howe Harbour, M.S. Herry Beavar, Grand Manna, N.B. Horry Beavar, Grand Mann, N.B. Chomis E. Robert, et al., Gaspo, Que. Robert Lorgie, M. O., Lorgicville, N.B Robert Lorgie, M. O., Lorgicville, N.B Robert Lorgie, M. O., Lorgicville, N.B National Packing Co., University B.C. C. Robin Collar, & Co., Ltd., Hallfar, N.B Thomas and William II alried, Montreal, Que. William H. Biden, et al., LO., Chatham, Onc.
Registered tonnago. Tonnngo enregistré.	101 101 103 103 103 103 103 103 103 103	190 190 197 197 197 198 198 198 198 198 198 198 198 198 198
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Where Built. Lieu de construction.	Habitar, N.S. Philadelphin, Pa. U.S.A. Kingston, Ond. Keroria, M.C. Kemebunk, Me. U.S.A. Hall, Que. Hall, Que. Hull, Que. Dunbarton, G. B.	Shelburne, N.S. Buth, Me., U.S.A. Inverpool., N.S. Mout Denison, N.S. Mout Denison, N.S. Guessport, N.S. Clarke's Harbour, N.S. Souris, P.E.I. Lunnenburg, N.S. Lunnenburg, N.S. Lannenburg, N.S. Lannenburg, N.S. Lengy's Point, N.B. Caraquet, N.S. Baray's Point, N.B. C.S. Montonia, N.S. Berry's Point, N.S. Perry's Point, N.S. Perry's Point, N.S. Perry's Point, N.S. Perry's Point, N.S. S.A. Annapolis Royal, N.S. Saraquet, N.S.
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Port of Registry. Port d'enregistre- ment.	Intifix  Toronto  Kingston  Vancouver  Artehat  Ottawn  Ottawn  Ottawn  Ottawn  St. Andrews	Ottawn Liverpool Barrington Passage St. John, N. B Arribh, N. B Arribh, N. B Arribtotown Chalottetown Charlottetown Charlottetown St. Ablews St. Adhey, N. B. Charlottetown St. John, N. B. Charlottetown St. John, N. B. Charlottetown St. John, N. B. New Westminstor Charlottetown St. John, N. B. New Westminstor Charlotten, N. B. New Westminstor Charlotten, N. B. Amapolis Royal Wallaceburg
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21 Elliot J. Lumsden, Murray Harbour, P.F.I. S51 The Governor General of Cranda, Ottawa, Ont. 31 Lanea Jerrier, Georgetown, P.E.I. 299 The Reid Wrecking Co. Ltd., Samin, Ont. 18 Richard J. La Rush, Kingston, Out.	<ul> <li>P. Calliehau, Caraquet, N.B.</li> <li>Joss. McGill, Sichlutner, N.S.</li> <li>Calliehau, Forbertson Ltd., Montreal, Que.</li> <li>Adolf LeClere and John LeClere, Caraquet, N.B.</li> <li>H.J. Davis, Kenora, Ont.</li> <li>Joseph Guertin, St. Joseph de Serel, Que.</li> </ul>	Michael Crispo, Harbour au Bouche, N.S. 99 Geo, M. Barr and F. J. Canning, St. Johns, Nfld. 100 Beapinnia Smith, M.O. Luneuburg, N.S. 11 (C. Duguay, Little Lamek, N.B. 38 Mrs. Lucy Boily, Baie St. Paul, Que.	13 Jos. Lachance, Isle aux Grues, Que. 10 Jehn C. Nickerson, M.O., Woods Harbour, N.S. 12 Wilfred S. Clattenbury, Port Medway, N.S. 21 F. Cautie, Marin, Que. Port Medway, N.S. 22 W. H. Dorgett, White Point, N.S. 23 W. H. Dorgett, White Point, N.S. 24 F. Cautie, Marin, Que. 25 W. H. Dorgett, White Point, N.S. 26 M. Scher Rood, Hallfax, N.S. 27 St., Loren Rood, Hallfax, N.S. 28 St., John Sulphite Pup Co., Ltd., Leven, G.B. 28 Ludson, L. Guptli, Lr. Grand Mannn, N.B. 38 Fred Ellis, Lepreuu, N.B. 38 Fred Ellis, Lepreuu, N.B.	Wm. M. Warner, Plympton, N.S. 20 James Wieburton, Glees Bay, N.S. 21 James Wieburton, Glees Bay, N.S. 22 James Wieburton, Glees Bay, N.S. 23 Laueree Williams, Masquodobolir Harbour, N.S. 24 Andrew H. Olsen, Port Hawkeebury, N.S. 26 Jonald Loggie, Church Point, N.S. 27 Benjamin Compton, et al., J.O., Bell River, P.E.I. 28 F. S. McLaughlin, Grand Manan, N.B. 29 Arsene Massicctte, Deschaillons, Que. 37 Samuel H. Pytel, Boylston, N.S. 38 Geo. B. Lockhart, New York, N.Y., U.S.A. 58 Geo. B. Lockhart, New York, N.Y., U.S.A. 59 Geo. B. Lockhart, New York, N.Y., U.S.A. 50 Geo. B. Lockhart, New York, N.Y., U.S.A. 50 Geo. B. Lockhart, New York, N.Y., U.S.A.	4 10 Mrs. Sarah Young and F. T. B. Young, J.O., Caraquet, N.J. B. T. British Yukon Navigation Co., Ltd., Vancouver, B.C. S. Hugh McKray, St. Stephen, N.B. G. Quinlan & Robertson Ltd., Montrent, Que. M. Kubitetib., Nanamo, B.C. C. B. G. Robin, Jones & Whiteman, Ltd., Halifax, N.S. B.C. Robin, Jones & Whiteman, Ltd., Halifax, N.S. B. Simoa Williams, Caraquet, N.B. G. M. Simoa Williams, Caraquet, N.B. G. M. S. L. Nickerson, Woods Harbour, N.S. B. J. E. Nickerson, Woods Harbour, N.S.
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Liste alphabétique des navires à voiles inscrit dans les registres Maritimes du Canada au 31 décembre 1917. Alphabetical List of Sailing Vessels on Registry Books in Canada December 31, 1917.

16bre intions - Prectitions - J.O., Joint owners - propriétaires conjoints; M.O., Managing owner - propriétaire gérant,

	8 GEORGE V, A. 1918
Owner or Managing Owner, and Address, Armateur on propriétaire gérant, et adresse.	Joseph Simard, M.O., Sto. Anne des Monts, Que.  Robin, Jones & Whitman, Ltd., Huffax, N.S.  Amie E. Stevens, Grand Manan, N.B.  J. Sewell, Carmynet, N.B.  T. M. Dakin and M. Urquart, Grand Manan, N.B.  Tobin, Jones & Whitman, Ltd., Halflax, N.S.  Aristic Monder, St. John, N.B.  Aristic Monder and Joseph Bomin, Lanoraic, Que, J.O.  George E. Holder, St. John, N.B.  Aristic Monder and Joseph Bomin, Lanoraic, Que, J.O.  George J. Foronthy, Charlottelown, P.E. I.  Alones & Whitman, J.G., Halflax, N.B.  Robert More, Orth Sydney, N.B.  Robert More, Orth Sydney, N.S.  Romain Miehels Godin, Mixonette, N.B.  Autrey G. Robb, Amheret, N.S.  Romain Miehels Godin, Mixonette, N.B.  Autrey G. Robb, Amheret, N.S.  Alex H. Lapounte, Grander Breggenomes, Que, Mart H. Lapounte, Grander Breggenomes, Que, George A. Cruickshanks, Sydney, N.S.  Mr. H. Lapounte, Grander Breggenomes, Que, Gyenner House, W. S. Loggie Co., Ltd., Windsor, N.S.  Sydney B. Smith, Vancourer, B.C.  Gypsun Facker Co., Ltd., Windsor, N.S.  Sydney B. Smith, Vancourer, B.C.  Gypsun Facker Co., Ltd., Chatham, N. B.  Lanes Moss, Dunwille, Onn. N. B.  Charles E. Britton, Ganadoque, Ont  Lollan McArn, Birshot, Que  Ganada Steamship Lines, Ltd., Montreal, Que.
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Longueur en pieds et 10m.	28 28 28 28 29 29 29 29 29 29 29 29 29 29 29 29 29
Eangth in feet and 10ths.	5
Where Built. Lieu de ronstruction	Ste. Anne, Que. Shelburne, N.S. Caraquet, N.B. Chre, N.S. Caraquet, N.B. St. John, N.B. St. John, N.B. Turket, Welge, N.S. Caraquet, N.S. Met Isles, N.B. Lunenburg, N.S. St. John, N.B. Luttle Brast d'Or, N.S. Conquerall, N.S. Ha Have, N.S. Lunenburg, N.S. Lunenburg, N.S. Lunenburg, N.S. Carand Manna, N.B. Grand Manna, N.B. Grand Manna, N.B. Grand Manna, N.B. Grand Manna, N.B. Schuth, M.B. Weer Bay City, Mach., S. Serf. Bay City, Mach., S. Serf. Bay City, Mach., S. Schuth, Merchant, N.S. Weer Bay City, Mach., S. Schuth, M. B. Sch
Built Construit on	1850 1850 1850 1851 1851 1851 1851 1852 1853 1853 1853 1853 1853 1853 1853 1853
Rig. Gréennent.	Sept Git
Port of Registry Port d'enregistre- ment	Charbottotown.  Charbottotown.  Charbam, N. B.  Bigby.  St. John, N. B.  St. John, N. B.  Andrews.  Montreal.  St. John, N. B.  Sydney, N. S.  Charbatte, N. S.  Charbatte, N. S.  Mandert, N. S.  Mandert, N. S.  Mandert, N. S.  Charbatte, N. S.  Charbatte, N. S.  Windersel, N. S.  Charbatte, N. B.  St. John, N. B.  Bownmantille  St. John, N. B.  St. John, N.
Name of Slip Nom-du-mayire	Blanche Alnıx Bohren M Thor Bohren M Thor Bohren M Thor Bohren M Thor Bluenove. Bluenove. Bluenove. Bluenove. Bohren Bohr
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SESSIONAL PAPER No. 22		
C. E. Whidden, Antigonish, N.S. Watter Webbe, Clam Bay, N.S. Michael J. O'Brien, Renfrew, Ont. Michael J. O'Brien, Renfrew, Ont. Michael J. O'Brien, Ronfrew, Ont. The Ottawa Transportution & Drodging Co., Ltd., Toronto, Ont. La Cle Generale of Entroprises Publiques, Levis, Que. Frank Ross, Quebec, Que. Chas, Kemedy, S.k. John, N.B. Daniel Ryder, Argylo, N.S. John, N.B. The Montreal Transportation Co., Ltd., Montreal, Que. B. M. LeBlane, et al., Meteghan, N.S. Algenna Dredging, Co., Ltd., Sault Ste., Marie, Ont. Albert Borquist, Nichosy, B.C. S. Doe, Victoria, B.C.	The Canada Corundam Co., Ltd., Toronto., Ont. Coulmbin Bitcliffele, Ltd., Vancouver, B.C. The Canadian Fishing Co., Ltd., Vancouver, B.C. The Canadian Fishing Co., Ltd., Vancouver, B.C. Charles Gagne, Grand Melits, Que. Canareno Lumber Co., Ltd., Vietoria, B.C. Cameron Pacific Rivey Co., Montreal, Que. Canadian Pacific Railway Co., Montreal, Que. Canadian Pacific Railway Co., Montreal, Que. Canadian Pacific Railway Co., Montreal, Que. Robin, Jones & Whitman, Ltd., Halifax, N.S. The C. S. Boone Dredging & Construction Co., Ltd., Toroato.	Connadian Sand & Gravel Co., Ltd., Montreal, Que. Connadian Sand & Son, Limited, Apple River, N. S. Charles T. White & Son, Limited, Apple River, N. S. Charles T. White & Son, Limited, Apple River, N. S. Charles T. White & Son, Limited, Apple River, N. S. Charles T. White & Son, Limited, Apple River, N. S. Charles T. White & Son, Limited, Apple River, N. S. Charles T. White & Son, Limited, Apple River, N. S. Charles T. White & Son, Limited, Apple River, N. S. S. Champon and W. W. Whito, Vancouver, B.C. William W. White, Vancouver, B.C. William W. White, Vancouver, B.C.
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\*\*Pormerly "Onyx", \*\*\* Permerly "S. & J. Collier." \*\*\* Foreign aame "Moravia." \*\* Foreign name "Two Brothers."

Alpharetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

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	8 GEORGE V, A. 1918
Owner or Manager Owner, and Address. Armsteur os propriétuire gérant, et adresse.	William W. White, Yancouver, B.C. J.C. MacDondel, Part Macolin, N.S. J.C. MacDondel, Part Macolin, N.S. The Ottawa Transportation Co., Ltd., Ottawa, Ont. Vincent Richard, Charlos Cove, N.S. The Ottawa Transportation Co., Ltd., Ottawa, Ont. Vincent Richard, Charlos Cove, N.S. Keenin Brook, Ltd., Owen Sound, Ont. Wilson II, Walters, M.O., Lad Have, N.S. The Brander, St. Jean Deschnillons, Que. The Ottawa Transportation Co., Ltd., Ottawa, Ont., N. Sallarer Smith, Gibraltar. T. Benndet, St. Jean Deschnillons, Que. The Ottawa Transportation Co., Ltd., Sydney, N.S. Goastal Dredging & Construction Co., Ltd., Sydney, N.S. Coastal Dredging & Construction Co., Ltd., Sydney, N.S. Coastal Dredging & Construction Co., Ltd., Sydney, N.S. Coastal Dredging & Construction Co., Ltd., Sydney, N.S. Thomas Simard, St. Mphonso de Chicoutimi, Que. Compagnie Etisene Dussault, Lovis, Que. Moose T. Kirk connell, Cyman Biane, Cayman Islands, B. W. Moose T. Kirk connell, Cyman Biane, Cayman Islands, R. The Gypann Packet Co., Ltd., Windsor, N.S. Canadian Northern Steamships, Ltd., Toronto, Ont. Narcase Paul, Soriel, Qua.
Registered tonnage.  Tonnage enregistré.	78-78-78-78-78-78-78-78-78-78-78-78-78-7
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Largeur en pieda et 10°a. Depth in feet und 10ths.	© − 2 ∪ 0 − + + Ф ∪ 0 0 + 2 × 2 × 4 × 4 × 4 × 4 × 4 × 4 × 4 × 4 ×
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Length in feet and 10ths.	25
Where Built. Lieu de construction.	Vancouver, B.C. Nacouver, B.C. Nacouver, B.C. Lunenburg, N.S. Lull, Que Claveland, O. U.S.A. Lunenburg, N.S. Meteghan River, N.S. Perroville, Que Garaquet, N.S. Perroville, Que Garaquet, N.S. Port Mothand, N.S. Longen Point, Que Contagonish, N.S. Longer Point, Que Contagonish, N.S. Buffulo, N.Y. F.S.A Port Mann, B.C Port Mann, B.C Port Mann, B.C Cherzsetcook, N.S. Chrastegook, N.S.
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Namo of Ship.	C. W. 5 C. W. Malters C. A. Chesholm C. A. Walters C. Murro C. J. Murro C. J. Mall C. M. Malters C. M. Malters C. W. Malters C. W. Manes C. Webern C. Richard C. Webern C. Webern C. Webern C. Malter C.
Office al	18329 18379 18379 18775

SESSIONAL PAPER No. 22	
	Montreal Sand & Gravel, Ltd., Montreal, Que- Robin, Jones & Whitman, Limited, Halifax, N.S.
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Blaadlord, N.S. St. Jean Doesbaillons, Que- Bristol, R.I., U.S.A. Cataquet, N.B. Mahone Bay, N.S. Lamedburg, N.S. Lamedburg, N.S. Cataco, N.B. Skieburne, N.S. Skieburne, N.S. Land Have, N.S. Land Have, N.S. Lord Hastings, N.S. Port Hastings, N.S. Country Harbour, N.S. St. Jean Doeschaillons, Que- San Francisco, Cal., U.S.A. St. Lean Doeschaillons, Que- Land Hamilton, Out- Caraquet, N.B. St. Lean Doeschaillons, Que- San Francisco, Cal., U.S.A. St. Lean Doeschaillons, Que- Land Hamilton, Out- Caraquet, N.B. St. Coorre, N.B. St. Coorre, N.B. St. Charaquet, N.B. St. Pierre, Mid. Land Have, N.S. Landenburg, N.S. Lorver Caraquet, N.B. Story Point, Ont Landaro, N.S. Caraquet, N.B. Tasket Wedge, N.S. Sorrel, Que- Sorrel, Que- Sorrel, Que- Sorrel, Que- Sorrel, Que- Niver Pore, Ont	
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Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Alpharetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

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Owner or Mnnaging Owner, and Address. Armateur ou propriétuire gérant, et adresse.	W. J. Poupore, Westmount, Que. Frank Whilsh, North Sydney, N.S. The C. S. Boone Dredging & Construction Co., Ltd., Forento, Ont. Joseph Ward, Yarmouth, N.S. The Cleveland Surnia Saw Mill Co., Ltd., Sarnia, Opt. A. Boullinne, Bergeronnes, Que.	A. Wentherbie and J. T. Martaul, Tatanagouche, N.S. Peter A. Pheriault, Relivenu's Cove, N.S. W. H. Elridge, M. O., Sindy Cove, N.S. C. R. Hupanan, M. O., Sumareville, N.S. Philip and Clarke Boudret, Poulanon, N.S. Mrs. Surah Young and F. T. B. Young, J. O., Caraquet, N.B. Joseph Wilson, Montreal, Que. Toba Cassidy and Wm. A. Reid J. O., Westville, N.S. The French, River & Nipissing Nav. Co., Ltd., Sturgeon French, River & Nipissing Nav. Co., Ltd., Sturgeon	A. J. and A. G. Auger, J.O., Quebec, Que. Morgina Inndrigna and G. C., Harris, Grand Bank, Nfld. Patick E. Aucoin, Cheticamp, N.S. Warren S. Sollows, Port Mattland, N.S. The Uper Ottawa Improvement Co., Ltd., Ottawa, Out, Gained River Transportation Co., Ltd., Blind River, Out. John E. Moore, St. John, N.B.	The Minister of the Naval Service Ottawa, Ont. The C. Robin, Colles Co., Ltd., Halilax, N.S. Matthew R. Morrow, Halilax, N.S. Benjamin A. Patterson, et al., Cakville, Ont. A. F. Stonema, Yarmond, N.S. Randall Merriam, Port Greville, N.S. Corporation of the City of Toronto, Toronto, Ont.
Топпаде ептедізете.		75 5 7 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	365 79 10 27 260 260 72	123 11 11 11 162 47 47
Profordeur en pieds et 10es.	000 400	4000 4 4000	10000000000000000000000000000000000000	10 0 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Largeur on pieds et 10ce. Depth in feet and 10ths.	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	255 255 255 255 255 255 255 255 255 255	25 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	26 9 12 3 12 3 20 8 30 6 30 6
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Bult Construit en.	1889 1908 1911 1908 1884	1851 1851 1851 1858 1858 1860 1860	00000000000000000000000000000000000000	1905 1893 1893 1906
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Port of Registry. Port d'enegistre- nient	Ottawa Archat St. Catharnes Yarmouth Samia	Digb. Weymouth Weymouth Shelborne Arichat. Chatham, N. B. Ottawa. Ottawa.	Queber. Shelburne Fort Hawkesbury. Digby Ottown Toronto St Cabarnees St John, N.B.	Thomey Ottawa (Chutham, N.B. Haldax (Toronto, Yarmouth Digby, e.No. 2 Toronto.
Name of Ship.		Charles Inskell. Charles Therault Charles Therault Charles Richardson. Charlotte Charlotte Charlotte Charlotte Charlotte Charlotte Charlotte Charlotte	Cherokov Cherokov Chetrosamp. Chevoux Chevoux Chevoux Cheldi	Christiaa Chum Chum Cheinatti. Circasana Cutizea
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SESSIONAL PAPER No. 22		
Albert Henderson, Grand Harbour, Grand Manan, N.B. Pierre Levesque, Trois Pistoles, Que, Miss Blanche McGee, Back Bay, N.B. Win, Hand, Port Dalhousie, Out, Wins, Hand, Port Dalhousie, Out, Wins, Hand, Port Dalhousie, Out, F. Thompson, Clarke's Harbour, N.S. George M, Traban, Meteghan, N.S. Charles Doucet, Chedricamp, N.S. Win, J. Morse, Grand Mann, N.B. J. Norman Rafuse, M.O., Port, Latour, N.S. J. Norman Rafuse, M.O., La Have, N.S. J. Norman Rafuse, M.O., Port, Latour, N.S. Stannage Walters, Lathave, N.S. Antonine Perry, Peterville, P.E.I. The Cleeve Canning & Cold Storage Co., Ltd., Vancouver,	The Cleeve Canning & Cold Storage Co., Ltd., Vancouver, B.C. R. Cleeve Canning & Cold Storage Co., Ltd., Vancouver, B.C. R. A. Cameron, St. John, N.B. Sidore Porier West Arichtt. N.S. Wm. E. Smith, et al., Lunenburg, N.S. Geo. H. Gooderhan, Toronch, Out. Philippe Johy, St. Anne de Sorel, Que. H. Bostarache, Buctouche, N.B. Alphonse Dersousiere, Lancing, Que. The "Cobledick Dredge No. I" Co., Ltd., London, Eng.	Montreal Transportation Co., Ltd., Montreal, Que. Murdock A. McDenald., South Cove, N.S. Win. Q. Stobo, Quebec, Que. Phileas Bouliano, Tadousac, Que. Chias, and Elie Ducbene, J. O., St. Irénée, Que. Quinlan & Robertson, Ltd., Montreal, Que. John J. Sangster, Guysboro, N.S. Thomas Davidsa and Giverge T. Dixon, Fortune, Nfld. The Columba Packing Co., Ltd., Vanceuver, B.C. Banjamin Tett, Badford Mills, Ont. Lemuel C., Lines, Cape 1s., N.S. Thomas Carter, Red Head, N.B. Herbert, Little and Jamost Little, Terrence Bny, N.S. Geo. Windsor, Bathurst, N.B., N.B. Herbert Little and Jamost Little, Terrence Bny, N.S. Geo. Windsor, Bathurst, N.B. A. Compagnie Générale d'Entreprises Publiques, Lévis, Que. La Compagnie Générale d'Entreprises Publiques, Lévis, Que.
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North Head, Grand Manan, N.B. Tonawanda, N.YU.S.A. Kanouraska, Que. Friendship, Me. U.S.A. Bask Creek, Ont. Clarke's Harbour, N.S. Grand Manan, N.B. Grand Manan, N.B. Have, N.S. La Have, N.S. La Have, N.S. La Have, N.S. Clarke's Harbour, N.S. Tamerte Island, N.S. Clarke's Harbour, N.S. Tamerte Island, N.S. Clarke's Harbour, N.S. Tagnish, P.E.I. New Westminster, B.C.	New Westminster, B.C New Westminster, B.C Rexton, N.B. West Arichat, N.S. Lunenhurg, N.S. New York, N.Y., U.S.A. St. Thomas, Quo. Rexton, N.B. Buffato, N.Y., U.S.A. Lytton, B.C.	Kingston, Ont.  Guebee, Que Chicoutimi, Que Chicoutimi, Que Sasay, Masa, Sault Ste, Mario, Ont Barrington, N.S. Lunchurg, N.S. Steveston, B.C. Barrington, N.S. Steveston, B.C. Tusket Wedge, N.S. Cormvallis, N.S. Perreaux, N.S. Perreaux, N.S. Perreaux, N.S. Perreaux, N.S. Lauzon, Que
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St. John, N.B.  St. Catharines Quebee. St. Andrews St. Catharines Digby. St. John N.B. Yarnouth. Charlotterown St. Andrews St. Andrews St. Andrews Harrington Passage. Lunenburg. St. John, N.B. Yarnouth. Charlenthurg.	New Westminster Vancouver St. John N.B Arichat Lunenburg Foroito Toroito Chatham. N.B Ottawn Ottawn	Montroal.  Port Hawkesbury.  Quebec.  Quebec.  Quebec.  Canso  Kingston  Ringston  Quebec.  Quebec.  Quebec.  Quebec.  Chestham, N.B.  Sh''. 2Formerly ''I
9265 Clam Shell 5586 Clam Shell 6586 Clam A. Bener. 107304 Clam A. Bener. 12820 Clare Lass. 18820 Clarence Trahan. 8234 Claribell. 8234 Claribell. 67506 Clarise and Myrtle. 10706 Clarise Lockum 11831 Clayton W. Welters. 11891 Clayton W. Welters. 11804 Clavel.		19355   Cobourg   No.1.   Schr—Git   S5392   Colibri   Coloris
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Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

theremones thereinflows: J.O., Joint owners propriétaires conjoints; M.O., Managing owner propriétaire gérant.

Owner or Manuging Owner, and Address. Arnateur ou propriétaire gérant, et adresso.	Thos. Moulton, Burgeo, Nild. Montreal Transportation (°o., Ltd., Montreal, Que. Jas. If. Malkev, Malkeville, N.S. Frank K. Warree, Hollinx, N.S. Arthur R. Barrow, Hill Island, B.C. Algoma, Dredging Co., Ltd., Sault See, Marie, Ont. Genol Chemica, Caraquec, N.B. The Grand Porker Consolidated Mining, Smelting & Power Co., Ltd. Grand Forks, B.C.	Constwing Streamship & Bargo Co., Ltd., Vancouver, B.C. R. Harrington, Sydday, N.S. Loba S, Wells, Whitehaven, N. S. Horree B, Myers, Mayville, Kingston, Jamaien, and AH. S. Leare, Losse, Lordow, I.O.	II. R. Fowler and W. J. Kivell, Port Credit, Ont. Abram Depres, M. O. Grindston, Maghiken Islands, Que. E. Biberon, Petito Rivière Charlebois, St. Francois, Que. Robert R. Mieler, Parry Sound, Ont. Robert R. Mielerman Charleman, M.B.	Robin, Jones & Whitman, Ltd., Huldinx, N. S. S. V. Melnason, et al., Granville, N.S. George Landry, Cannes, N.S. Gronge Landry, Cannes, N.S. T. Ahier, Shippigan, N.B.	The Mostreal Transportation Co., Ltd., Montreal, Quo. Jucques Singeleils, ir., Les Escoumains, Quo. T. Mills, Kingeton, Ont. John Strong, Port Eigin, Ont. John Strong, Port Eigin, Ont. Garley, P.Q., Isaloom Co., Ltd., Hantsport, N.S., Richard H. Brown, Sydnoy Mines, N.S., Joseph Belleonanian, M. O., Chezzetcook, N.S., T. C. Cook, Fort Mulgrave, N.S.
Registered tonnage. Tonnage entegistre.	22 567 51 42 13 209 111	922 49 16 04	278 278	282282	411 37 266 57 57 89 10 10
Depth in feet and 10ths.  Profondeur en pieds et 10	047467	13 0 6 3 5 0	000 1000 1000 1000 1000	2000 2000 2000 2000 2000 2000 2000 200	11.0 6.0 6.0 6.0 6.0 6.0 6.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7
Largeur en pieds et 100.	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	41 0 18 9 13 5 21 0	113 0 117 4 117 0 112 0	12 0 0 1 1 2 0 0 0 1 1 2 0 0 0 1 1 2 0 0 0 1 1 2 0 0 0 1 1 2 0 0 0 1 1 2 0 0 0 1 1 2 0 0 0 1 1 2 0 0 0 1 1 2 0 0 0 1 1 2 0 0 0 1 1 2 0 0 0 1 1 2 0 0 0 0	100 + 62 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Longueur en pieds et 10es.	\$20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	196 0 67 2 44 8 75 0		00000	22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
ei Length in feet and 10ths.					77:::::::
Where Built. Lieg de construction.	Chezzeteook, N.S. Montreal, Que. Essex, Mass. F.S.A. Grosses Coques, N.S. Victoria, B.G. Cheveland, O. U.S.A. Caraquet, N.B.	Port Coquithm, B.C. Bath, Me., U.S.A. Beckerton, N.S. Shelburne, N.S.	Onkvillo, Ont. La Have, N.S. St. Paul's Bay, Que. Marine City, Mich., U.SA Aldunne, N.B.	Papebnac, Que. Sable River, N. S. Essex, Mass, U. S.A. Les Ebodlements, Quo. Caraquet, N. B.	Kingston, Ont.  I.es Escoumains, Que.  I.es Escoumains, Que.  Port Burwell, Ont.  Ilenar Gruse, P.Q.  I.over Selmuh, N.S.  Port Hawkesbury, N.S.  Port Ilawkesbury, N.S.
Built-Construit en.	1873 1888 1888 1807 1904 1913	1914 1867 1904 1905	1874 1902 1907	1902 1879 1879 1893	1900 1905 1915 1905 1915 1905 1915 1905 1915 191
Rig. Gréenwat.	Schr—Glt Bargo—Chd Schr—Glt Bargo—Chd Dredge—Dregue Schr—Glt	Sehr-Glt Sehr-Glt Sehr-Glt	Sebr-Git		Barge-Chd. { Sloop. Barge-Chd Barge-Chd Schr-Glt Schr-Glt Schr-Glt Schr-Glt Schr-Glt Schr-Glt Schr-Glt
Port of Registry. Port d'enegistre- ment.	Halilax Montreal Richibacto Weymouth Victoria Sault Ste, Mario Chatcham, N B	New Westminster. Halifax Halifax Digby.	Oakville. Magdalen Islands Quebec. Port Hope. Chatham, N.B.	Harrington Passage Barrington Passage Charlottetown Quebre Chatham, N B	Montreal. Quobec Kingston Kingston Quebec Matthan Port Itankesbury.
Name of Ship. Nom da navire.	Condor Conductor Conductor Constances Constances Constances Contendental Contractor Cont	Corn Lee		Coronalia Coronalia Corporal Trim. Corran	Coteau. Courageux Crafteman. Crafteman. Crafteman. Crafteman. Crase Island Croset. Croset. Croset. Croset. Croset.
Official Number Number otherel	74077 92553 116651 116413 116413 1133911	134/51 103535 116734 116236	1262	97575 1975 1975 1975 1975 1975 1975 1975	9656 N1295 1127 10034 10032 10

SESSIONAL PAPER N	5. 22
dos, Boyd, Campobello, N.B. Alphones Labreque, Lamorsie, Que, Facklein G. Warde, Harrison Hot Springs, B.C. Adolphe O. D'Entremont, Pubnico, N.S. Mrs. and Mr. Thos. E. Worthen, Barrington, N.S. Herbort, Krometh and Percival Moison, J.O., Montreal, Que, Choisson, Island River, N.B. Glyn Osler and Miller Lash, J. O., Toronto, Out. The Martitine Drouging & Construction, Co., Ltd., St. John, N.B. E. Sivre, Caraquet, N.B. E. Sivre, Caraquet, N.B. E. Sivre, Caraquet, N.B. Edward Kolly, Wallaceburg, Ont.	
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St. Androws, N.B. Lingston, Ont. Harrison Hot Springs, B.C. I.a. Have, N.S. Land Have, N.B. Shippingan, N.B. Shibpingan, N.B. Shibpingan, N.B. Toronto, Out. Caraquet, N.B.	nion, B.C.  ort William, Ont.  ort Arthur.  or
1886 1875 1906 1915 1875 1899 1914 1914 1887 1887	1899 1990 1990 1990 1990 1990 1990 1990
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St. Andrews.  Montreal. Vancouver. Lamerbure. Chatham, N.B. Burrington Passuge. Catchin, N.B. Fronto. Chatham, N.B. Fronto. Chatham, N.B. St. John, N.B.	
82990 Crusoc. 71153 Cuba. 71153 Cuba. 137871 Cupola. 161407 Curlew. 116215 Curlew. 116215 Curlew. 116215 Curlew. 116216 Curlew. 116216 Curlew. 116216 Curlew. 116217 Curlew. 116217 Curlew. 116319 Curlew. 116319 Cythin W. 116319 Cythin W. 116319 Cythin W. 116311 Cythin W. 116318 Cythin W.	2821 Crart No. 1. P.
88290 71122153 122153 137251 116215 116215 116215 116215 1160916 126714 100971	107821 130836 130836 116375 116375 116376 116376 116376 116376 130831 13

8 GEORGE V, A. 1918

Liste althorétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917. The revalence . Iderications: J.O., Joint owners - propriétaires conjoints; M.O., Munaging owner propriétaire gérant.

1	8 GEORGE /		
		O Sign	
	Owner or Manuger Owner, and Address. Arranteur ou propriétaire gérant, et adresse.	J. E. Lloyd, Brighton, N.S., and J. H. Walker, Walkevyille, N.S., and J. H. Walker, Walkevyille, N.S., and J. H. Walker, Solomon Zinek, Blandford, N.S., and J. H. Walker, Edward Transportation Co., Ltd., Montreal, Quo. The Capital Sind & Briek Co., Ltd., Ottawa, Ont. Maller D. Wilson, Lormwellie, N.B., Daniel Getsen, M. O., Ladlawe, N.S., Charles Shauwhite, Terenca Bay, N.S., The David Davidson, Peretanguishene, Ont. The David Byunday, Ltd., Toronto, Ont., Chas, L. Currier, Upper Gagetown, N.B., Lomis Gauthine, Sc. Lfeffe, Que. Stanley, B., Elfis, M. Turmouth, N.S., Colder, Campobello, M.B., S. Martys, N.S., Wanner, L. Luch, Richard, Tusket Wedge, N.S., Benimmin Csok, M.O., Rose Bay, N.S., Benimmin Csok, M.O., Rose Bay, N.S., Mr. Merch Ladlias, N.S., Mr. Merch Ladlias, N.S., Mr. Merch Ladlias, N.S., Mr. Bertie Leslie, Hallias, N.S.	Allan J. Wheaton, St. John, N. B. Chas, Abriel, Spry Bay, N. S. David Davidavan, Teganish, P. B. I. David Davidson, Penetanguishene, Ont. John W. Barter, Canning, N. S. Oomninon Dredging, Co., Ltd., Ottawa, Ont. Charles Scott, Indian Harbour, N. S.
	Registered tonnage. Tonnage enregistre.	01	255 287 305 305 11
	Prolondeur en pieda et 100a.	45 500000000000000000000000000000000000	32 32 32 32 32 32
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	Longth in feet and 10ths.  Longueur en pieds et 10 <sup>69</sup> .	600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	56 0 56 0 44 4 47 0 1178 3 100 0 36 0
	Where Pailt.	Green Inribour, N.S	Greenwich, N.B. Salem, Mass. U.S.A. Illemeburg, N.S. Penerangushtee, Ont. Kempt, N.S. Welland, Ont. Tancook, N.S. Tancook, N.S.
	Built-Construit en	18.50 18.50	1900 1802 1803 1908 1908
	Rig.  Gréement.	schr-Git sch	Sehr-Git Schr-Git Schr-Git Houseboat Dredge Drigus Schr-Git
	Port of Registry. Port d'enregistre- ment.	Shelburno Luverpool Luneaburr. Montreal St. John N B Luneaburg Narmouth Raiffax Percon. N.S Victoria St. John, N B Victoria St. John, N B Toronto St. John, N B Marmouth Coronto St. Lohn, N B Marmouth Current St. Landrews Luneaburg Varmouth Varmouth Varmouth Varmouth Varmouth Varmouth Varmouth Varmouth Varmouth Luneaburg Varmouth Varmout	St. John, N. B St. Andrews Charlottetown. Towndo. Windsor, N. S. St. Catharines. Lunenburg.
	Name of Ship.	Darsy Vaughn Darsy Z Dakotz Dashotz Dandy Dandy Dandy Dandy Dandy Dandy Dandy Dandy David Cotson Darro Darro Darro Darro David Delman	Della B. Delta Delta Delta. Delver No. 1 Denton S.
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Harbour Commissioners of Mantreal, Montreal, Que- George F. Francklyn, F., Halffur, N.S. Arthur and Wilfred Forest, J.O. West Arichat, Montreal, Gan- Manna H. Fiske, Lookeport, N.S. Arthur and Wilfred Forest, J.O. West Arichat, N.S. Adelard Chevrier, St. Joseph de Sorel, Quo. W. Martell, Main-A-Diou, N.S. Sidney Camaing Co., Ltd., Sidney, B.C. Cerl, F. M. Mitchell, Jedlore, N.S. Gerl, F. Wangh, East Wallace, N.S. Gerl, F. Wangh, East Wallace, N.S. Gerl, F. Wartell, Jedlore, N.S. Gerl, F. Wartell, M. W. S. Loggie Co., Ltd., Chutham, N.B. Hebrer Berguis, Violoria, B.C. G. R. Pearson, Halifax, N.S. Gerl, F. Wattell, Campoledo, N.S. Hebrer Berguis, Violoria, B.C. G. H. Werdes, Order H. B.C. G. H. Merdes, Order H. B.C. G. H. Merdes, Onexquet, B.C. G. H. Merdes, Onexquet, N.S. Gidson, Professon, Charles Co., Ltd., Lachine, Don, Domision Bruging Co., Ltd., Lachine, Quo. Gilbert B. Fouchaire, Ottawa, Ont. Domision Bruging Co., Ltd., Port Arthur, Ont. Gilbert B. Fouchaire, Ottawa, Ont. Domision Coal Co., Ltd., Sydney, N.S. The Great Lakes Dredging Co., Ltd., Port Arthur, Ont. Gilbert E. Fouchaire, Ottawa, Ont. Domision Coal Co., Ltd., Montreal, Que. Gilbert E. Fouchaire, Ottawa, Ont. Domision Coal Co., Ltd., Montreal, Que. Gilbert E. Fouchaire, M.D., Lanenburg, N.S. J. P. Cortern, M.O., Lalluwe, N.S. Hohn, J. Goodwin, Yieteria, B.C. Gilbert E. Fouchaire, M.D., Lanenburg, N.S. J. P. Cortern, M.O., Lalluwe, N.S. Hogh Corelan, M.O., Lalluwe, N.S. Honny, Ardaras, M.O., Lanenburg, N.S. Honny, Ardaras, M.O., Lanenburg, N.S. Honny, M. Merkezie, Torono, Ont. Groba, Mattered Trunsportution, Led., Montreal, Que. Honny, M. McKenzie, Conso, N.S. John, J. McKenzie, Conso, N.S. John, J. Markersi, Toronto, Ont. Thomas, Toronto, Ont. Thomas, Toronto, Ont. The Condensin, M.O., Lanenburg, N.S. John J. Goodwin, M.S. J	
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Liste althanérique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Alternative List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

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	8 GEORGE V, A. 1918
Owner or Managing Owner, and Address. Armateur on prapriétaire gérant, et adresse.	John Tharmbill, Grand Banks, NRd.  John Tharmbill, Grand Banks, NRd.  Joseph N. Sierty, M. O., Jan Have, N.S.  The Draval Island Sarvice Co., Ltd., Montreal, Que., Joseph R. Feirjava, Ray of Islands, N.S.  T. Abier, Shippigua, N.S.  T. Abier, Shippigua, N.S.  Jas. T. Burchell, Port Morien, N.S., and Angus Campbell, Righers, Prorato, N.S.  John B. Russell, Toronto, N.S.  John S. Russell, Toronto, N.S.  Reuber Shith, Little Brus d'Or, N.S.  Reuber Shith, Cape Saible Island, N.S.  Ha Mownan, et al., Solutanton, Out.  The Great Lakes Dredging Co., Ltd., Port Arthur, Out.  Jananus Cohen, Montreal, Que.  Jellon Bross, J. O., Corawall, Ont.  Harbour Commissionners of Montreal, Montreal, Que.  The Great Lakes Dredging & Construction Co., Ltd., Sault Ste. Marie, Ont.  The Great Lakes Dredging & Construction Co., Ltd., Sault Ste. Marie, Construction Commissionners of Montreal, Port Arthur, Ont.  The Great Lakes Dredging & Construction Co., Ltd., Sault Ste. Marie, Construction Co., Ltd., Port Arthur, Ont.  The Great Lakes Dredging & Construction Co., Ltd., Foronto, Out.  The Canadian Dredging & Construction Co., Ltd., Toronto, Out.  The C. S. Boone Dredging & Construction Co., Ltd., Toronto, Out.  The C. S. Boone Dredging & Construction Co., Ltd., Toronto, Out.
Tonnage enregistré.	100 100 100 100 100 100 100 100 100 100
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Longueur en pieds et 10es. Breadth in feet and 10ths.	1
Length in feet and 10ths.	207 207 207 207 207 207 207 207 207 207
Where Built. Lieu de construction.	schr—Git 1916 Shelburne, N.S. Schr—Git 1915 Shelburne, N.S. Schr—Git 1915 Shelburne, N.S. Schr—Git 1916 Lancabure, N.S. Schr—Git 1916 Shelburne, N.S. Schr—Git 1917 Shelburne, N.S. Schr—Git 1918 Fornato, N.B. Schr—Git 1918 Fornato, On. Sc
Built-Construct en	1911 1911 1911 1911 1911 1911 1911 191
Rig. Gréement.	schr-Glt Sch
Port of Registry. Port d'enegistre- ment.	Shelburne  Lancaburg,  Montreal  Chathan, N. H.  Haldan  Sydney, N. S.  St. Andrews  St. John, N. H.  Hallan  Fort Arthur  Port Arthur  Sault Ste. Marie  Sault Ste. Marie  Sault Ste. Marie  Owen Sound  Sault Ste. Marie  Sault Ste. Marie
Name of Ship. Non-du-navire.	3234 Dorothy Meltra 3344 Dorothy P. Sarty. 1850 Dorothy P. Sarty. 3448 Doroths H. Concal 3448 Doroths H. Concal 3448 Dove. 1743 Dove. 1745 Dove. 1755 Dread Not. 1755 Dread Mark H. 1785 Dread anakh. 1785 Dread anakh. 1785 Dread anakh. 1797 Dreage Barraton. 1710 Dreage Barraton. 1710 Dreage No. 1. 1710 Dreage No. 3. 1710 Dreage No. 5. 1721 Dreage No. 5. 1732 Dreage No. 5. 1733 Dreage No. 5. 1734 Dreage No. 5. 1735 Dreage No. 5. 1735 Dreage No. 5. 1737 Dreage No. 5. 1738 Dreage No. 5. 1739 Dreage No. 5. 1731 Dreage No. 5. 1731 Dreage No. 5. 1733 Dreage No. 7. 1734 Dreage No. 7. 1735 Dreage No. 7.
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SES	SIONAL P	APER No. 22		
4   The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.	Stattt,	HOG KENENENENENENENENENENENENENENENENENENEN	Toronto, Unt. Canada Steamship Lines Ltd., Montreal, Que. Montreal Transpertation Co., Ltd., Montreal, Que. Dominion Fish Co., Ltd., Wimipeg, Man. Albert E. Hickman and the Smith Co., Ltd., St. Johns, Nfld. Alex. C. Fraser, Rexton, N.B.	Edward Cook, Vancouver, B.C. Evans, Coleman & Evans I.dd., Vancouver, B.C. Evans, Coleman & Evans, I.dd., Vancouver, B.C. Edmund E. Higgins, Eburne, B.C. Edmund E. Higgins, Eburne, B.C. Arthu Ladore and Arthur Belunger, J.O., Lachine, Que. Mrs. Mercisse Paul, Verdun, Que. Mrs. Marson, St. John, N.B. H. J. Marson, St. John, N.B. Bercy Foot, et al., Seuver Harbour, N.B.
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Dredge No. 15   Port Arthur		Drucilla May   Halifax   Brucilla May   Brucil   Bryle   Bry	112207   Duadurn.   Hamilton   103250 Dunmore.   Montred.   Minnpeg.   103384 Duarcoln.   Winnpeg.   17855 Duaure.   Sydnoy, N.S.   17624 Dwina.   Richibucto.   17624 Dwina.   17624 Dwin	E. C. No. 1. Vancouver E. C. No. 2. Vancouver E. C. No. 3. Vancouver E. C. No. 3. Vancouver E. C. No. 1. Vancouver E. C. E. I. Vancouver E. C. E. No. 10. Vancouver E. C. E. No. 10. Vancouver E. C. E. No. 11. Vancouver E. C. E. No. 11. Vancouver E. C. E. No. 12. Vancouver E. C. E. No. 14. Vancouver E. C. E. No. 15. Vancouver E. C. E. No. 15. Vancouver E. C. E. No. 15. Vancouver E. C. E. No. 16. Vancouver E. C. E. No. 17. Vancouver E. C. E. No. 18. Vancouver E. C. E. No. 19. Vancouver E. C. E. No. 19. Vancouver E. C. E. No. 19. Vancouver E. H. H. II. New Westmin E. H. H. McO. No. 1000 Montreal E. H. 11. New Westmin E. A. I. Lombard E. A. I. Lombard E. A. I. Lombard E. A. Lombard E. A. Salbean Se. John, N. B E. B. Marvin Halfitz, merly str. "Pere Marquette II."
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Alphanetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

Liste alphanérique des navires à voiles inscrits dans les registres marítimes du Canada au 31 décembre 1917. Abbrenations - Undertalions: J.O., Joint owners - propriétaires conjoints; M.O., Managing owner - propriétaire gérant.

		0 0E0110E 1, A. 1010
	Owner or Manuging Owner, and Address. Armateur on propriétaire gérant, et adresse.	Edmund Walters, M.O., La Ilave, N.S., Wm. Cruickshank, New Westmanster, B.C., John A. Munn, Marray River, P.E. I. Graeck G.O., Ltd., Montreal, Que. Schopen Standard, Montreal, Que. Schopen Brandsy, Toronto, Out. Robe, Crawlords, Toronto, Out. Robe, Crawlords, Kingston, Out. Heavy J. Humm, London, Eng. Heavy J. Humm, London, Eng. W. W. Stover, Souther, Out. Mrs. Amo Plukrins, Dipper Harbour, N.B. Heavy J. Humm, London, Eng. W. W. Stover, Souther, Out. Mrs. Amo Plukrins, Dipper Harbour, N.B. Thoretway, Transportation Co., Ltd., Ottawa, Ont. Emile Charland, Montreal, Que. N.B. B. Merrian, Parkshori, N.B. B. E. Merrian, Parkshori, N.B. S. Margul, Lista Pover, N.S. M. S. Magrall, East Dover, N.S. M. S. Magrall, East Dover, N.S. Angent, Lindourg, N.S. Geo, H. Bissett, River Hourgeaise, N.S. Henry A. Amiro, Plannov, N.S. Joseph R. Homer, Barrington Passage, N.S. Henry A. Amiro, Yarnouth, N.S. L. B. Chemetts, Nurrouth, N.S. L. B. Chemetts, Nurrouth, N.S. L. Monker, Walkery Illoffung Co., Ltd., Montreal, Que. The Canada Sugar Redining Co., Ltd., Montreal, Que. The Canada Sugar Redining Co., Ltd., Montreal, Que.
c	Tonnage enregistré.	100 100 100 100 100 100 100 100 100 100
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1	Largeur en pieds et 100.	000000000000000000000000000000000000000
	Longueur en pieds et 10es.   Breadth in feet and 10ths.	
	Length in feet and 10ths.	200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	Where Built. Lieu de construction.	La Have, N.S. Fairbaven, Wish., U.S.A. Mahone Bay, N.S. LaHavo, N.S. Lahavo, N.S. Hantsport, N.S. Port Dalhousie, Unt Advocate Harbour, N.S. New Westminster, B.C. Niew Westminster, N.S. Lanenburg, N.S. Pricacidie, N.B. Port Goorge, N.S. Farsbord, N.B. Port Goorge, N.S. Lanenburg, N.S. Lanenburg, N.S. Loort Hawkesbury, N.S. Ocarquinster, N.S. Port Clayde, N.S. Port Clyde, N.S. Shelburne,
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	Port of Registry. Port d'enregistrement.	Lunenburg New Westminster Halfax New Westminster Charlottetown Nadisor, N.S. St. Calbariness Harmiton Parrsboro New Westminster New Mentans Halfax Charlam, N. B. Nampolis Royal Lunenburg Lonenburg Lonenburg Narmouth Narmou
	Name of Ship Nom-du-navire.	E. B. Walters E. C. Conrod E. D. Conrod E. D. Myra E. E. Armstrong E. G. Lewstrong E. H. Wharton Davies E. J. Fader No. 3 E. J. Fader No. 3 E. J. Fader No. 4 E. J. Moves E. J. Ender No. 4 E. J. Moves E. M. Zellars E. M. Zellars E. M. Zellars E. M. Strong E. Marce E. Marce E. Marce E. Dases E. Marce E. Dases E. Marce E. Dases
	Official Number Number	133.45.6 1726.4

SESSIONAL PAPER No. 22
Yar-
John Petite, Sylhey, N.S. and Herbert Wall, Yarmorth, N.S. and Herbert Wall, Yarmorth, N.S. and Horbert Wall, Yarmorth, N.S. and My Ford, Westport, N.S. and My Ford, Westport, N.S. and My Ford, Westport, N.S. and Good, Johnson, Seven Laknds, Que. and Good, Johnson, Seven Laknds, Que. and Good, Johnson, Standy, Manner, N.H., M.O. Blridge Spindler, Lanenburg, N.S. M.O. Reuben C. Swim, Clarke's Harbour, N.S. and Halman, S. Booto, Queber, Que. William P. Harris, Cheticamp, N.S. and William C. Stobo, Queber, O.S. M. M. B. Milliam P. Hallahy, Shag Harbour, N.S. Milliam J. Hallahy, Shag Harbour, N.S. Angus J. Hines, et al., Inogenish, N.S. Angus J. Hines, et al., Mobile, All. W. B. Stands, W. Woods, Parraboro', N.S. Angus J. Lines, et al., Ingenish, N.S. Joseph Coutares, St. Joseph de Sorel, Que. The Ottawa Transportation Co., Ltd., Ottawa, Ont. George Descheneaux, Notre Dame de Pierreville, Que. Joseph Coutares, St. Joseph de Sorel, Que. The Ottawa Transportation Co., Ltd., Ottawa, Ont. George Descheneaux, Notre Dame de Pierreville, Chicoutimi, Que. Locompagnie Générale du Port de Chicoutimi, Chicoutimi, Quebec. Bothwell, Backingham, Que Chicoutimi, Chicoutimi, Chiconpagnie Générale du Port de Chicoutimi, Chicoutimi, Chiconpagnie Générale du Port de Chicoutimi, Chiconpagnie Générale du Port de Chicoutimi, Chicoutimi, La Compagnie Générale du Port
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John Petite, Sydney, N.S.  John Petite, Sydney, N.S.  Maynard Young, West Dover, N.S.  Maynard Young, West Dover, N.S.  Sold Jonnpho, Seven Lafards, Quo.  Good Jonnpho, Seven Lafards, M.S., M.O.  Reubea C. Swim, Clarke's Harbour, N.S.  Theophile Charland, St. Jean Deschaillons, Que.  William F. Harris, Cheticamp, N.S.  William F. Harris, Cheticamp, N.S.  William F. Harris, Cheticamp, N.S.  William J. Haliday, Shag Harbour, N.S.  Skanley W. Woods, Parrsboro', N.S.  George Descheneax, Notre Damode Pierreville, Jesker A. Bolden, et al., Mobile, Als. U. S.A.  George Descheneax, Notre Damode Pierreville, Joseph Coutares, St. Joseph de Sorel, Quo.  The Ottawa Transportation Co., Ltd., Ottawa, On Geo. Bothwell, Buckingham, Que. Ltd., Ottawa, Co.  La Compagnio Genérale du Port de Chicoutimi, Cl. Que.  La Compagnio Genérale du Port de Chicoutimi, Cl. Que.  La Compagnio Genérale du Port de Chicoutimi, Cl. Que.  La Compagnio Genérale du Port de Chicoutimi, Cl. Que.  La Compagnio Genérale du Port de Chicoutimi, Cl. Que.  La Compagnio Genérale du Port de Chicoutimi, Cl. Que.  La Compagnio Genérale du Port de Chicoutimi, Cl. Que.  La Compagnio Genérale du Port de Chicoutimi, Cl. Que.  La Compagnio Genérale du Port de Chicoutimi, Cl. Alexona Drodging & Towing Co., Ltd., Martreal, Que.  Aluger & Robertson, Ltd., Sault Ste. Marie, Changer Shand, N.S.  Mosse Penny, Cape Island, N.S.  Brosse Penny, Cape Island, N.S.  Brosse Penny, Cape Island, N.S.  Herry A. Rhymard and William Forester, J.O., Piet Lolin Agnew, Alberton, Pt. L.  Edmond Tremblay, M.O., Matanne, Que.
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1876.55   Edith Adole   116.228   Edith F.S.   112.289   Edith M. Ca   138.290   Edith M. Stoil   138.290   Edith M. Ca   138.290   Edith M. Ca   138.290   Edith M. Ca   138.290   Edith M. Ca   128.290
19528

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917.

		8 GEORGE V, A. 1918
M.O., Manuging owner propriétaire gérant.	Owner or Manager Owner, and Address. Armateur ou propriétaire gérant, et adresso.	<ul> <li>Daniel Desmond, Parrsboro, N.S.</li> <li>David Oliver, et al., Waterborongh, N.B.</li> <li>James E. Ogffvic, Parrsboro, N.S.</li> <li>James E. Ogffvic, Parrsboro, N.S.</li> <li>Harry Jellett, New Weatninster, B.C.</li> <li>Harry Jellett, New Weatninster, B.C.</li> <li>Harry Jellett, New Weatninster, B.C.</li> <li>Harry Jellett, New Porisins P.E. L. J. O.</li> <li>F. J., R. P., and S. Poirier, J.O. D'Decouse, N.S.</li> <li>Mrs Amie Porrior, Mortgage Bridge, P.E. L.</li> <li>Berron Kitcey, et al., Lamenburg, N.S.</li> <li>A. R. Bissett and L. Rogers, Vancouver, B.C.</li> <li>HarbourCommissioners of Montread, Montreal, Que.</li> <li>Peter Richard, Escumina, N.B.</li> <li>Gedfon Goyer, Montreal, Que.</li> <li>S. R. Giffin, Isuere S Inchont, N.B.</li> <li>Gedfon Goyer, Montreal, Que.</li> <li>S. R. Giffin, Sucue S Inchont, N.B.</li> <li>Hed. Ilarris, Port Dover, Ont.</li> <li>Dolon Wills, Grand Ahana, N.B.</li> <li>Henris, Port Dover, Ont.</li> <li>Donn Wills, Grand Ahana, N.B.</li> <li>Henris and William Relaterial East Chezzetcook, N.S.</li> <li>F.C. Smith, Port Dove, Ont.</li> <li>Concean, Acadiar, Que.</li> <li>John Campbell Alverpool, N.S.</li> <li>John Campbell, Liverpool, N.S.</li> <li>John Campbell, Liverpool, N.S.</li> <li>John Campbell, Alverpool, N.S.</li> <li>John Campbell, Alverpool, N.S.</li> <li>John Campbell, Alverpool, N.S.</li> <li>Jurid Rourgeois, Cheticanop, N.S.</li> <li>Jurid Rourgeois, Cheticanop, N.S.</li> <li>Jurid Rourgeois, Little Brass d'Or, N.S.</li> <li>William H. Hollett, M. O., Burin, Newloundland, J. C., Orner, Plassin, N.S.</li> <li>William H. Hollett, M. O., Burin, Newloundland, J. C., Orner, Plassin, N.S.</li> </ul>
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join	Length in feet and 10ths.	585133518 3 <b>23</b> 513735 3 85804233335
. Ibrémations. J.O., Joint owners propriétaires conjoints;	Where Built. Lieu de construction.	Newcastle, N.B., Cumberland Bay, N.B., Gumberland Bay, N.B., Harvey, N.B., Harvey, N.S., Ia Have, N.B., Sanquet, N.B., St. Jean Deschaillons, Que, Essew, Mass., U.S.A., Shuppgan, N.B., Curraquet, N.B., St. Jean Deschaillons, Que, Carad Manua, N.B., Port Doyer Ont. Grand Manua, N.B., Port Clyde, N.S., Port Burwell, Ont. Comeanville, N.S., Port Maucon, N.S., Rederban, Rederban, N.S., Rederban, N.S., Rederban, R
oint o	Built-Construit en	889 899 890 890 890 890 890 890 890 890
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<ul> <li>Shimpson Bros. Co., Ltd., Montreal, Que.</li> <li>Felix G. Tibbs, Grand Bank, Mid.</li> <li>Ja Alee. Calder, Jr., Campobollo, N.B.</li> <li>Class. Cook, Isaae's Harbour, N.S.</li> <li>Jinbort Carr, Steep Creek, N.B.</li> <li>Jinbort Carr, Steep Creek, N.S.</li> <li>Jinbort Carr, Steep Creek, N.S.</li> <li>Kichard Drew, Terene Ray, N.S.</li> <li>Ernest and W. L. Smith, Baccaro, N.S.</li> <li>Ennest and W. L. Smith, Baccaro, N.S.</li> <li>Dinel Gillis, Sydnoy, N.S.</li> <li>Lonis Lessird, Quelec, Que.</li> <li>Lonis Lessird, Quelec, Que.</li> <li>Lonis Lessird, Quelec, Que.</li> <li>Lonis Lessird, Agotlec, Que.</li> <li>Lonis Lessird, Adotlec, N.S.</li> <li>Lon Andrew Miller, St. John, N.B.</li> <li>Janney Tredu, et al., Chester, N.S.</li> <li>Joe, T. Modron, Burgeo, Nide.</li> <li>Seett Corkum, M.O., Lanuburg, N.S.</li> <li>Bell A. Dunphy, Shelborre, N.S.</li> <li>Bell A. Dunphy, Shelborre, N.S.</li> <li>Reifie Coast Packing Co., Ltd., Vancouver, B.C.</li> <li>Le Heppell, Matture, Que.</li> <li>John Bechama, St. Ann's, N.S.</li> <li>John Bechama, St. Ann's, N.S.</li> <li>John Bechama, St. Ann's, N.S.</li> <li>John Bechama, R. Ann's, N.S.</li> <li>John Bechama, Lannek, N.B.</li> <li>W. Myers, Kingston, Jannek, N.B.</li> <li>W. Wayers, Kingston, Jannek, N.B.</li> </ul>	Jamaica, J.O.  Jamaica, J.O.  Jamaica, J.O.  Jamaica, J.O.  J. F. Paul, St. Pierre de Sorel, Que  Partick Blunchard, Granchae, N.B.  Mathony Arseanath, Grandigeo, N.B.  Thomas Ardie, et al., Partsboro, N.S.  Thomas Ardie, et al., Partsboro, N.S.  Thomas Ander, et al., Partsboro, N.S.  John B. Patten and Wm. Forsay, Grand Bank, Nifd.  John B. Patten and Wm. Forsay, Grand Bank, Nifd.  John B. Patten and Wm. Forsay, Grand Bank, Nifd.  John B. Patten and Wm. Forsay, Grand Bank, Nifd.  John B. Patten and Wm. Forsay, Grand Bank, Nifd.  John B. Patten and Wm. Jevasy, Grand Bank, Nifd.  Schlasdan Noci, Shippigm, N.B.  Sydnay Das Brisay, Pott Rocher, N.B.  Solinden, Berling, Pott Rocher, N.B.  Malter S. Roes, Cupe Island, N.S.  Malter S. Roes, Cupe Island, N.S.  Permix S. Douectt, Campobello, N.S.  Frank S. Douectt, Cappobello, N.S.  Frank S. Douectt, Cappobel, N.S.  Frank S. Douectt, Cappobel, N.S.  John E. George, White Haven, N.S.  Arthur D. Cann, Louisburg, N.S.  Takingigm, N.B.  T. Arthur D. Cann, Louisburg, N.S.  Takingigm, N.B.  T. Arthur D. Cann, Louisburg, N.S.  Takingigm, N.B.  The Canadian Bank of Commerce, II.O., Foronto, Ont.  Ont.  Ont.
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Liste alphabérique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

		o deonde il vi vi ibio
M.O., Managing owner propriétaire gérant.	Owner or Managing Owner, and Address. Armateur ou propriétaire génant, et adresso.	Empire Coal Co., Ltd., Montreal, Que-Empire Coal Co., Ltd., Montreal, Que-Empire Coal Co., Ltd., Montreal, Que-Empire Coal Co., Ltd., Montreal, Que-Simon Poirier, Descouse, N.S.  M. H. Perry, Black Point, N.S.  M. H. Perry, Black Point, N.S.  M. B. Short, et al., Braver Introor, N.B.  William Trahan, Belliveau's Cove, N.S.  Bavid Fiskering, Summersida, P.E.I.  Bavid C. Garden, Montreal, Que- C. F. MacKenzie, Halinx, N.S.  W. W. Tate, Montreal, Liberaville, Que- John McKenzie, Rielburm, N.S.  M.S. Sanh, Young, J.D., Caraquet, N.B.  Herbert Hess, Clementspart, N.S.  George M. Bart, et al., St. John's, Nild.  G. Johnson, Dover, N.S.  F. B. Sunnderts, Carago, N.S.  Mr. Sanh, Young, and F. T. B. Young, J. O., Caraquet, N.B.  M. Sunnderts, Carago, Cartalia, Grand Mann, N.B.  The Sunnderts Carago, Cartalia, Grand Mann, N.B.  The Montreal Transportation Co., Ltd., Montreal, Que.  W. J. Galbraith, Lepteraux, N.B.
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ointe.	Congreur en pieds et 10°°. Breadth in feet and 10ths.	95 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
J.O., Joint owners propriétaires conjoints,	Where Built.  Lieu de construction	U.S.A.  Northumberland, N.Y., I.F.S.A.  Sudgwark, N.B. Sudgwark, Ma., U.S.A. Grand Manan, N.B. Cornwallis, N.S. Notre Dame de Pierre- ville, Que. Hockville, Ont. Hockville, Ont. Sudburne, N.S. Suth Maidanl, N.S. Gupe Baland, N.S. Gupe Rand, N.S. Supple River, N.S. Ferravalle, Que. Shelluran, N.S. Gupe River, N.S. Chraquet, N.B. Fort Clyde, N.S. Chraquet, N.B. Fort Glyde, N.S. Charoute, N.S. Gunes, N.S. Gunes, N.S. Gunes, N.S. Gunes, N.S. Charoquet, N.S. Gunes, N.S. Charoquet, N.S. Gunes, N.S. Charoquet, N.S. Charoquet, N.S. Gunes, N.S. Charoquet, N.S. Charoquet, N.S. Gunes, N.S. Charoquet, N.S. Charoque
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= =	Port of Registry. Port d'enregistre- ment	Montreal Montreal Charlan, N B Shelburne Shelburne Digtor Montreal Ouebes Barrington Passage Nandsar, N S Lummburg Yarnnouth Charlan Charlan N B Parreborn Charlan N B Normouth Charlan N B Normouth Charlan N B Normouth N B Normouth Charlan N B Normouth Nor
(hbre	Name of Ship	15475 Empre No. 2. 1546 Empre No. 3. 1556 Empress. 1657 Empress. 11131 Empress. 11143 Empress. 11143 Empress. 11151 Empress. 1155 Empress. 1557 Embrairess.
	Otheral Number Numbro officiel	2.11.2 2.11.2 2.11.2 2.11.2 2.12.2 2.2.2

Ретгу		
Walter Logan, St. John, M.B. George A. Bartlett, Buria, Nftd. Charles B. Browsfer, Harvey, N.B. S. Messenger, Capa Island, N.S. Clarence M. Richardson, Craud Manan, N.B. John E. Bolder, Halfath, N.S. John B. Bodge, Halfath, N.S. Marren C. and George Justason, Blacks Harbour, N.B. G. Nowell, Jamek, N.B. J. G. Nowell, Jamek, N.B. J. G. Nowell, Cape Island, N.S. J. G. Nowell, Cape Island, N.S. J. G. Nowell, Cape Island, N.S. John Leomert, Maine-Dieu, N.S. John Leomert, Moriane-Dieu, N.S. John Leomert, Moriane-Dieu, N.S. John J. Hollovay, Terentle, Que. Mars M.S. Cruikshalm, Sydney, N.S. Rarfford P. Thorboum, M.O., Sand Point, N.S. Renford P. Thorboum, M.O., Sand Point, N.S. John A. Newell, Clarke's Harbour, N.S. Renner Paquet and Joseph Billideau, Old Fort, Que. Reiner B. Derey, Hubbards, N.S. John A. Newell, Clarke's Harbour, N.S. Fenton Carrell, M.O., Chathanon, N.S. John A. Newell, Clarke's Harbour, N.S. John A. Newell, Charke's Harbour, N.S. John A. Newell, Charke's Harbour, N.S. John A. Newell, Charles's Harbour, N.S. John A. Newell, Charles, John A. Newell, Char		27 0 7 0 86 John D. Foreman, Vancouver, B.C. 132 6 8 2 14 Canadian Western Lamber Co., Fraser Mills, B.C. 133 6 14 63 Fred. A. Rebertson and Paul Maloney, Cornwall, Oat. 15 8 1 15 Fred. A. Rebertson and Paul Maloney, Cornwall, Oat. Per 15 8 1 15 Fred. A. Rebertson and Paul Maloney, Cornwall, Oat. Per 16 Fred. A. Rebertson and Paul Maloney, Cornwall, Oat. Per 17 Fred. A. Rebertson and Paul Maloney, Cornwall, Oat. Per 18 6 1 Fred. A. Rebertson and Paul Maloney, Cornwall, Oat. Per 18 18 18 18 18 18 18 18 18 18 18 18 18
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St. John, N.B. Shelburne, N.S. Lorde Beach, N.B. Lurke's Harbour, N.S. St. George, N.B. St. Goorge, N.B. St. John, N.B. St. Michel, Que St. Thomas, Que Lamek, N.B. Port Maitland, N.S. Shelburne, N.S. Higonish, N.S. Morris Island, N.S.	New Westurinster, B C New Westurinster B G Chatham, N.B. Stey Hay, N.S. Welland, Out. Cernwallis, N.S. Port Gereville, N.S. Mathono Bay, N.S.	Nanatimo, B.C. Frasav Mils, B.C. Olen Ross, Ont Glen Ross, Ont Glen Ross, Ont Glenross, Ont
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LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1917.

M.O., Maunging owner propriétaire gérant.	Owner or Managing Owner, and Address Armateur ou propriétuire gérnnt, et adresse.	Loseph E. Cloutin, Chicoutimi, Que.  Marbour Commissioners of Montreal, Montreal, Que. Harbour Commissioners of Montreal, Que. Francis Lemoine, Montreal, Que. Algonna Dredging Co., Ltd., Sault Ste. Marie, Ont. Algonna Dredging Co., Ltd., Sault Ste. Marie, Ont. Arbert T. Marcan, Vancouver, B.C. Arthur W. Stevenson, Vancouver, B.C. Andrew T. Inner, et al., North Sydiney, N.S., J.O. Grace & Co., Ltd., Amtreal, Que. Andrew St. Calais and Loseph Therrien, Lee Escoumains, Que. Fred. Blanchard, Richibucto, N.B. Jances Swilt, Kingston, Ont. T. Andrew St. Simon, Que. J. Simard, M.O., St. Simon, Que. J. Lisher Blomes, ir. Hallax, N.S. G. H. Nickerson, Sambro, N.S. T. Ahler, Shippingun, N.B. Mrs. Leveleen Ingulls, Grand Manan, N.B. Andrew H. Murray, St. Johns, Nifd., and Philip Templeman, Andrew H. Murray, St. Johns, Nifd., and Philip Templeman, Andrew H. Murray, St. Johns, Nifd., and Philip Templeman, Andrew H. Murray, St. Johns, Nifd., and	Patlon Rives, J. U., Comwall, Ont. V. Dalzelle, et., Grand Manan, N. B. J. W. Forgeron, West Arichat, N. S.
ging o	Registered tonnage. Tonnage enregistré.		179
Mann	Depth in feet and 10ths. Prolondeur en pieds et 10cs.		73
4.0.,	Largeur en pieds et 10ra.	282222382282828282828282828282828282828	30 0
	Longueur on pieds et 10%. Breadth in leet and 10ths.	+0000000=nnne0000x0n 0 cnee0n+00x	30 0
J.O., Joint owners propriétaires conjoints;	Where Built. Lieu do construction. Length in feet and 10ths.	ster, B.C.  of q q q q q q q q q q q q q q q q q q q	Prescott, Ont Campobello, N.B. Sheet Harbour, N.S.
Joint	Built-Construit en		25.00 15.00
15r 1 Mons: J.O.,	Rig Gréement.	Schr-Git Scow-Chi Sco	Dredge-Drague Sloop.
Abbre whome 15	Port of Registry. Port d'enregistre- ment.	Quebec Montreal Montr	Kingston St. Andrews
	Name of Ship Nom dunavire	F & & Co No. 1 F C No. 1 F C No. 1 F C No. 1 F C No. 2 F C No. 2 F R B No. 1 F R B No. 1 F R R No. 2 F R R No. 3 F R R R R R No. 3 F R R R R R R R R R R R R R R R R R R R	Fallon Bros. No 5 Falmouth
	O head Number Number Onnered	111.066 111.066 111.06	130765

SESSIONAL PAPER No. 22	
W. S. Loggie Co., Ltd., Chatham, N.B. Thos, Roberts, Cap Ozo, Que. Soniale Sampson, River Bourgeois, N.S. William McLellan, Campobello, N.B. Soniale Sampson, River Bourgeois, N.S. William McLellan, Campobello, N.B. Charles, Lottine, M.C., Torth Nydnoy, N.S. Son Brish Columbia & Labrador Fisheriee, Ltd., Victoria, B.C. B. M. Duchene, Quebec, Que. Son Brish Columbia & Labrador Fisheriee, Ltd., Victoria, B.C. Russell B.W. Tanan, Namouth, N.S. Roch Poulin, Lamok, N.B. Cole Poulin, Lamok, N.B. Cole Poulin, Lamok, N.B. Collin, Jones & William, Ltd., Halfita, N.S. The Halfat Dredging Co., Ldd., Halfita, N.S. Harter G. C., Stevenson, Vancouver, B.C. Sumes P. Chiusson, Lamok, N.B. Collin, Jones & Williama, Ldd., Halfita, N.S. Hartin Pelrica, Hartwicke, N.B. Collin, Jones & Williama, N.B. Collin, Jones & Williama, N.B. Collin, Janes & William, Caraquet, N.S. Collin, Jones & William, N.S. Collin, Jones & William, Caraquet, N.S. Collin, Jones & William, Caraquet, N.B. Collin, Jones & William, N.B. Collin, Jones & William, N.S. Collinson, Laurek, N.B. Collinson, Laury, S. Kroepe, N.B. Collinson, Laury, Larry S. River, N.S. Collinson, Laury, Larry S. River, N.S. Collinson, Laury, Larry S. River, N.S. Collinson, Laury, Laury S. River, N.S. Collinson, Laury, Laury, Laury, N.S. Collinson, Laury, Laury, N.S. Collinson, Laury, Laury, N.S. Collinson, Laury, Laury, N.S. Collinson, Laury, Laury	
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Alpharetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

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LIST	

		8 GEORGE V, A. 1918
	Owner or Mannging Owner, and Address. Armiteur ou propriétaire gérant, et adresse,	1. A. Harding, Sauris, P.E.L. and James Jerrior, jr., Georgo- towa, P.F. I. J. G. Thos, Power, Cheforamp, N.S. John Kirly, Chipman's Brook, N.S. H. Campean, Bele Kiver, Ont. H. Campean, Belle Kiver, Ont. H. Campean, Baler Kiver, Ont. H. Campean, Baler Kiver, Ont. H. Milliam Buckle, Javepool, N.S. Mrs. T. F. Hendshew, Diviging Harbour, N.S. J. A. Moore, Westport, N.S. Robert Melmas, Mallace, N.S. Robert Melmas, Mallace, N.S. Robert Folgo, North Sydney, N.S. Bobbert Folgo, North Sydney, N.S. Hohn E. Darraw, West Berlin, N.S. Hend Boutdier, Centreville, N.S. Hirol Boutdier, Centreville, N.S. Honn, J. Mannar, Point, Que. Goo, Timguay, Quebec, Que. Goo, Timguay, Quebec, Que. John E. Bolkmud, Risk Verfe, Que. Bolwert Ledlane, Arielate, N.S. Rasmus Hansen, Victoria, B.C. John Esaukhur, Jattle Bras 40'r, N.S. Simon Mannett, Chary's River, N.S. John Esaukhur, Shighen, Marbur, N.S. Flohn Jones & Matrinan, Ltd., Haldiax, N.S. Flohn Jones & Whitman, Ltd., Haldiax, N.S. Floran, Lones & Whitman, Ltd., Haldiax, N.S. Floran, Jones & Whitman, Ltd., Haldiax, N.S. Florans, A. Berris, Robert Que. Lances Walsh, Grand Rivere, Que.
1	Tonnage enregistré.	######################################
1	Prolondeur en pieds et 10 <sup>66</sup> . Registered tonnage.	
	Depth in feet and 10ths.	ら るてもなててからならべらかなけてすらか の する す ららららららろろらら しょうしょうりーグしょうかいけい こ スペス こりことうててきょ
	Largeur en pieds et 10".	© 40460000000000000000000000000000000000
ļ	Breadth in feet and 10ths.	1 1112752525521112575 % 13 5 10555555999
	Longueur en pieda et 10e.	28372222323
	Length in feet and 10ths.	
	Where Built. Lieu de construction.	Murray Harbour, P.E.I. Cheticamp, N.S. Griener Harbour, N.B. Chencer Harbour, N.B. Chencer Harbour, N.B. Chencer, Ont. New Dublin, N.S. Margaree, N.S. Hort Felr, N.S. Mardand, N.S. Lartle Brass d'Or, N.S. Mallared, N.S. Mallared, N.S. Lartle Brass d'Or, N.S. Mallared, N.S. Lartle Brass d'Or, N.S. Mallared, N.S. Eastport, Me., C.S.A. Barrangeon, N.S. Eastport, Me., C.S.A. Barrangeon, N.S. Barrangeon, N.S. Barrangeon, N.S. Barrangeon, N.S. Conquerall, N.S. Settle, Mobil, C.S.A. Schoptgam, N. B. Fracadov, N. B. Schoptgam, N. B. Schoptgam, N. B. Schoptgam, N. B. Conquerall, N.S. Schoptgam, N. B. Conducter, N. S. Charquet, N. B. Chertenmp, N. S. Charquet, N. B. Chertenmp, N. S. Chertenmp, N. S. Chertenmp, N. S. Charquet, N. B. Charquet, N. Charquet, N. B. Charquet, N. B. Charquet, N. Charquet, N. Charquet, N. B. Charquet, N. Charquet, N. Charquet, N. B. Charquet, N. Charquet,
2	Built-Comstruit en.	28
	Rig. Gréement.	26
	Port of Registry. Port d'emegistre ment.	Charbetestown  St. Vindews  St. Vindews  St. John, N. B. Williass, Out  Virebat  Inversed  Treepsol,  Virebat
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Daniel Boudreau, Port Felix, N.S.	P. D. Landry, St. Mary's, Kent, Co., N.B. Theophane Theriault, House Harbour, M.L., Que.	The Northwest Navigation Co., Ltd., Winnipeg, Man. John Hind, Vancouver, B.C., S. Lohn H. Cousins, Jr., Canso, N.S. Prosper Boudreau, Point Misonette, N.B. The Foundation Co., Ltd., Montreal, Que.	The Foundation Co., Ltd., Montreal, Que. The Foundation Co., Ltd., Montreal, One.	
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Newburyport, Mass., [	Tracadie, N.B. House Harbour, Mag-	Selkirk, Man. New Westminster, B.C. Tancook, N.S. Pt. Misonette, N.B. Lachine, Que.	Lachine, Que	1901   Caraquet, N.B.   39     1804   West Islas, N.B.   34     1805   West Islas, N.B.   34     1805   Murray Harbour, P.E.   46     1806   Murray Harbour, P.E.   46     1917   Lanenburg, N.S.   105     1916   Lanenburg, N.S.   105     1916   Murray Huver, P.E.   55     1917   Lanenburg, N.S.   51     1918   Murray P.E.   51     1919   Surviva P.E.   51     1910   Surviva P.E.   51     1911   Murray P.E.   51     1912   Murray P.E.   51     1913   Murray Huray P.E.   51     1914   Murray Huray P.E.   51     1915   Lanenburg, N.S.   51     1916   Lanenburg, N.S.   51     1917   Murray Huray P.E.   51     1918   Lanenburg, N.S.   51     1919   Lanenburg, N.S.   51     1910   Lanenburg, N.S.   51     1911   Montread Que in Lucker, N.S.   51     1914   Lanenk, N.S.   51     1915   Lanenk, N.S.   51     1916   Lanenk, N.S.   51     1917   Lanenk, N.S.   51     1918   Lanenk, N.S.   51     1919   Lanenk, N.S.   51     1911   Lanenk, N.S.   51     1912   Lanenk, N.S.   51     1913   Lanenk, N.S.   51     1914   Lanenk, N.S.   51     1915   Mathone Bay, N.S.   51     1916   Lanenk, N.S.   51     1917   Lanenk, N.S.   52     1918   Lanenk, N.S.   53     1918   Lanenk, N.S.   54     1919   Lanenk, N.S.   51     1910   Lanenk, N.S.   52     1911   Lanenk, N.S.   53     1912   Lanenk, N.S.   54     1913   Lanenk, N.S.   53     1914   Lanenk, N.S.   54     1915   Lanenk, N.S.   54     1916   Lanenk, N.S.   54     1917   Lanenk, N.S.   54     1918   Lanenk, N.S.   54     1919   Lanenk, N.S.   54     1910   Lanenk, N.S.   54     1911   Lanenk, N.S.   54     1912   Lanenk, N.S.   54     1913   Lanenk, N.S.   54     1914   Lanenk, N.S.   54     1915   Lanenk, N.S.   54     1916   Lanenk, N.S.   54     1917   Lanenk, N.S.   54     1918   Lanenk, N.S.   54     1918   Lanenk, N.S.   54     1919   Lanenk, N.S.   54     1910   Lanenk, N.S.   54     1911   Lanenk, N.S.   54     1912   Lanenk,
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iid Hulifax	Forest Queen Magdalen Islands	Fort Alexander. Winnipeg. Fort No. 1. Vancouver. Curso. Curso. Chatham, N.B. Coundation Co., No Montreal.	l (The). 2 (Thei). 2 (Thei). Foundation Co., No. Moutreal	Chatham, N.B. Chatham, N.B. Chatham, N.B. Chathers, N.B. St. Andrews. Innenburg. Lunenburg. Lunenburg. Lunenburg. Lunenburg. Charlottetown. Haliax. Peterboro. Peterboro. Lunenburg. Lunenburg. Lunenburg. Lunenburg. Lunenburg. Rainfax. Reteu, N.S. Montreal. St. Andrews. St. Andrews. Rethibueto. Charlottetown. St. Andrews. Rethibueto. Rethibue
26717 Forest Maid				11467   Four Brothers   3 (The b.)     33399   Four Brothers   18359   Four Brothers   18359   Frances E. Willard   18553   Frances Cardorer   18554   Frances Cardorer   18554   Frances Cardorer   18554   Frances W. Smith.   11140   Frances W. Smith.   1150   Frances W. Smith.   1150   Frank II. Adams.   15253   Frank II. Adams.   15
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Alphanitical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. the nations three atoms J.O., Joint owaers propriétuires conjoints; M.O., Manuging owner - propriétaire gérant.

1			8 GEORGE V, A. 1918
Owner or Manuging Owner, and Address. Armuteur ou propriétairo gérant, et adresse.	s. Hicke, et al., Westport, N.S. Alphonse A. Larocque, Montreal, Que. David Chevrier, St. Joseph de Sorel, Que. Grayel H. Long, Richiburto, N.B. Georgi H. Long, Richiburto, N.B. Dominion Dredging Co., Ltd., Ottawa, Ont.	Lyon Cohen, Montreal, Que. Lyon Cohen, Montreal, Que. Grerge Dansereau, Grenville, Que.	George Dansereau, Grenville, Que Caulf of Georgia Towing Co., Ltd., Vincouver, B.C. Gulf of Georgia Towing Co., Ltd., Vincouver, B.C. Colle Kingham, Victoria, B.C. G. P. Walley and F. H. Stirling, Victoria, B.C. G. P. Walley and F. H. Stirling, Victoria, B.C. Mrs. Georgina P. Roberta, Victoria, B.C. Mrs. Georgina P. Roberta, Victoria, B.C. Mrs. Georgina P. Roberta, Victoria, B.C. Quebec Salvaga, & Wrecking Co., Ltd., Ottawa, Ont. The Ottawa Transportation Co., Ltd., Ottawa, Ont. Jos. Read and Sampson Grady, Summerside, P.E. Gorman Harvey, Isle and Couldres, Que., J. Greman Harvey, Isle and Couldres, Que., J. Greman Harvey, Isle and Couldres, Que., J. Greman Harvey, Isle and Couldres, Que., The Ottawa Transportation Co., Ltd., Ottawa, Ont.
Registered tonnage.  Tonnage enregistre.	26 276 98 66 14 597	38 202	255 23 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Depth in feet and 10ths. Prolondeur en pieds et 10ee.	6 2 8 2 8 2 8 2 8 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 W C1	$- \frac{1}{2} $
Breadth in fret and 10ths. Largeur en pieds et 1000.	16 0 17 2 17 2 25 0 11 5 42 7	17 S 17 0 24 0	50000000000000000000000000000000000000
Length in feet and 10ths.  Longueur en pieds et 10cs.	52 0 145 0 87 0 70 8 38 0	53 5 46 5 122 8	00 00 00 00 00 00 00 00 00 00 00 00 00
Where Built.	South Bristol, Mc, U.S.A. Clayton, N.Y., U.S.A. E. Edward, N.Y., U.S.A. Sorel, Que St. Martin's N.B. Richborto, N.B.	Unknown Cornwall, Ont. Chknown Cornwall, Ont. Grenville, Que	Greavilla, Que New Westminster, B.C., Vancouver, B.C., Vancouver, B.C., Vancouver, B.C., Victoria, B.C., Victo
Built-Construit en	1877 1912 1902 1906	1900 1900 1913	1
Rug Gréenient.	Schr Glt Barge-Chd Barge-Chd Schr Glt Schr Glt Schr Glt Schr Glt Dredge · Drague	Scow -Chd Scow-Chd Barge-Chd	Barge—Chil Scow Chil Scow Chil Scow Chil Scow Chil Barge—Chil Schr—Cill Schr—Cill Schr—Cill Schr—Cill Schr—Cill Schr—Cill Schr—Cill Schr—Cill Schr—Cill
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9 Aldreado McDonough, St. Martins, N.B. 2 The Barge Ireland Co., Ltd., Montreal, Que. 3 The Peninsular Tug & Towing Co., Ltd., Wiarton, Ont.	<ul> <li>Lindsay Zwieker, Indian Harbour, N.S.</li> <li>Clare Shipping Co., Lid., Meteghan River, N.S.</li> <li>Philippe Harvey, Baie St. Paul, Que.</li> </ul>	9 Vancouver Machinery Depot, Ltd., West Vancouver, B.C. 7 David Sproule, Digby, N.S. 1 Icandro Bouchard, Portacul, Quo.	W. S. Loggie Co., Ltd., Chatham, N.B.		John Harvey, St. John's , N'fd. The C. Robin, Colles, Co. 14d., Halifax, N.S.	Robin Jones, & Whitman, Ltd., Hahfax, N.S. W. S. Logzie Co., Ltd., Chatham, N.B.	R. B. Harris, et al., Kentville, N.S.	Wio Fruing & Co., Ltd., Jersey, C.1.											6 J. B. Snowball Co., Ltd., Chatham, N.B. 2 The Riordan Paner Co., Ltd., Montreal, One	E. Brownell, Baie Verte, N.B.	_	_	_	6 Edouard Sieard, St. Placide, P.Q. 3 Thos. Anderson, St. Lohn, N. R.	S John Wilson, Liscombe, N.S.	W. S. Loggie Co., Ltd., Chatbam, N.B. 4 The Canadian Sand & Gravel Co., Ltd., Thorald, Oat.		15   C. H. Blackadar, Halifax, N.S. 32 James Paterson, St. John, N.B.	:	ij
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Meteghan, N.S. Verraillion, O., U.S.A. Marine City, Mich., U. S.	Shelburne, N.S. Meteghan River, N.S. La Petito Rivière St.	Francois Agvier, Que New Westminster, B.C Comeau's Ifill, N.S Portneuf, Que	Carnquet, N.B	Bay du Vin, N.B. Luneaburg, N.S.	Shelburne, N.S.	Caraquet, N.B. Caraquet, N.B.	Graaville, N.S. Pembroke, Mc. II.S.A.	Tracadie, N.B.	Metlakatla, B.C	Ray du Vin, N.B.	Caraquet, N.B	Murray Harbour, P.E.I.	Pubnico, N.S. Lockeport, N.S.	Pubaico N.S	Shag Harbour, N.S.	Victoria, B.C.	Ottawa, Ont.	Long Point, Ont.	Chatham, N.B	Maino, U.S.A	U.S.A	Three Rivers, Que	Granville Ferry, N.S.	Valleyfield, Que	Cambridge, N.B.	Shippigan, N.B.	Yamaska, QueCountry Harbour, N.S	Country Harbour, N.S Tiverton, N.S	Rooth's Bay, Me., U.S.A.	rormerly "Tyree."
1891 1872 1882	1906 1916 1907	1903 1903 1903	1891	1908	1907	1890	1883	1890	1898		1886	1887	1906	1902	1903	1913	1881	1875	1910	1875	1900	1808	1906	1886	1904	1905	1900	1885	8981	:
Schr—Glt Schr—Glt Sehr—Glt	Sloop Schr—Glt	Sloop	Sehr—Glt	Schr—Glt			Schr—Glt	Schr-Glt.	Schr-Glt	Dredge-Drague Schr-Glt	Schr—Glt		Sloop. Schr—Glt	Schr-Glt.	Sloop		Barge-Chd	Schr-Glt	Barge—Chd	Sloop	Barge—Chd	Scow—Chd	Schr-Glt			Schr-Cit	SloopSchr—Gft	Sehr—Glt	Schr—Cit	Poroign name "J. L. Mock
Yarmouth	Shelburne Weymouth	Vancouver	Chatham, N.B	Chatham, N.B	Shelburne Chatbarn		Digby.	Chatham, N.B.			Chatham, M. H. H. Hiffer		Narioouth		Barrington Passage.	Victoria	Ottawa		Chatham, N.B	Arichat	Sault Ste. Marie	Montreal.		Montreul.		Chatham, N. B	Sorel	Guysboro'.	Canso	
G. H. Perry. G. H. Warmington. G. K. Jackson	G. M. Stephens G. Blutcau	G. Jax. Gabriel A. Yarmouth Gabriel de St. Ni-Quebee cholas.	Gambetta	Gander	Gay Gordon (The).	Guzelle Guzelle	Gazelle	Com	Gem.	General Metade General Middleton	Conest.	Genestit	Genesta Geneva Ethel	Geneva May	Genevieve	Genoa No. 2	Grorge	George Dow	George Groat	George II. Weeks	George Pennimas	George R	Georgeina Roop	Georgiana Conith	Georgie Pearl	Georgina	Germainaia	Gertie Belle	190447' Gertie Lowis	Foreign nume "Black Diamond,"
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Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

16 Arthur Day, Jeddore, N.S.
19 Michael Smith, Barrington, N.S.
19 Daniel Parka, M.C., La Halve, N.S.
11 Arthur Boutilier, M. O., Haliax, N.S.
11 Sin Sand, Saluay, N.S., Andrey, N.S.
12 Arthur Boutilier, M. O., Haliax, N.S.
13 Me, Surah Yong and F. Th. Young, J. O., Caraquet, N.B., M. M. Sarith Young and F. H. Young, J. O., New Westminster, R.C.
10 James R. Gilley, M.O., New Westminster, R.C.
110 James R. and Walter R. Gilley, J. O., New Westminster, B.C.
110 James R. and Walter R. Gilley, J. O., New Westminster, B.C.
111 James R. and Walter R. Gilley, J. O., New Westminster, B.C.
112 James R. and Walter R. Gilley, J. O., New Westminster, B.C.
113 James R. and Walter R. Gilley, J. O., New Westminster, B.C.
114 James R. and Walter R. Gilley, J. O., New Westminster, B.C.
115 W. Elizaberh Genrage, Parespora, N. B.
116 M. Rive, Caraquet, N. B.
117 R. Rive, Caraquet, N. B.
118 R. Goodwin, Cape Hand, N. S.
119 R. Caraquet, N. B.
119 R. W. Nelskerson, Narmouth, N. S.
120 Malter Brown, M.O., Herring Cove, N.S.
131 Malter Brown, M.O., Herring Cove, N.S.
140 James R. M. Werkmron, Forellu, N. S., and Chas Lonvan, H. LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Arfantar on proprictaire genat, et adresse, Owner or Manuging Owner, and Address. Sycheev, N.S.

16 (Turcles) Wooling, Pennant, N.S.
27 Sank Shore Fishernes, Ed., Liverpool, N.S.
1910 (Sancha Shuping Co., Lid., Montreal, Que
10 Janues C. Ross, Fort La Tour., N.S.
20 Abarn C. Corkum, Chester, N. S.
20 Daniel Penney, Stoney Bland, N.S.
20 Robert Moulten, Lid., St. Jahns, Nild.
21 Lanteignes, Caraque, N.S.
22 Lanteignes, Caraque, N.S.
23 Lanteignes, Caraque, N.S.
24 Robert Moulten, Lid., St. Jahns, Nild.
25 Lanteignes, Caraque, N.S.
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29 Lanteignes, Caraque, N.S.
20 Lanteignes, Caraque, Caraque, N.S.
21 Lanteignes, Caraque, Ca Phee and as the head me J.O., Joint owners propriétaires conjoints; M.O., Managing owner propriéture gérant Tonnage enregistre. Registered tonnage Prolondeur en pieds et 100 000000000000 Depth in feet and 1 while Largeur en pieds et 1000 Longuetr en piede et 10es Breadth in leet and10ths 83 4 E1 2 E1 0 Length in feet and little. B.C. Lieu de construction BC New Westminster, B C. New Westminster, B.C. Clarke's Harbour, N.S. West Bay City, Mich., U Suretto's Island, N.S. Esquirmant Point, Que Shag Harbour, N.S. Fusket Wedge, N.S. New Westminster, Mathone Bay, N.S., Lunenburg, N.S. New Westminster. Mahone Bay, N.S. Tanccok, N.S. 1916 Lunenburg, N.S. 1875 Greenwich, N.B. 1883 Caraquet, N.B. 1963 Shelburne, N. B. 1888 Curaquet, N. B. Where Built Shelbarne, N.S. La Have, N.S. Liverpool, N. J. Chrisquet, N.13 Chrustart, N.B. La Have N.X LaHave, N.S. Tancook, N.S. Caraquet, N. 1803 1803 1905 1905 1115 19.10 15.92 19.16 Built-Construit en Greemant Barge Chd Barge Chd Barge Chd Burgo-Chd Schröder Schröder Schr-Gt Schr-Gt Schr-Gt Schr Ch Schr-Git Schr-Git Schr Git Schr Gilt Schr -Glt Sloop. NOOD N diwin. Shelburne Chatham, N. B. Barrington Passage Yarmouth. Port d'enregistre-Sow Westminster ew Westminster sew Mestininster Lunenburg St. John, N. B. Chatham, N. B. 'hatham, N B butharn, N B hatham, N B. Lunenburg. unenburg Liverpool armouth unenburg unenhurg richit 91911 Glily E Wholden Gladys III Gladys M South. Gladys Wesher Chalsa B S ath Chalya E B Nume of Ship Norm du mayare 2005 Chalys Elena Starr 92359 Glacier 138257 Glacier 724. Glad Palings 100985 Gladmar Good No. 4 or berr 13 Cortie M 1164-5 Clarks 12165 Clarks 12163 Clarks 13054 Clarks Cleaner 11213v G 1227222 Yend.

SESSIONAL PAPER No. 22		
k, 8t. John, N.B. celly, Kippewa, Que. hell, Campobello, N.B. sw, St. George, N.B. t. John's, Nifd. ison, Plegery's Cove, N.S. Co., Lathuve, N.S. Co., Ltd., Windsor, N.S. Co., Tarket Wodge, N.S. oill, Tyne Valley, P. E. tand Wm. L. Horton, J. O., Goderich, Ont., and Wm. L. Horton, J. O., Goderich, Ont., tand Wm. L. Horton, J. S. cell, Tyne Valley, P. E. tand Wm. L. Horton, J. S. cell, Tyne Valley, P. E. tand Wm. L. Horton, J. S. cell, Tyne Valley, P. E. tand Wm. J. Harlita, N.S. Endish Bay Export Co., Quebec, Que. H. Caming, N.S. A. New Bandon, N.S. A. New Waterford, N.S. All Grand Manan, N.B. All N. N.S. All, N.S. M.O. All, N.S. M	Constwise Steamship & Bargo, Co., Ltd., Vancouver, B. C., Alibee Laffanee, House Harbour, M.I., F.Q., and M. Zeki, Adam Grant, Forgero, Halfax, N. S., Adamader Fougero, Halfax, N. S., The Dominion Caul Co., Ltd., Montreal, Que. Richard J. Ja Rush, Ninselom, Out. Richard J. Ja Rush, Ninselom, Out. Phillip Rive, Caraquet, N.B. 1990, N.S. Phillip Rive, Caraquet, N.B. 1900, N.S. R. P. Scott, and E. R. Howe, North Sydney, N.S. R. P. Scott, and E. R. Howe, North Sydney, N.S. P. Rive, Caraquet, N.B. P. Rive, Caraquet, N.B. Charles E. King, Grand Manan, N.B.	Alton Russell, Cham Arbour, N.S.  3. Diek, N.S. Gorege, N.B.  Charles Steunahip & Barge Co., Ltd., Vuncouver, B.C. Dominion Stand & Burging Co., Ltd., Montreal, Que. Dominion Stand & Burging Co., Ltd., Montreal, Que. Comileo Jacker, Chraquet, N.B. Chillen LeBlanc, et al., Grand Etang, N.S. Amelie Julia.''  Freeign name 'Pieneer Sand & Gravel
Mrs. Nietor Coo Ther. Sirch A. I. Thomas O. Mitthe Clae. E. Matthe Clae. E. Matthe Clae. S. Steer, S. Sydney H. Girri Sydney H. Girri Gypsun Packet Gypsun Packet Gypsun Packet Gypsun Packet Gypsun Packet Milliam Markon S. W. Boyd, Per Robin. Jones & W. Boyd, Per Robin. Jones & Manicouagen & S. W. Boyd, Per Robin. Jones & Marson Guerte, Bo Sir F. W. Bordel Jones H. Bordel John Wert, Torr William Ber William Ber Marson Guerte, John Wert, Torr William Souch Judeson L. Gupti Judson L. Gupti J. N. Radnes, I. Joh Judson L. Gupti J. N. Radnes, I. Joh Judson L. Gupti J. N. Radnes, I. Joh Jone Fagnan, Bell John Ravanagh Judson L. Gupti J. N. Radnes, I. Joh Golove Ingersol J. B. Dav, Sr. J. B. Dav	Constwir Alibee I. Anher Adam G. Alexandr The Don Richard William Philip R. Cannidian R. P. Se Joseph J. P. Rive, John D.	Alton Russell, G. B. Diek, St. G. Constwise Stead Dominion Sand Gervain Chema Uniten Lelland
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West Point, N.S. East Bay, Que, Grand Mann, N.B. Grand Mann, N.S. Hackett's Cove, N.S. Hackett's Cove, N.S. Hackett's Cove, N.S. Spencer's Island, N.S. Southampton, Eng. Southampton, Eng. Southampton, Eng. Goderich, Ont. Westfield, N.B. Anticosti, Que Belle River, Ont Blelf River, Ont Bleff River, Ont Bleff River, Ont Bleff River, N.S. Laffave, N.S. Laffave, N.S. Lannenburg, N.S. Sand Bacch, U.S.A. Lannenburg, N.S. Flended, Ollio, U.S.A. Plended, Ollio, U.S.A. Plendant, N.S. All Mallone Bay, N.S. Callure, N.S.	Bath, Mo., U.S.A. Grand Desort, N.S. Mahone Bay, N.S. Portsmouth, U.S.A. Lunenburg, N.S. Caraquet, N.B. Loree, Quo. Port Mulgrave, N.S. Frone, Quo. Port Mulgrave, N.S. Caraquet, N.S. Tomodo, N.S. Caraquet, N.S. Anderban, N.S. Motechan, N.S.	N.S. U.S.A J.S.A S.A. S.A. S. S. S. S. S. S. S. S
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St. Andrews St. Andrews St. Andrews St. Andrews Lumenburg, Inalian Lumenburg, Narmouth St. John, N.B. Chatham, N.B		
	Granby No. 1. Grand Desert.  Grand Master.  Grandee.	(6738) Greetia. 25538 Greet Bangla. 7549 Griff. 2740 Griff. 2618 Gripsby. 2618 Gripsby
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Alternabitical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

LISTE ALTHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. 1b r 1 mons - .1bre orions . J.O., Joint owners - propriétaires conjoints; N.O., Managing owner - propriétaire géraut.

			8	GE	OR	GE	V,	A. 1	918
whet properties grane.	Owner or Managing Owger, and Address. Armateur ou propriétaire gérant, et adresse.	Caradian Bank of Commerce, Toronto, Ont David A. Foe, Montreal, Que. Loward L. Over, et al., Chester Busin, N.S. Lolon Caines, Burges, Nild. William G. Atkinson, Whithy, Ont. William G. Atkinson, Whithy, Ont. William A. Me Donald, Murray Harbour, P.E.I. Stephen Heisler, Indian Foint, N.S. Arthur V. Wood, et al., Vancouver, B.C. Sir Charles Pavidson and Peers Davidson, K.C., J. O., Montreal, Que. Edward Thomas, Ottawa, Out. John F. Hurdman, Ottawa, Ont.	Sydney L. Penhorwood, Sault Ste. Marie, Ont.	Sydney L. Penhorwood, Sault Ste, Marie, Ont.	Sydney L. Penhorwood, Sault Ste. Marie, Ont.	Sydney L. Penhorwood, Sault Ste, Marie, Ont.	Sydney L. Penhorwood, Sault Ste. Marie, Ont.	Edonard Boudrenult, Esquinnax Point, Que. Northern Dredking & Construction Co., Ltd., Loggieville,	Northern Dredging & Construction Co., Ltd., Loggieville, N. B., Harbour Commissioners of Montreal, Montreal, Que.
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or lore databas. J.V., about owners propuled are conjours,	Where Built. Lieu de construction.	Quebee, Que Dorval, Que La Have, N. S. La Have, N. S. Mantrowee, Wis, U.S.A. Cope Egenon, P.E.I. Cope Benon, P.E.I. Coptendate, N. S. Vieteria, B.C. Norval, Que Brete Lake, Que	Sault Sto. Marie, Mich.,	Sault Ste. Marie, Mich.,	Sault Ste. Marie, Mich.,	Sault Ste. Marie, Mich.,	Suilt Ste 'Marie, Mich.	Esquimaux Point, Que	Toroato, Ont 104 4
111111	Built-Construit en	9000 0 10 10 10 10 10 10 10 10 10 10 10 1	1895	1596	1896	1508	1595	1553	1910
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OT. KREEPS   J. D.	Port of Registry. Port d'enregistre- ment.	Quebee Montreal Haldiss Haldiss Haldiss Amenhourg Samn Charlottetown Desconto Lumenhourg Victoria Montreal Digby. Ottawa. Ottawa. Ottawa.	Sault Ste. Marie	Sault Ste. Marie	Sault Ste Marie	Sault Ste. Marie	Sault Ste. Marie .	Quebec Chatham, N.B	Chatham, N.B.
	Name of Ship Nom du navire	Gruss No. 1	11.11	Citi op and and	H. 43.	H. 41.	II. 45.	H. C. 3.	H C 4. No 5
	Official Number Numbro officiel	155.00 10	1342000	134371	134372	131373	134374	55750	126257

SESSIONAL PAPEL	R No. 22			
Harbour Commissioners of Montreal, Montreal, Que.	Harbour Commissioners of Montreal, Montreal, Que. Harbour Commissioners of Montreal, Montreal, Que. Harry Kavanagh, M.O., Canso, N.S. The Maritime Dredging & Construction Co., Ltd., St. John, The Maritime Dredging & Construction Co., Ltd., St. John, N.B. The Maritime Dredging & Construction Co., Ltd., St. John, The Maritime Dredging & Construction Co., Ltd., St. John,	Janes R. Mooney, St. John, N.B. The Maritime Dredging & Construction Co., Ltd., St. John, N.B. N.B. Antitime Dredging & Construction Co., Ltd., St. John, N.B. The Maritime Dredging & Construction Co., Ltd., St. John, N.B. Howe Sound Grave Co., Ltd., Vancouver, B.C.	B. C. Mills, Thug & Barge Co., Ltd., Vancouver, B.C. B.C. Mills, Thug & Barge Co., Ltd., Vancouver, B.C. John Wasson, et al., Two Islands, N.S. Goborn Phillips, Clark's Harbour, N.S. Howard Marray, Charlottetown, P.E.I., and Jeremiah Murray, Sydney, N.S. Wm. Smith, M. O., Lamenburg, N.S. The Morden Transit Co., Ltd., Midland, Ont. Frederick H. Albert, Neguer, N.S. Frederick H. Albert, Neguer, N.B. Frederick H. Albert, Neguer, N.B. Wm. Stone Rice, Puce, Ont. John L. Peck, et al., Hillsbore', N.B. John L. Peck, et al., Hillsbore', N.B. John N. Dussanlt, Les Ecurenils, Que. Schen, St. Albud, Que. St. Les Eurunils, St. Ahud, Que.	Charles M. Hicks and Arthur R. Hicks, Westport, N.S. Samuel Trott, Seaton, England. Warren A. E. Dykenna, Cambridge, N.B. The Gypsum Pakete Co., Ltd., Windsor, N.S. The Empire Refining Co., Ltd., Wallaceburg, Ont. Montreal Transportation Co., Ltd., Montreal, Que. John P. Westhaver, Sheet Harbour, N.S. Sayward Mills & Timber Co., Ltd., Victorin, B.C. Arthur Forest and Walter Duann, West Arichat, N.S.
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Montreal, Que	Sorel, Que. Montreal, Que. Tancock, N.S. Godeneb, Out. Goderich, Ont. St. John, N.B.	St. John, N.B. St. John, N.B. St. John, N.B.	Vancouver, B.C. Greenwich, N.B. Clarle's Harbour, N.S. La Have, N.S. Mahone Bay, N.S. Oak Orchard, U.S.A. Port Dahlousie, Out. Wellington, Out. Coverdale, N.B. Stee Erenwick, Que. Stee Geneviève de Batis-	cen, Que, Meteghan, N.S. Dartmouth, N.S. Dartmouth, N.S. Hantsport, N.S. Niagara, Ont. Sorel, Que. Sorel, Que. Hamilton, Ont. Sheet Harbout, N.S. Tacoma, Wash, U.S.A. Port Medway, N.S.
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k Montreal  Montreal  Montreal  Montreal  Montreal  K Montreal	Montreal.  Montreal.  St. John, N.B.  St. John, N.B.  St. John, N.B.		Vancouver. Vancouver. St. John, N.B. Barrington Passage. Lauenburg. Lanenburg. Port Hope. Midland. Chatham, N.B. Windsor, Ont. Moneton. Moneton.	oy. fax obn, N lsor, N treal treal oria rlotteto
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138 138 138 138 138	138 126 134 134	134 134 134 134 130	126 130 111 111 113 133 137 137 100 100 100 100 100	112 90 121 121 103 103 111 116 100 100 174

Liste alphabérique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Alphabetheal List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

		0 0001100 1,711 1010
wner propriétaire gérant.	Owner or Managing Owner, and Address. Arinateur ou propriétuire gérant, et ndresse.	W. H. Harris, Halibar, N.S.  H. LeBouthillier, Caraquet, N.B. Danael Thompson and Ino. McDowell, Pennfield, N.B. Stand & Dredging, Ltd., Toronto, Ott. Sta. Lawrence Bridge (*b., Ltd., Montreal, Que. W. S. Lozges (*b., Ltd., Chatham, N.B.) John E. and Roy C. Leshte, Spry Bay, N.S. Abrano Marhews, Campobello, N.B. Gilbert Renaud, *f ad., Buctonche, N.B. Gilbert Renaud, *f ad., Buctonche, N.B. Gilbert Renaud, *f ad., Buctonche, N.B. Milliere Alkinson, Tupe Jahad, N.S. Frad J. Cozgins, Westport, N.S. Milliere Alkinson, Taylahand, N.S. Frank Burnett, Birdsull, Out. E. C. Langill, M.O., Parrebaro', N.S. Frank Burnett, Birdsull, Out. C. C. Langill, M.O., Parrebaro', N.S. R. Ellenwood, Yarmouth, N.S. H. W. J. Naus, Hulfux, N.S. H. W. J. Naus, Hulfux, N.S. H. Woulton Co., Itd., North Sydney, N.S. H. W. Moulton Co., Itd., North Sydney, N.S. Ithe Ottawa, Transportation Co., Ltd., Ottawa, Ont. Frank Granville, Chatham, Ont. Medprick Ledhane, Little River, N.S. Arthur W. Porter, *de., Westport, N.S. Alichard Coolen, M.O. East Dover, N.S. Jas, Jl. Gard, Parrisono', N.S. John J. Berrigan, Canso, N.S.
80	Tonnage enregistré.	
Rin	Registered tonnage.	22,23,38,59,59,59,59,59,59,59,59,59,59,59,59,59,
Inn	Profonden en pieds et 10°s.	81-0001-004 X 1-000010 81-X0X80 X 0098404444
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ints	-	25
uju	Longth in feet and 10ths.	
Abbre attons - Ibrérations: J.D., Joint owners propriétaires conjoints; M.O., Managing owner propriétaire gérant	Where Built. Lieu de construction.	Cape Negro, N.S. Carraquet, N.B. Penatield, N.B. Poronto, Ont. Sored, Que. Shippean, N.B. Little Tancook, N.S. Baret Island, N.B. Mount Clentens, N.Y. Baret Island, N.B. Allaverped, N.S. Salmon River, N.S. Palmico, N.B. Laverped, N.S. Salmon River, N.S. Barnett's Mills Landing, United Harbor, N.S. Port Greentle, N.S. Barnett's Mills Landing, United River, N.S. App. Bary, N.S. Angele, N.S. Bartshore, N.S. Parrabore, N.S. Parrafook, N.S. Parrafook, N.S. Parrafook, N.S. Parrafoole, N.S. Parrafoole, N.S. Parrafoole, N.S. Parrafoole, N.S. Parrafoole, N.S. Parrafoole, N.S.
Joint	Isuilt—Construit en	1209 1209 1209 1209 1209 1209 1209 1209
récoutions: J.D.,	Rig. Gréement.	Sehr-Git Seh
. I blove suftonsa II	Port of Rogistry.	Barrington Passage Chatham, N.B. st. Andraws Sarol Coronto Sarol Laurobbare. St. Andraws Laurobbare. St. Andraws Fingston. Digby: Andraws Peterborough. Digby: Peterborough. Digby: Andraws Sarol Marmouth. Parssboro. Peterborough. Digby: Andraws Sarol Marmouth. Barrsboro. Peterborough. Digby: Andraws Sarol Marmouth. Marmouth. Marmouth. Sarol Marmouth. Sarol Marmouth. Sarol Marmouth. Sarol Marmouth. Sarol Marmouth. Out. Sar. Undraws. Chatham. Out. Sar. Undraws. Marmouth. Marmouth. Sar. Undraws. Sar. Mardaws.
-	Name of Ship	11.50   11.5
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SE	SSI	IONA	L PA	PER	No.	22
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SESSIONAL PAPER No. 22		
Wm. L. Quinlen, Clarke's Harbour, N.S.  D. O. Kendrick, et al., Shug Harbour, N.S.  Radolph Campbell, et al., Freeport, N.S.  E. W. A. Donno, Carleton Village, N.S.  W. Hames, Campbello, N.B.  William C. Smith, M.O. Lanceburg, N.S.  Jannes T. John W. and Clarkes J. Hawley, Ingonish, N.S.  Grant Pyke, Wolfe Island, Ont.  N.B.  Northern Dredging & Construction Co., Ltd., Loggieville, N.B.  N.B.  N.B.  N.B.  N.B.  N.B.  N.B.  Namurel Hart, Jannieu, B.W.I.  Samuel Hart, Jannieu, B.W.I.  Samuel Hart, Jannieu, R.W.I.  Samuel Hart, Jannieu, R.W.I.  Samuel Hart, Jannieu, Carned Manan, N.S.  George H. Herman, M.O., La Have, N.S.  George H. Herman, M.O., La Have, N.S.  John H. Young, St. Jacques, N.H.  Cyrus Lovy, Owls Head, N.S.  Benjamned Chariner, Grand Manan, N.B.  John H. Young, N. Jacques, N.H.  Obudah Richard, Lallave, N.S.  Benjamner Chamieklam, N.S.  Benjamner Chamieklam, N.S.		
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Marrington Passago. Barrington Passago. Bhighura. St. Andrews. Lauenburg. Sydney, N.S. Kingsyn. Khingsyn. Chatham, N.B. St. Andrews. Lanenburg. St. Andrews. Ilaina. Lanenburg. Lanenburg. St. Lanenburg.	Marriogton Passage Sehr- Guderich 1889 Sehr- Arichut Sobr- Port Hawkesbury Sehr- Montreal Sehr- Port Hawkesbury Schr- Toronto Sebr- Sehr- Montreal Sobr- Barrington Passage Sloop- Barrington Passage Sloop- Barrington Passage Sloop- Port Hawkesbury Schr- Halfax Schr- Halfax Schr- Iverpool Sehr- Schr- Iverbucton Port Hawkesbury Schr- Iverbucton Sehr- Schr- Iverbuut Schr- Iverbuut Schr- Iverbuut Sehr- Schr- Iverbuut Schr- Iverbuut Sehr- Schr- Iverbuut Sehr- Iverbu	
Hattie Quinlen Hattie & Eva. Hattie & Eva. Hattie & Im. Havelock Havelock Havelock Haybard Haybard Hayward & Hayward & Hazel Hazel Hazel Hazel & Miler Hazel & Lierman	liazelwoode lieuther Belle lieuther Belle lieuther lieuth	reign mania miemoi.
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Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Unrenations thereations: J.D., Joint owners propriétaires conjoints; M.O., Managing owner propriétaire gérant.

			8 GEORGE V, A. 1918
	Owner or Managing Owner, and Address. Armateur on propriétaire gérant, et adresse,	Jus. Reyno, Herring Cove, N.S.  Bad T. Costam Mininegash, P.E.I. Bandel D. Landry, Graquet, N.B. Bandel D. Landry, Gradueth, N.B. Munt Corkum, Chester, N.S. Montreal Temportation Co., Ltd., Montreal, Que. Montreal Temportation Co., Ltd., Montreal, Que. Mosch Moerier, Quebec, Que. Milled Mercier, Quebec, Que. Marshine A. Marchondt, Souris, P.E.I. John Malcom, et al., Port Malcolm, N.S., John T. M. Rea, Harbour Grace, M.B. Froducer's Rook & Gravel Co., Ltd., Victoria, B.C. Trollier's Rook & Gravel Co., Ltd., Victoria, B.C. To Aliner's Rook & Gravel Co., Ltd., Victoria, B.C. Robert Keinedy, Judhaye, Charlevoix Co., Que. Robert Keinedy, Judhaye, Que. Mapoleen Simard, St. Alphonse, Que. Win, Fruing & Co., Ltd., Jersey, C.J.	Mrs. Jos. McDonald, Matane, Que. The British Yukon Navigation Go., Ltd., Vancouver, B.C., Lancander, St. Aubin's, Jersey, C.I. James Redmond, North Sydney, N.S. Matthew Thomas, Tecorby Ont. G. H. Hiltz, Joséport, N.S. Gompanio Erlene Dassult, Levis, Que. B. R. Storey, et al., Causa, N.S. Companio Erlene Dassult, Levis, Que. B. R. Storey, et al., Causa, N.S. P. River, Garaquet, N.B. T. Caraquet, N.B. T. M. McKelvey, et al., St. John, N. B. M. McKelvey, et al., St. John, N. B. Gos, Bothwell, Backingham, Que. Gos, Bothwell, Backingham, Que.
	Tonnage enregistré.	102 9 1 1 2 2 2 2 1 2 2 3 3 3 3 3 3 3 3 3 3 3	Tormare samous s
	Profondeur en pieds et 10es. Registered tonnage.	@@\@\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
	Depth in feet and 10ths.		P40040000044XX00
-	Breadth in fect and 10ths.		12552555555555555555555555555555555555
	Longueur en pieda et 10es.	\$244888224688888 \$24488824668888	28552882828282828252821 0600000000000000000000000000000000000
	Length in feet and 10ths.		
	Where Built. Lieu de construction.	Port Medway, N.S. Vanconver, B.C. Muninegash, P.E.I. Lower Canaquet, N.B. Jeddore, N.S. Tusket Wedge, N.S. Grand Manan, N.B. Hallbace, N.S. Beckerton, N.S. Hardhave, N.S. Hardhave, N.S. Hardhave, N.S. Wood's Hurbour, N.S. Woleber, Obe	Quebec, Que Bennett Lake, B.C. Tracadae, N.B. Lanenburg, N.S. Port I., Berr, N.S. Port I., Berr, N.S. Fort I., Berr, N.S. Charquet, N.B. Charquet, N.B. Charquet, N.B. Charquet, N.B. Charquet, N.B. Chardret Basin, N.S. Chardret Basin, N.S. Pietri Sapin, N.B. Bucknaghum, Que
	Built Construit en	1880 1983 1983 1983 1983 1984 1985 1885 1885 1885 1885 1885 1885 1885	15.00 10.00
	Rıç. Gréement,	Schr-Git Schr-	Sehr Glt
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	Name of Ship	Hesperus . Hisperus . Hisperus . Hibbert C Hibbert S Hilda Hilda Hilda Hilda Markuan Hilda Mar le	
	Ilic al Imber Imero Iverel	117.4 12.12.7 12.12.12.12.12.12.12.12.12.12.12.12.12.1	116933 92403 92403 9205 125,89 126291 126291 126891 106896 1072541 1072541

SESSIONAL PAPER No. 22	
199 Quinlan & Robortson, Ltd., Montreal Quo. 1 Michael D. S. Brown, M.O., Halifax, N.S. 2 J. D. Ricelin, Halifax, N.S. 24 J. S. Brown, M.O., Halifax, N.S. 25 J. Charles, Morten, Montreal, Quo. 26 J. Geward, A. D. Morgan, Montreal, Quo. 27 Galf of Georgia Towing Co., Ltd., Vancouver, B.C. 28 Gale, F. McRaw, Baldclee, N.S. 27 Gale, F. McRaw, Baldclee, N.S. 27 Sedas Obrer, Vancouver, B.C. 27 Sedas Obrer, Vancouver, B.C. 27 Sedas Obrer, Vancouver, B.C. 27 Sedas Obrer, Mancouver, B.C. 28 Robert Weddell, et al., Treation, Ont. 28 John Campbell, St. Am's, N.S. 41 Mat. Bouterage, McLaw, Que. 29 John Campbell, St. Am's, N.S. 41 Chas, Porrall, Sindwich, Ont. 41 Chas, Porrall, Sindwich, Ont. 42 C. A. Shatford and Whitany Corkom, Choster Basin, N.S. 43 Goo, T. Doma and F. W. Thomson, J.O., Owen Sound, Out. 44 Goo, T. Doma and F. W. Thomson, J.O., Owen Sound, Out. 45 J. Mrs. Norris Ogilvie, Parisboro, N. S. 46 Goo, R. Lyzaut, et al., Dorthester, N.B. 47 Mrs. Norris Ogilvie, Parisboro, N. S. 48 Loseph Pouger, Larry's River, N.S. 49 Arthur Ramery, Larry's River, N.S.	
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29	272427447845
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Montreal, Queshabatane, N.S. Bartanogla, N.S. Boartanogla, N.S. Boartanogla, N.S. Boartanogla, N.S. Kingston, Ont. Loggieville, N.B. Nanaimo, B.C. Vancoavov, B.C. Vancoavov, B.C. Vancoavov, B.C. Vancoavov, B.C. Welland, Ont. Barterboordin, N.B. Gabarus, N.S. Berginiana, Pont, Queshapingan, N.B. Shippigan, N.B. Shippigan, N.B. Shippigan, N.B. Shippigan, N.B. Crappud, P.E.I. S. Martin's N.B. Kingsville, Out. Shippigan, N.B. Ship	State there, N.S. East Pobnico, N.S. East Pobnico, N.S. Tosket, N.S. Shelberno, N.S. Shelberno, N.S. Shelberno, N.S. Stablerno, N.S. Stablerno, N.S. Stablerno, N.S. Stablerno, N.S. Fort William, Outter Freeport, N.S. Fort William, Outter Freeport, N.S. Tosket, N.S. Tosket, N.S. Tosket, N.S. Tosket, N.S. Tosket, N.S. Tosket Worke, N.S. Grand Mann, N.B. Barrington, N.S. Gonquenil Bank, N.S. U.S. A. U.S. A
1912 1902 1903 1903 1903 1903 1903 1803 1803 1803 1803 1803 1803 1803 18	1905 1906 1906 1906 1906 1906 1906 1906 1906
Scow—Chd Sloop Sloop Sloop Sloop Scow—Chd Schr—Git Scow—Chd Schr—Git Schr—G	
Hogh Quinlan Montreal Hufflax Humbug Hufflax Humbug Pressort Huster Hust	M. Caurnogumm M. Zineck M.
130937 H. 126774 H. 126774 H. 103587 H. 1007587 H. 130653 H. 130653 H. 110529 H. 110529 H. 12607 H. 12607 H. 12607 H. 17607 H. 17	120317 14 131172 14 131172 14 13566 14 17731 14 11731 16 11677 14 10777 16 10777 17 10777 17

Mephabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

LISTE ALFHANÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917.

		8 GEORGE	V, A. 1918
owner -propriétaire gérant.	Owner or Mannging Owner, and Address. Armaleur ou propriétaire gérant, ot ndresse.	Mrs. M. S. Crujekshank and C. B. Traffis. J. O., Sydney, N., S. Edward Boswell and J. J. Lord, Victoria, P.B. I. The Ottewn Transportation Co., Idd., Ottawa, Ont. Credit Ross, M. O. Gape Baland, N.S. William Q. Stobo, Queber, Que. Leffery Sampson, M. O., Dower, N.S. The Barge Ireland Co., Ltd., Montreal, Que. Wm. Fruing & Co., Ltd., Tersey, C.I. Arthur Bouline, Tarrier, Talifux, N. S. R. T. Melleeth, Haldiax, N. S. Leo Corkum, M. O. La Have, N. S. R. T. Melleeth, Haldiax, N. S. Lodger Yingeau, Ffortewille Que. The Arthus Sand Co., Ltd., Montreal, Que. The Arthus Barge Construction Co., Ltd., Montreal Colonial Lumber Co., Ltd., Montreal, Que. The Barge Menoninee Co., Ltd., Montreal, Que. The Barge Menoninee Co., Ltd., Montreal, Que. Ganada Steamship Lines, Ltd., Montreal, Que. Galbert Sharon, Belle River, Ont. The Posiviant Tong & Towing Co., Ltd., Wiarton, Ont. The Revirsal Tong & Towing Co., Ltd., Wiarton, Ont. The Revirsal Toward Commerced, Toward, St. Carbarines, One, and A. Sangster, Iroquois,	Ont. E. S. Doucette, Cape St. Mury's, N.S. Farak Ingesoll, Grand Manan, N.B. John E. Russell, Toronto, Ont. H. P. Bowers, Westport, N.S. Michael J. Hogan Montreal, Que. Karbier Rilecy, M.O., Riverport, N.S. Xavier Poirier, New Bandon, N.B.
ging	Tonnage enregistre.	158 23 23 23 23 23 23 23 23 23 23 23 23 23	242 242 31 100 100
Minas	Prolondeur en pieda et 10ea.	C0LX000004++001-+0 0C0 =-000	
0	Largeur en pieds et 10ea. Depth in leet and 10ths.	2000 - 200 -	
M	Breadth in feet and 10ths.	32026 321 3428378203233233	
inta	Length in feet and 10ths.  Longueur en pieds et 10ee.	100 100 100 100 100 100 100 100 100 100	32 0 32 0 73 0 73 0 73 0 73 0 35 0 35 0
Threngtons: J.O., Joint owners-propriétaires conjoints; M.O., Manging owner-propriétaire gérmet	Where Built. Lieu de construction.	Sable River, N. S. 40 1  Shelhure, N. S. 43 0  Sheekland, Ont. 30 0  Quebec, Que 110 1  Tancokylo, Ont. 110 1  Carraylor, N. B. 37 9  Carraylor, N. B. 77 1  Little Tancook, N. S. 117 0  Carraylor, N. B. 73 1  Ext. Martin S. N. B. 112 8  Randowac, N. S. 112 8  Randowac, M. S. 113 6  Kuppewa Lake, Que. 50 0  Manticwac, Mis. U. S. A. 164 9  Sored, Que. 50 0  Kuppewa Lake, Que. 50 0  Exchince, Que. 51 1  Exchince, Que. 52 5	Cape St. Mary's, N.S. Shelburne, N.S. Toronto, Ont. Freeport, N.S. Lunenburg, N.S. Caraquet, N.J.S.
Joint	Built-Construit en	1900 1900 1900 1900 1900 1900 1900 1900	1901 1905 1905 1903 1910 1892
erialisms' J.O., Jo	Rig. Greement.	sehr Glt. Sehr Glt. Share- Chil Barge- Chil Barge- Chil Sehr Glt. Sehr Glt. Sehr Glt. Sehr Glt. Sehr Glt. Sehr Glt. Shop. Barge- Chil Shop. Shop	Schr—Glt Schr—Glt Schr—Glt Fehr—Glt Schr—Glt Schr—Glt Schr—Glt Schr—Glt
. Ibbre mitons .1	Port of Registry. Port d'onegistro- ment.	Halifat Charlottet wa Ottawa Bernaria Bernaria Montreal Chatham, N.B. Lamenburg Lamenb	Digby. St Andrews Torogto st John N B St Cathurines Lumenburg Chatham, N B.
	Name of Ship Nom du navire.		lsis. Idand Garl Island Garl Islander. Isma Isobel Itaaks Ivadhoe
	Official Number Suméra officiel	103171 10	111530 103121 103121 103045 112053 100997

	, Que.	
William O'Brien, Dingwall, N.S. F. R. Eaton, Parrsboro', N.S. Danisl J. Rudolf, Lumenburg, N.S. Chus, S. Coggiu, S., John, N. Pacific Line Co, Ltd., Vancouver, B.C.	A. Dufour and Mrs William Tremblay St. Fidele, Que. John B. Edgare, et al., Huffields Point, N.B. Alfred Temblay, Grandes Bergerchanes, Que. Ameras Reddy, Boylston, N.S. Joseph Briggs Parkin, Lindsay, Ont. Joseph Briggs Parkin, Lindsay, Ont. Joseph Crane, New Westminster, B.C. Joseph Landson, M.O., St. Simeon, Que. Charles Lajoie, M.O., St. Simeon, Que. Jervis Intel Canning Co., Ltd., Vancouver, B.C. Jervis Intel Canning Co., Bobengeon, Ont. W. J. C. Boyd, M.O.,	684 Gypsum Packet Co. Ltd., Windsor, N.S.
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50 2 122 3 36 5 40 0 148 0	\$3329\$	136 6
Dingwall, N.S. Quebeo, Que. La Have, N.S. Wickham, N.B. San Francisco, Cal., U.S.A.	Bergeronne, Que Bellisle Bay, N.B. Grundes Bergeronnes, Q. Lindasy, Ont. Vancouver, B.C. Vancouver, B.C. Vancouver, B.C. New Westminster, B.C. Sherveston, Ont. Chateule, N.B. Sterveston, B.C. Sterveston, D.C. Lindary, Ont. Lindary, Ont. Lindasy, Ont. Lindas	1909 Mariners Harbour, N.Y. U.S.A
1911 1877 1898 1871 1881	1917 1918 1919 1919 1919 1919 1919 1919	
Sehr-Glt Bk-Bg Sehr-Glt Schr-Glt Barge-Chd	Setr-Git. Setr-Git. Setr-Git. Setr-Git. Setr-Git. Seow-Chd. Setr-Git. Seow-Chd. Seow-C	Scow-Chd
Sydney, N.S. Quebec Lanenburg St. John, N.B	Quebec St. John, N.B. Quebec Indidax Indidax Indidax Indidax Vancouver New Westminster New Wes	E Co. No Windsor, N.S Scow—Chd
14 Ivetta 122 Ivigtut 16 Ivy 192 Ivy 23 Iwalani	Reserved to the result of th	55 J.B. King & 36
130364 74292 107116 66992 138523	188518 188332 188332 188332 18791 18161 111816 111816 111816 184572 184572 184572 184572 184572 184572 184572 184572 18757 187	130255

Pormerly a steamer.

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1917.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917.

Abbre entrone Abréventions: J.O., Joint owners propriétaixes conjoints; M.O., Munaging owner- propriétaire gérant

Largeut en pieds et 10es.  Depth in feet and 19ths. Prolondeur en pieds et 10es. Registered tonnage. Tonnage enregistré.	May, Dutney, et al., J. O., Murray River, P.E.I. Robert Hendsbay, Half Island Crove, N.S. John B. Yuang, M.O., Laurenburg, N.S. A. I. Young, M.O., Laurenburg, N.S. A. I. Young, Martin's River, N.S. and J. B. Mosher, Lunenburg, N.S. J. Daniel Romkey, M.O., Lat Huve, N.S. J. Elleppell, Bio, Que. John E. Ruyel, Sault Ste. Marie, Out. John E. Bayel, Sault Ste. Marie, Out. John P. Bond, d. Ld., Torone, Ont. The Ottawa Transportation Co., Ldd., Ottawa, Ont. Joseph S. Benndet, Ste., Emelie, Que. Joseph S. Benndet, Ste., Emelie, Que. Joseph S. Dayanne, Les Eboulements, N.S. William C. Smith, M.O., Tignish, P. E.I. Ad., Ottawa, Ont. Helotine, Hermigur, et al., Cluesher Hastin, N.S. William C. Smith, M.O., Lanenburg, N.S. Helotine, Hermigur, et al., Cluesher Hastin, N.S. William C. Smith, M.O., Lanenburg, N.S. Helotine, Hermigur, et al., Cluesher Hastin, N.S. William C. Smith, M.O., Lanenburg, N.S. Joseph S. Bond, A. Chiveler Hastin, N.S. Helmigur, et al., Toronko, Out. Joseph R. Bond, J. Oronko, Out. Joseph R. Band, Gasse, Ldd., Toronko, Ont. Joseph R. Malon, Adarcaal, Que.
Топпяце ептедыцте.	45111111111111111111111111111111111111
Registered tonnage.	
Protondeur en pieds et 10es.	600000 00000 0000000000000000000000000
Largeur en pieds et 10ce. Depth in leet and 19ths.	
	282878787878787878787878787878787878787
Longueur en pieds et 10es.	######################################
Length in feet and 10ths.	2010 2010 2010 2010 2010 2010 2010 2010
Rig.  Rig.  Mailt—Construit on.  Longth in feet and 10ths.  Longth in feet and 10ths.	Margaretville, N.S. Mantosvee, M.S., U.S.A. Liverpeal, N.S. Lordan River, N.S. Lordan River, N.S. Lordan River, N.S. Freeport, N.S. Freeport, N.S. Bite, Que, Sault Sie, Marie, Ont Sault Sie, Marie, Ont Chengo, H. U. S.A. Sault Sie, Marie, Ont Hull, Que, N.S. Shelbarne, N.S. Shelbarne, N.S. Ste, Emelio, Que, Hull, Que, N.S. Ste, Emelio, Que, Lignish, P.E. Linnenburg, N.S. Ste, Emelio, Que, Linnenburg, N.S.
Built-Constrnit en.	25.25.25.25.25.25.25.25.25.25.25.25.25.2
Rig. Grévineat.	Sehr - Git
Port of Regulty.	Relevable Arreba. Lancabarg Linguebarg Halfax Linguebarg Halfax Linguebarg Halfax Linguebarg Linfax Sault Ste Marre Cortono Cortono Cortono Cortono Cortono Cortono Cortono Marre Sault Ste Marre Sault Ste Marre Sault Ste Marre Contrasa Cortono Cortono Marre Cortono Cortono Marre Cortono Marre Cortono Cortono Marre Marre Cortono Marre Mar
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## Alpharetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

Liste alphabitique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917.

			8 GEORGE V, A. 1918
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SESSIONAL PAPER No. 22		
Mark Henry Bonnell, Murray River, P.E.I. P. Rive, Caraquett, N.B. Joseph Lavoio, St. Jaco, Quo. Joseph Desgagaca, Anso St. Jean, Chicoutimi, Que. Joseph Desgagaca, Anso St. Jean, Chicoutimi, Que. L. Burke, Botsford, M.B. F. N. Newell, M.O., Cape Island, N.S. Constant C. Church, Chester, N.S. Wilfred Guimont, Matune, Que. W. H. Anderson, Parker's Cove, N.S. Lorenzo C. Watt, North Head, Graud Mann, N.B. Schooner Jost, Limited, Lancasker, N.B. Henry H. Rancroft, Graud Mann, N.B. Arthur Poirrier, Desconse, N.S. Henry E. Prowso, Murray Hurbout South, P.E.I. Simon Burk, Cocago, N.B. Henry Daryaw, Wolfe Island, Ont. Jonella, Komede, et al., Ingonish, N.S. James A. Low, Port Dover, Out. John L. Kennedy, Garden River, Ont. Jos. Belanger, Rivière Trois Pistoles, P.Q. Arthur Boivin, Cup Chut, Que. W. H. Hurdman, Ottawa, Out. The Ottawa, Transportation Co., Ltd., Ottawa, Opt. Om. Harris, Montreal, Que. Om. Harris, Montreal, Que. Com. Poc. Care & Pass, Transfer Co., Ltd., Prescott, Ont.		John J. Cooker, N. Vetoniaster, B.C. and George C. McKeen, Vancouver, B.C. and George C. McKeen, Vancouver, B.C. William A. Seringcour, Amherst, N.S. John Foreman, Montrell, Que. Labin S. Chaisson, Eastern Harbour, N.S. Clarence W. Anderson, Sherbrooke, N.S. F. T. B. Young, M.O. Charquet, N.B. Norbert Duval, Contreocur, Que. Richard Turner, Quebec, Que. Richard Turner, Quebec, Que. Richard Turner, Quebec, Que. Richard Turner, Charlesport, N.S. Thomas E. Sherwood, New York, N.Y., U.S.A. Denis Parcent, Tecamsch, Ont, J. Denis Parcent, Tecamsch, Ont, Wn., Fring & Co., Lid., Jersey, C.I.
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Alpharetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

LISTE ALTHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917.

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owner propriétaire gérant.	Owner or Muniging Owner, and Address. Arnuteur ou propriétuire gérant, et adresse.	Albert MeArthur, St. John, N.B. Edwin Creasor M.O. Lat Have, N.S. Loseph, T. Donolus, et al., J.O., Murray Bay, Que. Richbert, T. Bonombus, et al., J.O., Murray Bay, Que. Richbert, S. Shamwhite, Terearde Bay, N.S. John Agnew, Alberton, P.E.I. Gilbert McDonald, River Hourgeois, N.S. Olohn J. Murphy Campbellton, N.B. Grant Horne, Kingston, Ont., and The Laudhaw Co., Ltd. Issue Gagne, Anchor Point, Nifd. David M. Jackson, Tidnish, N.S. C. J. McCallum, Port Colborne, Ont. Canada Shipping Co., Ltd., Montreal, Que. J. McNeil, Port Linwischurg, N.S.	Quinna & Robectson, Ltd., Montread, Que. Prospect, N.S. Clifford Reynolds, Port La Tour, N.S. John W. Dunphy, South Ingonish, N.S. Alex, J. Taylor, Wood Blands, P.E.I.	Wallace Rupert Ternbull, Rothesay, N.B. Francis Burnet and James D. Simpson, Birdsalls, Ont. IR C.B. Kaye, S.L. Ohn, N.B. IR C.B. Kaye, S.L. Ohn, N.B. St. Lawrence Fridge Co. Ltd., Nottreal, Que. S. St. Lawrence Fridge Co. Ltd., Montreal, Que. S. S. Tergory, St. Ohn, N.B. The J. G. Rene Transportation Co. Ltd., Montreal, Que. B. S. Gregory, St. John, N.B. Tha J. S. Browball Co., Ltd., Chatham, N.B. Chas, Lyons, M.C., Charlottelown, P.E.I. Ribidoux Sand Co., Ltd., Montreal, Que. Renak Pendleton, West Isles, N.B. Otyad Akthesa and Redderf Mileton, Apple River, N.S.	Rohn, Jones, & Whitman , Lig., Haman, 18.5.
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<sup>3</sup>Formerly F.D. <sup>2</sup>Formerly "Indiana."

## SESSIONAL PAPER No. 22

SESSIONAL PAPER No. 22
Willian J. Pourpore, Montreal, Que,  Wot, Fruing & Co., Led., Jersey G.I.  Howard Hartlung, et al., Spanish Ship Bay, N.S.  Housend Hartlung, et al., Spanish Ship Bay, N.S.  Mary June Daley, Commercial Cross, Lot 59, P.E.I.  The C.S. Boone Dredging & Construction Co., Ldd., Toronto,  Ont.  Montreal Transcortation Co., Ldd., Montreal, Que,  Ratrick Relly, Turtle Portage, Que,  Alfred R. Bissett, Vancouver, B.C.  Incort of Sand & Gravel Co., Ldd. Toronto, Ont.  Alfred R. Bissett, M. B.  Alfred R. Bissett, B.C.  Alfred R. Bissett, B.C.  A. Morton, Centerville, N.S.  Lyon Cohen, Montreal, Que.  Lyon Cohen, Montreal, Qu
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Alphanetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

Liste altriaufrique des navires à volles inscrits dans les régistres maritimes du Canada au 31 décembre 1917.

As resulture Abremmen. J.O., Joint owners propriétaires conjoints; M.O., Manuging owner propriétaire gérant.

Edmand Thivierge, St. Antoine, 1sle aux-Gruer, Que Armuteur on propriétaire gérant, et miresse. Owner or Manuging Owner, and Address Lake Winnipeg Shipping Co , Ltd , Winnipeg, Man. Lake Winnipeg Shipping Co., Ltd., Winnipeg, Mun. Lake Winnipeg Shipping Co., Ltd., Winnipeg, Man. Wm. Bouchard, Sr., et al., J.O. St. Simcon, Que. Revillion Bros. Ltd., Montreal, Que. John Forrestall, Auld's Cove, N.S. Ż Edmond Lizotte, Pierreville, Que.
Joshu Presecte, St. Martin's, N.B.
Lange Aché, Lamek, N.B.
John S. Noel, Shippgan Jeland, N.B.
L. Michaud, 14e Verte, Que.
L. Michaud, 14e Verte, Que. 1 F. Savard, St. Simtéen, Que.
2 Edmond Puize, Mile Vietnes, Que.
3 Lossph Lavoir, St. Friebr, Que.
1 Dolphn Langlois, Isle nux Grues, Que.
1 Mose Chemi, Grand Machines, Que.
2 W. H. Dwyer Co., Ltd., Ottown, Out.
3 Gonzague Singrid, St. Simtéons, Que. Jules Tremblay, Les Elboalement, Que Louis Leebere, Kamournsku, Que-Malcolm Hovington, Bon Désir, Que-N. Levesque, Green Island, Que. Daniel D. Landry, Garaquet, N. B. Prudent Gallien, Caraquet, N.B. Emile Dumont, Tadoussac, Que. Theodore Clautier, Moisse, Que. Limb Guerin, S. Simbon, Que. Grant Pyke, Kingston, Ont 83cz55z8888884 8 8cz58888884 Tonnage enregistré. 423 458 101 99 16 16 Registered tonnage. Prolondeur en pieds et 1000 0 0 0 000 20 Depth in feet and 10ths Largeur en pieds et 10es. Carcescones o 511372372312 511372372312 511372372312 33.5 0 33 33 Breadth in feet and 10ths 40 0 Longueur en pieds et 10m 188 5 179 5 5 98 Length in feet and 10ths. Green Island Que. Caraquet, N. B. St. Jean, Island of Orleans. St. François da Lac, Que. St. Martin's, N.B. St. Jean des Chaillons, Lieu de construction bower Caraquet, N B. Anse St. Jean, Que Rivière Chade, Que. Rivière Chade, Que Merigonish, N.S. Bate St. Paul, Que Petite Rivière, Que Where Built Bue St Panl, Que Simfon, Que. Doguernent, Que Mr. Simbon, Oar. Chreoutimi, Que Caraquet, N B. 1ste Verte, Que. up Nunth, Que Winniperg, Man. Winnipeg, Man. Winnipeg, Man. I amek. N B. 7 115 Built-Construit on burge-Clid Gréennent burge ('hd Surger Chil ಕರಿಕಕಕ Schr Gir Rig. Schr Git Schr Glt chr-Port d'enregastre-Port of Registry hatham, N. B. hatham, N. B. batham, N. B. hathum, N B Chatham, N. B. hatham, N Irtou, N.S. Winnipag Winnipy Winniper Jurine June S Co, Ltd S (5, Ltd S Co. Ltd L'Etorle de la Mer L'Étorle de la Mer L'Étorle de Mer.. L'Espérance en Mari La Clerina La Doucet La Jeube Perdrit turore Boreale La Marne Reine La Marnaère. La Mode.. Nom dianistro Name of Ship udiciette. Venine la Berard I. Frank 2400 11.79v 11.119 11 10 30 Official 34255

## SESSIONAL PAPER No. 22

Fig. Principle   Appendix   Seth-Git   Set	Charles Simard, St. Aleus, Que. F. X. Morin, St. Siméon, Que. M. N. Amiro, 1504 Brook, N.S. Joseph Cornad, M.O. La Ilave, N.S. The Ottawa Transportation Co., Ltd., Ottawa, Ont. Charles Judge, St. Andrews, N.B. Alva B. Small, Grand Manun, N.B. Sidney, C. Olinad, Darkmouth, N.S. Docité Fougère, River Bourgeois, N.S. Robert Brenson, North Sydney, N.S. Zenson Castonguay, Rivierte Blunche, Margaret Harbour, N.S. Zenson Castonguay, Rivierte Blunche, Margaret Harbour, N.S. Andrew Beachel, Victoria, B.C. W.S. Andrew Beachel, Victoria, B.C. Paul Le Blanc, Poulamon, N.S. Andrew Beachel, Victoria, B.C. R. A. Paulim, Lamek N. B. Abert And Haren B. Ederar, Kars, N.B. The Minister of Marine and Fisheries, Ottawa, Out. Liseph Jacques, Michina, Que. Camille Aché, Lamek, N.B. Lyon Cohen, Montreal, Que. Robin, Jones & Whitmun, Lud., Halifax, N.S. Henry F. Calskill, M.O. Gegoggin, N.S. Joseph Doueett, Rexton, N.B. Harry F. Calskill, M.O. Gegoggin, N.S. Loon, Talouset, Que. The Minister of Lands, Mines & Fisheries of Prov. Que, Que. The Minister of Lands, Mines & Fisheries of Prov. Que, Grifford D. Arkinson, Caple Jaland, N.S. Harry E. Cansbell, Soult, Whvecoomach, N.S. Harry E. Campbell, Soult, Whvecoomach, N.S. Harry E. Camphyli, Loudenger, N.S. Francois Bouchard, Queber, Que. Phaner and Coin, Chelcivamp, N.S. Francois Bouchard, Queber, Que. Phaner and Coin, Chelcivamp, N.S. Francois Bouchard, Queber, Que. Phaner and Coin, Chelcivamp, N.S. Francois Bouchard, Queber, Que. Phaner Andrew Gels, Public, Shippigan, P.B.I. France Lawret au Coin, Chelcivamp, N.S. Francois Bouchard, Queber, Que. Phaner A. Delley, W. Oling, P.B.I. France J. Delley, P.B.I. France J. Delley, P.B.I. France J. Delley, P.B.I. France J. Delley, P.B.I. France	ISHACA, IIOphina, manas, m. c.
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Altenantriem List of Sailing Vessels on Registry Books in Canada, December 34, 1917.

Listy altrigue des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917 111 a o s. 1br. at ons. 3.0., John owners, propriétaires conjoints; M.O., Managuez owner, propriétaire gérand

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	Owner or Manager Owner, and Address, Armaleur on propriétuire pérant, et adresse.	Laurn & Leitch Engineering & Construction Co., Ltd., Montreal, Que	Jas. Doncette, Mavilette, N.S. D. Surcher, Narolla, N.S. Frank M. Marray, Campbellton, N.B Xavier Gagne, Tidonsie, Que, Xavier Gagne, Tidonsie, Que, Consi Jer'darre, Kammorraka, Que, Gans Jer'darre, Kammorraka, Que, A. Talbot, Cap St. Igmece, Que, Milman Charland, Montreal, Que, A. Talbot, Cap St. Igmece, Que, Simon Peters, Quebee, Que, Cap St. Igmece, Que, Milman Charland, Montreal, Que, Fidel Jaliberte, St. Jean des Chaillons, Que, Fidel Jaliberte, St. Jean des Chaillons, Que, Nazere Legere, Gracquet, N.B. Frederick V. Peters, St. John, N. B. George, A. Cas, Sheldman, N.B. George, A. Cas, Sheldman, N.B. Homus, Ganther, Montreal, Que, N. Atthor St. Pierre, Bie, Que, N. St. Loggies R.G., Led., Chatham, N. B. Canadian Deedgang Co., Led., Chatham, N. B. Canadian Deedgang Co., Led., Malland, Unt. Wilson Trenbolm, Port Elgan, N. B.
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<sup>2</sup> Poreign name "Ahnn." <sup>3</sup>Foreign name, "Quick Step. <sup>4</sup> Foreign name "Theodore Roosevelt", <sup>1</sup> A recovered wreck

Liste altravérique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Alfunantitical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

1		
J.O., Joint owners propriétuires conjoints; M.O., Managing owner propriétaire gérant.	Owner or Managing Owner, and Address. Armateur ou propriétaire gérant, et adresse.	Witter P. Leonard, S. Lohon, N. R. Winter P. Leonard, S. Lohon, N. R. Winter P. Leonard, S. Lohon, N. R. Winter P. Leonard, S. Lohon, N. R. G. A. Mallett, Gilbert Cove, N. S. G. A. Mallett, Gilbert Cove, N. S. Lyon Cohen, Mortreal, Que. Andrew Millar, St. John, N. B. Lohn Chiasson, Eastern Harbour, N. S. Marvey Goodwin, Pubnico, N. S. J. Harderl, River N. B. J. D. Indella, River N. S. J. D. Hardel, Kare, N. B. L. D. Jandeld, Kare, N. B. Existe M. D'Enternent, M.O., Pubnico, N. S. Miss Mary E. Shields, Alma, N. B. Existe M. D'Enternent, M.O., Mavillette, N. S. Barnel S. Miller, Alborton, P. E. I. Frank J. Harris, Varmouth, N. S. J. Ellis, Port Maithand, N. S. J. Ellis, Port Maithand, N. S. J. Shines, A. Gibbon, S. Lohn, N. B. Michael Quige, Musquach, N. B. Michael Quige, Musquach, N. B. Wildet Oglyce, Summerville, N. S. Gabriel Hinmelman, M.O., Riveport, N. S. Robin, Jones & Whitman, L. C., Halliaz, N. S. Flohin, Jones & Whitman, L. Left, Halliaz, N. S.
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The Minister of Poblic Works, Ottawa, Oat	Minister of Public Works, Ottawa, Ont. William A. Simpson, Sackville, N.B. C. A. Pulmer, St. John, N.B. Cumhan & Robertson, Ltd., Montreul, Que. C. W. Boutlier, Spry Buy, N.S.	ad Manan, N.B. er, Freeport, N.S. y, 2t al., St., Mary'	E. Desmaraus, St. Francois do Lue, Q Emble Fournier, L'Islet, Que	The Stip Lord 1 elitherown Co., Ltd., Vietori, Joseph E. Snow, Digby, N.S. Tohn McLord of all Purwish N.S.	Wm. J. Levisconte, River Bourgeois	W. S. Loggie Co., 1.td., Chatham, loshua Dumbinor, Franch Village	Wolfe Island, Ont.	St. John's, Nfid.	Thomas Carter, Pennfeld, N.B.	Alex. Chambers and K. H. Torner, N. Silas and Joseph Lant. Chester, N. S.	Charles Brister, Halifax, N.S.	R. B. Rogers, Peterborough, Ont.	I. Ernest & Son, Ltd., Muhono Bay, N. Lonis P. d'Entrecont. M.O., Pubnico.	B. Hargrove, Chance Harbour, N.B.	Reaben J. Cott, et al., Port Monton, N.S.	napberry, N.S.	St. Simeon, Que.	Phonns O'Bryan, Ship Harbour, N. P. Bendret, Chotissen, N. S.	bee, Que.	noun, Wood's Harb Cap Chatte, Oae.	F. J. Likely, et al., St. John, N.B.	Frederick C. Lockhart, New 1976, Geo, W. Camp, Fortune Bay, Nfld,	The Minister of Marine and Fisheries, Ottawa, Oat	per Caraquet, N.B	J. H. Piercey and G. T. Dixon, Fortune,	Arthur Crensor, M.O., Riverport, N.	Maynard Colp, M.O., Lanenburg, N.S. William C. Smith M.O. Lanenburg, N	O., Lanenbarg, N.S.	obin, Jones & Whichian, 1201., 118 D. LeBlane, Tusket Wedge, N.;
						_					-	_	,	_	_	Daniel Casey, Ruspberry, N.S.	<u>-</u> -	-					-	Eli Corm	_		_	Abbot Bec	D. D. LeBline, Tusket Wedg
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Renfrew, G. B	Vancouver, B.C. Murray River, P.E.I. Port Gilbert, N.S. Liosoilou, Que Spry, Bay, N.S.	Seaver River, N.S.A. Seaver River, N.S. Sumberland Bay, N.B.	St. Francois du lac, Que Indonsae, Que	Lunenburg, N.S.	Green Man II S. A.	Sathurst, N.B.	Kingston, Ont.	Liverpool; N.S.	St. Putrick, N.B.	Half Island Cove, N.S	Leesbarg, N.J., U.S.A.	Jobourg, Ont.	Chezzeteook, N.S	ort Gilbert, N.S.	Sable Elver, N.S. Port Mouton, N.S.	White Head, N.S.	tanenburg, N.S	indian Harbour, N.S	Ste. Luce, Que	abnico, N.S	St. John, N.B.	Horton, N.S. En Have, N.S.	2 N 6.25	Caraguet, N.B.	nHavo, N.S.	Laneabarg, N.S.	Lanenburg, N.S. Marhone Bay, N.S.	nnenburg, N.S.	Mateghan, N.S.
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St. Joha, N.B	Vancouver	St. Andrews Digby St. John, N.B.	Montreal Quebec	Vietoria	Ariehat	Chatham, N.B.	Kingston	Lunenburg	St. Andrews	Ariehat	Halifax	Peterborough	Halifux	St. John, N.B.	Liverpool	Arichat	Quebee	Halifax	Quebec.	Yarmouth	3	Windsor, N.S.	Ottuwn	Chathum, N.B.	Ariehnt.	Lunenburg	Lunenburg	Lunenburg	Port Huwkesbury
Lobaitz, P. W. D. S. No. 3.	5/900 Lobbitz Rockbreak- er No. 2 75495 Lochiel. 61833 'Lockwood. 38265 Lois L. No. 44 26915 Lois B.	Look Out Lora T. Loruin	Loranzo	Lord Templetown	Lorina	Lorno D. Huskell	Lorraino	Lottie A. Silver	Lottie M.	Lottie M. Beatrice.	Lottie R. Russell				Louisa A	Louisa Ellen	Louisa J. Selig		Louise			Lovisa		Loyold			Lucille M. Colp		Lucy A
	75495 61833 138265 126915			93156 121816			83290	130820	80884	117098	133672	107819	94665		H16583	117100	88351	83402	92338	122095					111735		137890		103330

1 Formerly "Lillie Soullard,"

LINE MURHAURTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Alphanetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917. there minns - their mannes J.D., Joint owners-propriétaires conjoints; M.O., Managing owner-propriétuire gérant.

1		· -	
	Owner or Manuging Owner, and Address. Armateur ou propriétaire gérant, et udresse.	Alexandre Réaé, Pierrevillo, Que. A. O. Torter, Tusket Weeke, N.S. Adelard Warren, Malbaio, Quo. Frederick G. Thulin, Lund, H.C. Frederick G. Thulin, N.S. Peter Mason, Tangier, N.S. Peter Mason, Tangier, N.S. Fore Mason, Malaceburg, Ont. John Graham, et al., Kineardine, Ont. John Graham, et al., Kineardine, Ont. Mossom M. Boyd, Hobenygeon, Ont. Mossom W. Boyd, Hobenygeon, Ont.	The Hall Engineering Works, Ltd., Montreal, Qun. The Hall Engineering Works, Ltd., Montreal, Que, Montreal General Contracting Co., Ltd., Montreal, Que, March Hutton Powers Co., Ltd., New Westminster, H.G., March Hutton Powers Co., Ltd., New Westminster, B.C., The Russell Timber Co., Ltd., Port Arthur, Out. The Russell Timber Co., Ltd., Port Arthur, Out.
Maria	Registered tonnage. Tonnage enregistré	58 47 30 33 33 33 117 100 66 66 67 67 77 77 77 77 77 77	26111123 3823
	Depth in feet and 10ths Profondeur en pieds et 10%.	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000000000000000000000000000000000000
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	Where Built Lieu de eonstructinn.	St. Thomas de Pierre- ville, Que. Tusket, Weige, N.S. Mathaie, Que. Lund, B.C. Dartmouth, N.S. Troledor, N.S. Sheburne, Ont. Bobeaygeon, Ont. Bobeaygeon, Ont. Guebec, Que. Vouebec, Que.	Montreal, Que. Montreal, Que. Welhand, Out. New Westminster, B.C. New Westminster, B.C. Ottawa, Ont.
	Built-Construit on	1896 1897 1878 1878 1879 1896 1896 1896 1896 1896 1896 1896 189	1915 1915 1911 1913 1913 1893
	Rig. — Gréement.	Sloop  Barge—Chd Schr Glt Schr Glt Schr Glt Schr-Glt Barge—Chd Schr Glt Barge—Chd Schr Glt Schr	Scow—Chd Scow—Chd Harge—Chd Barge—Chd Scow—Chd Dredge Drague
	Port of Registry. Part d'enregistro- ment	Ottowa Yarroouth Quebee Anacover Haldiax Haldiax Haldiax Strana Strana Nathaceburg Sarma Lindeny No Lindeny	Montreal Montreal Now Westminster New Westminster Port Arthur
	Name of ship	Lumber. Lumber. Lummar Lummar Lutera Lutera Lyllar U. Ly	M D D No. 3. M D D No. 3. M G C Co No. 1 M H P No. 1 M H P. No. 2. M T No. 1.
	Official Number Numbro officiel	103563 103563 52243 130760 10725 10725 111609 10757	1379-60 N. D. 138-19 N. D. 138-19 N. H. 138-19 N. H. 138-19 N. H. 138-19 N. T. T. 1036-35 N. T. T. 1036-35 N. T. T. T. 1036-35 N. T. T. T. 1036-35 N. T.

1995   189	·	
M. & F. No. 2         Soriel         Dredge-Dragen         1888 Soriel         Dredge-Dragen         1889 Soriel	The Minister of Marine and Fisheries, Ottawa, Out. D. Gerrior, For Bay, N.S. Bartle, Bartle, N.S. Bartle, Charles, Halfax, N.S. Bartle, Charles, Halfax, N.S. Maricalle, Epark, N.S. Milliam Chas, Smith, M.O., Iamenburg, N.S. Milliam Charles, Boudhard and Elzear Bois, Malbaie, Que. Charles Boundard and Elzear Bois, Malbaie, Que. Charles Boundard, Gabraco, Carke & Harbour, N.S. Gebrin Jones & Withuman, Led., Halfax, N.S. Hanes E. Nickerson, Central Monda, Gabracotse, N.S. William U. Kennoy, Perest, Out. Led., Montreal, Que. Bonding Castero, Led., Montreal, Que. Brank, Shag, Introout, N.S. Hanes E. Sinth, Cape Nogre, N.S. Washarel Egitton, Pendard, Raban, N.S. Hank, Charles, Gabraco, Candan, Manna, N.B. Thompson, Penetauguishene, Out. Halfax, Shag, Harbour, N.S. Lyckero, N. Wander, Shago, Charlem, N.S. Weber, Cossebom, Grand Manna, N.B. Thompson, Penetauguishene, Out. Halfax, Shag, Harbour, N.S. Loghe, N. Weber, N.S. Weber, Cossebom, Grand Manna, P. Sank, Charles, Charles, Vanish, Carve, Lal. Fortur Leteror, 18.C. Leteror, Malake, Shag, Harbour, N.S. Loghen, Montreal, Que. Shr	John Carew, Linuxay, One.
M. & F. No. 2         Sorel. Dredge-Drague 1896         Sorel. Que.         198 2 32 3 11           M. & F. No. 3         Sorel. Dredge-Drague 1890         Sorel. Que.         149 7 32 3 13           M. & F. No. 5         Sorel. Dredge-Drague 1890         Sorel. Que.         149 7 32 2 12           M. & F. No. 7         Sorel. Dredge-Drague 1890         Sorel. Que.         150 9 3 12           M. & F. No. 7         Sorel. Que.         150 9 3 12         150 9 3 12           M. & F. No. 7         Sorel. Que.         150 9 1 12         150 9 1 12           M. & E. Dredge No. Sorel         Dredge-Drague 1801         Sorel. Que.         150 0 1 12           M. A. Franklyn.         Rock Sorel. Que.         150 0 1 12         150 0 1 12           M. A. Loons.         M. A. Loons.         M. A. Renklyn.         150 0 1 10         160 0 3 1 10           M. A. Loons.           M. A. Loons.         M. A. Loons.         M. A. Loons.         M. A. Loons.         M. A. Loons.         M. A. Loons.         M. A. Loons.         M. A. Loons.         M. A. Loons.         M. A. Loons.         M. A. Loons.         M. A. Loons.         M. A. Loons.         M. A. Loons.         M. A. Loons.	28.23.1.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.	5
M. & F. No. 2         Sorel         Dredge-Drague         1896         Sorel, Que         195         2           M. & F. No. 3         Sorel         Dredge-Drague         1800         Sorel, Que         149         7         23           M. & F. No. 5         Sorel         Dredge-Drague         180         Sorel, Que         119         7         23           M. & F. No. 7         Sorel         Dredge-Drague         180         Sorel, Que         119         7         23           M. & F. Dredge No. Sorel         Dredge-Drague         181         Sorel, Que         180         9         40         9         40		,
M. & F. No. 2         Sored         Drodge- Drague         1996         Sored         Que         119           M. & F. No. 3         Sored         Drodge- Drague         1900         Sored         1901         1901         1901         1901         1901         1901         1901         1901         1901         1901         1901         1901         1901         1901         1901         1901         1902 </td <td></td> <td>-</td>		-
M. & F. No. 2         Sorel         Dradge-Dragen         1896         Sorel, Que           M. & F. No. 4         Sorel         Dradge-Dragen         1890         Sorel, Que           M. & F. No. 6         Sorel         Dradge-Dragen         1890         Sorel, Que           M. & F. No. 6         Sorel         Dradge-Dragen         1890         Sorel, Que           M. & F. No. 10         Sorel         Dradge-Dragen         1910         Sorel, Que           M. & F. Dredge No.         Sorel         Dredge-Dragen         1911         Sorel, Que           M. & F. Dredge No.         Sorel         Dredge-Dragen         1911         Sorel, Que           M. & F. Dredge No.         Sorel         Dredge-Dragen         1911         Sorel, Que           M. & F. Dredge No.         Sorel         Dredge-Dragen         1911         Sorel, Que           M. & F. Dredge No.         Now Wostminster.         Barger-Cld         1911         Sorel, Que           M. A. Louis         Sydewick         Now Wostminster.         Barel-Cld         1912         Sorel, Que           M. A. Louis         Sydewick         No.         No.         No.         No.         No.           M. A. Louis         Sydewick         No.         No.	24212821	3
M. & F. No. 2  M. & F. No. 3  M. & F. No. 4  M. & F. No. 5  M. & F. No. 6  M. & F. No. 6  M. & F. No. 6  M. & F. No. 10  M. & F. Dredge- Drague  Dredge- Drague  Dredge- Drague  Dredge- Drague  Dredge- Drague  M. & F. Dredge No. Sorel  Dredge- Drague  Dredge- Drague  M. & F. Dredge No. Sorel  Dredge- Drague  Dredge- Drague  M. & F. Dredge No. Sorel  Dredge- Drague  M. & F. Dredge No. Sorel  Dredge- Drague  Dredge- Drague  M. & F. Dredge No. Sorel  Dredge- Drague  Dredge- Drague  M. & F. Dredge No. Sorel  Dredge- Drague  Dredge- Drague  M. & F. Dredge No. Sorel  Dredge- Drague  Dredge- Drague  M. & F. Dredge No. Sorel  Dredge- Drague  Dredge- Drague  M. & F. Dredge No. Sorel  Dredge- Drague  Dredge- Drague  M. & F. Dredge No. Sorel  Dredge- Drague  Dredge- D	Sorel, Que Sur Sorel, Que Valency, B.C. Que Sidand N.S. Sorel, Que Sorel, Que Valency, B.C. Sorel, Que Sorel, Valency, Que Sorel, Valency, Que Sorel, Valency, Que Sorel, Que Sorel, Que Sorel, Que Sorel, Que Sorel, Valency, Que Sorel, Sorel, Que Sorel, Que Sorel, Que Sorel, Que Sorel, Que Sorel, Q	Theresely, One
M. & F. No. 2  M. & F. No. 3  M. & F. No. 5  M. & F. No. 6  M. & F. No. 6  M. & F. No. 6  M. & F. No. 10  M. & F. No. 10  M. & F. No. 10  M. & F. Dredge No. Sorel  M. & F. Mosey  M. A. Louis  M. M. Gardner  M. G. Baudreau  M. G. Morgan  M. J. Merrall  M. Merlel  M. J. Merrall  Mabel  Mabel	1890 1900 1900 1900 1900 1900 1900 1900	1001
M. & F. No. 3 M. & F. No. 3 M. & F. No. 4 M. & F. No. 5 M. & F. No. 6 M. & F. No. 10 M. & F. No. 10 M. & F. No. 10 M. & F. Dredge No M. & F. Dredge No M. & F. P. Dredge No M. & F. P. Dredge No M. & F. P. Roel M. A. Louis M. A. McDomidd. M. A. Morbel M. Mabel M.	Dredge-Drague Bock Breaker Bock Breaker Barge-Clud Schr-Glt S	
	M. & F. No. 2  M. & F. No. 5  M. & F. No. 5  M. & F. No. 6  M. & F. No. 6  M. & F. No. 10  M. & F. No. 10  M. & F. No. 10  M. & F. Dredge No. Sorel  M. & F. Bock  M. A. Louis  M. G. Baudreau  M. A. Louis  M. G. Baudreau  M. G. Baudreau  M. G. Baudreau  M. A. Louis  M. J. Taylor  M. J. Mebel  M. J. Batter  M. J. Abbert  M. J. Batter  M. J. Batter  M. J. Morey  M. J. Louise  M. J. Laylor  M. J. Laylor  M. J. Laylor  M. J. Laylor  M. J. Morteal  M. J. Morey  M. J. Morteal  M. Mabel  Mabe	One.

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917,

voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. 4bbrerutions - Ibrerations - J.O., Juint owners-propriétaires conjoints; M.O., Mainging owner propriétaire génuit --navires LISTE ALPHABÉTIQUE des

9 William Lo Blana, et al., Abrams River, N.S.
235 Mose Robdoux, St. Michal, Que.
235 Mose Robdoux, St. Michal, Que.
16 James Romar, Glace Bry, N.S.
77 James R. Lang, et al., Liscolob, N.S.
17 James R. Lang, et al., Liscolob, N.S.
18 John Paulia, Caraquet, N.S.
19 John Paulia, Caraquet, N.S.
11 P. Cashin, M.O., Port Felix, N.S.
25 Norman Chandler, Christer, N.S.
26 Class, S. Horton, Hall Isld, Cave, N.S.
27 Class, S. Horton, Hall Isld, Cave, N.S.
28 W. S. Logge Co., Ltd., Chatham, N. B.
29 W. S. Logge Co., Ltd., Chatham, N. B.
21 Hundry Donavan, Gage North, N. S.
21 Stephen Buckland, Glace Jan, N.S.
21 Hundry Donavan, Gage North, N. S.
22 Might, Pennfield, N. B.
23 James Fitzgersld, Cope North, N. S.
24 James Fitzgersld, Cope North, N. S. 10 Dan'i Mewilliana, Westham Islands, B.C.
23 T. G. McBride, M.O., Vincouver, B.C.
100 Hoger Miller & Co. (P.E.L.), Ltd., Montreal, Que.
101 Mexander B. Melean, Sault Sto, Marie, Ont.
21 Alexander B. Melean, Sault Sto, Marie, Ont.
22 Alexander B. Melean, Sault Sto, Marie, Ont.
33 Alexander B. Melean, Sault Sto, Marie, Ont.
44 Alexander B. Melean, Sault Sto, Marie, Ont.
45 Norvon Griffiths Dredging, Co., Ltd., Montreal, Que.
46 St., Lawrence Bridge Co., Ltd., Montreal, Que.
47 Glisen Ellis, M.Q., Port, Muithand, N.S. Armiteur on propriétaire gérant, et adresse. Jos. Dewsberry, Belleville, Ont.

 A. Munn and J. D. McLood, Marray River, P.E.I.
 R. Silver, Ltd., Halifax, N.S. Owner or Managing Owner, and Address. Chester L. Guptill, Grand Harbour, N.B. John Green, Vancouver, B.C John Carew, Lindsay, Ont Эттегачин эдепноТ Registered tonnage, Prolondeur on preds et 10ca Depth in feet and 10ths Largeur on pieds et 10%, 00000000000000 #0#\$X0##888698 THE CHECKERS TO THE CENT Longueur on pieds of 10ce. Breadth in leet and 10ths. Length in feet and 10ths. West Chezzetcook, N.S. Half Isld, Cove, N.S. Mahone Bay, N.S. Cape North, N.S. Lunonburg, N.S. Brooklyn, N.S. Seattle, Wash, E.S.A. Lieu de construction River Bourgasis, N.S. Back Bay, N.B. Beaver Harbour, N.B. New Westminster, B.C. North Vancouver, B.C. Sault Ste. Marie, Ont. Sault Ste. Marie, Ont. Sault Ste. Marie, Ont. Essex, Mass., U.S.A. Caraquet, N B. Garden Island, Ont... Port Foltz, N.S. The Range, N.B. Port Mutland, N.S. Cape North, N S Long Island, N.S. Eel Brook, N.S. Shelburne, N.S. Toronto, Ont. Lindsay, Ont Sorel, Que. V. S. D 1907 355 308 306 1901 9061 Built-Construit on Scow - Chil. ... Scow - Chil. ... Dredge - Dragu Schr-Glt Barge-Chd Schr-Git Schr-Git Barge-Chd Gréennent Barge Chd )redge-Dn cow-Chil Schr-Git Schr-Git. City Charles Sehr-Glt Noop. Shop Sloop Sloop Port d'enregistre-Port of Registry New Westminster New Westminster Sault Ste Marie Shult Ste, Marie St. John, N. B. Sault Ste. Mario Yarmouth ... Brockville Charlottetawn batham, N. B. St John, N B. St. John, N. B. ot John, N. B Lunenhurg Nydney, N. Sydney, N.S. ancouver Yarmouth shelburne. vingston. Montreal Lindsay Lahlar McBride & Co. 2.
McDougald
McDowell No. 3
McLean No. 1.
McLean No. 2.
McLean No. 2. Name of Ship Note du pavire Madona. May. Maggin Alice Maggin Alice Maggin B Maggie Bell Maggie Ella Maggie Fla Maggie Jane Maggie Jane Maggie Jane McW. No. I 133957 McMartin 133957 McMath 121691 Maccabee Madoana V Madeline Madeline L رد Madeine Maleine Madeap DALLAG Madge Maggie Maggie W.O 116919 121676 121596 1305.6 1164.2 117094 107064 134162 96×66 Numbro Official otherel

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SESSIONAL PAPER No. 22	
Pames Rebardson & Sons, Ltd., Kingston, Ont., and Lewis Orr, Simcoe Island, Ont.  R. A. McGramaban, Margaretsville, N.S. Bease Depublished, M.O., Tantallon, N.S. James Fitzgerald, Queensport, N.S. Stillman Crowell, Clarke's Habrour, N.S. Caleb Reed, Rockport, N.S. Caleb Reed, Rockport, N.S. Caleb Reed, Rockport, N.S. Firenst Poirier. Descence, N.S. The Pacific Towning & Lipherage Co., Ltd., Victoria, B.C. The Pacific Towning & Lipherage Co., Ltd., Victoria, B.C. The MacDougall, St., Goorge, N.B. The MacDougall, St., Goorge, N.B. The W.S. Loggie Co., Ltd., Chatham, N.B. Sampson Grady, Summerside, P.E.I. Canada Steamship Lines, Montreal, Que. Flire W. S. Laggie Co., Ltd., Montreal, Que. Montreal Real Mann, N.B. Montreal Rand, M. Aarnouth, N.S. Montreal Rand, Geravelle, Que. The Maister of Marine and Fisheries, Ottawn, Ont. Michael McAuliff, et al., 1. O., Welland, Ont. Geo. Landschen, Sord, N.S. Louis H. Herring, Murray River, P.E. I Richard Coldring, Morry River, P.E. I Richard Coldring, M.O., Toronto, Out. Nazaire Larcebe, Sord, Que. Che, Michael McAuliff, et al., 10 O., Welland, Ont. Canada Comore, Black's Harbour, N.S. Louis H. Herring, Murray River, P.E. I Richard Coldring, M.O., Toronto, Out. Magner Ross, Kenora, Out. Chenk, St. Loggie Co., Ltd., Chatham, N.B. The Northern Light Fower & Coal Co., Ltd., Brysn, W.D. Brysn, Done Jone, Ltd., Cape Bland, N.S. L. Clark, St. George, N.B. L. L. Clark, St. George, N.B. L. L. Clark, St. George, N.B. Lybria Dones, Little Lames, W.B. Lybria Dones, Little Lames, W.B. Lybria Dones, Little Lames, W.B. Lybria Dones, Little, Lames, W.B. Lybria Dones, Little, Lybria Coal, Lybria Coal, Lybria Coal, Lybria Coal	
James Rehardson & Sons, Lid., Kingston, Ont., and Lew Orf, Simcoe Island, Ont.  R. A. McGramahan, Murgaretsville, N.S. Issue Dauphinee, M.O., Tantallon, N.S. Geo, M. Barr, St. John's, N.G.  Geo, M. Barr, St. John's, N.H.  John E. Barver, Pleasant Hurbour, N.S.  John Peters, Halflux, N.S.  Stillman Crowell, Clarke's Harbour, N.S.  John Peters, Halflux, N.S.  Stillman Crowell, Clarke's Harbour, N.S.  John Peters, Halflux, N.S.  Stillman Crowell, Clarke's Harbour, N.S.  John Peters, Halflux, N.S.  Bernest Poirrer Deceonce, N.S.  Ernest Poirrer Deceonce, N.S.  Ernest Poirrer Deceonce, N.S.  John Malerd, Liverpool, N.S.  John McDougall, St. George, N.B.  The Adults Sand Co., Ltd., Chatham, N.B.  John M. McDougall, St. George, N.B.  The Alus Sand Co., Ltd., Montreal, Que.  John M. McDougall, St. George, N.B.  Sampson Grady, Summerside, P.E.I.  Sampson Grady, Summerside, P.E.I.  John S. McQueen, Amberstburg, Out.  Montreal Transportation Co., Ltd., Montreal, Que.  Montreal Transportation Co., Ltd., Montreal, C. E. Nickerson, Villagedale, N.S.  John M. Fruing & Co., Ltd., Jersey, C.J.  Sylvain Plourde, Fair Jale, Neguac, N.B.  Heichard Godhirg, M.O., Troputo, Out.  Waler Ross, Kenora, Out.  Robert F. Matthews, M.O., Queensport, N.S.  Joush H. Herring, Murry River, P.E.I.  Richard Godhirg, M.O., Troputo, Out.  Waler Ross, Kenora, Out.  Robert F. Matthews, M.O., Queensport, N.S.  Joush H. McThern Light Power & Coal Co., Ltd., Dawson, Y.T.  The Willer Ross, Kenora, N.B.  J. Clark, St. George, N.B.  J. Clark, St. George, N.B.  J. L. Clark, N.B.	N.S. P.E.I.
James Richardson & Sons, Ltd., Kingston, Ort., Simoce Island, Ont.  R. A. McGramahan, Margaretsville, N.S. Issue Dauphinde, M.O., Tantallon, N.S. Geo. M. Barr, St. John's, Nidd.  Frank, J. Gatain, Bathurst, N.S. Geo. M. Barr, St. John's, Nidd.  Frank, J. Gatain, Rathurst, N.S. John B. Beaver, Pleasant Hurbour, N.S.  John Peters, Hallin, N.S.  Donald H. McDonald and E. F. Russell, Point McGregor Fracer, Picton, N.S.  Ernest Poirier, Descouce, N.S.  Frank L. Gatarer, Picton, N.S.  Ernest Poirier, Descouce, N.S.  Frank J. Sanwball Co., Ltd., Chatham, N.B.  John Milard, Liverpool, N.S.  Frank M. McDougall, St. Goorge, N.B.  John M. McDougall, St. Goorge, N.B.  John M. McDougall, St. Goorge, N.B.  John S. Loggie Co., Ltd., Chatham, N.B.  Sampson Grady, Summerside, P.E.I.  Canada Steamship Lines, Montreal, Que.  Pierre D. Lanteigne, Miscou Centre, N.B.  Hugh Cam & Son Ltd., Yarmouth, N.S.  John S. McQueen, Amherstburg, Out.  Montreal Branship Lines, Montreal, Ont.  Joseph Mallett, M.O., Shippigan, N.B.  Montreal Bransportation Co., Ltd., Montreal,  Reinand McAuliff, et al., J. O., Welland, Ont.  G. E. Nickerson, Villagedale, N.S.  Louis H. Herring, Murry, River, P.E.I  Richard Goldring, M.O., Toronto, Out.  Wulber Ross, Kenora, Out.  Robert T. Matthews, M.O., Queensport, N.S.  The W. St. Loggie Co., Ltd., Chatham, N.B.  The Northern Light Power & Coal Co., Ltd.,  J. L. Chark, St. George, N.B.  J. L. Chark, St. George, N.B.	R. B. Noble, Richibucto, N.B. Joseph Rattle, Thorold, Ont. Parick! A Convay, White Haven, I. Kavanach, Gasso, N.B. A. M. Gravville, Cumberland Bay Ronald Campbell, Summerside, P. Ronad Campbell, Summerside, P. gnaame "Dredge No. 4".
James Richardson & Sons, Lid Orr, Simoce Island, Ont. R. A. McGramaham, Margarets Isaac Dauphinde, M.O., Tantalli James Fitzgerald, Queengort, N.G. Geo, M. Barr, St. John 3, NHd. John B. Beaver, Pleasant Hurbe, P. F. Horne, Eastern Fassuge, J. Stillman Crowell, Clarke's Harl John Peters, Hallinx, N.S. Oaled Reed, Rockport, N.B. McGregor Fraeer, Picton, N.S. John Millard, Liverpool, N.S. Ernest Poirce, Descouce, N.S. Frenke, J. B. Srowball Co., Ltd., Grath John M. McDougall, St. Goerge, The Atlas Stand Co., Ltd., Mont The Was Stand Co., Ltd., Mont The W. S. Loggie Co., Ltd., Mont Wm. Flewelling, Grand Manna, Sampson Grady, Summerside, J. Canada Steamship, Lines, Mont Pierre D. Lanteigne, Miscou Cer- Hugh Cam & Son Ltd., Yarma John S. McQueen, Anderstand, J. Montreal Transportation Co., Lt Montreal Transportation Co., Ltd., Montreal Stand & Gravel Co., Montreal Transportation Co., Ltd., Jersey Wm. Fruing & Co., Ltd., Jersey Sylvain Plourde, Fair Isle, Neg Hebrad Goldring, Murray Rive Rehard Goldring, Morray Rive Rehard Coldring, Morray Rive Rehard Coldring, Morray Rive Rehard Coldring, Morray Rive Rehard Pertus, Descousse, N.S. Louis H. Herring, Murray Rive Rehard Coldring, Morray Roy, J. Lewis Comore, Black's Harbou, Allred Pertus, Descousse, N.S. Roys, S. Loggie Co., Ltd., Jersey Sylvain Pourde, Fair Isle, Neg Rehard Taroche, Sorel, Qu. The W. S. Loggie Co., Ltd., Jersey Bryant Novell, Cappelland, N.B. John Jones, Little James, N. S.	42 R. B. Noble, Richibucto, N.B. 148 Joseph Rattle, Thorold, Ont. 16 Parinek, Cowava, White Haven 17 Kavanach, Caseo, N.S. 241 A. M. Gravville, Cumberland Ba 88 Ronald Campbell, Summerside, Foreign aame "Dredge No. 4".
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Liste alphabérique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Alphahetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

Abbrevistions-Abrevistions J.O., Joint owners - propriétaires conjoints; N.O., Manuging owner propriétaire gérint.

	8 GEORGE V, A. 1918
Owner or Managing Owner, and Address Armateur ou propriétuire gérant, et adresse.	F. A. MacDonald, Scott's Bay, N.S., and Harry Poters, Westport, N.S. F. Brannon, Wood's Harbour, N.S. B. Mardal Heisbur, N.S. H. McDonald, Gheer Bay, N.S. H. McDonald, Gheer Bay, N.S. G. Normand, Hole and Grave, Que. G. Normand, Hole and Grave, Que. J. Hendersaelt, Moisio Byver, Que. J. Hendersaelt, Moisio Byver, Que. J. Hendersaelt, Moisio Byver, Que. J. Bradlord W. Lepage, Rustreaville, P.E.I. Eradlord W. Lepage, Rustreaville, P.E.I. Joans Paulen, M. O., Hole and Condress, Que. C. Savard, St. Fulgenee, Que. J. Tremblay, Tadoussue, Que. J. Tremblay, Robers, Que. J. Guern, Mille Vaclore, Que. J. Guern, Mille Vaclore, Que. J. Guern, Mille Vaclore, Que. J. Porrice, Tadour & Tilly, Que. J. Porrice, Temblay, Rab Peter, Que. J. Perrice, Shorther, N.B. J. Louis Debido, Ste Creix, Que. J. Romin, Stander, Malbaie, Que. J. Honder, Tremblay, Malbaie, Que. J. Honder, Stander, Malbaie, Que. J. Honder, Stander, Malbaie, Que. J. Honder, Stander, M. J. Arthar Bouchard, Malbaie, Que. J. Chas, Bouchard, Malbaie, Que. J. Arthar Bouchard, Malbaie, Que. J. J. J. J. Arthar Bouchard, Malbaie, Que. J. J
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Breadth in feet and 10ths.	2 INTERPRETATE 501200000000000000000000000000000000000
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Built-Construct en	100   100
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Port of Registry Port d'enregistre inent.	Digby.  Narmouth. Luneshburk Ruchse Quelse
Name of Ship Nom da navire	Marguerite
Official Number Numéro officiel	11.00 10.00

SESSIONAL PAPER NO. 22	
Nonts, Que,	iy, Quo.
H. Bilodeau, St. Thomas de Montmagny, Que.  W. Patry, Chateau Richer, Que. W. Patry, Chateau Richer, Que. L. T. Comeau, Caribou Islands, Que. Laulger Gold, Les Expentilis, Que. Thes. Mirville, St. Thomas de Montmagny, Que. Thes. Mirville, St. Thomas de Montmagny, Que. Thes. Mirville, St. Thomas de Montmagny, Que. X. Boisvert, Ste. Croix, Que. X. Boisvert, Ste. Croix, Que. Samuel Coté, Cap Chart, Que. Ferdinand Jucques, M.C. Michinis, Que. Onfesime Belamer, Kannomraska, Que. Ferdinand Jucques, M.C. Michinis, Que. Ferdinand Jucques, M.C. Michinis, Que. Ferdinand Jucques, M.C. Michinis, Que. Firmin Paradis, Castoman, Que. Emilie Fournier, St. Roch des Anlanies, Que. Emilies Fournier, St. Broch des Anlanies, Que. Emilies Fournier, St. Sincon, Que. Emilies Gold, St. Sincon, Que. Melasse Simard, La Petite Itivière, St. Francois, Que. G. Réhanger, Les Ecoumains, Que. G. Réhanger, Les Ecoumains, Que. All'red Fronctic, St. Luce, Que. Hylas Bondreault, Anse St. Lean, Que. Henry Dinning, Quebec, Que. Loreph E. Alhert, Caraquet, N. B. Herry Dinning, Quebec, Que. Loreph E. Alhert, Caraquet, N. B. Herry Dinning, Quebec, Que.	Gaudias Coolonibe, St. Thomas de Montmagny, Que, Ante D., Chinson, Lames, N.B. Robin, Jones & Whitman, Ltd., Halifax, N.S. Bebin, Jones & Whitman, Ltd., Halifax, N.S. Symphorica Bernier, Montmagny, Que. Evariste Tromblay, Islo aux Coudres, Que. Islo Gauthe Gauther, St. Irfafe, Que. Joseph A. Dorion, Caraquet, N.B. Louis Harvey, Islo aux Condres, Que. Hamarble Leoureau, St. Thomas, Que. Edward O. Le Boxbillier, Caraquet, N.B. Gosaba A. Paulia, Caraquet, N.B. Gosaba A. Paulia, Caraquet, N.B. Gosaba Chinson, Caraquet, N.B. Gosaba A. Paulia, Caraquet, N.B. Gosaba Chinson, St. Irfafe, Que. E. Chins, G. Lo Bras, Perce, Que. S. Irfafe, Que. E. Tribuudeun, Portucol, Que. E. Cermain, St. John S. Tribuudeun, Portucol, Que. E. Tribuudeun, Portucol, Que. E. Cermain, St. John S. Tribuudeun, Portucol, Que. E. Cermain, St. John S. Tribuudeun, Portucol, Que. E. Cermain, St. John S.
H. Bilodeau, St. Thomas de Montmagny, Qu. M. Patry, Chateur Richer, Quec. W. Patry, Chateur Richer, Que. I. T. Comeau, Caribou Islands, Que. I. T. Comeau, Caribou Islands, Que. I. Saidore Coldin, Les Borneuiis, Que. Thas, Minville, St. Thomas de Montmagny, Lauger and Moise Walfle, J. O., Ste. Anne de M. J. Baisvert, Ste. Croix, Que. Samuel Code, Cap Chat, Que. Fordinand Jacques, M. C., Mechinis, Que. Fordinand Jacques, M. C., Mechinis, Que. Fordinand Jacques, M. C., Mechinis, Que. Gandal West Coast Naviguiton Co., Lid., Y. Elmilo Fournier, St. Roch des Anlanies, Que. Firmin Paradis, Caevana, Que. Elmilo Fournier, St. Roch des Anlanies, Que. Au Woy dit Desjurdins, St. Germain, Que. Louis Bons, St. Simfon, Que. Conseph H. Savole, Lametr, N. B. Mugusti Chissaon, Caraquet, N. B. Morgetti Chissop, Caraquet, N. B. Morgetti Chreetto, St. Luce, Que. John Savard, St. Simfon, Que. B. Bodreault, Anse St. Jean, Que. Hyns Bayt, Que. Hyery Diening, Quebec, Que. Leseph Bouchard, Baie St. Paul, Que. Joseph B. A. Mhert, Ciraquet, N. B. Herry Diening, Quebec, Que. Leseph B. Albert, Caraquet, N. B. Lierry Diening, Quebec, Que. J. T. Dorou, Caraquet, N. B. Lierry Diening, Quebec, Que. J. T. Dorou, Garaquet, N. B. Lierry Diening, Quebec, Que. J. T. Dorou, Garaquet, N. B. Lierry Diening, Quebec, Que. J. T. Chenbly, Marray Bay, Que.	Gaudias Cooloinbe, St. Thomas de Montmag Andre D. Chiasson, Lannei, N. B. Robin, Jones & Whitman, Lid., Halifax, N.S. Symphorica Bernier, Montmagny, Que. Evarised Trombluy, isle aux Coudres, Que. Doseph Ganthier, St. Irfenfe, Que. Marcisse Lévesque, Isle Verte, Que. Joseph A. Dorion, Cranquet, N. B. Louis Harvey, Isle aux Condres, Que. Amarable Létoureur, St. Thomas, Que. Edward O. Le Boothiller, Caraquet, N. B. Gostave Chisson, Caraquet, N. B. Chas, G. Le Bas, Percé, Que. Mrs. Z. Castonguy, Macnider, Que. Brenis Gauthier, St. Eridelo, Que. F. Thibaudeun, Portneal, Que. F. Germain, st., Quebec, Que. Alfred Tremblay, Grandes Bergeromes, Que.
H. Bilodeau, St. Tbomas de Mo A. Lecellier, Quebec, Que, W. Patry, Chateau Richer, Que, I. T. Comeau, Caribou Islands, Islatore Cofan, Les Ecareuilis, Qr Thos. Minville, St. Thomas de J. Laliger and Moise Vullee, J. O., A. Boisvert, Ste. Croix, Que, Erdinand Jueques, M. O., Meel Perdinand Jueques, M. O., Meel Perdinand Jueques, M. O., Meel Perdinand Jueques, M. O., Meel Patrin Belinger, Kamourraska Made Harvey, Isle aux Coadres, Camile Pouneir, St. Simfon, Que Emilio Pouneir, St. Roch des A. Hoodore Bondreau, Chrietot Co. Firmin Paradis, Cacoum, Que Emilio Pouneir, St. Roch des A. Molessos Simard, I. S. Verice M. Molessos Simard, I. S. Verice High Molessos Simard, I. S. Verice High Molessos Simard, I. S. Verice Min, Molessos Simard, I. S. Verice Min, J. S. Merch, Lang, Que, Highs Boucheard, Anse St. Jean, Q. Joseph Boucheard, Anse St. Paul, Joseph E. Albert, Caraquet, N. J. Joseph P. Jongon, Garaguet, A. J. Joron, Garaguet, A. J. J. Porton, Garaguet, J. J. Popton, Garaguet, J. Tromblay, Que,	And and a Coolombe, St. Thom Marco D. Chinsson, Lamele, Nobin, Jones & Whitman, I.d. Symphorica Bernier, Montana Symisto Trombiny, 18te and Cooph Gauthier, St. Irfefee, Queries Léves and Leonareau. St. The Androin, Caraguet, Namarble Léonareau. St. The Marcha L. Landle, Conquet, Namarble Léonareau. St. The St. Marco C. Leonareau. St. The St. March C. Leonareau. St. The St. Landle, G. St. Castonguny, Macnider Dins, G. Lo Bas, Percé, Quelles, Z. Castonguny, Macnider Dennis Gauthier, St. Thibundeun, Portuoul, Que. St. Thibundeun, Portuoul, Que. Germain, st., Quebec, Que. Germain, st., Quebec, Que. Mired Tremblay, Grandes B.
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Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1917.

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propriétaire gérant.	Owner or Managing Owner, and Address. Armateur ou propriétaire gérant, et adresse.	Charles Couillard, Snady Bay, Que.  L. A. Cote, St. Luce, Que.  Elphage Bessette, Sweetsburg, Que.  Elphage Bessette, Sweetsburg, Que.  Désiré Morin, L'Isley, Que.  Alex, Blais, Jertiles Bergeronnes, Que.  Alex, Blais, Jertiles Bergeronnes, Que.  Alex, Blais, Jertiles Bergeronnes, Que.  Thomas Tremblay, Les Ebouloments, Que.  Kavier Mainvielle, Caraquet, N.B.  Léon Elle, Baio St. Paul, Que.  Léon Elle, Baio St. Paul, Que.  Leon Elle, Baio St. Paul, Que.  Leon Elle, Baio St. Paul, Que.  Leon Elle, Baio St. Paul, Que.  Berron, St. Tilomas, Montangay, Que.  P. Perron, St. Tilomas, Montangay, Que.  P. Perron, St. Tilomas, Montangay, Que.  Robin, Jones & Whitman Ld., Halfax, N.S.  Henry Adams, M.O., Lunenburg, N.S.  John Androw Parker, J.O., Owlis Had, N.S.  George M. Coelman, Ont.  Mahlon Rodenbeizer, M. O., Lunenburg, N.S.  Fraser Gray, La Have, N.S.  Armand and Paul Dufour, J.O., St. Fidele, Que.  John Arseneau, Margaree, N.S.  James Fraser, New Harris, N.S.  James Fraser, New Harris, N.S.  James Willow, Glosse Bay, N.S.  P. Robichaud, Shippigan, N.B.
g own	Tonnage enregietré.	23.50 0 1.20.00
Abbrerations-Abrevations. J.O., Joint owners-propriétaires sonjoints; M.O., Managing owner-propriétaire gérant	Prolondeur en pieda et 10se. Registered tonnage.	
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	Breadth in feet and 10ths.	1275555 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
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	Where Built. Lieu de construction.	Bie, Que.  3t. Fidele, Que.  Bie aux Coudres, Que.  Isle aux Coudres, Que.  Isle aux Coudres, Que.  Isle aux Coudres, Que.  Isle aux Coudres, Que.  Francois Nuivire, St.  Francois Nuivire, Que.  Miranette, N.B.  Baie st. Paul Que.  Isle aux Coudres, Que.  Isle aux Coudres, Que.  Francois Nuivire, Que.  Isle aux Coudres, Que.  Isle River, N.S.  Green Bien, N.S.  Incrook, N.S.  Schelburne, N.S.  Brookly, N.Y.  Brookly, N.Y.  Brookly, N.Y.  Brookly, N.Y.  Schippage, N.S.
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Abbrenations-Abrénations. J.O.	Rig. — Gréement.	
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Liste alphabetique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

		8 GEORGE V, A. 1918
er propriétaire gérant.	Owner or Manuger Owner, and Address Arntateur on propriétaire gérant, et adresse.	<ul> <li>Wm. J. Murphy, Larry's River, N.S.</li> <li>Fredrick, L. Roblemer, N.S.</li> <li>Fredrick, L. Roblemer, S. S.</li> <li>Fredrick, L. Roblemed, Shippigan, N.B.</li> <li>W. S. Loggio Co., Lid., Chatham, N.B.</li> <li>Robin, Jones &amp; Whitman, Lid., Hailfax, N.S.</li> <li>Fold, D. Corstan, Owen Sound, Oht.</li> <li>L. Froldt, Carnquet, N.B.</li> <li>L. Froldt, Carnquet, N.B.</li> <li>Richim, Leine, M.O., Port Felty, N.S.</li> <li>Ratton Savoy, Shippigan, N.B.</li> <li>Repoin, Jones &amp; Wattum, Lid., Hailfax, N.S.</li> <li>Robin, Jones &amp; Wattum, Lid., Hailfax, N.S.</li> <li>Robin, Jones &amp; Wattum, Lid., Hailfax, N.S.</li> <li>Wallum Felrine, Zornal Bank, Nid.</li> <li>Bornal Harris, Crand Bank, Nid.</li> <li>Wm. Smith, et al., Lancaburg, N.S.</li> <li>Win, Smith, et al., Lancaburg, N.S.</li> <li>Win, Smith, et al., Lancaburg, N.S.</li> <li>Win, Sornith, St. Martin, S. N.B.</li> <li>John W. Stoule, Clank, N.S.</li> <li>R. Crooker, Pert Royan, N.S.</li> <li>Robin W. Sprothe, Cannor, N.S.</li> <li>Robert Osborne, Bonde, Ont, Bank, Nifd.</li> <li>Wanney Harris, Led., Grand Bank, Nifd.</li> <li>William Weston, et al., Richibucto, N.B.</li> </ul>
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Alphabethean, List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

LISTE ALPHARÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917.

Frederick Ogilvio, Parreboro, N.S.
S. Maarico, D. Peters, et al., Westport, N.S.
Sol Samarico, D. Peters, et al., Westport, N.S.
Sol Samuel F. and John B. Cox, Harrington Harbour, Que.
Stephen Finder, North Sydney, N.S.
Simpo Berwin, Campobello, N.B.
Simpo Berwin, Campobello, N.B.
Toniel Ross, Vancouver, B.C.
Toniel Ross, Vancouver, B.C.
Toniel Ross, Vancouver, B.C.
William Trenholm, St. Peters, N.S. John Eligh and Peter Eligh, J.O., Beckett's Landing, Ont. Armateur ou propriétaire génunt, et adresse. Owner or Managing Owner, and Address Jermain Leclere, Ste. Anne des Monts, Que Stephen Haynes, Digby, N.S. Mrs. Margaret Dieks, North Sydney, N.S. John Kent, Musquodoboit Harbour, N S. Elias Bois, Petite de Grat, N.S. Cornelius Maxwell, Clarks Harbour, N.S. Theodore Keeping, Channel, Nfd. J. Daphne, Ingonish, N.S. Aime A. Terrio, et al., Archat, N.S. Chestor Frankland, Grand Manan, N.B. G. B. Magee, Merrickville, Ont. Geo. M. Parsons, et al., Cheverie, N.S. P. Munro, White Head, N.S. James W. Feltnate, Whitehaven, N.S. Joseph Adamson, Toronto, Ont. Edward J. Dicks, North Sydney, N. J. Pelham, Janvrin's Harbour, N.S. James H. Brewer, Inconish, N.S. David M. Jaekson, Tidnish, N.S. Owen Green, Grand Manan, N.B. 46 Wm. Langille, Bruce Shore, N.S. R. J. Wilson, Gananoque, Ont. David M. Jaekson, Tidnish, 4 Abrendhons - Abrendhons: J.O., Joint owners - propriétaires conjoints; N.O., Managing owner-propriétaire gérant Гоппаде ептедіять. 10833918996 36 Registered tonnage. Profond cur en pieds et 10ca Depth in feet and 10ths Largeur en pieda et 1000 20 0 11 6 17 1 12 6 Breadth in feet and 10ths. Longueur en pieds et 10es 61 8 P 10 10 74 5 339 0 173 0 173 0 173 0 101 0 101 0 138 0 40 0 38 49 34 34 Length in feet and 10ths. Wallace, N.S. Ingonish, N.S. Wood Island, P.E.1. Nusquodoboit Harbour, de construction. Clarke's Harbour, N.S. Barachois, Gaspé, Que River Bourgeois, N.S. River Bourgeois, N.S. Sheet Harbour, N.S. Port Dalhouste, Ont Where Built Bristol, Me., U.S.A. Brewer's Mills, Ont GrandManan, N.B. Mahone Bay, N.S. Shelburne, N.S... Ingonish, N.S... Richibucto, N.B.. Liscombe, N.S... Cape George, N.S. lowe Island, Ont. Port Maitland, N. Lunenburg, N.S., Beckerton, N.S. Kingston, Ont... Cheverie, N.S. Sonofa, N.S. Fancook, N.S. Granville, N.S. Maitland, N.S. aehine, Que ... LaHave, N.S. Mahone, N.S. Lien 895 906 891 904 876 30 % 045 856 857 856 856 856 856 888 918 899 3 888 888 968 588 886 1901 Built-Construit en Gréement Sarge-Chd Barge-Chd cow-Chd Schr-Git Schr-Git Schr-Glt Schr-Glt Schr-Glt Schr-Gt Schr-Gt Schr-Gt Schr-Git Schr-Git sebr-Glt Sebr-Glt Schr-Glt Sebr-Glt Sloop. doop. Scoop. Sloop Port d'enregistre-Barrington Pasage Port of Registry. Port Hawkesbary Charlottetown St Catharines Sydney, N.S. Charlottetown. St. Andrews Windsor, N.S. Sydney, N.S. Sydney, N. St. Andrews St Andrews Picton, N. Richibucto nnouver armouth Kingston.. Kiagston Montreal Digby. Halifat Arichat. Ottawa. Arichat Halilan richat Halilar Inlilar Lalifar Digby Minnie G. Parsons Moody Nom du navire. Name of Ship. "Munie J. Dicks Minnie Francis Mildred K. Wildred M. Wildred M. Wildred P. Willo Louise M. W. Willo Louise M. Willo Davis Minno No E. Winne May Minne No E. Winne M. Winne M. Winne M. Winne M. Winne M. Winne W. Winn Minnie L. Minnie Laura Minnie Bride Minnie Bell Minnie Bell Minnie E. Minnie D Minnie A Minnie D Minnie G Minnie .1 Minnie J Minnie ! Minnie Minnie Minnie ! Minnie Minnie Official Namber 55138 Numbro officiel. 13067 111907

SESSIONAL PAPER NO. 24	<del>~</del>	
Reuben W. Penney, Marray Harbour South, P.E.I. T. I. Pendergust, Sydney, N.S. J. P. Martin, Shin Harbour, N.S. John J. Bushey, Grand Entry, M.I., Que. Arthur Bachtann, S. Ams, N.S. John Bawer, Shry Bay, N.S. John Bawer, Shry Bay, N.S. John Bawer, Shry Bay, N.S. Harae, Hydu, Murray Harbour, P.E.I. John McKlogu, M. Bay Yuw, Peton, N.S. Charles Cormier, Amberst, Magdalen Islands, Que. Charles Cormier, Amberst, Magdalen Islands, Que. Charles Cormier, Amberst, Magdalen Islands, Que. J. E. Creaser, Lat Havu, N.S. C. Trenholm, Port Elgin, N.B. O'ver The Magnatic Pertamplishere, Out. David Davidson Pertamplishere, Davids, Charles, Harbour	Joh E. NUKENSON 3104 INDIN'S PERINEY, CHERGES FILLDOUR N.S. G. H. Aitkin, Chicago, III, U.S.A. E. C. Whitman, Causeo, N.S. F. A. Peders, et al., N. John, N.B. F. P. Crowell, et al., Port Lar Tour, Montreal, Que. Dominion Barging Co., Ltd., Luchine, Que. Dominion Barging Co., Ltd., Luchine, Que. Dominion Barging Co., Ltd., Luchine, Que. J. E. Moore, N. L. John, N. B. J. E. Moore, R. Criniclaima, Sydney, N.S. Borginnin G. Dangen, Vancauver, N.S. Benjamin G. Daugen, Vancauver, R. B. Hebbin, Jones & Whitman, Halifux, N.S. Benjamin G. Daugen, Vancauver, B. B. Grosper, Bondreau, Caraquet, N. B. Jossep Bondreau, Caraquet, N. B. Jossep E. Caskill, Carval Mann, N. B. George Le Brun, Cherliamp, N.S. Alexander Friget, St. Louis, N. B.	<ul> <li>Lyon Cohen, Montreal, Que.</li> <li>Moise Robidoux, Yannaska, Que.</li> <li>Joseph E. Gaskill, Grand Manan, N.B.</li> <li>Joseph E. Gaskill, Grand Manan, N.B.</li> <li>Booinne Fouchee, Etang the Nord, Magdalan Islands, Que.</li> <li>Edwin II. Richardson, West Isles, N.B.</li> <li>Pleter McNutt, M.O., Malperute, P.E. I.</li> <li>Jusceph E. Le Boathillier, Carraquet, N.B.</li> <li>The Camedian Dredges &amp; Construction Co., Ltd., Midland, Ont.</li> <li>Charles Nickerson and George Thomas, Port Clyde, N.S.</li> <li>Thomas Richard, Port Felki, N.S.</li> <li>Gharles Nickerson and George Thomas, Port Clyde, N.S.</li> <li>Joneb Mailloux, Isle aux Coudres, Que.</li> <li>Garlier P. Bernist, Isle aux Coudres, Que.</li> <li>Ginlier P. Bernist, Isle aux Grues, Que.</li> <li>Ginlier P. Rembly, Anco St. Jean, Que.</li> <li>Lighard Transportation Co., Ltd., Montreal, Que.</li> <li>Leon Landelois, Les Bareails, Out.</li> <li>Formerly "L. P. Churchill." Fortwell, Dawa" and Foreign</li> </ul>
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Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. 1 bbreeutions - Abréciations J.O., Joint owners propriétaires conjoints; M.O., Managing owner-prapriétaire gérait.

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property and the course	Oweer or Maraging Oweer, and Address. Arnateur ou propriétaire géraet, et adresse,	L. W. Cruickshank, Sydney, N.S. Edward D. Delory, Georgetown, P. E.I. W. E. Murphy, Ship Harbour, N.S. W. G. Richards, Grand River, P. E.I. W. G. Richards, Chrand River, P. E.I. Gustave Gionet, Pakernache, N.B. Homain Noel (son of Jaques), Shipingao Island, N.H., Homain Noel (son of Jaques), Shipingao Island, N.H., H. Caron, Chateeu Uicher, Que. E. A. Whelpley, Fairville, N.B. Alfred Proquette and Alberic Bonin, J. O., Lanoraio, Que. E. A. Whelpley, Fairville, N.B. Alfred Proquette and Alberic Bonin, J. O., Lanoraio, Que. E. A. Whelpley, Fairville, N.B. F. A. Whelpley, Fairville, N.B. F. A. Whelpley, Fairville, N.B. F. B. Eddy Company, L.I.d., Hull, Que. The Ottawa, Transportation Co., L.I.d., Ottawa, Ont. Silas Seenbuagh, Murray Harbour, P.F.I. Freeman Andere, M.O., Lunenburg, N.S. Alden Murroe, White Haven, N.S. Freen Lowe, Blandford, N.S. James A. Richardson, et al., Port Shoreham, N.S. Willard, Wilmler, N.W. Willard, Wilmler, N.S.
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	Name of Ship. Non du navire.	905.3 Moravia 905.3 Moravia 905.3 Moravia 105.5 Morang Glory 905.3 Morang Lught 111.5 Morang Star 111.5 Morang 111
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## SESSIONAL PAPER No. 22

	SESSIONAL PAPER No. 22					
W. Thompson St. John NR	Limited, Nanaimo, B.C. Ada, Nanaimo, B.C. Ada, Nanaimo, B.C. Ada, Nanaimo, B.C. Cesl, Que. Hy, Que. Hy, Que. Hy, Que. Outrwa, Ont. Aortrwa, Que. d., Ottawa, Ont. Soath, N.S. Ont. S. S. Seaver Harbour, N.B. Keport, N.S.	B. N. S.	Emile Charland, Montreal, Quo.	Henry A Aonico, Yarmouth, N.S. Alexander G. McLeod, Port La Tour, N.S. Alexander G. McLeod, Point Ste. Anno, N.S. Nerée Harvoy, Isla aux Condres, Que. Nerée Harvoy, Isla aux Condres, Que. When Bedorenand, et al., Westport, N.S. W. Clarko, M.O. Bear River, N.S. Michael Slaughenwhite, Terence Bay, N.S. The New Bronswick Construction Co., Ltd., Welsford, N.R. The New Brenswick Construction Co., Ltd., Welsford, N.R. The New Brenswick Construction Co., Ltd., Welsford, N.R. The New Brenswick Construction Co., Ltd., Welsford, N.R.	Yarker, Ont. Lacker, Ont. La Compugnie Générale d'Entroprises Publiques, Lévis,	16   R. M. H. Robertson, Bridgewnter, N. S. 18 393 Dounion Conf Co., Ltd., Sydney, N.S. 19 Shareonver Island Power Co., Ltd., Victoria, B.C. 2 John M. Geldert, Iniliax, N.S. 199 Bathurst, Lamber Co., Ltd., Bathurst, N.B.
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85442 Mystery St. John, N.B	N. A. F.   Lumenburg     N. G. P. No. 2   Now Westminster     N. C. R. P. No. 3   Nietoria     N. C. & P. No. 3   Nietoria     N. C. & P. No. 4   Nietoria     N. C. & P. No. 4   Nietoria     N. G. & C. No. 5   St. John N. B.     N. G. & C. No. 3   St. John N. B.     N. G. & C. No. 3   St. John N. B.     N. G. & C. No. 3   St. John N. B.     N. Laflear   Montreal   Nordine   Nordine   Nietoria     Norm   Ottawa   Nordine   Nordine     Napoléon   Quebec   Napoléon   Quebec     Napoléon   Quebec   Napoléon   Quebec     Napoléon   Quebec   Nietoria   Nietoria     Nelio D   Nietoria   Nietoria   Nietoria     Nelio D   Nietoria   Nietoria     Nietoria   Janks   Shelburae   Shelburae     Nelio B   Janks   Shelburae   Shelburae     Nelio B   Janks   Shelburae   Shelburae	t. Andrews Pictou, N.S. t. John, N.B.	Nontreat	Barrington Passago Magdalen Islands. Montreal. Italiax Digby. Habitax Matland. Se. John. N. B. Se. John. N. B.	or	State   Stat
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LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Alehabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

		0 GEURGE V, A. 1918
-propriétaires conjoints: M.O., Managing owner-propriétaire gérant.	Owner or Manuging Owner, and Address. Armiteur on propriétuire gérant, et adresse.	fadson Edgett, Brooklyn, N.Y., U.S.A. Edward C. Bethune, Hulfux, N.S  Jos. E. Purker, Owl's Head, N.S.  Abner News, Apple Bixer, N.S.  The Union SS. Co., of British Columbin, Ltd., Vancouver, B.C.  B.C.  Dominion Fish Co., Ltd., Winnipeg, Man.  The Angle-British Columbin Packing Co., Ltd., Vancouver, B.C.  Samuel Precay, Grand Bank, Nifd.  Samuel Precay, Grand Bank, Nifd.  Samuel Precay, Lindax, N.B.  Robert Korneld, Lindax, N.B.  Robert Korneld, Lindax, N.S.  Massgas Minklath, Vancouver, B.C.  L. Novrnun, Haldtax, N.S.  Mencel D. Chaisson, Ltd., Montreal, Que.  J. Mencel Stevens, Owls Head, N.S.  Respins A Douectta, M.O., Cape St. Mary's, N.S.  Mencel St. Anni, N.S.  Mencel St. Anni, N.S.  William McLean, M.O., Malone Bay, N.S.  William McLean, M.O., Malone Bay, N.S.  William McLean, M.O., Malone Bay, N.S.  E. Kive, Guraquet, N.B.  William McLean, M.O., Malone Bay, N.S.  E. Kive, Guraquet, N.B.  William Geldring and Francis Goldring, Whitby, Ont.  The Ottawa Transportation Co., Ltd., Portage-la-Prairie, Man.  The Ottawa Transportation Co., Ltd., Quebec, Que.  Archez Doschenegaux, Notre Danna de Pierreville, Que.  Charles O. Maguire, Gayaborough, N.S.  Charles O. Maguire, Gayaborough, N.S.  Charles O. Maguire, Gayaborough, N.S.  Elzen Hovington, M.O., Bon Desir, Que.  John I. Wood, Montreal, Que.
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mjoi	Leagth in feet and 10ths.	94469 24 9749444451001441 E 0 61914
	Where Built. Lieu de construction.	Maryland, U.S.A.  Makione Bay, N.S.  (owl's Bend, N.S.  Bellivean's Cove, N.S.  Keavarin, Ont.  Vancouver, B.C.  Lallaweb, N.S.  Lamaek, N.B.  Bobosygean, Int.  Bobosygean, Int.  Darkmouth, N.S.  Stoveygean, Int.  Darkmouth, N.S.  Stoveygean, Int.  Darkmouth, N.S.  Stoveygean, Int.  Darkmouth, N.S.  Stoveygean, Int.  Makone Bay, N.S.  Stovey Mann's, N.S.  Makone Bay, N.S.  Stovey Mann's, N.S.  Stovey Mann's, N.S.  Garden Bay, N.S.  Garden Bay, Ore, U.S.A.  Garden Bahad, Ont.  Goost Bay, Ore, U.S.A.  Limothour, N.S.  Garden Bahad, Ont.  Goost Bay, Ore, U.S.A.  Limothour, N.S.  Belleville, Out.  Tolorwall, Out.
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. Horresations Ibretisations J.O., Joint owners	Rig. Gréement.	Rgen Bkgtt Skop. Skop. Skop. Gli Seow—Clad Barge—Clad Sebr-Gli Sebr-Gli Sebr-Gli Schr-Gli Sch
	Port of Registry. Port d'enregistre- ment.	Dorchester Halfax Halfax Yanover Wanipeg. New Westminster Janeshure, Lunenbure Halfay, Varcouver Fellower Halfax Varcouver Fellower Gyardman, N. B. Vancouver Varcouver Varcouver Charthan, N. B. Vancouver Varcouver Guybocouper Guybocouper Quebec Montreal.
	Name of Slap	Nile.  Nina.  Nina.  Ninat.  Ninat.  Ninat.  Nith.  Noblity.  Noblity.  Noblity.  Nordla.  Nortla.  No
	Officeal Number Number officiel	98889 107327 107327 107327 107337 107

The Halifax Dredging Co., Ltd., Halifax, N.S.  L. E. Dufteane, et al., J.O., Three Rivers, Que. C. Anadrah and Claude McLachlin, Amprior, Ont. Peter Whelen, Chrawa, Ott. Camadian Pacific Railway Co., Montreal, Que. Peter Whelen, Chrawa, Ott. Cumberland Railway & Coal Co., Montreal, Que. Peter Whelen, Chrawa, Ott. Camadian Pacific Railway Co., Ltd., Halifax, N.S. Camadian Pacific Railway Co., Montreal, Que. Peter Whelen, Chrawa, Ott. W. C. Edwards & Co., Ltd., Halifax, N.S. Camadian Pacific Railway Co., Montreal, Que. Cumberland Railway & Coal Co., Montreal, Que. Camadian Pacific Railway & Coal Co., Montreal, Que. Camadian Pacific Railway & Coal Co., Montreal, Que. Cumberland Railway & Coal Co., Montreal, Que. Cumberland Railway & Coal Co., Montreal, Que. Cumberland Railway & Coal Co., Montreal, Que. E. G. Laverdure, Ottawa, Ont. A. F. Bowrann, et al., J.O., Southhampton, Ont. A. F. Bowrann, et al., J.O., Southhampton, Ont. Creet Lakes Dredging Co., Jtd., Port Arthur, Ont. Greet Lakes Dredging Co., Jtd., Port Arthur, Ont. The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont., The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont. The Upper Ottawa Improvement Co., Ltd., Ot	Onésime Caron, fils, Chateau Richer, Que, James McNeill, Malpeque, P. B.I. E. McCallum, Bryon Island, M.I., Que, Fraak F. Lunter, Shelburne, N.S. Albert Berquist, Victoria, B. B. Albert Berquist, Victoria, B. B. Sidney Inlet Fish Co., Limited, Victoria, B.C. Charles E. Arkinson, Cupe Island, N.S. Usald Lafroniere, Pierreville, Que, Victoria Machiner, Pierreville, Que, Victoria Machinery Perpot Co., Ltd., Victoria, B.C. John G. Mullen, Amhersburg, Ont. Lincola Richardson, West Files, N.B. Robin, Jones & Whittann, Ltd., Hailfax, N.S. Robin, Jones & Whittann, Ltd., Hailfax, N.S. Robin, Jones & Whittann, Ltd., Hailfax, N.S. Robert Spence, Port Morien, N.B. Robert Spence, Port Morien, N.B. Barter, Seelers, Port Morien, N.B. Jannes Malcolm, Port Malcolm, N.S.
133 The Halifax Dredging Co., Ltd., Halifax, 55. L. E. Dufresne, et al., 10. Three Rivers, 14. R. Rotachlin and Glaude McLachlin, Scandian Pacific Railway Co., Moatreell, 19. Peter Macleo, Ottawa, Or., Lot., Rockland, O. G. Cawaria, & C., Ld., Rockland, O. G. Cawaria, & C., Ld., Rockland, O. G. Cardinan Profile Railway Co., Ltd., Rottend, O. Dreten, C. L. Ld., Rottend, O. L. E. Dufresne, et al., Jo., Three Rivers, V. C. Lowers, C. Candian Pacific Railway C. Co., Co., Moatreel, C. Dretend, Railway C. Co., Co., Moatre, C. Camadian Pacific Railway C., Moatre, C. Camadian Pacific Railway C. Co., Ltd., For Hugh F. Cumberland Railway & Coal Co., Moatre, C. Camadian Pacific Railway & Coal Co., Moatre, C. Camadian Railway & Coal Co., Moatre, C. Camberland Railway & Coal Co., Moatre, C. C. Lackler, C. Laverdure, Ottawa, Ont., A. F. Bowman, et al., Jo., Southhampton Great Lakes Dredging Co., J.d., Port Ar. Che Upper Ottawa Improvement Co., Lid., The Upper Ottawa Improvement Co., Lid., Port Cheb. The Upper Ottawa Improvement Co., Lid., Port Ar. The Upper	Onésime Carca, fils, Chateau Richer, Que. 12 James McNeill, Maheque, P.B.I. G. B. McGullur, Bryon Island, M.I., Que. 10 Frasak F. Hunter, Shelburne, N. S. Albert Barquist, Victoria, B.C. Geo. J. and W. H. R. Horne, Eastern Physics Sidney Inlet Fish Co., Limited, Victoria, Charles E. Aktinson, Cape Island, N.S. Ubald Laftoniere, Pierreville, Que. Utartoria Machinery Depot Co., Ltd., Victoria Machinery Prepot Co., Ltd., Victoria Machinery Prepor Co., Ltd., Victoria Machinery Prepor Co., Ltd., Halifax, John E. Minter S. Munroe, et al., St. John's, Nid. Thomas H. Lauteigne Conraquet, N.B. 190bert Spencer, Port Morier, N.B. Janues Malcolm, Port Malcolm, N.S.
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Mahone, Bay N.S. Oetoboang Lake, Que. Mattawa, Ont. Rippewa, Que. Rockland, Out. Rockland, Out. Burmouth, N.S. Mattawa, On. Burmouth, N.S. Mattawa, On. Hull, Que. Gardner's Creek, N.B. Mattawa, Ont. Black River, N.B. Mattawa, Ont. Black River, N.B. Sarander's Creek, N.B. Mattawa, Ont. Black River, N.B. Cardner's Creek, N.B. Mattawa, Ont. Black River, N.B. Cardner's Creek, N.B. Fornard, Ont. Hull, Que. Hull, Que. Hull, Que. Hull, Que. Farsboro', N.S. Parrsboro', Out. Perrsboro', Out. Perr Arthur, Ont. Aydract, Que. Ayltner, Que.	Chateau Richer, Que. Chesticamp, N.S. Chezetcook, N.S. Lunchbur, N.S. Lunchbur, N.S. Cordova Bay, B.C. Cordova Bay, B.C. Cordova Bay, B.C. Notre Dame de Pierre- ville, Que. ville, Que. Victoria, B.C. Baffalo, N.Y., U.S.A. West Isles, N.S. Shelburne, N.S. Shelburne, N.S. Shelburne, N.S. Shelburne, N.S. Shippigan Island, N.B. Seutstrie, N.S. Shippigan Island, N.B. Seeleys Cove, N.B. Coddle's Harboar, N.S.
1896 1896 1896 1897 1896 1896 1896 1896 1897 1897 1899 1899 1899 1899 1899 1899	1907 1886 1904 1883 1883 1883 1879 1879 1906 1896 1906 1899 1907 1899 1899
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No   Halifar   Ottawa   No   Ottawa   No   Ottawa   No   Ottawa   No   Ottawa   Ottawa   No   Ottawa	Quebec Charlottetowa elle Ilaliar Selle Nictoria Piele Nictoria Halitax Over Victoria Pramouth Montreal Insport No. 1. Victoria Ny. St. Andrews
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Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Abbrevations - Abrevations J.O., Joint owners - propriétaires conjaints; M.O., Managing owner - propriétaire gérant.

	8 GEORGE V, A. 1918
Owner or Managing Owner, and Address. Armateur ou propriétaire gérant, et adresse.	Patrick and John Murray, Dippet Harbour, N.B.  Nat han LoXoper, Tangier, N.S.  Nat han LoXoino, Burgas, N.B.  William If Peaceck, Port Hope, Ont., and Wm. Savage, Production, Out.  Everett Gillie, M. O., New Harbour, N.S.  Everett Gillie, M. O., New Harbour, N.S.  Goscho Bower, et al., J.O., Port Credit, Ont.  C. E. Neads, Kenera, Ont.  Graphic Foung, et al., J.O., Port Credit, Ont.  Graphic Foung, et al., J.O., Port Credit, Ont.  Gysun Packet Co., Ltd., Windor, N.S.  William Excett Co., Ltd., Windor, N.S.  William Excett Co., Ltd., Windor, N.S.  Fierer Chiasson, Lamet, N.B.  Annie Nicholas, Grand River, Que.  Annie Nicholas, Grand River, Que.  Annie Nicholas, N.S.  F. Smith, et al. East Fort Medway, N.S.  Henry Seig, M.O., Vogler's Cove, N.S.  F. Smith, et al. East Fort Medway, N.S.  Malterd Morrell, Dicky, N.S.  Jours E. Bonaventure Lamoran, Que.  Miss Blanche McGee, Back Bay, N.B.  David E. Loomer, Tiverton, N.S.  James B. Patterson, Montreal, Que.  B. Lastin, St. Catharines, Out., and A. Sangster, Iroquois, On.
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Breadth in feet and 10ths.	# 4 88 822032882232382828288888888888888888
Longueur en pieds et 1000.	181 4 27 181 4 27 182 4 28 28 28 28 28 28 28 28 28 28 28 28 28
Length in feet and 10ths.	
Where Built. Lieu de construction	Eastport, Me., II.S.A.  New Harbour, N.S.  Boverly, Mass, U.S.A.  Mill Haven, Out.  Port Robinson, Out.  New Harbour, N.S.  Mill Haven, Out.  Ronera, Out.  Roat Port Medway, N.S.  Bast Port Medway, N.S.  Isle Haute, N.S.  Materborough, N.S.  Smith's Cove, N.S.  Shippigan Island, N.S.  Pusket Wedge, N.S.  Lanneburg, N.S.  Lanneburg, N.S.  Lanneburg, N.S.  Lanneburg, N.S.  Charzetcook, N.S.  Shippigan, N.S.  Charzetcook, N.S.  Shippigan, N.B.  Shippigan, N.B.  Bach Bay, N.S.  Gabarouse, N.S.  Gabarouse, N.S.  Back Bay, N. B.  Beer Point, N.S.  Doevral, Que
Built-Construit on.	1900 1900 1900 1900 1900 1900 1900 1900
Rig. — Gréement.	Schop  Schr-Git
Port of Begistry. Port d'enregistre	St. John, N. B. Charlottetown Bournarvillo St. Catharines Canso Ca
Name of Ship.	1935   Olive Nurray   Olive S   Standard   Olive S   Standard   Olive S
Official Number Numéro officiel	1311.1 1133.7 1133.7 133.8 133

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W. H. Adams, Port Maitland, N.S. T. Abier, Shippigun, N.B. T. Abier, Shippigun, N.B. James O. Christian, et its, Prospect, N.S. The Rathban Co., Deseronto, Ont. Mrs. Arthur Orgive, Parresboro, N.S. Mrs. Ballor, Peterboro, Ont. Brank & Son, Ind., et al., Mahone Bay, N.S. Wan, Ballor, Peterboro, Ont. Montreal General Contracting Co., Litd., Montreal, Que. Robert Honderson, Fort Alexander, Man. Victorin Scaling Co., Ind., Victoria, B.C. Comoros Bros., Ltd., Blanck's Harbour, N.B. F. G. Jordan, Marray Harbour, P.E.I. F. G. Jordan, Marray Harbour, P.E.I. F. G. Jordan, Marray Harbour, P.E.I. F. Fobier Claisson (son of Fabien), Island River, N.B. Norman A. Manroe, Whitehaven, N.S.	Belyen and Co., Ltd., New Westminster, B.C. Bobert D. Paterson, wnocouver, B.C. Mavier A. Lanteigne, Caraquec, N.B. Gull of Georgia Towing Co., Ltd., Vancouver, B.C. Gull of Georgia Towing Co., Ltd., Vancouver, B.C. Gull of Georgia Towing Co., Ltd., Vancouver, B.C. Price Brothers & Co., Ltd., Quobec, Quo. Frice Brothers & Co., Ltd., Quobec, Quo. I. W. Piles, New Westminster, B.C. Joseph Wn. Piko, New Westminster, B.C. Joseph Wn. Piko, New Westminster, B.C. Joseph Wn. Piko, New Westminster, B.C. Phesifie Derdging Co., Ltd., Anacouver, B.C. Stuart Comeron, Yancouver, B.C. The Randolph Macdonald Co., Ltd., Victoria, B.C. The Randolph Macdonald Co., Ltd., Victoria, B.C. The Randolph Macdonald Co., Ltd., Vincouver, B.C. The Progressive Steamboat Co., Ltd., Vancouver, B.C. Phekers Steamship Co.
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Port Maitland, N.S. Shippiguo, N.B. Tuncook, N.S. Oswogo, N.Y., U.S.A. Waterbornugh, N.B. Mahone Bay, N.S. Cornwall, Out. Cornwall, Out. Fort Alexander, Man Mahone Bay, N.S. West Isles, N.B. West Isles, N.B. Lamek, N.B.	Now Westminster, B.C. Caraguot, N.B. Caraguot, N.B. New Westminster, B.C. Now Westminster, B.C. Now Westminster, B.C. St. Thomas, Quo. New Westminster, B.C. Now Westminster, B.C. Now Westminster, B.C. Now Westminster, B.C. North, W. C.S.A. Montreal, Quo. L. Islet, Quo. L. Islet, Quo. L. Islet, Quo. North, Wancouver, B.C. Vancouver, B.C. Vancouv
1889 1989 1989 1989 1989 1889 1889 1993 1913 191	1910 1910 1910 1910 1910 1910 1910 1910
Sehr—Glt. Sehr—Glt. Sehr—Glt. Barge—Chd. Sehr—Glt. Sehr—Glt. Barge—Chd. Dredge—Drague Sehr—Glt. Sehr—Glt. Sehr—Glt. Sehr—Glt. Sehr—Glt.	Burge—Chd Scow—Chd Scow—Chd Scow—Chd Scow—Chd Burge—Chd Burge—Chd Dredge—Drague Dredge—Drague Dredge—Drague Dredge—Drague Dredge—Drague Scow—Chd
Ospray. Chathum, N.B. Chathum, N.B. Ospray. Chathum, N.B. Chathum, N. Chathum, N. Chathum, N.B. Chat	No. 2   New Westminster
112285 103005 130583 103305 103305 111882 111882 107736 103375 116596 116596 133917	138111 13815 13816 13836 13836 13836 13836 1384 1384 1384 1384 1384 1384 1384 1384

Poreign name "Sadio," Pormerly a steamer and the "Isaae May,"

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada an 31 décembre 1917.

7		
r-proprietura gerant,	Owner or Managing Owner, und Address. Armateur ou propriétaire gérant, et adresse.	Prackers' Steamship Co., Ltd., Vanceaver, B.C. Phothers' Steamship Co., Ltd., Vanceaver, B.C. Prackers' Steamship Co., Ltd., Vanceaver, B.C. Deakers' Steamship Co., Ltd., Vanceaver, Dut. The Minister of Public Works, Ottawa, Ont.
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owners—propriétaires (v)	Where Built. Lieu de vonstruction	New Westminster, H.C., New Westminster, B.C., Nancouver, B.C., North Vancouver, B.C., Now Westminster, B.C., New Westminster, B.C., New Westminster, B.C., North Vancouver, D.C., North Vancouver, Ont. North
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	Port of Registry. Port d'enegistre- ment.	Vancouver Vancou
	Name of Ship Nom du navire	
i	Official Number Numbro otherel	116415 116417 11

233 The Minister of Public Works, Ottawa, Ont 233 The Minister of Public Works, Ottawa, Ont 123 The Minister of Public Works, Ottawa, Ont 199 The Minister of Public Works, Ottawa, Ont 398 The Minister of Public Works, Ottawa, Ont. 398 The Minister of Public Works, Ottawa, Ont.	938 The Minister of Public Works, Ottawa, Ont 23 Jas. D. Burn, M.O., New Westminster, B.C. 23 Jas. D. Bern, M.O., New Westminster, B.C. 42 Mrs. Jeanne C. Cormier, Sorel, Que.	The Ottawa Transportation Co., Ltd., Ottawa, Ont. 146 The Ottawa, Transportation Co., Ltd., Ottawa, Ont. 199 Robert Murray, M.O., Port Richmond, N.S. 187 British Columbia, Telephone Co., Ltd., Vancouver, B.C.	<ul> <li>A. E. McPadden, Johnson's Mills, N.B.</li> <li>T. H. Smith, West Isles, N.B.</li> <li>H. Thos. Ahier. Shippigan, N.B.</li> <li>The Yarmouth Traching Co., Ltd., Yarmouth, N.S.</li> </ul>	Trent Valley Navigation Co., Ltd., Bobeaygeon, Ont. 41 The Dominion Coal Co., Ltd., Sydney, N.S. 27 The Dominion Coal Co., Ltd., Sydney, N.S. 32 The Dominion Coal Co., Ltd., Sydney, N.S. 38 Millage Kinnie, et al., Waterstde, N.B. 32 Wh. Kemedy, M.O., Bay of Islands, Mdd. 41 Alphones Hamel, St. Jean Deschallons, Que. 42 Alphones Hamel, St. Jean Deschallons, Que. 43 Roger Miller & Sons, Ltd., Foronto, Ont. 10 Sons, M. S. John, N.B. 11 Gelesten Preparier, Carnel River, Que. 11 Ernst & Sons, Ltd., et al., Mahone Bay, N.S. 11 Gelesten Preparier, Grand River, Que. 11 Ernst & Sons, Ltd., et al., Mahone Bay, N.S. 11 Gelesten Preparier, Grand River, Que. 11 Farnst & Sons, Ltd., et al., Mahone Bay, N.S. 12 Elias Sumpon, River Boargeois, N.S. 14 Hardle Ernst, Lancuberg, N.S. 15 Hardle Ernst, Lancuberg, N.S. 15 Hardle Ernst, Lancuberg, N.S. 16 Hordle Ernst, Lancuberg, N.S. 16 Hordle Ernst, Lancuberg, N.S. 16 Hordle Ernst, Lancuberg, N.S. 17 How Marpha, R.C., Ltd., Montreal, Que. 17 Lowis Marphy, Plans and Harbour, N.S. 18 Hardle Ernst, Lancuberg, N.S. 18 Hardle, Mindsor Decigning Co., Ltd., Vancouver, B.C. 18 Then Achel Good Simil, Lancuberg, N.S. 19 Millerd L. McDongald, Westmonatt, Que. 18 Charles A. Wadlin, et al., J. O., Reuver Harbour, N.B. 18 Simon P. Committe, Grand Etung, N.S. 18 Machol McPhall, Wellington, N.B. 18 E. Shatford, et al., Indian Harbour, N.S.
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<sup>3</sup>Foreign name "Industry," <sup>2</sup>Formerly "Ontario", <sup>3</sup>Formerly "Sir Wilfred."

Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Abbrestations - Abretiations J.O., Joint owners - propriétaires conjoints; M.O., Manneinz owner - propriétaire gérant.

der proprietate gerant.	Owner or Managing Owner, and Address. Armatour on propriétaire gérant, et adresse.	Hermenegilde Caron, Tadousac, Que. Samuel A. Akerly, Pennfeld, N.B. The Atlas Sated Co. Ltd., Montreal, Que. G. D. Coyle, St. John, N.B. Mathew Ryan, Smith's Feldis, Ont. The Chandlan Fishing Co., Ltd., Vancouver, B.C. Frank C. Lohnes, M. O., Caros, N.S. The Chandlan Fishing Co., Ltd., Vancouver, B.C. Frank C. Lohnes, M. O., Caros, N.S. The Chandlan Fishing Co., Ltd., Newenstle, N.B. Alexander Poirier, Poirierille, N.S. T. Aher, Shipping, N.B. J. W. Leblano, Grand Raver, Que. J. M. Jeblano, Grand Raver, Que. J. A. Sayward, Victoria, B.C. M. J. Shiphing, M.B. J. M. Sayward, Victoria, B.C. M. J. Price, Quebec, Que. J. B. Smith, Montreal, Que. H. Perreault, Derenia Mich. J. S. A. H. Perreault Derenia Mich. J. S. A.	101 Germain Pougore, Champlain, Que. 2 J. B. Chamberland, Borville, Que. 2 J. B. Chamberland, Borville, Que. 2 J. B. Chamberland, Borville, Que. 3 Wm. E. Phin, Toronto, Ont. 3 Wm. E. Phin, Toronto, Ont. 4 John C. Williams, South Ingenish, N.S. 4 Placelde Vignesu, Esquimanx Point, Que. 4 Frank X. Legere, Shediae, N.B. 5 Frank X. Legere, Shediae, N.B. 6 Mahlon Rodenhiser, M.O., Lunenburg, N.S. 6 Adelard Benudet, St. Jean des Chanllons, Que.
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erations lovertations 5.0., Joint Owners proprietatives conjoints; M.O., Manaking Owner proprietaire gerant	Where Built. Lieu de construction	Ste. Croix, Que St. Patrick, N B St. Cuthurines, Out St. Cuthurines, Out St. John, N B. Stedy's Bay, Out Noed State, N S. Liverpool, N S. Liverpool, N S. Chathem, N B. Chathem, N B. Pette Rivier, N B. Shippigan, N B. Chathen, N C. Chathen,	Grondines, Que. St. Aimé, Que. Detroit, Mich., U.S.A Buffalo, N.Y., U.S.A Scouth Ingonish, N.S. Esquimmar Point, Que. Huctouche, N.B. Lunenburg, N.S. Yannaska, Que.
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SESSIONAL	PAPER No. 22		
Emile Churland, Montreal, Que.  17 Alex. Lamsden, Ottawa, Ont. 18 James Mahoney, Kingston, Ont. 9 Fred. Richard, Little Bras d'Or, N. S. 645 Coustwise Steamship & Barge Co., Ltd., Vancouver, B.C.	Co., Ltd., Windsor, N.S.  Port Hillord, N.S.  Port Hillord, N.S.  Port Hillord, N.S.  Jo., Ltd., Nictoria, B.C.  ontreal, Que.  I. Levis, Que.  Outen, Scholar, Core, N.B.  dec Co., Ltd., Montreal Que.  fallways and Canals, Ottawa, Ont.  Railways and Canals, Ottawa, Ont.  Railways and Canals, N.S.  well, Parsboro, N.S.  well, Parsboro, N.S.  well, Parsboro, N.S.  well, Parsboro, N.S.  M. Cataquae, A.Hallika, N.S.	Ingonish, N. S.  Ingonish, N. S.  L.H. McLean, Charlottefown, P. E.I. William J. Poupore, Westmount, Que. The W. J. Poupore, Co., Ltd., Montreal, Que. The W. J. Poupore, Co., Ltd., Montreal, Que. The W. J. Poupore, Co., Ltd., Montreal, Que. John Bellfontaine, Chezzetcook, N. S. Hobn Bellfontaine, Chezzetcook, N. S. Richeliau tee Co., Ltd., Mortreal, Que. Britannia Mining & Smetting Co., Ltd., Britannia Beach, B.C. Standard Fish & Fertilizer Co., Ltd., Britannia Beach, B.C. Herbert C. Boyce, Bridgetown, Bdos. Mrs. E. A. Newcomp, St. John, N. B. Rollez, E. S. Simfon, W. B. John S. Martin, Port a Busque, Nib. John S. Martin, Port a Busque, Nib. M. Lanteigne, Carraquet, N. B. M. Lanteigne, Carraquet, N. B.	Jean Designiers, Quebec, Que. The CatadianTowing & Wrecking Co., Ltd., Port Arthur, Ont. James S. Gregory, St. John, N.B. Good, A. Cox, M.O., Shelburne, N.B. West Coast Bridge & Dredging Co., Ltd., Vancouver, B.C. The Montreal Sand & Gravel Co., Ltd., Montrent, Que. The Montreal Sand & Gravel, Co., Ltd., Montrent, Que. The Barnet Lighterage Co., Ltd., Montrent, Que.
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ALTHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1917.

Liste alphabétique des bavires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. . Ibbrendtons .. Ibrégnations J.O., Joint owners - propriétaires conjoints; M.O., Managing owner-propriétaire gérnot.

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	Ownor or Manager Owner, and Address. Armatour ou propriétaire gérant, et adresse.	Frank Ingersoll Grand Manan, N.B.	Quebee Harbrar Commissioners, Quebee, Que. Quebee Intrboar Commissioners, Quebee, Que. Vancteel Transportation Co., Ltd., Narcolaver, B.C. Marsh Statton Powers Co., Ltd., Narcolaver, B.C. Marsh Statton Powers Co., Ltd., New Wiedminder, B.C. John P. Shumon, Whitesido, N.S. John P. Shumon, Whitesido, N.S. Milliam A. Aoggett, White Point, N.S. Atlantic Dredging Co., Ltd., Louisburg, N.S. Quinhoo & Robertson, Ltd., Montreal, Que.	James Richardson Co., Ltd., St. Jerome de Matane, Que. Robert Weddell, Teaton, Ont. Charles H. Mathews, & Etete, N.B.	Claude II. Rogers, Peterborough, Ont. Claude II Rogers, Peterborough, Ont. Innes W. Harkett, Vancouver, B.C. Robert Ferton, New Westminster, B.C. Peter I. Fiett, Caraquet, N.B. The Randolph Macdanald Co., Ltd., Toronto, Ont.	The Randolph Macdonald Co., Ltd., Toronto, Oat.	230 The Randolph Macdonald Co., ltd., Toronto, Ont.
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	Where Built. Lieu de construction. Length in feet and 10ths.	Shelburne, N.S.	Toronto, Ont. Now Westminster, B. C. New Westminster, B. C. New Westminster, B. C. Star, Alma, N. B. Essex, Mass, I. S.A. Essex, Mass, I. S.A. Essex, Mass, I. S.A. Lincollau, Que	Capucias, Que. Treaton, Ont. Weymouth, N.S.	Peterborough, Ont Peterborough, Ont. Vancouver, B.C., New Westmister, B.C., Garaquet, N.B., Hastings, Ont.	Welland, Ont	1.,S.A
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	Name of Ship Nom dy aavtre.	Pythina Koight	Q. H. C., No. 51   Quebec Q. H. C., No. 52   Quebec Q. H. C., No. 54   Quebec Q. H. C., No. 55   Quebec Q. H. C., No. 56   Quebec Q. Questaboro One. Now W. Queenshoro Two. Now W. Queenshoro Quee	43) Quinte Chief Quodily Queen		R. M. Co., Dredge Tomato.	June
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4 Roger Miller & Sons, Ltd., Toronto, Ont. 7 Roger Miller & Sons, Ltd., Toronto, Ont. 8 Roger Miller & Sons, Ltd., Toronto, Ont. 8 Roger Miller & Sons, Ltd., Toronto, Ont. 8 Roger Miller & Sons, Ltd., Toronto, Ont. 9 Roger Miller & Sons, Ltd., Toronto, Ont. 5 Roger Miller & Sons, Ltd., Toronto, Ont. 1 The Minister of Public Works, Ottawa, Ont. 8 Roger Miller & Sons, Ltd., Toronto, Ont. 9 Roger Miller & Sons, Ltd., Toronto, Ont.	<ul> <li>Vibert and Joseph Salter, J.O., North Sydney, N.S.</li> <li>Hornec Bartlet, Sornia, Ont.</li> <li>Mrs. Rosanna Nevillo, Halifar, N.S.</li> <li>John Cadarette, Belle River, Ont.</li> </ul>		
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1902 1912 1912 1912 1914 1914 1913 1913 1913	1899 1877 1906 1882	1907 1907 1907 1907 1908 1908 1908 1908 1908 1908 1908 1808 18	1903 1896 1910 1915 1859 1879 1905
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M. & S. No. 1.   Toronto M. & S. No. 4.   Toronto M. & S. No. 5.   Toronto M. & S. No. 6.   Toronto M. & S. No. 7.   Toronto M. & S. No. 9.   Toronto M. & S. No. 9.   Toronto M. & S. No. 9.   Toronto M. & S. Dredge 2   Toronto M. & S. Dredge 2   Toronto M. & S. Scow   Toronto M. & S. Scow   Toronto M. & S. Scow   Toronto M. & S. Scow No.   Toronto	P. S. Charlottetown Windsor, Oat G. Hervey. Yarmouth II. Brown.	rd. Barrington Passage thern. Ottawa.  Innenbarg. Shelburne. Ottawa. Shelburne. Ottawa. St. John, N.B. Prince Albert. Prince Albert. Varnouth. Nancouver. Victoria O. 2. Victoria Victoria O. 2. Victoria	d R. Barrington Passage.  Varnouth Varnouth (1876 Chuthun, N.B Chuthun, Oguchee Ses Angess (Quebec Barrington, Fffort, Fffort, Phumb
130319 R. 131082 R. 131083 R. 131083 R. 131083 R. 134453 R. 133749 R. 130315 R.	107564 R. 74064 R. 121881 R. 94847 R.	122233 R. 122233 R. 130526 R. 116526 R. 116526 R. 116526 R. 12229	107059 Re- 108706 Re- 122038 Re- 137914 Re- 42707 Re- 77599 Re- 116749 Re- 116749 Re-

Lişte alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

. The relations - Ibrégiations: J.O., Joint owners - propriétaires conjoints; M.O., Managing owner - propriétaire gérant.

			8 GEO	RGE V, A. 1918
	Owner or Manuging Owner, and Address. Armateur ou propriétuire gérant, et adresse.	Robin, Jones & Whitman, Ltd., Utalifax, N.S. Ontario Cornedum (°o., Ltd., Ottawa, Ont. John G. Robiehaud, Shippigan, N.B., and Joseph Therian, Carnquete, N.B. Arroine Léveille, Batisean, Que, Melvin Morse, Grand Manna, N.B. E. G. Laverdure, Utawa, Ont Sylvain Dugeny, Shippigan, N.B. R. D. Gilchirste, St. John, N.B. R. D. Gilchirste, St. John, N.B. John W. Alley, Habilay, N.S., and Alexander McDonald, Darfmouth, N. S., and Alexander McDonald,	Issue Newton, Grand Harbour, Grand Manan, N.B. William Schrider, Chaso, N.S. John A. Doucette, Cape St. Mary's, N.S. John Strick, et al., Rose Bhy, N.S. John Alexander, M.O., Shippigan, N.B. Lange Albert, Caraquet, N.B. Lange Albert, Caraquet, N.B. Hantlord Small, Grand Manan, N.B. Hantlord Small, Grand Manan, N.B. Cunada Steamship Lines, Ltd., Montreal, Que.	Jos. L. Clevand, Margurtswille, N.S. Arrène Douce, Crand Lidner, N.S. The Minister of Rainfulking, N.S. Levi J. Nickerson, Cape Island, N.S. Daniel McDonald, Port Richmond, N.S. Daniel McDonald, Port Richmond, N.S. A. E. Flower, Camping, N.B. Thes Carson, St. John, N.B. M. O'Brien, Campobello, N.B. Michael Williams, Macquodeloot Harbour, N.S. M. Christian, Prospect, N.S.
	Tonnage enregistre.	177 777 777 777 777 777 777 777 777 777	TE0821E28 * 91	888888888888888888888888888888888888888
e    -	Registered tonnage.			
	Prolondeur en pieds et 10en.	000 00 00 00 00 4 1 1 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	224000000000000000000000000000000000000	15 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	Largeur en pieds et 100a. Depth in leet and 10ths.	\$60 00 00 00 00 00 00 00 00 00 00 00 00 0	04000000000	201-4001004-004
	Breadth in feet and 10ths.	11922222	255882288668	35513513513751
	Longueur en pieds et 10es.	440 440 440 440 440 440 440 440 440 440	38 38 4 155 6 6 6 7 155 6 6 6 7 155 6 6 6 7 155 6 6 6 7 155 6 6 7 155 6 6 7 155 6 7 15	330 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
.    -	Length in feet and 10ths.			[+ C) [+ C) (C) 4F (C) C) 4F 4F 4F
	Where Built, Lieu de ronstruction.	Barry's Bay, Ont. Caraquet, N.B. Caraquet, N.B. Shippigan, N.B. See, Anne de la Parade, Hall, Qee, Shippigan, N.B. Caraquet, N.B. Weckham, N.B.	St. John, N.B. Cupersport, N.S. Cupe St. Mary, N.S. Lanenburg, N.S. Lathave, N.B. Shippigan, N.B. St. Martins, N.B. St. Martins, N.B. Liverpool, N.S. Liverpool, N.S. Marine City, Mich., U.S.	Portland, N.B. Lattel River, N.S. Welland, Ont. Cape Island, N.S. Port Metwy, N.S. Indian Harbour, N.S. Canning, N. H. St. Martin's N.B. Clane, N. S. Clare, N. S. Clare, N. S. Clare, N. S. Chex, C. Chex, N. S. Chextectook, N. S.
	Built-Construit on	1907 1914 1914 1916 1916 1917 1917 1917 1917 1917 1917	1885 1885 1885 1885 1885 1885 1885 1885	1881 1882 1883 1883 1883 1883 1883 1883
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	Port of Registry. Port d'enregistro- mont.	Halifax Ottawa Chathom, N.B. Chatham, N.B. Quebee St. John, N.B. Ottawa Ottawa N. John, N.B. St. John, N.B. St. John, N.B.	st John, N.B. Charles Digly, Lucebourg Lucebourg Charlanm, N.B. St. John, N.B. St	St John, N.B. Hahlax Cittawa Yarmouth Archat Guysboro St John, N.B. St. John, N.B. St. Andrews Hallfax Hallfax
	Name of Ship.	Reliance Reliance Remon Remon Remon Remon Rena F Rena F Rena F Repelvin Repourer Rescue	Reta & Rhoda. Reta S. Reta S. Review Review Reward Reward Reward Rex Rex Rhoda G. Ralfo.	Richard S monds. Richm and Queen. Rilla May. Rilla May. Ripple.
	Official Number Numéro officiel	116337 116337 134322 1035-6 1075-6 10	107547 112024 111521 126114 13047 13047 107947 107947 111967 111967	37172 12059 100932 121466 15163 15163 10223 112224 1559 1559 15575 96806

## SESSIONAL PAPER No. 22

SESSIONAL PAPER No. 22	
J. LeBlanc, Arichat, N.S. Robin, Jones & Whitman, Ldd., Halifax, N.S. Win, Fruing & Co., Ldd., Jersoy, C.L. Thomas Adinis, a., Gaspe, Que. Thomas Adinis, a., Gaspe, Que. Thomas Gagnon, Arichat, N.S. John D. McKenzie, Canso, N.S. Thomas Gagnon, Arichat, N.S. W. W. Lewis, Louisburg, N.S. W. W. Lewis, Louisburg, N.S. David Ritcoy, M.O., La Have, N.S. Breid Ritcoy, M.O., La Have, N.S. David Ritcoy, M.O., La Have, N.S. David Ritcoy, M.O., La Have, Ont. Robin, Jones & Whitman, Ldd., Halifax, N.S. T. T. Landlau, S.L. John, N.B. Pacific Dredging Co., Ltd., Vancouver, B.C. Frederick D. Brown, Toronto, Out., and John A. Aylmer, Peterboro, Out., J.O. The Minister of Public Works, Ottawa, Out. The Canadian Dredge & Construction Co., Ltd., Midland, On. Conract A. Rowe, Parisboro, N.S. Connard A. Rowe, Parisboro, N.S. Leonard A. Rowe, Parisboro, N.S. Leonard A. Rowe, Parisboro, N.S. Leonard A. Rowe, Parisboro, N.S. Sebonore Romine, Ldd., Charlaum, N.B. Hilaire Sudiner, Mcteghan, N.S. Hilaire Sudiner, Mcteghan, N.S. Hilaire Sudiner, Mcteghan, N.S. Philip Rive, Caraquet, N.B. George Lutch, Tereme Bay, N.S. Ansellin Shara, Romansaka, Que. Joseph O'Toole, Louisburg, N.S. Ansellin Shara, Romansaka, Que. Joseph O'Toole, Louisburg, N.S. Ansellin Shara, Romanne, River Daugecois, N.S. Ansellin Shara, Romanne, Roman	3333333333
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Arichat, N.S. Clyde River, N.S. Shippigan, N.B. Far Have, N.S. Shippigan, N.B. Fort Clyde, N.S. Fort Bay, N.S. Waterborough, N.B. Lockspot, N.S. Portland, Ore. U.S.A. Campuelliord, Ont. L'Ardoise, N.S. Port Greville, N.S. Fancock, N.S. Fancock, N.S. Fancock, N.S. Fancock, N.S. Gaspel, Que. Bic, Que. Campipagan, N.B. Bic, Que. Campipagan, N.B. Shippigan, N.B	tt 1994 Belliveau's Cove, N.S. 128 9 31 4 184
1914 1880 1880 1880 1880 1880 1880 1880 18	1904 1895 1895 1891 1865 1910 1879 1899 1904 1904 1904
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Risk Chatham, N.B. River Bello. Chatham, N.B. River Bello. Chatham, N.B. River Swan Hailiax Probale. River Swan Riverdale. Chatham, N.B. Riverdale. Barrington Passago. River Swan Parchart. St. John, N.B. Riverdale. Lunenburg. Lunenburg. Robert J. Dale. Lunenburg. Robert R. Christian St. Cathariaes. Chatham, N.B. Robert R. Christian St. Cathariaes. Chatham, N.B. Robin Hood. New Westminster. Robin Hood. New Westminster. Robert Robert R. Christian St. Cathariaes. St. John, N.B. St. John, N.B. St. John, N.B. St. John, N.B. Romain. Midland. Arichat. Romain. Arichat. Bond A. T. Lunenburg. Rollind. Arichat. Romain. Montreal. Romain. Montreal. Chatham, N.B. Rosa Georgina. Chatham, N.B. Rosa Alba. Chatham, N.B. Rosa Choir. Lunenburg. Montreal. Lunenburg. Lunenburg. Montreal. Lunenburg. Lu	Liverpool Kingston Descronto Mallneeburg Italifax Lumenburg Digby, St. John, N.B. Dighy Yarmouth, Chatham, N.B.
1303358 872191 872588 775548 775547 100319 1007536	111892 100668 103391 85702 85702 85702 85702 100539 111835 111835 111835 111835 111835 111835 111835 111835 111835 111835 111835

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1917.

LISTE ALTHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Abbrengtons threngtons J.O., Joint owners propriétaires conjoints; M.O., Managing owner-propriétaire gérant.

II				
	Owner or Muaaging Owner, and Address. Armateur ou propriétaire gérant, et adresse.	Heery Savard, St. Simfon, Que. Harry E. Ogilvie, Purrsboro, N.S. J. M. Ward, Miscon, N.B. Jacob M. Hebert, Shedhae, N.B. William Duff, M.C. Ltd., Sydney, N.S. William Duff, M.C. Lanceburg, N. S. Sinai Ache, Shippigan, N.B.	Albert E. Stevens, Moodyville, B.C. Albert E. Stevens, Moodyville, B.C. Albert E. Stevens, Moodyville, B.C. Studrack Bareroff, Grand Manna, N. B. Standard Electric Welding Co., Lid., Vancouver, B.C. The Imperial Oil Co., Lid., Sardin, Ont. The Omperial Oil Co., Lid., Sardin, Ont. Maarice H. Tults, Salmon River, N. B. Harmon Irvin, Sectt's Bay, N. S. The Yarmout Frading Co., Lid., Varmouth, N. S. Arnie C. Boudrot, Poularnond, N. S. John Hayes, M.O., Halfax, N. S. The Sincennes-McNaughton Line, Lid., Montreal, Que,	Joseph Bennett, Boston, Mass., U.S.A. Isuinh Fougère, Jarry's River, N.S. H. J. Balcom, Port Dufferin, N.S. M. Alcacd, Ingonish, N.S. Victoria Tug Co., Ad., Victoria, B.C. Victoria Tug Co., Ad., Victoria, B.C. Victoria Tug Co., Ltd., Victoria, B.C.
	Tonnage entegistré.	100 100 100 100 100 100 100 100 100 100	28 211 211 20 20 62 33 62 62 62 63 63 64 64 64 65 65 65 65 65 65 65 65 65 65 65 65 65	50 103 204 204 204 204 204 204 204
-	Prolondeur en pieda et 10°°. Regiatered tonnage.	+222260+6		0 498000000
ļ,	Largeur en pieds et 10ce. Depth in feet and 10ths.		+03+05525+044	× 2000000000000000000000000000000000000
	Breadth in feet and 10ths.	12500443	212283320032 212283320032 212283320032 212283320032	90000000000000000000000000000000000000
	Longueur en pieda et 10ea.	36 2 4 5 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	43 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	55 34 55 55 55 55 55 55 55 55 55 55 55 55 55
	Where Built. Lieu de construction.	St. Simfon, Que. Greenwich, N.B. Caraquet, N.B. Mecon, N.B. Rexton, N.B. Rexton, N.B. Choter Busin, Noveny Choter Busin, N.S. Shippigan, N.B.	Vincouver, B.C., Nancouver, B.C., Nancouver, B.C., Nancouver, B.C., Set John, N.B., Set John, N.B., Newtile, Wash, U.S.A., P.L. Richmond, U.S.A., Supportion, B.C., Salmon River, N.B. Daby, N.S., Pubnico, N.S., Pubnico, N.S., Salcolburne, N.S., Salcolburne, N.S., Salcolburne, N.S., Salcolburne, N.S., Sorel, Que.	Parrsboro, N.S. La Have, N.S. Tancsok, N.S. Victoria, B. C.
	Built—Construit on	1892 1892 1894 1894 1907 1917 1818	1903 1903 1903 1903 1903 1903 1903 1903	1855 1872 1872 1872 1872 1872 1874 1874 1874 1874 1874 1874 1874 1874
	Rig. Grésment	Shop. Schr-Git Schr Git	Scow—Chd Scow—Chd. Scow—Chd. Scow—Chd Few—Chd Dredge-Drigge Chd Dredge-Drigge Sch—Git	Schr Glt Schr Glt Schr Glt Schr Glt Schr Glt Sarge-Chd Barge-Chd Barge-Chd Barge-Chd Barge-Chd Barge-Chd Barge-Chd Barge-Chd Barge-Chd Barge-Chd Sarge-Chd
	Port of Registry. Port d'enregistre- ment,	quebec St John, N B Chatham, N B Chatham, N B Chatham, N B Chatham, N B Lantham, N B Lanchum, N B Lanchum, N B Chatham, N B	Vancouver Vincouver Vincouver Voncouver Voncouver Vancouver Vancou	St. Andrews Halifux Lunenburg Sydney, N.S. Sydney, N.S. Victoria Victoria Victoria Victoria Victoria Victoria Victoria Victoria Victoria
	Name of Ship Nom du navire.	Ruby, Roby, Rupsit Russel Russe Ruth, D Veluns Ryse	1. 1	School State III
1	Offical Number Number officiel	1 200 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11411111111111111111111111111111111111	13769 171139 17247 17471 17467

one.	Peter Haggbloom, Port Burwell, Ont. Robin, Jones & Whitman, Ltd., Halifax, N.S. Charles Fongere and Hubbert, Darion, J.O., Port Felix, N.S. Charles Fongere and Hubbert, Darion, J.O., Port Felix, N.S. Gagnon, St., Sinford, Que. G. Gagnon, St., Sinford, Que. Martice Dégaggé, Les Bouleunents, Que. Martice Dégaggé, Les Bouleunents, Que. Francois Bourgoing, Tadousac, Que. Francois Bourgoing, Tadousac, Que. Francois Bourgoing, Tadousac, Que. L. Foster, St., Finneois, Wavier, Que. Alfred Remuel, La Petio Rivière, St. Francois Xavier, Que. Thomas Lavoin, M.O., Rivière St. Francois, Que. Achille Lavigne, St. Louis de Bonsecours, Que. Achille Lavigne, St. Louis de Bonsecours, Que. Nacrisse Collin, Montmagay, Que. George Gagné, Les Eboulennents, Que
N.S. N.S. inster, G.J. inster, G.J. inster, G.J. in Que. (e. N.S. N.S.	N.S. O. Port E. Que
a, B.C.  B.C	II. Ont. II. Inlifax, Vortion J. Unlifax, Journal J. Unlifax, Joueness, Quee. Constitute St. F. Free, St.
Ltd., Victoria, B.C. O., Isaae's Harbou Herten, B.S. Les Escoumains, G. Herten, W.S. Les Escoumains, G. Ltd., Jersey, C. L. Shipping, N. B. End Peschullons, Que. Lecleroville, Que. Lecleroville, Que. Lecleroville, Que. Les Eboulements, Gontmagn, Que. Les Ester, Que.	ort Burwe mun, Ltd. II Joher, II Bell Groun n, Que, Leen Des se Bain, Que e Bain, Que le Playse, to
Tug Co., Liv Tug Co., Liv Jung Co., Liv Jung Co., Lid Tug Co., Lid Tug Co., Lid Tug Co., Lid Singan, M.O., M. M. Merica, M.O., M. M. Merica, J. M. M. M. Son, Lid., G. Son, Lid., G. Son, M.	bloom, P.  s.& Whith ngive, and ndives, G. St. Simfe rrette, St. grand, J. Charles, St. Charles,
Nictoria Tug Co., Ltd., Victoria, B.C. Victoria Tug Co., Ltd., Victoria, B.C. Victoria Tug Co., Ltd., Victoria, B.C. Sir John Jackson (Canada) Ltd., Westminster, G.B. Victoria Tug Co., Ltd., Victoria, B.C. A. W. Poitzsch, M.O., Isaas's Harbour, N.S. Mas, I. A. Ball, Heriot Bay, B.C. David Douestic, Chetteramp, N.S. Alphonse Degarde, He-aux-Condres, Que. W. H. Mitchell, Jedelore, N.S. Morial Tremblay, Mile Vaches, Que. W. H. Mitchell, Jedelore, W.B. Auger, & Son, Ltd., Quebec, Que. Tonis Harvey, Isle-aux-Condres, Que. Tonis Harvey, Isle-aux-Condres, Que. Tonis Harvey, Isle-aux-Condres, Que. Tonis Harvey, Isle-aux-Condres, Que. Tonesian Chaisson, Shippigan, N.B. B. Charland, S., Jean Preschuillons, Que. Thomas Some, Montreal, Que. Thomas Some, Montreal, Que. Thomas Some, Montreal, Que. Solein Tremblay, Les Eboulements, Que. Milfred Vezin, Cranc Island, Que. Solein Tremblay, Les Eboulements, Que. Archur Tremplay, Les Eboulements, Que. Archur Tremplay, Les Eboulements, Que. Althur Tremplay, Les Eboulements, Que.	Peter Haggbloom, Port Burwell, Ont. Robin, Jones & Whitman, Ltd., Ifalifax, N.S. Charles Fongere and Hubert, Dorion, J.O., Port Felix, N.S. Eugene Grandines, (file) Grondines, Que. Cagnon, S., Sinfoon, Que. Philippe Carrette, St. Iven Deschallons, Que. Philippe Carrette, St. Iven Deschallons, Que. Philippe Carrette, St. Iven Deschallons, Que. Ferneois Bourgoing, Tadousne, Que. Ferneois Bourgoing, Tadousne, Que. E. T. Dunond, Tadousne, Que. E. T. Burnond, Tadousne, Que. E. T. Fonger, S. Sinfoon, Que. Thomas Lavois, M.O., Rivière, St. Francois Xavier, Que. Alfred Romuel, La Petito Rivière, St. Francois, Que. Achille Lavigne, St. Paul Pirmite, Que. Losseph Carran, St. Louis do Bonsecours, Que. George Gagné, Les Fboulonnents, Que. George Gagné, Les Fboulonnents, Que.
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Victoria, B.C. Victoria, B.C. Victoria, B.C. Victoria, B.C. Victoria, B.C. Eburno, B.C. Eburno, B.C. Eburno, B.C. Eburno, B.C. Tusket, N.S. Victoria, B.C. Tusket, N.S. Victoria, B.C. Tusket, N.S. Pettie Rivière, Que Portaeul, Que Portaeul, Que Chatean Richer, Que Portaeul, Que Chatean Richer, Que Chatean Richer, Que Chatean Richer, Que Lambek, N.B Ste, Aphonsa, Que Lambek, N.B Ste, Croix, Que Chatean Richer, Que Lambek, N.B Ste, Expollements, Que Chatean Richer, Que Las Eboulements, Que Crace Estandiand, Que Liste Eboulements, Que Crace Boulements, Que Liste Eboulements, Que Liste Eboulements, Que Crace Boulements, Que Liste Boulements, Que St. Fulgence, Que Crace Boulements, Que Liste Boulements, Que Liste Boulements, Que Liste Boulements, Que Liste Riviere, St. Parrashoro', N.S. St. Anick, Que Parrashoro', N.S. Barrashoro', N.	Sophiasburgh, Ont. Eastern Harbour, N.S. Petic of Grat, N.S. St. Crox, Que Centilly, Que Gentilly, Que Gentilly, Que Fradouste, Que Les Ebbuloments, Que El Sief, Que Sis Sinden, Que El Sief, Que Sis Sinden, Que Kivièr Francois, Que Mille Vaches, Que St. Anné, Que
Victoria, B.C. Victoria, B.C. Victoria, B.C. Victoria, B.C. Victoria, B.C. Eburno, B.C. Eburno, B.C. Eburno, B.C. Tusket, N.S. Tusket, N.S. Tusket, N.S. Tusket, N.S. The Escoularian The Chatean The Chat	Sophiasburgh, O Eastern Harbou Petic of Grut, St. Crott, Que. St. Siméon, Que Gentilly, Que. Tadousue, Que. Tadousue, Que. Tslet, Que. Se. Fluxie, Que El Fluxie, Que El Fluxie, Que. Se. Siméon, Que Kielet, Que. Se. Siméon, Que Kielet, Que. Se. Siméon, Que Kielet, Que. St. Aimé, Que. St. Aimé, Que. St. Aimé, Que. St. Aimé, Que. St. Aimé, Que.
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Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

unada au 31 décembre 1917.	étuire gérunt	
ste alphabétique des navires à voiles inscrits dans les registres maritimes du Cana	Abhrenations -Abrehations J.O., Joint owners - propriétaires conjoints: N.O., Managing owner - proprié	
LISTE A		

			8 GEORGE	٧,	A. 1918
partition of the partit	Owner or Managing Owner, and Address. Arnateur ou propriétaire gérant, et adresse.	Alexandre Hamel, St. Jean Dokchaillons, Que.  Eugene Dufent, Petite Rivière, St. Francois Kavier, Que.  C. E. Belyea, A. John, W. B.  C. E. Belyea, A. John, W. B.  Green Castongus, River Blunche, Que.  Richard T. Sandhill, North Sydney, N. S.  Rebin, Joacs & Whitmon, Ltd., Hulifax, N. S.  P. Tremblay, Isle nax Condres, Que.  Jules Tremblay, Las Eboudermuls, Que.  Pierre Lavoic, Petit Rivière, St. Francois, Que.  Pierre Lavoic, Petit Rivière, St. Francois, Que.  Bagene H. Ganyan, Shippigan, N. B.  R. Gione, Garaquet, N. B.  B. Gione, Garaquet, N. B.  L. Berner, P. Pleasant Harbour, N. S.  L. Peron, Les Eboulements, Que.  L. Peron, Les Eboulements, Que.	A. Britis, St. Lonas, Isle awa Coudres, Que. A. Bais, Les Ecurcuits, Que. E. Himbeault, Chateau Richer, Que. Elzent Gagman, M.O., St. Fulganes, Que. Thomas Tremblay, Rivière St. Francois, Que. Nelson Blanchette, Cap St. Ignace, Que.	Alfred Tremblay, Grandes Bergeronnes, Que.	Joseph Ouellett, St. Germain de Rimouski, Que. Geo. C. Stephen, Montreal, Que. Arrhur Leelere, M.O., St. André de Kamoutaska, Que. Germain Lavoie, Petito Rivière, St. Francois Xavier, Que.
X .	Negistered tonnuge.		19 111 111 111 111 111 111 111 111 111	533	2000
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- Acoregianous	Port el Registry. Port d'enregistre- ment.	Quebec Quebec \$t John, N. B. Quebec Lunenburg. Port Ilawkesbury Quebec Quebec Quebec Quebec Charban N. B. Charlam N. B. Quebec	Quebec Quebec Quebec Quebec Quebec	Quebec	Quebec Quebec Quebec Quebec
	Name of Ship. Nom du navire.	St. George. St. George. St. George. St. George. St. Grown. St. Grown. St. Halen. St. Joseph.	v. v. v. v. v. v.	St. Laurent.	St. Laurent. St. Laurent. St. Laurent. St. Laurent.
-	Official Number Numéro officiel.	116701 111612 103364 10337 10337 101459 111459 111459 11599 1159	103.67 103.53 103.52 103.52 107.23 111.451 107.23 I	111622	\$5467 77873 9713 116704

Michael McAuliff, et al., J.O., Welland, Ont. Advander Peters, L.Ardorise, N.S. Miss Jane Thompson Patterson, Kingston, Ont. Jos. Chénard, Sto. Emélie, Que. S. Caron, Les Escoumans, Que. L. Dulour, St. Siméon, Que. L. Dulour, St. Siméon, Que. J. Jaho Borgeron, M.O., Jale nux Condres, Que. Joseph Boullon, Rimonski, Que. Jalento, Carolina, Alborton, P.E.1. Elisée Dancau, Notre Damo de Pierreville, Que. Paul Joly, Stc. Anne de Sorel, Que.	Cyrille Lovesque, Green Island, Que. Adolpho Aehé, Shippigan, N.B. Jos. Durand, Champlain, Que. Los. Durand, Champlain, Que. Edgard Trembhy, Ance St. Jean, Que. Edgard Trembhy, Ance St. Jean, Que. A. Tremblay, Grandes Bergerennes, Que. Ernest Lizotte, Pierroville, Que. Ernest Lizotte, Pierroville, Que. Ennest Lizotte, Pierroville, Que. Ennest Lizotte, Pierroville, Que. Edgard M. Poteste, et al., Fort Morien, N.B. Yavier Marion, Lothinder, Que. Edgard M. Pieters, et al., Fort Morien, N.S. Emile Fournier, L'Islot, Que. S.	Amable Lavoie, Petite Riviere St. Francois.  1 F. Simard, Clatheun kicher, Que.  3 Jana P. Noel, Shippigan Island, N.B.  1 C. Vézime, Crane Island, Que.  1 Lazare Michaud, 1sle Vette, Que.  2 Truchon, Bon Désir, Que.  3 Truchon, Bon Désir, Que.  3 Truchon, Bon Désir, Que.  4 Robarte Pournier, St. Jone, Port Joli, Que.  5 Colestin Lajoie, St. Frence, Que.  5 Colestin Lajoie, St. Frence, Que.  5 Colosin Pelleirer, Little Matane, Que.  6 Cophas Pelleirer, Little Matane, Que.  7 Tremblay, Jes Phoellemerts, Que.  8 Cloophas Pelleirer, Little Matane, Que.  8 Cloophas Pelleirer, Little Matane, Que.  9 Auguste Lafrance, Ste. Anne de la Pocatière, Que.  5 Joseph Harvey, et al., Isla aux Condress, Que.  5 Joseph Harvey, et al., Isla aux Condress, Que.  5 Joseph Harvey, et al., Isla aux Condress, Que.  5 Joseph Harvey, et al., Isla aux Condress, Que.  5 Joseph Harvey, et al., Isla aux Condress, Que.  5 Joseph Harvey, et al., Isla aux Condress, Que.  5 Joseph Harvey, et al., Isla aux Condress, Que.  7 Joseph Harvey, et al., Isla aux Condress, Que.  8 Latandoy Gauthur, St. Liefece, Que.
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Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917.

.! Obererations -- .. Ibreviations J.O., Joint owners - propriétaires conjoints; M.O., Managing owner - propriétaire gérant.

			8 GEORGE	V, A. 1918
Owner or Manugiug Owner, and Address. Armateur ou propriétaire gérant, et ndresse.	Etienne Landry, Municoungan, Que. Wiffeid Gunnond, N. Jerono ela Matana, Que. Arrhur Talon, St. Siméon, Que. Nim. Savard, St. Siméon, Que. Zéphirin Rhéamme, C'hateusu Richer, Que. Joseph F. and Adolphe Acho, J. O. Lamak, N. B. Benjamin Newell, West Head, Cape Island, N. S.	J. Jean, Murray Bay, Que. Theodore Pinze, Mature, Que. Grant Pike, Wolfe Island, Out. W. Hand, Fort Dallinusie, Out. Adolard, Land Gordon Robison, River John, N.S. Adolard Patry, Resulmon, Que.	Mrs. Sarah Young and F. T. B. Young, J.O., Caraquet, N.B., C. Graham, Wincardina, Out.  G. Graham, Micardina, Out.  James Coxana, Mcteghan Hiver, N.S.  Jos. Saleer, M.O., North Sydney, N.S.  J. Hawbolt, Chester, N.S.  James H. W. Futerson, Five Islands, N.S.  James H. W. Futerson, Five Islands, N.S.  Mort Garnier, St. George's Bay, Nidd.  J. S. Neebitt, Sarran, Out.  J. S. Neebitt, Sarran, Out.  R. P. & W. F. Starr, Lida, St. John, N.B.  R. P. & W. F. Starr, Lida, St. John, N.B.  R. P. & W. F. Starr, Lida, St. John, N.B.  S. Gain, Summerside, P.E. L. and William Trenbolme, Louise.	Durge, N.S., The Causdian Bank of Commerce, Toronto, Ont. The Northwest Navigation Co., Ltd., Wimipeg, Men. Reed Brown, Grand Manan, N. B. Dominic Blanchard, New Bandon, N.B. Charles Green, West Isles, N.B. I. H. McDonald, Toronto, Out.
Registered tonnage. Tonnage enregistré.	107	25.25.25.25.00 25.25.00 25.25.00 25.25.25.00 25.25.00	010 010 010 010 010 010 010 010 010 010	248 219 26 10 11 11 68
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Port of Regastry Port d'enregistre- ment	Quebec Quebec Quebec Quebec Chatham, N B Barriagton Passage	Quebec Quebec American St. Catharnes Charlottetown	Chatham, N B Port Burwell Halfar St John, N B. St Catharnes St John, N B. St John, N B. Halfar Halfar Halfar	Quebee Winniper St. Andrews Chatham, N.B St. Andrews Port Dover
Name of Ship Nom du navire	Ste Marie	Salmon Queen Sau Lucas Sand Boy Sand Fly Sangbe	Sarah Fisarah. Fisarah. Sarah A. Townsend Sarah D. Sarah E. Ella Sarah H. Seton Sarah L. Omer Sarah M. Omer Sarah M. Omer	Sarsfield Sastatchewan Satellite Saturn Saucy Imp
Vifficial Number Number officiel	112031 92334 107508 107507 88305 134010	40763 130543 130743 97015 126069 88296	11136 64511 843. 843. 833. 103010 619.7 847.86 847.86 100218 100218 100218	SS498 SS257 117190 127048

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C. P. Chartton, Sault an Mouton, Que, Phini Ryan-Rarstrong, et al., St. John, N.B. Phini Rya. Caratude, N.B. Sayward Mill & Lamber Co., Ltd., Victoria, B.C. Hondy, I.d., Iullian, N.S. Ltd., Port Arthur, Ont. Leo Great, Lakes Predigne Co., Ltd., Port Arthur, Ont. The Great, Lakes Predigne Co., Ltd., Port Arthur, Ont. The Great Lakes Predigne Co., Ltd., Port Arthur, Ont. Rordan Paper Mills, Ltd., Meritton, Oat. Montreal, Que. The Montreal Sand & Gravel Co., Ltd., Montreal, Que. The Montreal Sand & Gravel Co., Ltd., Montreal, Que. The Montreal Sand & Gravel Co., Ltd., Montreal, Que. The Montreal Sand & Gravel Co., Ltd., Montreal, Que. The Montreal Sand & Gravel Co., Ltd., Montreal, Que. The Montreal Sand & Gravel Co., Ltd., Montreal, Que. The Montreal Sand & Gravel Co., Ltd., Montreal, Que. The Montreal Sand & Gravel Co., Ltd., Montreal, Que. The Montreal Sand & Gravel Co., Ltd., Montreal, Que. John G. Mullen, Amhersburg, Ont.	The Great Lakes Dredging Co., Ltd., Port Arthur, Oat. The Great Lakes Dredging Co., Ltd., Port Arthur, Oat. The Great Lakes Dredging Co., Ltd., Port Arthur, Oat. The Great Lakes Dredging Co., Ltd., Port Arthur, Oat. The Great Lakes Predging Co., Ltd., Port Arthur, Oat. Robert Coelman, Riehburton, N.B. W. S. Loggie, Co., Ltd., Chabham, N. B. Louis Murphy, Ship Harboar, N.S. Louis Murphy, Ship Harboar, N.S. Mary A. Cumeron, Picton, Ont.		
28.25.7.7.7.3.8.1.1.2.2.7.7.7.3.8.1.1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	8 2222222		
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Les Escourains, Que., Shotoco, Mass. U.S.A. Shippigan, N.B. C. Cox River, N.S. Port Hawkeshury, N.S. Port Hawkeshury, Ont. Montreal, Que. Montreal, Que. Montreal, Que. Shall Slow N.Y. U.S.A. Ballalo, N.Y. U.S.A. Grenville, Que. Shall Slow Marie, Que. Shall Slow Marie, Que. Montreal, Que. Shall Slow Marie, Que. Montreal, Que. Shall Slow Marie, Que. Montreal, Que. Maniewoc, Wis., U.S.A. Maniewoc, Wis., U.S.A. Maniewoc, Wis., U.S.A.	Dulath, Minn., U.S.A. Duluth, Minn., U.S.A. Duluth, Minn., U.S.A. Toronto, Ont. Richinacto, N.B. Shippigan, N.B. Shippigan, N.B. Battersen, O.R. Greszetczok, N.S.	Massett, B.C. Bathurst, N.B. Carrapuel, N.B. Carrapuel, N.B. Saranguel, N.B. St. Goorge, N.B. St. Goorge, N.B. Salmon River, N.S. There Island, N.S. Sheburne, N.S. Cambridge, N.B. Rovton, N.B. Lower Montague, P.E.I. Brut Island, N.S. Green Harbour, N.S. Slimpian, N.B.	1877 Betchonn, Quo. 1867 S. Jonn Deschallors, Quo. 1887 S. Jonn Deschallors, Quo. 1889 Little Hurbour, N.S. 1889 Chezzettook, N.S. 1892 St. Martin's, N.B.
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t. John, N.B. hatham, N.B. hatham, N.B. retoria. arrsboro. yathay, N.S. out Arthur. outreal. contreal. nierstburg.		N.B. N.B. N.B. N.B. N.B. N.B. N.B. N.B.	puebec flarfottetown undebec anifax farmouth farmouth t. John, N.B. correal
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Argumertean La r of Sailing Vessels on Registry Books in Canada, December 31, 1917.

LISTE ALTIVEÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. J.O., Jemi owners proprietaires conjoints, M.O., Managing owner proprieture gerant

		8 GEORGE V, A. 1918
the production of the second	Owner or Managane Owner, and Address. Armateur on proprietaire gérant, et adresses.	Angus Cotreau, M.O., Tusker Wedge, N.S. James Cotreau, M.O., Tusker Wedge, N.S. James A. Merrana, Sammerside, P.E.I. James A. Merrana, Sammerside, P.E.I. James A. Merrana, Sammerside, P.E.I. James Barette, jr., Mille Vaclus, One. Simon Barid, Wolfville, N.S. Samuel N., Alkursan, Capa J. Jand, N.S. Jashus Erat, Landuve, N.S. Jashus Raid, Limited, St. Jedna, N.S. Jashus Lash and Glyn Osler, Toronto, Ond Miller Marrian, A. al., Port Greville, N.S. John Belfoutuna, Saul Ste, Marie, Out Ward S. Pet Osmelum Co., 14d., Ottuwa, Ont. Samuel Likenana, Grand M. Man, N.B. Mark Shamon, Saul Ste, Marie, Out Weighten Shipnican, N.B. William A. Mills, Hardwick, N.B. W. F. and Alex, Dort, Cole Harbour, N.S. Kristvon Finason, Icalandie River, Man. W. R. and Alex, Dort, Cole Harbour, N.S. Kristvon Finason, Icalandie River, Man.
E C	Tonnage enregistre	**************************************
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-	Largeur en pieds et 10 s.	2010 335 245 25 25 25 25 25 25 25 25 25 25 25 25 25
3	Longueur en pieds et 10es. Breadth in l'et and lûths	
T I	Length in feet and 19ths.	######################################
J.U., J. M. Owners propreceders conjoins, N.W., Managem owner proprecion grown	Where Built. Lieu de construction	Turket We lge, N.S. Lannek, N.B Charlema, N.B. Charlema, N.B. Charlema, N.S. Cholenger, I. M. Cholenger, I. M. Cholenger, I. M. Challa ve, N.S. Liverpool, N.S. Liverpool, N.S. Liverpool, N.S. Liverpool, N.S. Charle ve, P.E. Back, Right, P.E. Back, Right, Que Newport, N.S. Milthad, N.S. Milthad, N.S. Milthad, N.S. Milthad, N.S. Martinagoy, Que Grand Manna, N.B. Reckerton, N.S. Milthad, N.S. Martinagoy, Que Grand Manna, N.B. Reckerton, N.S. Milthad, N.S. Barry's Bay, Ont Grand Manna, N.B. Rechibere, M. N. Bowen Studi, H. G. Stuppien, N. B. Rechibere, M. B. Settle, M. B. Chenhall, M. B. Settle, M. B. Settle, M. B. Settle, M. B. Town, N.S. Rechalle (M. B., T.S. V. Roston, Mass., T. S. V.
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Campobello, N.B. Spencer's Island, N.S. Lower Selma, N.B. Lower Selma, N.B. Lower Selma, N.B. Tannouth, N.S. Larry's River, N.S. Larry's River, N.B. Lastport, Me., U.S.A. Rugdaleo, N.B. Caraquet, N.B. St. Margaret's Bay, N.S. Magdaleo Island, Que. Conte Mersport, N.B. St. Margaret's Bay, N.S. Magdaleo Island, Que. Conte Lévis, Que. Contegort, N.B. Marine, N.B. Contagort, N.B. Chardan, N.B. Charquet, N.B. Mahone Bay, N.S. Gerarquet, N.B. Mahone Bay, N.S. Charquet, N.B. Marine City, Michigran, U.S.A. Marine City, Michigran, U.S.A. Marine City, Michigran, U.S.A. Marine City, N.S. Cherapteghan, N.S. Cherapteghan, N.S. Charquet, N.B. Digby, N.S. Marine, City, Michigran, U.S.A. Marine City, Michigran, U.S.A. Marine City, Michigran, U.S.A. Marine City, Michigran, N.S. Cherapteghan, N.S. Cherapteghan, N.S. Corner of Banch, Que. Digby, N.S. Corner of Banch, Que. Chipana, N.S. Corner of Banch, N.S. Cherapteghan, N.S. Corner of Banch, N.S. Cherapteghan, N.S. C	Caraquet, N.B
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Silver Bell, Silver Leaf, Silver Leaf, Silver Abooa. Silver Spray, Silver Spray, Silver Spray, Silver Spray, Silver Spray, Silver Thread, Silver Date, Sirver Spray, Silver Spray, Silver Spray, Silver Spray, Silver Spray, Silver Spray, Sirver Spray, Sirver Spray, Sirver Spray, Sirver Spray, Sirver Spray, Sirver Spray, Silver Spray, Soow and Spray, Sorian and Spray, Spra	Pormerly "Daniel," 21
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Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

Liste alphabétique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. . Pherevistions-. Abrévutions: J.O., Juint owners-propriétaires conjoints; N.O., Muniquing owner - propriétaire gérabt.

er proprietatie gerabt,	Owner or Managing Owner, and Address. Armateur ou propriétaire gérant, et adresso.	Année Chiusson, Island River, N.B. Parbhu Siwh, Georgetown, Dementa. Canadian Bank of Commerce, Toronto, Ont. David Goyctcho, Cape Hogan, N.S. John W. Johnstone, Vancouver, B.S. John W. Johnstone, Vancouver, B.S. Jenorkin, Argyle, N.S. Théorium Blanchard, Carquet, N.B. Théorium Blanchard, Carquet, N.B. P. P. Delancy, Magdhan, Islands, Que. Joseph Winters, Liverpold, N.S. P. P. Delancy, Magdhan, Islands, Que. Mapoleon Martin, Les Ecurcuils, Que. Mapoleon Martin, Les Ecurcuils, Que. Michel Blais, Rivière Romaine, Que. Michel Blais, Rivière Romaine, Que. Michel Blais, Rivière Romaine, Que. Jeusche Godrenu, Manicouagan, Que. Jeusche Godrenu, Manicouagan, Que. Jeusche Godrenu, Manicouagan, Que. Jeusche Godrenu, Manicouagan, Que. Grant Picke, Misserton, On. Jeusche Jessife, Spry Bay, N. S. La Compagnie General d'Entreprises Publiques, Lévis, Que. Grant Pyler, Winstern, Nontreal, Que. M. S. Loggie Co., Ltd., Chatham, N.B. John W. Jookins, Murray Harbour, P.E.J. Wm. Buller, Peterbore, Ont, Ch. The William Fraiog Co., Ltd., Shippigan Island, John S. Eyvitt, Bay of Islands, Newfoundland, Johns S. Eyvitt, Bay of Islands, Newfoundland
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SESSIONAL PAPER No. 22	
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LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917.

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Alphabetical List of Sailing Vessels on Registry Books in Canada, December 31, 1917.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. Were four Defending J.O., Joint owners propriétaires conjoints; M.O., Manuging owner propriétaire gérant.

	8 GEORGE V.	A. 1918
Owner or Managing Owner, and Address. Armateur on propriétaire gérant, et adresso.	Hobert Weddell, M.G., Trenton, Ont. Abounder Carinia, Margires, N.S. Fraderick, Firdk, Myshuborn, N.S. Fraderick, Firdk, Myshuborn, N.S. Roney Ballountain, Port Felix, N.S. David Walsh, Ganso, N.S. Loin C. Arnold, Ternee Bay, N.S. A. W. Hobres, Bewer Harbour, N.B. Alforde, Bayer Harbour, N.B. Alforde, Burdy Harbour, N.B. Alforde, Burdy Harbour, N.B. Heetor Do Greec, Shippigan, N.B. Heetor Do Greec, Shippigan, N.B. The Barge Twin Sisters Co. Lid., Montreal, Que Tharbo Doutte, Grand River, Que H. K. Garrison, Ingratuport, N.S. The Barge Twin Sisters Co. Lid., Montreal, N.S. Sainon Landry, River Bourgeass, N.S. Frodorick Jello, Port Felix, N.S. Briderick Jello, Port Felix, N.S. Frodorick, Jello, Port Felix, N.S. Frodorick, Jello, Port Felix, N.S. Ed. Koenio, Riverside, N.B. Ed. Koenio, Riverside, N.B. From M.B. Thomas H. Charkyard, Weeds Harbour, N.S. Clannert Bell, Relleville, Ont. Thomas H. Charkyard, Weeds Harbour, M.J., Que, Aniest Arsenenu, M.O., House Harbour, M.I., Que,	Quinlan & Robertson, Ltd., Montreal, Que- Pruse Brothers and Company, Ltd., Quebee, Que- Jone Publicover, et al., La Have, N.S. R. Dolorty, Eastern Passage, N.S. Chas. O. Maguire, Guyaboro, N.S.
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SESSIONAL PAPER	R No. 22	
J. Conran, Halifax, N.S. Mark L. Nickerson and Alex. Cook, Sambro, N.S. Felix Gagof, Milbitio, Que. John J. Shiedls, Alma, N.B. Nothaniel Butt, Bay St. George, Nfld. John O'Harn, Isaac's Harbour, N.S. Mrs. Strarb Young and F.T. B. Young., J.O., Caraquet, N.B. St. W. Miritey, Sombra, Ont. The Minister of Marine and Fisheries, Ottawa, Out. George Allen, Montague, P.E.I. Pardha and William Oglive, Summerside, N.S. Frink C. Lohnes, M.O., Canso, N.S.	Vancouver Island Towing Co., Ltd., Victoria, B.C. Vincouver Island Towing Co., Ltd., Victoria, B.C. Vancouver Ing & Barge Co., Ltd., Victoria, B.C. Vancouver Ting & Barge Co., Ltd., Vancouver, B.C. Vincon Williams and Chas, Manger, Ingonish Perry, N.S. Amandee Therrianh Canderia, N.S. Rulls E. Diekie, Stewnicke, N.S. R. W. Bellind, Vancouver, B.C. R. Marsh, Hellind, Vancouver, B.C. W. Barder, Idamilton, Ont. R. David Haydon, Digby, N.S. Thomas L. Richard, Charle's Cove, N.S. Culls Anders, Pubnico, N.S. Functor, Tushilon, N.S. Functor, Tushilon, N.S. Functor, Landing, N.S.	
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Liste alemantique des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. ALTHARITEM LIST of Sailing Vessels on Registry Books in Canada, December 31, 1917.

er propriétuire gérant	Owner or Managing Owner, and Address, Armateur on propriétaire gérant, et adresse.	Chas. Hapman, Summerville, N.S. Jacob Mayer, St. John, N.B. G. Maullett, Shippigan, N.B. G. Maullett, Shippigan, N.B. G. Maullett, Shippigan, N.B. Alexander P. Chardman, Stephenoke, N.S. Alband, Dollar M. Marcell, Amaino, B.C. Alhad, Holloway, Torondo, Out. Dannel Johnson, Louisburg, N.S. Gosph, A. and Livingston Millistim, Hardwicke, N.B. Goso, Maibland, Campolello, N.B. Daniel King, Vancouver, B.C. J. McDonald and W. G. Gillett, J.O., Vancouver, B.C. Daniel King, Aurocuver, B.C. J. McDonald and W. G. Gillett, J.O., Vancouver, B.C. Daniel King, Aurocuver, B.C. Lifer Cixpfe, Garibou Island, Que. Luc Counier, Esquimant Ph., Que. Daniel King, Autocuver, B.C. Line Cixpfe, Garibou Island, Que. Luc Counier, Esquimant Ph., Que. Daniel King, Autocuver, B.C. L. H. Bussett, St. John, N.B. J. McLevel, Noweastle, One, J. M. Bussett, St. John, N.B. J. McLevel, Navetagle, One, J. McLevel, Navetagle, One, J. McLevel, Navetagle, One, J. McLevel, Navetagle, N.B. J. Mullard Smith, St. John, N.B. J. Mullard Smith, St. John, N.B. J. G. Gagne, Porturel, Que. G. Gagne, Porturel, Que. J. G. Gagne, Porturel, Que. J. G. Gagne, Porturel, Que. J. G. Gagne, Porturel, St. John, N.B. J. Flever Hartlin, M.O., Jaddore, N.S. Jerenriah Pette, et al., English Harbour, Mild Schonner, Vuldt Petal' Co., Led., St. John, N. B. Sarangel Survette, M. O., Survette's Isld, N. S. Selenoner, Vuldt Petal' Schonner, Schon, N. S. Survette's Isld, N. S.
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SESSIONAL PAPER No. 22	
	Sydney I. Penhorwood, Sauth Ste. Marie, Ont. Arthur Belanger and A. Laforeo, J. O., Lachimo, Que. Arthur Belanger and A. Laforeo, J. O., Lachimo, Que. Arthur Belanger and A. Laforeo, J. O., Lachimo, Que. Arthur Belanger and A. Laforeo, J. O., Lachimo, Que. The W. I. Poupore Co., Lach., Montreal, Que. The W. J. Poupore Co., Lach., Montreal, Que. Gordon T. Legg, Vancouver, B.C. Colomial Lumber and Paper Mills, Limited, Vancouver, B.C. Whiren-very Crecosoling Company. Jainied, Vancouver, B.C. Wherenvery Crecosoling Company. Jainied, Vancouver, B.C. Whirenvery Crecosoling Company. Jainied, Vancouver, B.C.
8 8 9 8 2 2 8 8 2 9	Sydney L. Penborwood, Sault Ste. Marie, Ont. Arthur Belanger and A. Lafores, J. O., Lachino, Que. Alvin John Engyleik, Vancouver, B. C. Alvin John Engyleik, Vancouver, B. C. He, M. Deupore Co., Ltd., Montreal, Que. The W. J. Poupore Co., Ltd., Montreal, Que. Sinnon Mei Kenzie, Vancouver, B. C. Gordon T. Legg, Vancouver, B. C. Marien Linited, Vancouver, B. C. Gordon T. Legg, Vancouver, B. C. Gordon T. Legg, Vancouver, B. C. Marien Linited, Vancouver, B. C
frames H. Smith, Sambro, N.S. Neville Cameres, Ltd., Haffax, N.S. Andrew Cognis, et al., Westport, N.S. W. H. Harpell, West Jeddore, N.S. Robin Jones & Whitman, Ltd., Halfax, N.S. Frank M. Calder, Campobello, N.B. Robin, Jones & Whitman, Ltd., Halfax, N.S. Robin, Jones & Wiltman, Ltd., Halfax, N.S. Wallard M. Kelley, Yarmouth, N.S. E. Hamelli, Groudlures, Que. Solomon Rérard, Sorel, Que. Win, Puf. Lamendures, Que. Solomon Rérard, Sorel, Que. Norman, Hanedrudge, Out. W. Norman, Hanedrudge, Out. W. Norman Reading, Ship Harbour, N.S. P. Rye, Caraquet, N.B. Frs. St. Pierro, Matane, Que. Hypolite Bouliano, Tadousze, Que. Hypolite Grand Mann, N.B. F. J. Friego, Caraquet, N.B. G. Penellen, Toronto, Ont.	Sydney L. Penhorwood, Sault Ste. Marie, Ont. Sydney L. Penhorwood, Sault Ste. Marie, Ont. Sydney L. Penhorwood, Sault Ste. Marie, Ont. Arthur Belanger and A. Laforee, J. O., Lachino Allow J. Pospore Co., Lat., Montreal, Que. The W. J. Pospore Co., Lat., Montreal, Que. Wantensayer Creesoting Company. Jainited, Vin Win, Loud, M. O., Riverport, N.S. The Rordan T. Legg. Vascouver, B.C. Wantensayer Creesoting Company. Jainited, Vin Wantikla, Cherey, Grand Mann, N.B.
Smith, Sambro, N. america, Idd., Hali opeli, Na. et al., West opeli, Na. et al., Na. Cauler, Champobell res, Grand Manan, Li Relley, Yarmouth in, Grandines, Que. Grand Soriel, Que. Lanenburg, N. S Smith, M. O., Lan Recheridge, Ont. Ingerebridge, Ont. Ingerebridge, Ont. Ingerebridge, Ont. Ingresoli, Grand M. Dirgersoli, Grand M.	cood, Sauth S. d. A. Ladorec. d. Ladorec. d. Ladorec. Co., Ltd., M. Co., Ltd
hames H. Smith, Sambro, N.S. Neville Camerics, Ltd., Halfax, N. Andrew Coggins, et. M. Westoner, N.M. Hurpell, West Ledduce, N.S. Robin Jones & Whitman, Ltd., Half A. W. Lougener, Champobello, N.B. Frank M. Calder, Campobello, N.B. Frank M. Calder, Campobello, N.B. Robin, Jones & Wittman, Ltd., Hull Nelson Morse, Grand Manan, N.B. Willard M. Kelley, Yarmouth, N.S. C. Hamelin, Grand Manan, N.B. William C. Smith, M.O., Lanchurg Robert Keating, Ship Harbour, N.S. Showu, Bracerificae, Om. W. Norman Reinlardt, M.O. La H. Fr. St. Frerro, Matane, Que Brarroy Riber, Kingston, On. Birnery Riber, Kingston, On. Milton W. Ingersoll, Grand Manan, Birnery Riber, Kingston, On. Hippolito Bouliano, Tudousae, Que, Birnery Riber, Kingston, On. F. J. Frey, Co., Caraquet, N.B. Fr. St. Dierro, Matane, Que Liyeolito Bouliano, Tudousae, Que, Milton W. Ingersoll, Grand Manan, F. J. Freige, Caraquet, N.B. F. J. Pictor, Caraduet, N.B. F. J. Pictor, Caraduet, N.B. K. S. Loggio Co., Ltd., Chathann, N. S. Loggio Co., Ltd., Chathann,	Sydney L. Penhorwood, Sault Ste, M. Arthur Belanger and A. Laforeo, J. O. Arthur Bohmer and A. Laforeo, J. C. Lad. Montree The W. J. Poupore Co., Led., Montree Simon McKetzie, Vancouver, B. C. Gordon T. Legg, Vancouver, B. C. Colomial Lumber and Piper Mills, Lin Wilson, ed., Now Westmister B. C. Gordon T. Legg, Vancouver, B. C. Gordon T. L
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Sambro, N.S. Govis Head, N. Scaforth, N.S. Fort Clyde, N. Hillsburn, N. Swan S. 187d. Swan Swan S. 187d. Swan Swan Swan Swan Swan Swan Swan Swan	Duluth, Minn. Duluth, Minn. Duluth, Minn. Duluth, Minn. Duluth, Minn. Chat caugay,
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## ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1917.

LISTE ALTHARÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. The regulations . The fending J.O., Joint owners propriétuires conjoints; M.O., Managing owner- propriétuire gérant

		0 deciral 1, A. 1310
	Owner or Manager Owner, and Address. Armiteur on propriétaire gérant, et udresse.	G. W. Smith, M.O., Woods Harbour, N.S.  G. W. Smith, M.O., Woods Harbour, N.S. Thomas Doyle, North Rastien, P.E.I. The Minister of Marine and Fisheries, Ottawa, Ont. Bishor C. Lelbage, Rastroville, P.E.I. Gilsur, C. Lelbage, Rastroville, P.E.I. Win, H. Baster, M.O., Canning, N.S. Win, H. Baster, M.O., Canning, N.S. Win, H. Galo, et al., St. John, N.B. Win, H. Galo, et al., St. John, N.B. Win, H. Gilbert, Edlewille, Out. The Ottawa Transportation Co., Ltd., Ottawa, Ont. The Win, M. Richard Co., Ltd., Ottawa, Ont. The Win, H. H. J. Hawe, N.S. The Samia-Toledo Transit Co., Ltd., Ottawa, Ont. Frances A. Macfarline and Frederick MacFarlane, Sidney, R.G. Horman H. Moore, Wolfe Island, Ont. Hornow Richardson, West Islas, N.B. Simon Belloutain, Eadern Harbour, N.S. Robin, Jones & Whitman, Ltd., Halffax, N.S. Herenma Anderson, Mo., Lunenburg, N.S. R. Brany, W. Adams, M.O., Lunenburg, N.S. H. Brany W. Adams, M.O., Lunenburg, N.S. H. Brany W. Adams, M.O., Lunenburg, N.S.
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	Name of Sup.	W. F. Gladstone W. F. Brutteliffe W. F. Flicaboth W. F. Flicaboth W. G. Hurlson W. G. Hurlson W. H. Ratter W. H. Smith W. M. Richard, W. W. M. Richard, W. W. W. Robell W. W. W. S. Calvert W. S. Calvert W. W. Robelou W. W. Robelou W. Robidou W. Robledou Walla Walla Walla Walla Walla Walla Walla Walla Walla Warren G. Winters
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SESSIONAL PAPER No. 22
Donald McKenzio, Pieton, N.S. John C. Croshie, St. John, S. Midd. Stabeth, Evans, Halfax, N.S. The Collin's Ray Ratfing & Forwarding Co., Ltd., Kingston, Conc. The Medann, St. George, N.B. William II, and David V. Long, Richibueto, N.B. Canada Steanship Lines, Dimittel, Montreal, Que. Thomas Hall, Montreal, Que. John J. Hoth, Tor Bay, N.S. Geo, Post, Digby, N.S. Geo, Post, Digby, N.S. Geo, Post, Digby, N.S. Benjamin Gallant, Ebbsfleet, P.E.I. Vancouver Machinery Depot, Limited, Vancouver, B.C. The Westholme Lamber Co., Ltd., Victoria, B.C. The Westholme Lamber Co., Ltd., Victoria, B.C. Thas Harkins, Dipper Harbour, N.B. Alexamed Treably, Minangash, P.E.I. Henry Junno, et al., Pseumanac, N.B. L. Nickerson, Gono Island, N.S. Latrope Chiasson, Shippigua Island, N.B. Latrope Chiasson, Shippigua Island, N.B. Latrope Chiasson, Shippigua Island, N.B. Lames Kender, Rong & Towning, Co., Ltd., Wiarton, Ont. W. H. Allen and G. H. Van Horne, Areadia, N.S. John R. Senic, Port Credit, Ont. The Perinsula Proper Co., Ltd., Winton, N.S. John R. Balgar, Kars, N.B. Lames Menchy, Sc. Dolin, N.B. Chyapan H. Hall, Windser, N.S. Sannon Richard, South Bar, C. B., N. S. Nathumiel Horlow, M.O., Port Lar Tour, N.S. Sannon Richard, South Bar, C. B., N. S. Nathumiel Horlow, M.O., Port Lar Your, N.S. Sannon Richard, South Bar, C. B., N. S. Nathumiel Horlow, M.O., Port Lar Jour, N.S. Sannon Richard, South Bar, C. B., N.S. W. S. Loegie Co., Ltd., Montreal, Que, Boseph George, V. Buffett, M. O., Grand Bank, N.B. Cherring C. Smith, Mod Fallenburk, P. E. The Virgene Co., Ltd., Montreal, Que, Boseph George, V. Buchlander, N. S. Loegie Co., Ltd., Chutham, N.B. Cherring C. Smith, Mod Hullenbur, N.S. William C. Smith, Mod Hullenbur, N.S. William C. Smith, Wod St. Hard, Mod Hullenbur, N.B. The Captin Leary Perry, Pulmer R. While, Davidition Co., Ltd., Chattannia, P. E. The Ottawa, Transportutin Co., Ltd., Chattannia, P. B. The Ottaw
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LISTE ALPHABÍTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1917. ALPHABETICAL LIST of Stilling Vessels on Registry Books in Canada, December 31, 1917.

			8 GEORGE V, A. 191
nor propriéture gérunt	Owner or Managuag Owner, and Address. Armateur on propriétaire gérant, et adre se	Patrick and William Doyle, Ingonish, N.S. Charles Ross, Port Maithand, Ont. Joseph Andre, Grando Raic, Que R. H. Corkur, and K. Mohand, Chester, N.S. Dohn F. Roach, Clusticamp, N.S. F. B. Lerd, Westport, N.S. Walter Matte, of al., Sandy Point, N.S. Wan, H. Morre, North Sydney, N.S. Dayd, A. Handley and Arand W. Goopp, Parrshore, N.S. Dohn Ackander Bizzen, Mycon Harbura, N.B. The C. S. Boone, Dredging & Comtraction Co., Ltd., Terronto, Ont Terronto, Ont Terronto, Cont. Led., Shedher, N.S. Osorge C. Jamieson, M.O., Cole Harbura, N.S.	A Nickerson, Chipe Island, N.S.  A Nickerson, Chipe Island, N.S.  Montread Ruffett, Grand Bank, N.Bd. Martin Mendrer, Canco, N.S. Montread Transportation Co., Ded., Montreal, Que. Pro-Minister of Public Works, Ottawa, Ont. Beseph E. Gibbors, S. John, N.B. The Ottawa, Transportation Co., Led., Ottawa, Ont. Edward Maxwell, Montreal, Que. Straley Barke, Vancouver, B. C. M. Norman Rein nardt M.O. La Have, N.S. The Ottawa Transportation Co., Led., Ottawa, Ont. The Ottawa Transportation Co., Led., Ottawa, Ont. Trepolo Preighting & Ting Co., Led., Ottawa, Ont. Trepolo Preighting & Ting Co., Led., New Westminster, B. C.  N. Sarah Young and F. T. B. Young, J.O., Caraquet,
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We that J.O., Joinflow ners properlimes conjunes; M.O., Managing owner propriéture génule	Where Bult Lou de construction,	harmell, N.S. Ballindo, N.Y., I.S.A. Ster Irenfor, Que. Liverbood, N.S., Chetre lump, N.S. Chot Cover, N.S. Tarrenk, N.S. Tarrenk, N.S. Shelburne, N.S. Marcolk, N.S. Willer, M.S. Buffalo, N.A., U.S.A. Green's Cover, N.S. Grie for Boulin, N.S. Chie for for Boulin, N.S.	Clear Howard, wise, a shell and a shell an
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SESSIONAL PAPER No. 22		
11 F. Abier, Shippigan, N.B.  22 A. P. Hamilton, Carleton Village, N.S.  4 John C. Stairs, Halffax, N.S.  55 Baniel, A. Morrison, Point Pupper, N.S.  56 Baniel, A. Morrison, Point Pupper, N.S.  57 Counter, S.C.  58 Carner, S.C.  59 Calcumping Co. of British Columbin, Ltd., Vancounver, S.C.  50 Colvey, Louison, Mulbine, Que.  50 Colveyl, Jennesse, N.B.  51 D. Colveyl, Janima Harbour, N.S.  51 D. Colveyl, Janima Harbour, N.S.  52 Colveyl, Janima Harbour, N.S.  53 Easton Green, Grand Manan, N.B.	12 Jenkichi Nishimoto, Victoria, B C. 140 Adelard Boardon, Lamernic, Que. 6 John E. Wood, Halffax, N.S.	Willio Gill, Pierreville, Que Zotique LeBrin, St. Ainté, Que Robin, Jones & Whitann, Ltd., Halifav, N.S. Ganada Shipping Co., Ltd., Montreul, Que. Junes T., Smith, Rockland, N.B. H. Frankland, Grand Manan, N.B. Germain Marcotte, St. Emilo, Que. Robin, Jones & Whitmun, Ltd., Halifav, N.S. George C. Cook, Halifax, N.S. William F. Renny, West Dublin, N.S. Harry M. Wydde, M.O., Halifax, N.S. Sarott Balcom, Victoria, R.C. H. F. Williams and Rassell Fishor, Port Monton, N.S. Eonden Manroe, Whito Read, N.S. Edward Hampton, St. John, N.B.
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Shippigun, N.B. 32 0 Mahone Bay, N.S. 32 1 Darthough, N.S. 31 7 Lockeport, N.S. 53 0 Victoria, B.C. 77 1 Vancouver, B.C. 76 7 North Vancouver, B.C. 76 7 North Vancouver, B.C. 30 5 Lockemière, Que. 30 5 Indian Hurbour, N.S. 30 5 Sholburne, N.S. 30 5 Sholburne, N.S. 30 5	Victoria, B.C Yamaska, Que	Pietreville, Que. St. Machel, Que. Ma arino Citty, Mach., Ma arino Citty, Mach., St. Martin's, N.B. Grand Manan, N.B. Crand Manan, N.B. Crand Manan, N.B. Cristine, M.B. Cr
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	Victorin. Quebec Halifax	Sorel.  Montrell.  Port Hawkeehury.  St. John N. B.  St. John N. B.  St. Andrews.  Charthain, N. B.  Haldiax.  Windsor, N. S.  Windsor, N. S.  Windsor, N. S.  Windsor, N. S.  Victoria.  Victoria.  St. John, N. B.
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'Foreign name, "No. I," 2Formerly " D. Richard."



# LIST OF VESSELS.

# INDEX TO COMPOUND NAMES.

Part II—Steam and Motor Vessels.

Part II—Sailing and Unrigged Vessels.

# LISTE DES NAVIRES.

# PAR ORDRE ALPHABÉTIQUE DE LEURS NOMS.

1re Partie—Navires à Vapeur et à Moteurs.

2e Partie-Navires à Voiles et sans Mâture.



## STEAM VESSELS.

" A "

Ada, Little.
Adams, Freddie.
Adder, Sea.
Adelaide, Princess.
Agnes, Sarah.
Ainsworth, C. E.Aikins, W. J.
Aitken, William.
Albert, Prince.
Alfred, Edward.
Alice, Ada.
Alice, Jean.
Alice, Princess.
Alice, St.
Ali, Mac.
Allan, Maud.
Allan, Sir Hugh.
Allen, Glen.
Allan, Gien.
Alma, Marie.
Amelia, Bella.
Ami, Bon.
Andrew, St.
Anglin, R.
Anita, Helen.
Ann, St.
Anne, St.
Annis, Maud.
Archeveque No. 1, E. L.
Archeveque No. 2, E. L.
Ardella, Bessie.
Arm, West.
Armstrong, F. P.
Armold, Fanny.
Arburt, Mary.
Arthur, Prince.
Asia, Empress of
Athol, Blair of,
Atlantic Transfer, Canada.
Avery, F. W.
Avery, F. W.
Avery, F. W.

"В"

Bain, Jessie.
Baird, Harry.
Baker, Jee.
Baker, W.
Bala, City of.
Bangs, C. W.
Banna, Holly.
Banning, Ethel.
Bane, Wan'
Barnes, Frank C.
Barr, John C.
Barrett, Annie.
Batt, Fred. M.
Battle, Thomas Freel.
Battle, Tillie.
Battle, Tillie.
Bay, L'Orignal.
Bay, Murray,
Bay Roamer, English.
Bear, Silver.
Beatrice H., Pearl.
Beatrice, Princess.
Bee, Sea.
Beatty, Admiral.
Bell, Blue.
Bell, Blue.
Bell, Hattie.
Bell, Ida.
Bell, Ida.
Bell, Katie.
Bell, Mountain.

Belle, Eva.
Belle, Heather.
Belle, Highland.
Belle, Highland.
Belle, Killarney.
Belle, Mohawk.
Belle, Mountain.
Belle, Northern.
Belle, Northern.
Belle, Northern.
Belle, Verda.
Bennett, J. W.
Beresford, Lord.
Berry, Hattie.
Bess, Earl.
Best, Shippigan's.
Billett, Rosamond.
Billy, Puffing. Billett, Rosamond.
Billy, Puffing.
Binning, J. R.
Bird, G. N. Humming.
Bird, King.
Bird, Mocking.
Bird, Sand.
Bird, Sand.
Bird, Sand.
Bird, Sea.
Biwa, Lake.
Blake, Edward.
Blanca, Luz. Blanca, Luz.
Blanche, Mary.
Blanca, Luz.
Blanche, Mary.
Bly, Nellie.
Boat, Eva.
Bobs, Little.
Boheme, La.
Bonney, Elnora T.
Boone, C. A.
Booth, C. J.
Booth, C. J.
Booth, C. J.
Booth, G. George.
Bowman, A. F.
Boy, Cape Blanc.
Boy, Cape Blanc.
Boy, Errand.
Boy, Grome.
Boy, Ladner.
Boy, Farand.
Boy, Grome.
Boy, Yankee.
Boyden, J. E.
Brankley, J. W.
Brannen, Hilda.
Brea, Mina.
Breton, Cnpe.
Brisshin, Sam.
Brittain, R. C.
Brock, W. D.
Bronson, E. H.
Bronson, E. H.
Bronson, H. F.
Brooks, Le Roy.
Brothers, Brown.
Brothers, Three.
Brown, Gordon.
Brothers, Three.
Brown, Gordon.
Brown, Mabel.
Bruce, J. B.
Bruchan, Flower of.
Buckly, W. P.
Burlale, O. U.
Burtzen, Lake.
Burtcn, Frank.
Butler, Bessie.
By, Colonel.
Byers, Stanley.

" C "

Canadienne, La.

Call, Northland.
Call, R. R.
Cann, Bruce.
Cann, John L.
Cann, Keith.
Cann, Mary H.
Cann, Percy.
Cann, Robert G.
Canner, Empire. Cann, Robert G.
Cannery, Empire.
Cape, Turrett.
Card, John L.
Carillon, G. R.
Carleton, Governor.
Carlin, Florence.
Carne, Derry.
Carruthers, Janet.
Castle, Beatrice.
Castle, Carrick.
Catherine, St.
Celtic, New. Celtic, New. Chamberlain, C. W. Chambers, A. Charles, St. Charles Lachennis, St. Charlie, Bonnie. Charlotte, Princess. Charlton, W. R. Chatham, City of. Chatham, City of.
Chatham, City of.
Chief, Salmen.
Chuck, Skookum.
Chula, Chila
City, Dalhousie.
City, Garden.
City, Orchid.
City, Queen.
City, Soo.
Clair, St.
Clare, Lady.
Clare, Nina.
Clark, Minnie
Clark, Minnie A.
Clark, Minnie A.
Clarke, Alfred.
Cliiff, White.
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Clive, Luccy.
Clossett, Joseph. Chve, Enery.
Clossett, Joseph.
Cloud, Flying.
Cole, C. W.
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Comfort, Solid.
Conmed, A. B.
Conrad, A. L.
Conroy, Ed.
Cook, A. B.
Coolen, Helen M.
Corkum, M. E.
Court, Turret.
Cove, Sea.
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Cox, J. G.
Craig, Annie.
Crawford, A. V.
Creina, Nora.
Croix, St.
Crossy, J. Chorosy, Thomas.
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Crow, D. W.
Crowe, D. W.
Crowe, G. R.
Crown, Turret.
Curtis, H. C.
Cutting, Francis.
Cuyler, Geo. W.

" D "

Daisley, Mary E.
Dan, Little.
Davis, Hy. D.
Davis, Wm.
Davit, Michael.
d'Arc, Jeanne.
Deer, Sea.
Delta, New.
Demon, Petit.
Derhyshire, Senator.
Deschaillons, St. J.
Desir, Bon.
Devanx, Ella.
Dew, Morning.
Dey, D. P.
Dick, Roy B.
Dickie, J. W.
Dieu, Don de.
Diver, J. M.
Dobson, R. H.
Dodds, W. D., Agnes.
Dollar, Bessie.
Dollar, Hazel.
Dollar, Melville.
Donna, Bella.
Doone, Lorna.
Doreen, P.
Douglass, Sir.
Douglass, Sir.
Douglass, Fort.
Dover, City of.
Downey, Robert.
Doyle, Tim.
Dredge No. 1, Q.H.C.
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Dredge No. 2, Q.H.C.
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Dredge No. 2, Q.H.C.
Dredge, Pindle.
Dudley, Joe.
Dufferin, Lord.
Dunbar, C. F.
Dunsmuir, Robert.
Dupre, F.
Dyke, Madeleine.
Dyment, N.

"  $\mathbf{E}$ "

Eagle, War.
Earlton, W.
Echo, Bow.
Echo, Bow.
Echo, Northland.
Eddy, C. F.
Eddy, Luli.
Edmenton, City of.
Edna, Sadie.
Edward, King.
Edward Ferry, Prince.
Egan, Wiley M.
Elgin, Port.
Ellen, Jessie.
Ellen, Mary.
Ellien, Mary.
Ellien, Saint.
Else, J. C.
Emely, Little.
Emerson, George.
Emerson, W. J.
Ena, Princess.
Endress, C. W.
Erie, Glen.
Essie, Beryl.
Ethel, Mary.
Etienne, St.
Evelyn, Lady.
Evelyn, Lady.
Evelyn, Sadie.
Express, B. C.
Express, B. C.
Express, No. 1, Marine.

Ferguson, A Ferry, Laval, Ferry, Prince Edward, Ferry, Rock, Fisher, Thomas, Fisk, Edward, Flower, May. Flower, Meadow. Fly, Dragon. Fly, Fire. rly, rire. Fly, Shoo. Flyer, Port Mellon. Foam, Sea. Follette, James W. Forrest, U. L. Fors, H. Forward, Jessie Forward, Jessie. Foster, R. R. Foster, Stanley. Four, Jolly. Fox, Black. Fox, Black,
Fox, Silver,
Frances, Beatrice and
Frances, Clara,
Frances, Leila and
Franklin, Leily,
Franz, W. C.
Fraser, Alexander,
Fraser, Fort,
Fraser, Fort,
Fraser, John,
Fraser, Lady,
Friends, Two,
Friolet, H.
Frost, E. E.
Fry, Vera S.
Fryer, Robert L. Fryer, Robert L.

" G "

Ganda, Gow.
Garn, Lan
Garou, Loup.
Garry, Point.
Gaspe, Lady of.
Gauther, Harold.
Geary, G. R.
George, Prince.
George, St.
Gertie, Cora.
Glasier, Firel.
Glasier, Helen.
Glasier, Lully. Glasier, Fred.
Glasier, Lilly.
Glasier, Lilly.
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Gordon, D. A.
Gorman, Pete.
Gowrie, Lass of.
Grabell, S. B.
Grace, Lens.
Grace, Lens.
Graft, Mary F.
Gralaim, Florence I.
Graham, Florence I.
Graham, Florence I.
Graham, Hazel.
Grant Boat No. I. Q H.C.
Grant, I. W.
Gravel, J. D.
Graves, Holland &.
Gray, Dolly.
Gray, Dolly.
Gray, Jessie.
Gray, Point
Green, Lady.
Grey, Lady.
Grey, Point
Grower, Grain.
Guard, Coast
Grast, W. J.
Gall, Sea.
Gwyn, Twyn

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Hackett, J. H. Hackett, M. F.

Cawyn, Twyn

Hackett, Margaret A. Hagarty, J. H. G. Haggart, John. Magarty, J. H. G. Haggarty, John. Haileybury, City of. Haggart, John. Haileybury, City of. Hale, Lorne. Hall, Adam. Hall, Bob. Hall, Henry B. Hall, Jesse. Hall, Jesse. Hall, Stephen C. Halliday, Charles. Hamilton, City of. Hammond, Robert C. Hancock, John. Hanlan, John. Haney, Margaret. Hannah, Arthur. Harness, Sir Henry. Harris, Geo. A. Harrow, W. G. Hart, Una E. Hat, Una E. Hat, China, Haye, La. Lunk, Vich. Hat, China, Have, La, Hawk, Night, Head, Cellar, Healy, Tim, Hector, Sir, Heitman, Wm, Helen, A. R. Helen, Carrie, Helen, A. R.
Helen, Carrie,
Hennas, Capt.
Henri, St.
Herry, W. J.
Herre, C.
Hewis, J. D.
Hickler, Clara.
Hickler, Laura.
Hickler, Pauline.
Hiesordt, P. S.
Hilda, Helen and
Hill, Anne C.
Hill, Blae.
Holge, Laly M.
Hodgkins, Evelyne.
Hodgson, Fred. A.
Holcomb, Ralph T.
Holland, Grace.
Holly, James.
Holmes, Perley,
Hope, Point.
Horne, J. T.
Horre, White.
Howard, J.
Howden, James
Hubley, Stanley,
Hume, Jessie
Humming Bird, G. N.
Hunter, G. D.
Hur, Ben.
Hurdman, H. L.
Hurdman, R.

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Idaho. I mneir Ignace, St Ireland, W.S. Irena, Gladya, Irene, Margery. Irene, Margery,
Irenee, St.
Irving, Marion,
Isabed, Donna,
Isabed, Donna,
Isabed, Calumet
Island, Prince Edward
Island, Prince Edward
Island, Rolle, Glen,
Isle, Glen,
Isle, Navy,
Isle, Sedar
Isles, Queen of the
Ito, Prince

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Jack, Black Jack, Shipery

lackson, Lena.
Jacques, Jean and
Jacques, St.
Jacques H, Jean.
Jansen, Senator.
Jap, Little.
Janane, Senator.
Japan, Empress of.
Jarmin, T. J.
Jarvis, Commodore,
Jean, Ethel.
Jeannette, J.a.
Jelley, Heary F,
Jeanic, A. H.
Jeanic, A. H.
Jeanic, A. H.
Jennic, Eu.
Jex, H. N.
Jim, Captain,
Jim, Lucky,
Jim, Uncle.
Joe, St.
John Prices Joe, St. John, Prince. John, Prince,
John, St.
John, St.
Johnson, George H.
Johnston, Eva.
Johnston, Eva.
Johnston, Wm.
Jones, Charlie,
Jones, Charlie,
Joseph, Louis,
Joseph, St.
Josephine, Marie,
Josephine, Marie,
Joan, San. Jaan, San. Julian, St. June, Jennie, Juste, De St.

.. K ..

Kelly, Gordon. Kennedy, Susie. Kenni-Gi-. Ketchani 2nd, John H. Keteham 2nd, John B Kid, B. C. Kid, Yellow. Kida, St. King, Bonanza King, Erl. King, Gravel. King, Gravel. King, Maggue R. King, Midland. King, Morth. Kong, Rapids. King, Rideau. King, Salmon. King, Sand. King, Sea. King, Storm. Kitchener, Lord. Kong, Hong.

.. 1. ..

Lachenais, St Charles, Ladner, Wm. H. Lady, Gray, Ladysmith, City of, Laffamme, A. Lake, Lady, Lake, Rainey, Lake, Seaton, Lake, Stoney, Lal, Sal Lamb, C. H. Langley, Fort, Lass, Sacy, Lassie, Jehnd-Lassie, Scotch, Laughlin, Mary A. Launch, High View, Laurie, Annie, Laurie, Lady, Laverdure, E. G. Lawrence, St. Laurie, Lady, Laverdure, E. G. Lawrence, St. E. Blanc, B. Chemon Le Blanc, Belemon Le Blanc, Marie H. Le Grand, Sauruel.

Lea, Albert. Leal, Holly. Leal, Lyy. Leal, Laurel. Leaf, Laurel.
Leaf, Maple.
Leaf, Maple.
Leaf, Oak.
Lee, Fred. A.
Lee, Fred. A.
Levy. Laura M.
Levy. Laura M.
Levy. S. F.
Lewis, Elgin L.
Light, Northern.
Lighter No. 1, Hudson
Bay Terminals.
Ligne, Grande.
Lily, Ocean.
Lily, Water.
Limit, Legal.
Lion, British.
Lion, Sea. Lion, British. Lion, Sea. Lloyd, C. C. Loggie, Gray. Logie, John. Lomer, Sir. Longer, John.
Lomer, Sir.
London, City of.
Long, Edward.
Longuire, Alice.
Lor, W. R.
Los, De.
Louis, St.
Louise, Mary.
Louise, Princess.
Low, Bush, S. S.
Lowe, E. E.
Luce, Mibel.
Luce, Ida.
Lumberman, United.
Lund, North of.
Lund, North of.
Lund, North of.
Lund, Lyon, Charles.
Lyon, Daris J.

Mac, Amelia.
Mac, Bonnie.
Mac, Christena.
Mac, Christena.
Mac, Donald.
Mac, Elsie.
Mac, Lena.
Mac, Lena.
Mac, Lessie.
Mac, Lessie.
Mac, Lessie.
Mac, Lessie.
Mac, Lona.
Mac, Roy.
MacAulay, Luird.
Mac Donald, Mubel.
Mackay, Robert.
Mackay, Tanin.
Markay, Robert.
Mackay, Robert.
Markay, Robert.
Markay, Robert.
Markay, Robert.
Marin, Rose, Markay, Markay, M.
Marcey, M.
Marrey, M.
Marin, Sor, Martin, Sor, Marin, Marin, Sor, Marin, Marin, Sor, Marin, Mari Maguerite, Lottie
Marie, Santa.
Marie, Anne.
Marie, Aurore.
Marie, Eva.
Marie, Eva.
Marie, Ville.
Mirshall, Frank.
Martin, Dell.
Martin, France.
Martin, J. France.
Martin, J. G.
Martin, Mildred.
Maru, Figi-Mi.
Maru, Takara.
Maru, Ibarue.
Marwick, David.

·· M." Mary, Bold.
Mary, Ella.
Mary, Highland.
Mary, Princess.
Mason, C. S.
Mason, H.
Mason, P. B.
Mason, Thos.
Mathian Temply Mathieu, Tommy, Mattes, Alice. Matthews, W. D. Maud, Alice. Maud, Hazel. Maude, Mary. Maude, Mary.
Maurice, St.
May, Allena.
May, Bertha.
May, Bertha.
May, Clara.
May, Clara.
May, Elsa.
May, Ermily.
May, Ethel.
May, Frorence.
May, Gene and.
May, Lily.
May, Lily.
May, Lizzie.
May, Lula.
May, Lizzie.
May, Maggie.
May, Minnie.
May, Princess.
May, Ruth. May, Princess.
May, Ruh.
May, Vera.
May, Verbena.
May, Yeshel.
Mayes, G. S.
Maytham, George.
Meaford, City of.
Meri, Ta.
Messenger, Hudson's Bay.
Metabetchouan, St. Louis
de. de. de.
Merritt, C. H.
Michigan, Lake.
Miller, C. L.
Miller, J. C.
Miller, J. G.
Miller, J. G.
Miller, J. G.
Miller, J. G.
Minor, John A.
Minto, Lady.
Misener, E.
Misener, E.
Midles, Annie. Mist, Maid of the.
Molles, Annie.
Monk, John E.
Monkey, Powder.
Montgomery, J. H.
Moody, Port.
Moon, Full.
Moor, Dinty.
Moor, Disty.
Moor, Disty. Moor, Dinty.
Moore, Daisy.
Moore, Daisy.
Moore, John R.
Moore, Judge.
Moore, Maud.
Moran, Eugene F.
Moran, Julia C.
Moran, M. Grant.
Morden, W. Grant.
Morgan, James,
Morley, W. B.
Morrell, R. J.
Morrison, Geo, D.
Morrison, J. D.
Morse, Bessie L.
Mumford, J. A. Mumford, J. A. Munro, Daniel M. Murphy, W. L.

"Mc."

Mc, Eleanor.
Mc, Laura.
McAulay, Frank G.
McCarthy, D'Alton.
McCarthy, J. J.
McCarthy, Leighton.

McColl, J. B.
McColl, Mildred.
McCormick, Isabella.
McCrea, Donald H.
McCrea, Elsie.
McCrea, Elsie.
McCrea, Frank N.
McDonald, J. H.
McDonald, M. G.
McDonald, M. G.
McDonald, Robert.
McIntosh, G. P.
McKay, John.
McKee, J. A.
McKee, J. A.
McKee, J. A.
McKeowan, James.
McKinstry, A. E.
McLean, Helen G.
McLeod, D.
McLeod, D.
McLeod, Titus.
McMahon, Agnes.
McMurray, Fort.
McNaughton, P. B.
McNaughton, P. B.
McPherson, Fort.
McNaughton, P. B.
McPherson, Fort.
McRae, Commodore.
McRae, John.
McRae, Wm. F.
McVeittie, A.

" N "

Nahee, Senawa. Neilson, James. Nelson, J. L. New York, City ol. Nicholas, St. Nickerson, Dorothy F. Nickerson, Florence M. Nickerson, Dorothy F.
Nickerson, Florence M.
No. 1, Dominion Park.
No. 1, Fraser Ferry.
No. 1, Giant.
No. 1, Kingcome.
No. 1, Laval.
No. 1, M. T. Co.
No. 1, M. T. Co.
No. 1, M. & F. Hopper
Barge.
No. 1, North Vancouver
Ferry.
No. 1, Ontario.
No. 1, P.R.T.
No. 1, P.R.T.
No. 1, P.W.D.
No. 1, P.W.D.
No. 1, Q.H.C. Dredge.
No. 1, Q.H.C. Grain Boat.
No. 1, Traversier.
No. 1, Traversier.
No. 1, Eleanor.
No. 2, Laval.
No. 2, M. & F. Hopper
Barge.
No. 2, North Vancouver No. 2, laval.
No. 2, M. & F. Hopper
Barge.
No. 2, North Vancouver
Ferry.
No. 2, Quthiaski.
No. 2, Quthiaski.
No. 2, Rambler.
No. 2, W.
No. 2, Skookum.
No. 2, W.
No. 3, Laurentide.
No. 3, M. T. Co.
No. 3, M. T. Co.
No. 3, Now Castle.
No. 3, North Vancouver
Ferry.
No. 4, W.
No. 5, Quathiaski.
No. 3, Supply.
No. 5, Quathiaski.
No. 5, West Vancouver.
No. 7, P.W.D.
No. 7, Wales Island.
No. 8, M. & F.
No. 8, Quathiaski.
No. 9, M. & F.
No. 10, Quathiaski.
No. 9, M. & F.
No. 10, Quathiaski.
No. 9, M. & F.
No. 10, Quathiaski.
No. 14, M. & F. Dredge.
No. 15, M. & F. Dredge.
No. 151, M. & F. Dredge.
No. 101, P.W. D.
Noble, John J.

Neble, John J.

Noel, Lena.
Noela, Marie.
Norctoss, Jessie.
Nord, Pole.
Norman, Fred and.
Notter, G. H.
North, Cock o' the.
North, Wanderer of the.
Nova, Terra.
Now, Where.
Nymph, Lady,

" O "

O'Brien, Julian V. O'Brien, M. J. Oak, Silver. Oggell, E. C. Ogilvie, William. Oh, See Em. Olaf, Prince. Olbee, Lo. Oldfield, W. S. Orde, Colleen. Ormonde, Lord. Osborne, T. Osler, E. B. Ottawa, City of.

" P " Packer, Harry E.
Packet, La Have.
Paine, J. B.
Paint, Fred. L. M.
Paint, Fred. L. M.
Parnell, C. S.
Pass, Let Me.
Pass, Let Me.
Passage, Eastern.
Patch, Dan.
Patricia, Princess.
Pattee H, G. B.
Paul, F.
Paul, J.
Paul, J. A.
Paul, J.
Paul, J. A.
Paul, L.
Paul, Peter.
Paul, St.
Peach, Muriel.
Peaks, The Daughter of the
Pearl, Richibucto.
Pedwell, Henry.
Pee, Tee.
Peed, Tee. Pendergast, James. Perew, Frank. Peter III, Blue. Perew, Frank.
Peter III, Blue.
Peter, St.
Petrie, A. M.
Philipe, Louis.
Phillips, Harold B.
Phippen, F. H.
Ping, Mou.
Piper, Geo. F.
Pistoles, Trois.
Pioneer, Old.
Playfair, James.
Plume, Egret.
Point, Garry.
Point, Roche.
Poirier, H.
Portage, Rat.
Powell, C. B.
Pratt, D. S.
Pratt, John.
Price, Edwin.
Pride, Call Creek's.
Pride, Fisherman's.
Pride, Call Creek's.
Pride, Fisherman's.
Pride, Circassian.
Prince Albert, City of.
Prince, Midland.
Prince, Rapids.
Prince, Ralmon.
Princess, Harrison.
Purdy, D. J.
Pyecroft, Emmanuel.

" Q "

Queen, Cypress. Queen, Fire. Queen, Forest. Queen, Gipsy. Queen, Harrison. Queen, Harrison. Queen, Island. Queen, Little. Queen, May. Queen, Motor. Queen, Outlet. Queen, Port Elgin. Queen, Quinte. Queen, Rapids. Queen, Rideau. Queen, Rideau. Queen, Sea. Queen, Somas. Queen, Sombrio. Quen, De

" R "

Racine, Alphonse. Rae, Mary. Ralph, Harvey and Ranger, Spanish. Ranney, Gertrude A. Randall, John. Randall, John.
Rap, Rip.
Rapids, Grand.
Raven, Black.
Ray, Lula M.
Ray, Prince.
Rayside, J. S.
Read, C. LE
Reid, Aggie B.
Reid, Ethyll.
Reid, Mabel.
Reine, La. Reid, Mabel.
Reine, La.
Reine, La.
Rhodes, Robert R.
Rights, Equal.
Risser, Sadie J.
Ritchie, David.
Ritter, Charles W.
River, Bear.
River, Mossy.
River, Wossy.
River, Oose.
River, Peace.
River, Peace.
River, River, River. River, Slave. Rivieres, Trois. Roamer, English Bay. Roberts, Lord Robertson, Mary I. Robidoux, L. Rebinson, Hiram. Rebinson, Hiram. Rock, St. Rock, Granite. Rock, The High. Rock, Plymouth. Roebling, F. W. Rellar, Wm. Rolph, John. Roses, Five Rooney, Wm. E. Rooth, William A. Roque, Russell. Rose, Sea. Roque, Russell.
Rose, Sea.
Rose, Wild.
Ross, E.
Ross, Elsie.
Ross, Ethal.
Ross, Gertrude.
Roy, Adolphe V.
Roy, Beatrice.
Roy, Rob.
Royal, Princess,
Royal, Princess,
Royal, Homa.
Rupert, Dixie. Rupert, Dixie.
Russell, Donald Patrick.
Russell, Jno. E.
Russell, W. B.
Russil, Empress of.
Ruth, Hazel.

#### 8 GEORGE V, A. 1918

" S "

St. Boniface, City of. St. Boniface, City of St. Juste, De. St. Leon, Annie. St. Pierre, Lac. San Diego, City of. Sanlt, Long. Sawyer, Edgar P. Scagel, Willie. Schofield, J. D. Soott, Charley M. Soott, Walter. Sea, Merry. Sea, Star of the. Seaman, Lillie. Sea, Star of the. Seaman, Lillie. Seath, David. Seibold, Wm. H. Selkirk, City of. Sena, Manu. Sewell, Allan. Sewell, Allan. Seymour, W. H. Shan, What. Shaw, Chas. Shaw, R. G. Shell, Sea. Shores, jr., E. A. Shirpigey, James. Shippigan, Star of Shores, ir., E. A.
Shrigley, James.
Shipley, James.
Shippigan, Star of.
Side, East.
Side, River.
Sigogne, M.
Sigouin, Georges.
Simpson, Port.
Skinner, R. J.
Skugnid, Chief.
Slope, Western.
Smith, Geo. Winfield.
Smith, Geo. Winfield.
Smith, I. M.
Smith, Geo. Winfield.
Smith, J. M.
Smith, Lady.
Smith, J. M.
Sophia, Lettria.
Sophia, Lettria.
Sophia, Lettria.
Sophia, Princess.
Spark, Vital.
Spear, J. R.
Spratt, John H.
Sprite, (The Water).
Spur, Flying.
Stalker, Hugh.
Stanley, Frank II.
Stanlon, Ray.
Staples, Gale. Staples, Howard.
Star, Centre.
Star, Day.
Star, Light.
Star, Morning.
Star, White.
Staratt, Grier.
Stearns, G. M.
Steedman, Joan.
Stella, Marie.
Stevens, Frank B.
Stewart, Archie.
Stewart, Emily.
Stewart, Henrietta.
Stewart, I. C.
Stewart, Marcha.
Stewart, Marcha.
Stewart, T. A.
Stone, Walter H.
Storey, James.
Stover, John R.
Strarthcona, Lord. Strathcona, Lord. Stuart, Jack. Sullivan, Mary. Sun, Northland. Swan, Mary.

Symons, Dorothy.

"Т"

Taylor, J. Frater, Taylor, Joseph. Taylor, W. J. Tan, Roi. Temagami, Bello of. Temagarai, Queen of. Terashita, T. Thom, John S. Thom, John S.
Thomas, D. A.
Thomas, D. A.
Thomas, Douglas H.
Thompson, J. S.
Thomson, Douglas H.
Thorburn, Gladys.
Thurston, Nellie.
Tidings, Glad.
Time, On.
To, Where.
Todd, Charles.
Togo, Admiral.
Tom, Jim and.
Tom, Uncle.
Tour, La.
Tow, No. Tractor, Sea. Trader, Northland (The). Transfer, Canada Atlantic. Transfer, Hope. Tremblay, A.
Trotter, Marion E.
Trudel, H.
Twain, Mark.
Twist, Oliver.

.. U ..

Upham, J. H.

......

Val, Du. Vale, Maide, Vale, Maide, Valloy, Lillie, Van, Lady, Van Allen, D. R. Vancouver, West, Vancouver No. 5, West, Vandenburg, Miss, Verdun, Little, Vernon, City of, Vernon, City of.
Vezina, S.
Vien, Va et.
View, River.
View Launch, High.
Villa, Glen.
Viola, Helen.
Viola, Nelhe.
Visger, Captain.
Vista, Buena.

·· W ··

Wade, Port.
Waffle, T. J.
Ward, J. W.
Warren, Homer.
Wasp, War.
Way, (The) Only.
Weatherspoon, W. M.
Weaver, R. G. A.
Weddell, Hob. G.
Wee, Ride a.
Weeks, Five.
Wettzel, General.
Wells, Corn.
Western, Great, Western, Great.

Whalen, Edward C. Whalen, Laurel. Wheaton, A. J. Wheaton, James. When, Say. Wherry, M. E. Whitaker, Byron. Wherry, M. F..
Whitaker, Byron.
White, Annie B.
White, Colonel.
White, Colonel.
White, Etta.
Whiz, G.
Widow, College.
Williams, Phyllis.
Williams, Phyllis.
Williams, St.
Willow, Tit.
Wilson, William.
Wiad, Beat the.
Wind, North.
Wing, Heron.
Wing, Heron.
Wing, Whistle.
Winnie, Mary.
Winton, Jack. Winne, Mary. Winton, Jack. Witch, Water. Witch, Water. Witt, De. Wolff, Julius. Wolseley, Lord. Wolvin, Geraldine. Wootsie, Tootsie. Wynneht, Violet B.

11 Y 11

Yates, George W. Yex, KB. York, Duchess of. Young, Clara W. Young, George E. Young, John. Young, Zelma T. Yount, Barbara.

11 7/ 17

Zibassa, Chief. Zwieker, G. B.

## SAILING VESSELS.

" A "

Abhey, Olivia. Aberdeen, Lady, Ada, Jessie and. Ada, Jessie and Adams, Dorothy. Adams, Douglas. Adams, Frank H. Adams, Marion. Adams, Mildred. Adams, Ruth D. Adela, Marie. Adelaide, Eather. Adelaide, Warie. Adelaide, Warie. Adelnide, Marie. Adelmina, Maria. Adelmina, Maria Again, Try. Agnew, Effic J. Albert, Albert, H. P. Albert, Levi. Albert, William. Aleta, Dorothy. Alexander, Fort, Alber. Magnet. Alice, Maggie.
Alice, Mary,
Allan, Eliza
Alma, Blanche
Almanda, Marie.

Alphonsine, Mnrie. Alvina, Marie. Alvina, Marie. Anderson, Jane. Banderson, Jane. Andrewa, Abbie L. Andy, Handy. Handy. Handy. Handy. Handy. Handy. Ann, Elizate Ann, Elizate Ann, Ilattie. Ann, Joseph. Ann, Julie. Ann, Margaret. Ann, Margaret. Ann, Mary. Anna, Mary. Anna, Mary. Anna, Mary. Anna, Rose Anne, Elie. Anne, Ane, Marie Anne, Ste Marie Annie, Jennie and Annie, Little Annie, Violet and Antoinette, Marie. Antonette, Marie. Anny, J. Area, Foederia Armetrong, E. E. Arnoldi, John R Arthemise, Marie. Ashley, Josefe Atalanta, Marie.

Alphonsine, Mnrie.

Atwood, Alice M, Atwood, M. F, Auger, H. Avon, Princess of. Awake, Wide. Ayer, Sarah P.

" B "

Backman, Hilda M.
Backman, Marjorie E.
Baker, Mildred.
Ballour, Arthur J.
Ball, Snow.
Ballou, H. M.
Banka, Nellie J.
Baptiste, St. Jean.
Bar, Beacon.
Barber, James.
Barnard, Marie
Barnard, Marie
Barnard, Predge.
Barry, W. R.
Barteaur, A. B.
Bartleaur, A. B.
Bartleaur, A. B. Bartleaux, A. B. Bartlett, A. C. Bartlett, Ethel M. Barton, Ida M. Battle, Geraldine, Baxter, W. H. Bay, Thunder, Bayard, Thomas F.

Bear, Big Beatrice, Helen and Beatrice, Lottic M. Beatrice, Marie. Beatrice, Mary, Boutrice, R. Beck, Cecil L. Bedford, Mary. Bedford, Mary.
Bell, Flora.
Bell, Certie.
Bell, Ida.
Bell, Katie,
Bell, Katie,
Bell, Lillie.
Bell, Maggie,
Bell, Mary.
Bell, Mary M.
Bell, Munnie.
Bell, Silver.
Bell, Sirven IB.
Belle, Satumn. Bell, Sirneon H.
Belle, Autumn.
Belle, Berthn.
Helle, Ednn.
Helle, Elva.
Belle, Gertie.
Belle, Henther.
Helle, Medway.
Belle, Miscou.
Belle, Oresan.
Belle, Oresan.
Belle, Pokenude.
Belle, River.
Belle, Sissue.

Belle, Village. Belliveau, Emma. Bells, Three. Bend, North. Benner, Clara A, Bennert, Annie. Bertha, Marie. Bertha, Marie. Betty, Lady. Bertha, Marie.
Betty, Lady.
Bibeau, A.
Bibeau, A.
Bibeau, A.
Bibeau, A.
Bibeau, C.
Billow, Sparkling.
Bird, Lady.
Bird, Red.
Bird, Roving.
Bird, Sea.
Bird, Spring.
Bird, Spring.
Bird, Spring.
Bird, Spring.
Bird, White.
Bishop, Ada D.
Blackburn, R. L.
Blanchard, Emile.
Blanchard, F.
Blanche, G.
Blanche, Lottie M.
Blanche, Marie.
Blanche, Nina.
Bluteau, G.
Boone, Charles.
Booth, John R.
Borden, R. L.
Boudreau, M. C. G.
Boudrot, S. D.
Boutilier, Liha.
Bow, Golden,
Boy, Arab.
Boy, Benecia.
Boy, Hay.
Boy, News.
Boy, Sand.
Boy, Stone.
Boyd No. I, J. F. Boy, News.
Boy, Sand.
Boy, Stone.
Boyd No. 1, J. F.
Brainard, Katic.
Branch, River.
Breek, Mariou L.
Bremner, E. R.
Bride, Minnie.
Brite C. Wild.
Brinton, Frank J.
Britteliffe, W. F.
Brooks, Ina.
Brothers, Arseneau.
Brothers, Arseneau.
Brothers, Huines.
Brothers, Huines.
Brothers, Lewis.
Brothers, Tree.
Brothers, Tree.
Brothers, Two.
Brothers, Two.
Brown, R. H.
Brown, R. H.
Buell, A. A.
Buell, A. Buckhout, B. B.
Buell, A. A.
Bull, John.
Burke, Emilieu.
Burke, Ida M.
Burns, Katie A.
Burns, Katie A.
Burrard, Drill Boat.
Burstall, J.
Burton, F. H.
Burton, Mary E.
Bush, Money.
Butler, M. J.

" C "

Cnble Co. No. 1, Pacific Coast.
Calkina, Bertie.
Calunet, No. 1.
Calvert, W. S.
Campbell, Ida O.
Campbell, Jean.
Cann, Malcolm.
Canuck, Jack.
Cap, White.
Carrey, Fred.
Carrie, Ethel and.
Carter, Maud.

Carveth, Flora.
Case, Will W.
Casey, Lyman.
Catherine, Lizzie.
Catherine, Mary W.
Cavell, Edith M.
Celia, Marie.
Celina, Marie.
Charley, Little.
Charle, Mattie and.
Chase, M. and L.
Chiasson, Marie.
Chief, Quinte.
Child, Ocean.
Chisholm, C. A.
Christian, Robert R.
Christians, Merry.
City, Central. Christmas, Merry City, Central. City, Coquitlam. Clark, Kate. Clarke, Ida M. Claude, Marie. Clipper, Eastern. Clodia, Marie. Coin, Laurent au. Colgate, Freeman. Collins, J. E. Colp, Lucille M. Columba, S. M. Colwell, E. B. Connaught, Duke of. Colwell, E. B.
Connaught, Duke of.
Conrad, Annie E.
Conrad, Douglas B.
Conrad, Douglas B.
Conrad, Norma L.
Conrod, E. D.
Cook, Yrancis D.
Cook, Francis D.
Cook, Minnie M.
Coolen, Norma P.
Corkum, Clark L.
Corkum, Doris L.
Corkum, Elsie L.
Corkum, Elsie L.
Corkum, Elsie L.
Corkum, Illian B.
Cornier, P.
Cousins, Three.
Cox, J. J.
Cox, Jane.
Cox, R. M.
Crane, Willard.
Creaser, Donald A.
Creaser, Kathleen C.
Creaser, Lucille B.
Crott, J.
Cronbie, W. A. Croft, J.
Crombie, W. A.
Crosby, Heleu M.
Crowell, Elisha.
Culmer, Mary.
Cuaningham, Ida M.
Curreut, Swift.
Curry, Aggie.
Curwin, H.

" D "

Dakin, J. C.
Dale, River.
Dale, River.
Dale, Robert J.
Daley, Claude B.
Daneau, E.
Daniel, King.
Dansereau, Geo.
Darling, True.
Davidson, William.
Davies, E. H. Wharton.
Davis, Alice J.
Davis, George F.
Davis, George F.
Davis, Heleu.
Davis, James.
Davis, Lyman M.
Davis, Minnie.
Dawn, Early.
Dawn, Rising.
Day, Johu.
Day, Josie L.
Dny, Poee O'.
Day, Sunny.
Denvers, Mnble.

Decora, Maria,
Degagne, J. Z.
Deep River, No. 5.
Deep River, No. 6.
Delaney, M. M.
Dell, Hazel,
Delphine, Marie.
Demnis, John E.
Derrick Scow, S. McN.
Desert, Grand.
Dewey, Commodore.
Dicks, Henry H.
Dickson, Harry.
Dickson, Harry.
Dicu, Le Don de.
Dina, Edouard.
Dipper, Great.
Dixon, Nellie.
Dobblins, D. P.
Dobblins, D. P.
Dobblins, D. P.
Dobblins, D. P.
Donaldson, B.
Donovan, Elizabeth.
Dora, Minnie M.
Doucet, Joseph.
Douglas, James.
Douglas, Marion G.
Dow, George.
Drake, Admiral.
Dredge No. 1, Toronto
Harbour Commission.
Dredge No. 3, Toronto
Harbour Commission.
Dredge No. 12, M. & F.
Dredge No. 13, M. & F.
Dredge No. 12, M. & F.
Dredge No. 12, M. & F.
Dredge No. 13, M. & F.
Dredge No. 12, M. & F.
Dredge No. 12, M. & F.
Dredge No. 13, M. & F.
Drill Boat No. %, J. E.
Russell's.
Duck, Sea.
Duff, Jean Dundonald.
Duguay, Reno.
Dunn, Stuart H.
Dunphy, Mary A.

"E"

Eagle, Grey.
Eagle, White.
Earle, Joseph.
Easy, Free and
Eccles, Katie.
Eddie, Little.
Eddia, L.
Edna, L.
Edna, L.
Edna, Mary.
Edouard, Charles.
Edward, King.
Edward, Frince.
Edward, Frince.
Edward, G. C.
Eileen, Rose.
Eisnor, A. G.
Elaine, Mildred.
Elena, Gladys.
Elida, Marie.
Eliza Marie.
Eliza Marie.
Elizabeth, Mary.
Elizabeth, Mary.
Elizabeth, Mary.
Ella, Katie and.
Ella, Maggie.
Ellen, Maudie.
Ellen, Maudie.
Ellen, Mandie.
Ellen, Mary.
Emeline, Hattie.
Emeline, Mary.
Emeline, Mary.
Emerson, Marion.
Emma, Mary.
Emma, Mary.
Emma, Mary.
Emma, Mary.
Emma, Mary.
Emma, Mary.

England, Peter.
English, May.
Ernst, J. II.
Esther, Maggie and.
Ethel, Geneva.
Ethel, Grace and.
Etoile, Marie.
Eunice, Utah and.
Eva, Hattie and.
Evans, David.
Evelyn, Augusta.
Evelyn, Vira.
Ewen, Frank D.

" F "

Fader No. 3, E. J.
Fader No. 4, E. J.
Fader No. 4, E. J.
Fair, World'a.
Fairen, Frank.
Falk, Edward S.
Faulkner, Mary E.
Fay, J. B.
Faye, Emerson.
Ferry Dorval.
Ferryboat, Rose Point.
Fides, Bona.
Filer, Grace M.
Finder, Gold.
Fish, Sen.
Fisher, Eliza.
Fisher, Eliza.
Fisher, Eliza.
Fisher, Eliza.
Fisher, Fisher, King.
Fitch, Edson.
Fitzhugh, Henry.
Flash, Flectric.
Fleet, Pride of the.
Florence, Bessie.
Florence, Lilly.
Flower, May.
Flower, Sea.
Fly, Sand.
Foam, Flying.
Foam, Flying.
Foam, Sea.
Foley, W. F.
Fongere, Lady.
Fox, Sea.
Frances, Lauretta.
Frances Louise, Madeline.
Frank, John and,
Franklin, Lady.
Franklyn, M. A.
Fraser, Wilma.
Fraser, Wilma.
Frichie, Barbara.
Fulton, E. A.

" G "

Gnrdner, Frances.
Gardner, M. M.
Gaskill, Mollie G.
Gaskiln, John.
Gauntlet, Red.
George, King.
George, Lloyd.
Georger, F. A.
Georginn, Marie.
Georgina, Rosa.
Gertie, Alma L.
Getson, Daniel.
Giant, Little.
Gidney, Emma.
Gill, D.
Gill, Z.
Gillam, Maud.
Girl, Island.
Gladys, Adeline.
Gladys, Aleen.
Glenn, Helen.
Glory, Worning.
Glory, Old.
Glow, Sunset.
Go, Rise and.
Gordon, Gay (The).

Gordoa, Mary S.
Goreham, Eliza.
Grace, Rodrid.
Gracie, Little.
Grafftey, W. K.
Grant, Kate.
Gray, John.
Gray, Mark H.
Greene, Fred.
Greenled, Lizzie J.
Greenwood, A. C.
Grey, Earl.
Grier, G. A.
Gris, Nuage.
Groat, George.
Grogan, Stephen P.
Grover, Edward.
Grozier, Edwin A.
Guy, Prince. Gordon, Mary S.

#### "Н"

Hackett, Dredge.
Hains, M. E.
Hains, M. E.
Hains, M. E.
Hains, John.
Hall, Doris.
Hall, Doris.
Hall, Laura C.
Haney, Michael J.
Hankinson, Esther.
Hanscom, Belle.
Harbour, Golden.
Hardy, Leah.
Harrison, Henjamin.
Hart, Elsie M.
Harrison, Henjamin.
Hart, Gladya G.
Harvey No. I. Neree.
Haskell, Charles.
Haskell, Loring B.
Hawk, Fish.
Hazen, J. D.
Heir, Little.
Heney, Joha.
Henpell, I. Hency, Joha. Heppell, J. E. Heppell, Lady. Herman, Hazel E. Hlervey, R. G. Higgins, Freddie A. Higgins, Freddie A.
Hilda, Graco.
Hilda, Graco.
Hilda, Mary and.
Hilla, Lady.
Hitton, Annie.
Himmelman, Vera E.
Himes, Edna R.
Hirtle, Carrie L.
Holler, H. A.
Holland, B. & B.
Holland, Dredge.
Hollett, Donald G.
Hollett, Ella C.
Hollett, Ella C.
Hollett, Gordon M.
Holmes, Sadie O.
Holt, Amos M.
Home, Happy. Home, Happy. Home, Summer. Home, Summer.
Home, Sweet.
Hood, Robin.
Hortense, Laura
Horton, Hilda M.
Howard, Ethe
Hubley, A.
Hudson, Agnes,
Hunter, Isaac.
Hunter, Nellin.
Hur, Ben.
Hutt, Hattie
Hutt, Violet M.

# .. 1 ..

Ida, Hona and ida, Hona and Imp. Sauey. Ina, Hattie and Inkpen, Marjorie N. Intent, Good. Isabello, Marie Islando, Crane. Islandor, Royad. Jslanda, Gilbert.

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Jack, Saucy,
Jack, Supple,
Jacksoa, G. K.
James, Eddie,
James, Eddie,
Jamieson, Wm.
Jane, Abby,
Jane, Anna,
Jane, Emma,
Jane, Emma,
Jane, Highland,
Jane, Letty,
Jane, Margie,
Jane, Mary,
Jane, Sarah,
Janes, C. W.
Jax, B.
Jax, G.
Jean, Bonnie, Jax, G.
Jean, Bonnie,
Jeanne, Marie,
Joe, Little,
Johnson, Harry M.
Johnston, Joseph P.
Jordon, Phoebe,
Joseph, Jean,
Joseph, Marie,
Joseph, Marie,
Joseph, King,
Jour, Le Point du,
Jubilee, Diamond,
Julia, Lidie and,
Julia, Maggie,
Justine, Marie,

" K "

Kate, Bonnie.
Katheleen, Margaret.
Kearney, Philip.
Keast, Abbie.
Keeley, Bertha.
Kelly, G. C.
Kenneyd, John.
Kenney, M. S.
Kenney, Olga B.
Kilderhouse, John.
Kilham, Oliver F.
King & Co., No. 23, J. B.
King, Euretta.
King, Nellie J.
King, Sen.
King, Sen.
King, Sen.
King, Sen.
King, Susan
Kitchener, H. H.
Knight, Pythian.
Knight, R.
Kollage, John G.

" L "

Labranche, H.
Lafleur, M.
Lafleur, H.
Lake, Little.
Lambort, Lady.
Lambert, Mary.
Leagevia, Hon. Hector.
Laroche, D. N.
Larsen, Julin
Lava, Clare,
Laura, Minnie.
Laure, Marie
Laurier, Lady,
Lawrenes, Florence C.
Leuf, Maple. Labranche, H. Lawrence, Florence C.
Leaf, Maple
Leaf, Silver
Leaf, Village,
Leanny, D'Arry,
Leamy, Katie
Le Bouthlier, Marie,
Lebrun, Z.
Lee, Cora

Lee, Dora. Lee, Horman. Lee, John A. Lee, Winnifred. Leeson, Margaret Jane. Légère, Lea. Lemoine, Frances.
Lent, Jessie.
L'Esperance, Marie.
L'Esperance, Marie.
Levis, E. G.
Lewis, Gertie.
Light, Golden.
Light, Morning.
Lilian, Alethea.
Lilly, Calla.
Lilly, T.
Lilly, Jersey.
Lilly, Water.
Links, Three.
Linnet, Green. Lemoine, Frances. Links, Three.
Linnet, Green.
Linwood, Lelia.
Lioa, British.
Lisa, Mona.
Lis, Fleur de.
Loekhart, F. C.
Lombard, E. A.
Lomoad, Ben.
Long, Minaie.
Loring, Hattis Lomoad, Ben.
Long, Mianie.
Loring, Hattie.
Lost, Paradise.
Louis, M. A.
Louis, Prince.
Louisa, Marie.
Louise, Exilda Marie.
Louise, Frances
Louise, Frances
Louise, Hattie.
Louise, Hattie.
Louise, Mary.
Louise, Myra.
Louise, Myra.
Louise, Myra.
Louise, True.
Luby, Louis
Luff, Sophin J.
Lutz, Albert J.
Lydon, Mary Ann.
Lynch, David.
Lyon, Mary.

.. и ..

Mahel, Ella.
Mack, Beatrico S.
Mack, Mianie.
Mack, Myytle.
Mader, Flo F.
Magee, John.
Migill, C. J.
Maggie, John and.
Malione, Belle.
Mad, Forest
Marcotte, I Maid, Forest
Marcotte, I
Marcus, Wilfrod,
Margaret, Katie,
Margate, Mary J
Margeson, J. W
Marie, Fleur do,
Marie, G. H.
Marie, G., Joseph,
Marie, Reine,
Marie, Stella
Marin, Due de la
Marin, Etoile d'un,
Maris, Stella
Maris, Stella
Maris, Stella
Maris, Stella
Maris, Stella Marin, Etoile d'ui Maris, Stelln Marr, Wianifred Marryntt, G. H. Marten, Gordon Martin, J. B. Maru, Slimyes Maru, Togo Marvan, E. B. Mary, Ellen, Mary, I.

Mason, Lydia A. Master, Grand. Mathews, Flora. Matilda, Mary. Mattatall, Alice. Mand. Alice. Maud, Alice,
Maud, Alice,
Maud, Alice,
Maud, Effie,
Mand, Ellen
Mand, Helena,
Maud, Helena,
Maud, Helena,
Maud, Helena,
Maud, Hilda,
Maud, Louise,
Maud, Minnie,
Maurice, E.
Marner, Allicen,
May, Alice,
May, Alice,
May, Alice,
May, Clifford,
May, Drucilla
May, Edna,
May, Edna,
May, Ethel,
May, Ethel,
May, Eva,
May, Finettie,
May, Hanny,
May, Finettie,
May, Idan,
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May, Jenate,
May, Lilly,
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May, May, Mina. May, Minaie May, Rilla May, Stella May, Viola May, Winnie May, Wannie,
May, Wannie,
May, Zillah,
Mayfield, E.
Me, Catch,
Mea, Cara,
Mende, Genoral,
Meg, Mons,
Melbourne, William
Melita, Dorothy,
Mercier, Honorablo,
Merrill, Julia B.
Midleton, General,
Middrod, Erzie G.
Mifford, R. H.
Millard, S. B.
Millen, G. H
Miller, Evelyn V.
Miller, Evelyn V.
Miller, Huzel B
Millette, A
Mineh, Sophia,
Mine, Lady,
Mist, Maid of the
Mogal, Great,
Moltke, Von
Monk, Edward,
Mortan, David
Morden, Dolly,
Morgan, M. G
Morses, George H
Mossher, Murion,
Moutan, Sault en Mouse, Sea.
Mouton, Sault au.
Mowat, Oliver
Muir, A
Muhall, D. C.
Munro, C G
Munroe, Murray R.
Munroe, Olive.
Munroe, Owen A

Murphy, Julia. Myers, Mildred G. Myra, E. D. Myrer, Mollie. Myrtle, Clarica and. Mysterieuse, Rose.

" Mc "-" Mac."

MacKay, Adam B.
MacKay, Adam B.
MacKenzie, J. Harry.
MacKenzie, J. Harry.
MacKenzie, R. L.
McBride, John.
McDonald, M. A.
McDougall, Mary E.
McDougall, Mary E.
McGel, Lizzie S.
McGill, Joseph.
McGlashen, Agnes D.
McGlashan, Marjorie.
McGowan, Willie.
McKay, Hattie.
McKay, Hattie.
McKay, W. C.
McKenzie, K.
McLachlan, Mary E.
McLaurin, Alexander.
McLeod, Ethel.
McVea, E. J.
McWilliama, E. " N "

Nash, Elizabeth.
Nelida, Marie.
Nell, Little.
Nellie, Alice and.
Nelson, Alma.
Nelson, Port.
Newell, Jessie.
Newhall, A. C.
Newhall, Edith.
Newland, J. B.
Newa, Good.
Nickerson, D. E. Newa, Good.
Nickerson, D. E.
Nickerson, Effie B.
Nickerson, Effie B.
Nickerson, Freda N.
Nickerson, M. L.
Nickerson, Ora.
No. 1, Allana.
No. 1, Atagé.
No. 1, Bk.
No. 1, Bk.
No. 1, Butier.
No. 1, Canadian Northern
Pacific. Pacific. Pacific.
No. 1, Charles E. Stoody.
No. 1, Cobledick Dredge.
No. 1, Constance.
No. 1, Delver.
No. 1, Delver.
No. 1, Dombrico.
No. 1, Empire.
No. 1, Fort.
No. 1, (The) Foundation
Co. No. 1, (The) Foundation
Co.
No. 1, Genoa.
No. 1, Gilley.
No. 1, Granby.
No. 1, Grue.
No. 1, Handy.
No. 1, Himble.
No. 1, Compagnie Générale,
Hopper Scow.
No. 1, Lake St. Louis.
No. 1, Laurin & Leitch.
No. 1, McLean.
No. 1, Manley & Co. No. 1, McLean.
No. 1, Manley & Co.
No. 1, Manyers.
No. 1, Minion.
No. 1, Neehish.
No. 1, Nidge.
No. 1, Oil Transport.
No. 1, Provincial.
No. 1, Provincial.
No. 1, Rock Breaker.
No. 1, Rock Cutter P.W.D.
No. 1, Rock Cutter P.W.D.
No. 1, Saward.

No. 1, Sayward. No. 1, Phin & Co., Scow.

No. 1, Temiscamingue. No. 1, Tom.

No. 1, Wabash. No. 1, Woodward. No. 1, Zephir. No. 2, Allans. No. 2, Bk. No. 2, Cadeco. No. 2, Canadian Northern Pacific

No. 2, Canadian Northern Pacific. No. 2, City Dredge. No. 2, Dombrico. No. 2, Dombrico. No. 2, Empire. No. 2, Empire. No. 2, Ewen. No. 2, (The) Foundation

Co.
No. 2, Genoa.
No. 2, Gilley.
No. 2, Compagnie Générale, No. 2, Gillay.

No. 2, Compagnia Générala.

Hopper Scow.

No. 2, Independent Asphalt.

No. 2, Lake St. Louis.

No. 2, Laurin & Leitch.

No. 2, Miramichi.

No. 2, Phantom.

No. 2, Phantom.

No. 2, Phantom.

No. 2, Phantom.

No. 2, Pinatom.

No. 2, Pinatom.

No. 2, Penisomingue.

No. 2, Vie.

No. 3, Stallans.

No. 3, Bruiser.

No. 3, Calleco.

No. 3, Canada.

No. 3, Colonial.

No. 3, Empire.

No. 3, Cillay.

No. 3, Fraser Mills.

No. 3, Fraser Mills. No. 3, Gilley. No. 3, Compagnie Générale,

No. 3, Gilley.

No. 3, Compagnie Générale,
Hopper Scow.

No. 3, Lake St. Louis.

No. 3, Laurin & Leitch.

No. 3, McDowell.

No. 3, McDowell.

No. 3, McLean.

No. 3, Temiscamingue.

No. 3, Vie.

No. 3, Westholme.

No. 4, Cadeco.

No. 4, Cadeco.

No. 4, Dominion.

No. 4, Ewen.

No. 4, Gilley.

No. 4, Gilley.

No. 4, Gilley.

No. 4, Laurin & Leitch.

No. 4, Shipman.

No. 5, Dombrico.

No. 5, Fraser Mills.

No. 5, Fraser Mills.

No. 5, Compagnie Générale,
Hopper Scow.

No. 5, Compagnie Générale,
No. 5, Compagnie Générale,
Hopper Scow.

No. 5, Compagnie Générale,
Hopper Scow.

No. 5, Compagnie Générale Hopper Scow, No. 5, Laurin & Leitch. No. 6, Allans. No. 6, Dombrico. No. 8, Bute. No. 9, Phin & Co., Scow. No. 11, Pioneer S. & G. Co. No. 301, Dredge, P.W.D. North, Pride of the. Now, Ready.

" 0"

O'Dny, Peep. Odell, Mary. Olia, Gladya. Oliver, E. M. Olson, Ida A. One, Queensboro. Ontario, New. Opp, Julie.

O'Toole, M. Otter, Colonel. Ours, Gros. Oxner, Lena F. Oxner, Sarah L.

" P "

P.W.D. No. 3, Lohnitz.
Padoue, St. Antoine de.
Page, Maggie.
Palmer, Jennie.
Paris, U.
Parker, Alph. B.
Parker, John.
Parks, Lowell.
Parks, Percival S.
Parsons, Minnie G.
Parsons, Ralph S.
Patty, J. W.
Patten, Emily H.
Pauli, Jean.
Pauline, Agnes. Pauline, Agnes. Pauline, Agnes.
Pauline, Edith.
Pauline, Edith.
Peard, Ada.
Pearl, Ada and.
Pearl, George.
Pearl, Sea.
Pearl, Suipeigan.
Pearl, Susie.
Pearl, Viola.
Pease, Edward S.
Penniman George Penniman, George. Pennington, B. L. Pennington, B. L.
Perry, A. I.
Perry, G. H.
Peters, Ida.
Phoebe, Alice.
Phillips, H. C.
Phillips, Henry L.
Pickels, Edna V.
Pierreville, Notre Dame de Pink, Sea.
Plunkett, Wilfred.
Potter, Emma E.
Potter, John C.
Porter, Elsie.
Posa, Marie.

" Q "

Power, Wm. Price, Hon. David. Premier, Elevator Dredge.

Primrose, Dredge. Primce, Crown. Prince, Western. Prize, First. Proctor, Emma. Purdy, Myrtle.

Queen, Bay. Queen, British. Queen, Copper. Queen, Fairy. Queen, Forest. Queen, May. Queen, Quoddy. Queen, Richmond. Queen, Salmon. Queen, Seotia. Queen, Sea. Queen, Sea. Queen, Silver. Queen, Snow. Queen, Village, Queen, Wars. Quinlan, Hattie, Quinlan, Hugh. Quyon, No. 1. Quyon, No. 2.

" R "

Raquette, Marie. Raymond, Chesley. Redfern, J. II.

Reed, Isabel. Reid, Nellie. Reine, Vice. Renaud, A. Rene, J. G. Reynolds, Freddie M.
Rhuland, G. A.
Richard, C.
Richard, C.
Richard, W. M.
Richardson, Charlie.
Rider, Wm. H.
Riley, Margaret May.
Ritcey, Hazel L.
Rives, Peter.
Rhoda, Rita V.
Robertson, Angus W.
Robertson, J.
Robertson, W. G.
Robidoux, W.
Robidoux, W.
Rockbreaker No. 2, Lobnitz. Reynolds, Freddis M. nitz. Rockbreaker No, 1, M. F.
Roche, Cap a la.
Rod, Golden.
Romkey, Mary M.
Roop, Georgina.
Rose, Bella.
Rose, Fanny.
Rose, Mary.
Rose, Wild.
Rosanna, Marie.
Rouge, Dragon.
Royer, Ocean. Rouge, Dragon.
Rover, Ocean.
Rowley, W. H.
Roy, Jessie.
Roy, Rob.
Roy, Willie.
Rudolph, Ella M.
Rud. Colden. Rule, Golden. Russell, C. E. Russell, Edmund. Russell, Lottie R.

" S "

Sabean, E. A.
Saint, J. B.
St. Laurent, Marie.
St. Nicholas, Gabriel de.
Salmon, Big.
Sarty, Dorothy P.
Saunders, Uda A.
Saxon, Anglo..
Schnare, Lucille M.
Schwartz Leta A. Schwartz, Leta A. Seow, Mudpout. Scrimgeour, John G. Scrimgeour, John G Seeker, Fish. Seeker, Gold. Seeker, Gold. Seeker, Gold. Seeker, Gold. Selig, Louisa J. Shell, Clam. Silver, Amy B. Silver, Donald L. Silver, Lottie A. Simcoe, Dredge. Simonds, Richard. Sinclair, Wm. Sistera, Twin. Sisters, Twin. Sisters, Two. Sisters, Two. Slater, James. Sixsmith, W. II.
Slater, James.
Slipper, Sea.
Smart, Dorothy M.
Smith, A. D.
Smith, Annie.
Smith, Benjamin C.
Smith, Edna M.
Smith, Frances W.
Smith, Gladys B.
Smith, Gladys M.

#### 8 GEORGE V, A. 1918

Smith, Lady.
Smith, Lewis H.
Smith, Lucille M.
Smith, Lucille M.
Smith, Mira L.
Smith, R. A.
Smith, Ronald G.
Smith, Tira.
Smith, Vivian P.
Smith, Vivian P.
Smith, William C.
Smith, William C.
Smith, Loren B.
Smith, Wilfred L.
Snow, Dorothy G.
Snowball, Senator.
Sound, Paget.
Spears, Mary E.
Spindler, Annie L.
Spray, Ocean.
Spray, Goean.
Spray, Silver.
Stanley, H. M.
Star, Flying.
Star, Kany.
Star, Kany.
Star, Gertie M.
Step, Quick.
Stephens, G. M.
Stephens, G. M.
Stephens, G. M.
Stephens, G. M.
Stella, Marie.
Stella, Marie.
Stella, Nora.

" T "

Talbot, D. Tarr, Della F. Taber, Horace,
Taylor, M. J.
Taylor, M. J.
Taylor, Mary.
Templeton, Lord.
Theriault, Charles.
Thomas, James W.
Thomas, William.
Thomey, Chrissie C.
Thompson, Flo.
Thorburn, Blanche M.
Thornhill, Maud.
Thread, Silver.
Tidings, Glad.
Tobey, Avis C.
Todd, J. W.
Todman, H. N.
Togo, Admiral.
Tolmie, J.
Tower, Ada.
Townsend, Sarah A.
Trade, Free.
Trahan, Clarence.
Traverse, Lower.
Traverse, Lower.
Traverse, Upper.
Trial, First.
Trim, Corporal.
Trois Saumons, St. Joseph.
Troop, Howard D.
Turner, Amy.
Turpel, Sadie.
Two, Queensboro.
Two ig. Salie.
Two, Queensboro.

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Unity, M.

Vair, Helen. Vaughan, Etta. Vaughn, Daisy. Verna, Abbie. Vezna, Emile. Victoria, Princess. Victoria, Reine. View, Sea. Voges, Theodore, Vogler, Jessie M.

\*\* W \*\*

Wade, F. B
Wall, Katie E.
Wallace, M. B.
Walters, C. A.
Walters, C. M.
Walters, C. M.
Walters, E. B.
Walters, E. B.
Ward, E. C.
Warmington, G. H.
Warren, Annie L.
Washington, I. R.
Waters, W. H.
Watters, Nellie.
Wave, Wild.
Weeks, George H.
Welland, New.
West, Golden.
West, North.
West, North.
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West, North.
West, North.
Westn, Manud.
Whalen, P.
Whidden, Gladys E.
White, N. W.
White, T. T. W. J.
Wilfred, Sir.
Willard, Frances.
Willard, Frances.
Willard, Frances.
Willard, Frances.
Willard, Frances.

Willie, Prince,
Willow, Bessie,
Wilson, Agnes,
Wilson, Norman F,
Wind, West,
Wing, Fleet,
Wing, White,
Wing, Winnie,
Wings, White,
Winters, Muriel E,
Winters, Warren G,
Wisp, Will o' the,
Witch, Water,
Witheck, Henry,
Woster, Flora,
Wynot, W. S,

" X "

Xavier, Francois. Xavier, St. Francois.

11 Y 11

Yankee, Flying, Yergeau, A. York, Duke of, Young, Albert A. Young, Alena L. Young, Fanny, Young, J. M. Young, Lizzie, Young, Mary D. Young, Mury I.

" Z "

Zellars, E. M. Zembla, Nova. Zinek, Ida M. Zoe, Marie

# INTERNATIONAL CODE OF SIGNALS.

This list is prepared for the purpose of enabling officers at signal stations on shore, and masters of Ships at sea to signal and report passing ships. It contains the name and distinguishing signal of every ship registered in Canada to which a code signal has been allotted to the 31st December, 1917. The particulars of each ship are given both in the order of the signal letters and in the alphabetical order of their names.

Applications for the allottment of a code signal for the purpose of making ship's name known at sea should be made on form C.C.S.I. to the Registrar of Shipping at the port to which it belongs.

THE ENSIGN TO BE SHOWN AT THE PEAK, OVER THE CODE PENNANT, WHEN THE SIGNAL LETTERS ARE HOISTED.

# 8 GEORGE V, A. 1918

British Ships Registered in Canada to which distinguishing signals have been allotted, arranged in alphabetical order.

		1		1	
Name of Ship.	Port of Registry.	Signal. letters.	Name of Ship.	Port of Registry.	Signal. letters
A B Barteaux	Windsor, N.S.	TMJR	Falka	Lunenburg, N.S.	T.W.N B
A E. McKinstry	Windsor, N.S Montreal, Que.	T M.P.D	First Prize	Lunenburg, N.S Moatreal, Que Port Hawkesbury, N.S.	J.M.N.D.
Acacia .	Port Madman X S	W. K. Z. I	Florence C Lawrence		
Acadia	Ottawa, Ont	J.C.M.D. T.M.Q.K. W.T.L.H	Flying Cloud	Fort Hawkesbury, N.S. St. John, N.B. Sydney, N.S. Lunenburg, N.S. Liverpool N.S. Montreal, Que. Quebec, Que	TGJLD
Acadian Ada Peard ,	Montreal, Que. Halifax, N.S. Parrsboro, N.S. Liverpool, N.S. Shelburne, N.S. Windsor, N.S. Liverpool, N.S.	WTIH	Frances Louise.	Lupanburg X S	T M S W
Ada Tower	Parrsboro, N.S	J.N.K.R.	Frank R Forsey.	Liverpool N.S.	TMS R
Adeline.	Liverpool, N.S	R.W.L.K. T M P.G	Frontifold	Montreal, Que.	P K.T.H
Admiral Drake.	Shelburne, N.S	T M P.G	G. I. D	Quebec, Que	H.P.L.M
Advent	Windsor, N.S.	W.M.B.P. T.M.W.B.	Galinno	Ottawa, Ont Shelburne, N.S	T.M.N.Q H.P.M.C
Ainslie. Mert	Weymouth, N.S.	W D.L.J.	G. R. Crowe		
Amelia	Magdelen Islands, Que	IN M.G R	Garthelyde	Montreal, Que	JQF.M. RHQC
Amherst	Charlottetown, P.E.1	W.N.J.D	Cressponden .	Quebec, Que Shelburne, N.S Annapolis, Royal N.S.	RHQC
\mur_	Vancouver, B.C.	L.Q.T.F.	General Maude	Shelburne, N.S	1 '27 44 77
Angouleme.	Montreal, Que	T.M.W.S. T.M.W.R.	Georgina Roop Geraldine Wolvin	Annapolis, Royal N.S.	HPLC. T.M.QB
Annie B. Anderson. Annie L. Warren	Waymouth X S	T M.J.H.	Gilbert Islands	Vancouver, B.C.	T.M.J.W.
Aranmore	Ottawa, Ont.	L.V.N.B.	Gladys M. Hollett.	Liverpool, N.S. Shelburne, N.S.	TMVL
Ariceen	Ottawa, Ont Liverpool, N.S	L.V.N.B. T.M.W.F.	Glenfoyle.	Midland Oat	11000
Armonia	Montreal, Que	1.M.C.Q.	Glenmavis.	Midland, Ont	J.C.K.R.
VXOV Parificial	Toronto, Ont.	M.P.J.S.	Glooscap	Midland, Ont Windsor, N.S Windsor, N.S Montreal, Que	J.C.K.R. T.C.N.L. M.R.D.C
Bayfield Beatrice Castle.	Ottawa, Ont Victoria, B.C.	TNRF	Golden Rod Guinna	Montreal One	H L.D P
Beauharnois	Ottawa, Ont .	I.M.C.Q. M.P.J.S. L.C.F.M. T.N.B.F. R.F.L.Q.	(1.1		W & P W
Beechland	Annapons Royal, N >	T.M V.N. T.M K.C.	Gwennith.	Ottawa, Ont. Ottawa, Ont. Halifax, N.S. Halifax, N.S. Windsor, N.S. Windsor, N.S. Vancouver, B.C. Vancouver, B.C.	HSRI
Bellas	Quebec, Que	T.M.K.C.	Halifax	Halifax, N.S.	H T.F.N K V C R T.M K II
Bermudian	Montreal, Que	H.B.P.K.	Halifax .	Halifna, N.S	KACR
Bessie Dotlar Bravo	Luncaburg X S	H.D.V.N. W D.P.G	Hambora. Hamburg	Windson NS	KIHW
Bristol	Victoria, B C. Luneaburg, N S. Windsor, N.S.	SGMH	Harold Dollar	Vancouver, B.C.	KJ H.W H.R.W.Q
British Columbia.	Vancouver, B.C.	) II. D. (2.	Hazel Dollar	Vancouver, B C	H.C.B.S.
Bureligh.	Holder > S	WKPR	110chenika		HYMS
W Janes	Quebec, Que	J.P.L.V.	Hodking.	Halifax, N.S.	T.M.K.G T.J.R.G.
alburga aniosum	Maitland, N.S. Vancouver, B.C.	J.P.L.V. M.J.B.N. H.M.V.R.	Iberville Imbricaria	Gaspe, Que Vancouver, B.C.	N F.G T
'anada.	(Htawa Ont	T MJ N.	Imperial.	Sarnia Ont	OCPJ
'anada.	Vancouver, B.C Windsor, N.S Montreal, Que	T M J N. M Q N S. M II W F	Imperoyal	Sarnia Chat	1 B W D
anada	Windsor, N.S	MHWF	Impoco	Sarnia, Ont Lanenburg, N.S.	JCNN TNBR NVKR
Canadian	Montreal, Que	TMQN LTQN WDLN HQPW	Integral. Inverseill.	Montreal, Que.	N N B B
Cape Breton Carlotta G. Cox	Montreal, Que. Vancouver, B.C.	11 10 1.	Inversnaid	Montreal, Que	MPVW
artier	Ottawa, Ont	H O P.W	Invictus	Annapolis Royal, N.S.	W.M.C.B
'ascapedia	Quebec, Que	N V.S.J.	locolite	Sarnia, Ont .	TMPK
Tharles A. Ritcey Tharles E. Lefurgey	Luneaburg, N S	T N B.Q	locoma	Sarnia, Ont .	H WJ N Q S L.R
harles E. Leturgey Thasina	Charlottetown, P.E.I. Vnncouver, B.C.	R. F. N. M	Imperia . Ivigtut	Montreal, Que Quebec, Que	RDSM
Thileo	Vancouver, B.C.	HETE	J. A. McKee.	Sault Ste Marie, Oat .	HNCB
'hiralite	Toronto, Ont	T M V.H.	Jean Stewiman	Victoria, B C	1.31 11 3
Thrusse C. Thomey	Ottawa, Ont.	T Q.N.K.	Janet Carruthers	Vancouver, B C	TMQF
hristine	Ottawa, Ont	H C Y L.	Jessie Brown.	Charlottetown, P.E.I.	SFHA
'ircassian Prince 'ity of Ghent	Toronto, Unt	ILC.N V	Jessie Norcross . Katherine V. Mills	Vancouver, B.C	TMQD
'oban	Toronto, Ont . Halifax, N.S Montreal, Que.	H Q P.W N V.S.J. T N B.Q. K F.N.M. W D.V.G. H B.T F. T M V.H. T Q.N.K. H C V L. L.C.N V. W Q R V. W H N K. M H L.O.	Kathleen Crowe	Annapolis Royal, N.S. St. John, N.B.	HPMK
огчала	Montreal, Que.	M H L.Q	Kenora	PP. n. stor () at	II I D
ruizer	Montreal, Que. Halifax, N.S.	NSQR TMNR TMVD TMKD SRCF TMQS.	Koroan	Montreal, Que	KFBH TNVB SKCV TMPC
) \ Gordon	Mantrool (Inc.	TMNR	La Canadicane	Ottawn, Ont.	SECL
Daniel Getson Daniel M. Munro	Windows X S.	T M 6: 1)	Lady Evelya Lady Grey	Quebec, Que .	TMPC
Julphan	Arichat, N.S.	SKCF	Lady of Gaspe	(hunhad (hua	15 ( . 14 //
Donald G. Hollett	Lunenburg, N S. Windsor, N S Vrichat, N S Shelburne, N S Hamilton, Ont	TMQS.	Lansdowne	Ottawa, Ont Quebec, Que Octawa, Ont	W D M I
)onnacona			Laurel Whalea	Viincoaver, B C	J. 71 G C.
lora Siewerd	Victoria, B C Syndey, N S	WKNV	Lewis Brothers	Halifax, N.S Maitland, N.S	0 4 2 C
)unute . \ Salwan	Port Medway, N.S.	WILDE	Lallie Lallooet	Victoria, B C	H P M G
. A Sabean . B Marvin	Halifan, N.S.	WDLP		Montreal, Que	H TWC
. l. \ \rmstring	Windsor, VS	TMWL	Lockwood	St John, N.B. Montreal, Que	LDFC
. b. A Armstrong . H Wharton Davies .dith M Cavell	Parraboro, N.S.	T-21 W 7	Lord Dufferia		SCH A
Mith M Cavell	Shelburne, N.S.	TMNS	Lord Omonde	Quelier, Que	RGVB
idna V Pickels	Vanapolis Royal, N.S.	SWHL	Lord Strathcona	Quehec, Que Montreal, Que	A L Q B
Jva Jva	St John, N.B. Shelburne, N.S.	BDNS.	Eavisa	Windsor, N.S.	TCML
impress of Asia	Vancouver, B C	JCKF	Luz Blanca	Toronto, Ont	TCML
impress of Japan	Vancouver, B C	JCKF MCHQ	M J Taylor	Quebec, Que	WILDI
impress of Russia	Vancesiver, B C Windsor, N S	IRSO	Масилия	Hamilton, Ont	KRIT
ather Arlelande	Vindsor, N.S. Parraboro, N.S.	TMVO	Mabel Brown Mabel Stewart	Vancouver, B C Vancouver, B C	TMOG
varlae vaeisiae	Pictou, N.S.	TCMD TMVQ WHCG	Maggie Bell	Lunenburg, N. S.	TMQG WMCB
Luida	Parraboro, N.S. St. John, N.B.	TMQH	Malahat,	Victoria, B C	TMWC
		FQWF			TART

# British Shihs Registered in Canada to which distinguishing signals have been allotted, arranged in alphabetical order

Name of Ship.	Port of Registry.	Signal. letters.	Name of Ship.	Port of Registry.	Signal.
anxmaa	Montreal, Que	K W.J.T.	Ruby W	Liverpool, N.S	T.N.B.M
argaret	Ottawa, Ont.	T.M.J.P.	Salvor	Victoria, B.C	J.S.C.T.
argaret Haney	Vancouver, B.C	T.M.P.W.	Sarnolite	Sarnia, Oat	T.M.P.O.
arie Barnard	Vancouver, B.C	T.M.S.N.	Scotia II	Ottawa, Ont	J.L.S.B.
eaford	Toronto, Ont		Scotsman	Halifax, N.S.	TYDW
elmore			Seal	Windsor, N.S.	HSXM
ssenger	Ariebat, N.S	S.K.C.D.	Sellasia	St. John, N.B	SNVR
ldred	Sydney, B.C	H.P.L.V.	Selma	Vancouver, B.C	W.D.V.C
na Brea.	Toronto, Ont		Senlae	St. John, N.B	TOLS
nnie G. Parsons	Windsor, N.D	T.M.P.S.	Severn	Charlottetown, P.E.I	IRPC
sty Star	Shelburne, N.S	TNRG	Severn	Windsor, N.S	MHDI
ongeagle	Vancouver, B.C	OVNC	Silver Leaf	Parrsboro, N.S.	TOME
stashquan	Quebec, Que	ISMO	Silver Queen	Waitland VS	TUSO
eptune	Liverpool, N.S	SECW	Simeoe	Maitland, N.S. Ottawa, Ont.	HVP
evada	Montreal, Que	LVGT	Simla	Various P C	TUID
ewington	Vancouver, B.C	RCCW	Skoda	Windsor, N.S. Shelburne, N.S. Weymouth, N.S. Parrsboro, N.S.	N. C. V. I
ewington	Montreal, Que	TIPOR	Sparkling Glance	Shellourne N. C.	T V D C
itinat	Victoria, B.C	KCNN	Speedway	Waymouth N.S	TAN D.C
orthmount	Montreal, Que	H H N D	Stella II.	Downsham N.C.	T W D.S
orthumberland	Charlottetown, P.E.I	T.O.N.O.	Stormont	Manager Control of the Control of th	I.M.V.P
				Montreal, Que	11.P.M.1
inda	Liverpool, N.S	W.D.P.L.	Sunset Glow	Shelburne, N.S	T.M.N.A
ntario	Windsor, N.S	Q.N.S.G.	Tagona	Toronto, Ont	11.M.Q.1
phelin	Shelburne, N.S	W.M.B.C.	Tanagra	St. John, N.B	R.H.G.
andosia	St. John, N.B		Tees	Vietoria B.C.	N.T.B.W
arima	Montreal, Que	L.J.C.N.	Tepic	Vancouver, B.C	J.B.D.P
esaquid	Maitland, N.S.	T.M.J.S.	Thomas J. Drummond	Sault Ste. Marie, Ont	T.M.W.J
etite Riviere	Liverpool, N.S	S.F.G.R.	Toiler	Kingston, Ont	H.S.L.G
lymouth	Windsor, N.S	T.D.C.F.	Traveller	St. John, N.B	T.G.H.E
rinee Albert	Prince Rupert, B.C	M.T.P.R.	Trebia	St. John, N.B	
rinee Arthur	Yarmouth, N.S	R.D.V.J.	Tuna	Montreal, Que	T.M.J.Q
rince George	Yarmouth, N.S.	Q.K.B.S.	Turret Court	Montreal, Que Vancouver, B.C	P.M.J.L.
rince John	Prince Rupert, B.C	H.Q.M.K.	Turret Crown	Vancouver, B.C	N.T.S.L
rincess	Charlottetown, P.E.I Vancouver, B.C	T.Q.W.B.		Halifax, N.S	
rineess May	Vancouver, B.C	P.V.N.Q.	Varuna	Quebec, Que	Q.H.N.V
rineess Patricia	Vietoria, B.C	H.V.D.J.	Venture	Victoria, B.C	H.Q.N.S
riscilla	Liverpool, N.S	S.D.Q.M.	Virginie	Quebec, Que Victorin, B.C. Quebec, Que La Have, N.S. Windsor, N.S. Annapolis Royal, N.S.	W.N.Q.I
ydwen	Shelburne, N.S	T.Q W.S.	Vogue	La Have, N.S	T.M.S.P
aeewel	Weymouth, N.S	T.M.W Q.	W. H. Baxter	Windsor, N.S	W.M.C.I
alph T. Parsons	Windsor, N.S.	T.M.V.S.	W. M. Richard	Annapolis Royal, N.S	T.O.W.I
anger	Gaspe, Que	T.F.G.D.	War Dog	Vancouver, B.C	T.M.Q.I
eginolite		T.M.V.R	War Wasp	Pietou, N.S.	T.M.V.C
yond'or	Halifax, N.S	H.W.L.D.	Water Witch	Liverpool, N.S	H.P.L.K
ebecca L. Mac-			Wethersfield	Montreal, Que	T.M.K J
Donald	Digby, N.S	T.N.B.J.	Wild Wave	Liverpool, N.S	T.G.Q.F
eine Victoria	Quebec, Que,	T.K.W.C.	Wilfred Marcus	Shelburne, N.S.	TMIC
envovle	Toronto, Ont	J.L.W.P	William Melbourne	Shelburne, N.S Parrsboro, N.S	TMVF
etlaw	Sarnia Ont	TIOM	Wm. Thos. Moore	Halifax, N.S.	LWWT
ewa	Sarnia, Ont Parrsboro, N.S St. John, N.B.	TCNP		Hamilton, Ont	
ichard Simonds	St John V B	SCVD	Winthewar	Liverpool, N.S	T.M.W.I
oman	Vaneouver, B.C	HKWI	Wron	Canso, N.S	P.D.L.W
1.1.	Hamilton, Ont	L' D T N	Y-was and b	Yarmouth, N.S Windsor, N.S.	T. T. D. W.

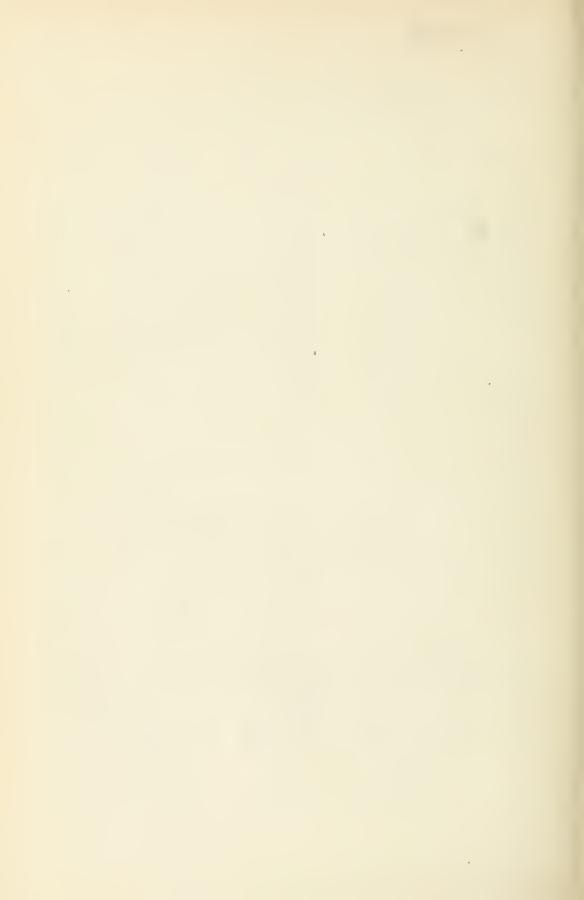
# 8 GEORGE V, A. 1918

British Ships Registered in Canada to which distinguishing signals have been allotted, arranged in order of signal letters.

C:1	Name of Ship	Official	Signal	Name of Ship	Official
Signal letters		number.	letters		namber.
	Port of Registry			Port of Registry.	
Н.В.Р.К .	Bermudian of Montreal, Que	120477	LT Q V	Cape Breton of Montreal, Que	97808
HRTF	Chilco of Vancouver, B.C	87034	L.V.G T	Nevada of Montreal, Que	95225
H.C.B.S H.C.V.L H.D.V.N	Christine of Ottawa, Ont.	121212 86714	L.V.NB. MC.HQ.	Aranmore of Ottawa Empress of Japan of Vancouver,	98579
H.D.V.N	Bessie Dollar of Vancouver, B.C.	121272 122851		B C Corunna of Montreal, Que	98911 99224
H.G.V.F H.K.W.J	Winona of Hamilton, Ont Roman of Vaneouver, B.C.	124774	M. H. R. P	Severn of Windsor, N.S	85448
H.L.D.P H.L.KS	Guiana of Montreal, Que	125603 123324		Canada of Windsor, N.S Calburga of Maitland, N.S	100262 90478
H.L.R.N.	Keaora of Toronto, Ont	124235	M.P.J.S	Azov of Toronto, Ont	99402
H.M.N.B.	Northmount of Montreal, Que		M P.V.W M.Q.N.S	Inversnaid of Montreal, Que.	99639 99675
H.M.Q.R. H.M.V.R	Tagona of Toronto, Ont. Camosum of Vancouver, B.C.	121204	M R D.G	Canada of Vancouver, B.C. Golden Rod of Windsor, N.S.	100271
H.N C B.	J. A. MaKee of Sault Ste. Marie,	F25442	M.T P.R	Prince Albert of Prince Rupert,	99584
H.N.C.G	Ont Kinmount of Montreal, Que	128218		Melmore of Vancouver, B C	99833
H.N.S.B	Simcœ of Ottawa, Ont	125456 125773	N.C.V.J N.F.G.T	Skoda of Windsor, N.S Impricaria of Vancouver, B.C	100733 99710
H-P.L.C H-P.L.K	Mina Brea of Toronto, Ont	112004		Amelia of Magdelen Islands, Que Cruizer of Halifax, N.S	104069 104606
H P.L.K H P.L.M	Water Witch of Liverpool, N.S G.T.D. of Quebec	97096	N.T.B.W	Tees of Victoria, B.C	95929
HPLV.	Mildred of Sydney, N.S	122314	N.T.S.L N.V.K.R.	Turret Crown of Vancouver, B.C Inverneill of Montreal, Que	104279 104512
H.P.M.C .	The Gay Gordon of Shelburne,	122286	N.V.S.J	Cascapedia of Quebec, Que	104632
H P.M D H P M G	Stormont of Montreal, Que Lillooet of Vietoria, B.C.	122409	P.D.L.W. P.K T H	Wren of Canso, N.S Fresheld of Montreal, Que	104200 106022
HPMK	Katherine V. Mills of Annapolis		P.M.J.L	Turret Court of Montreal, Que	106608
H P.Q R	Newona of Montreal, Que.	126012	Q.C.P.J.	Princess May of Vancouver, B.C., Imperial of Sarnia, Unt	109860 108346
11 Q M K	Prince John of Prince Rupert, B.C.	129472	Q C W.M	Lord Dufferin of Montreal, Que	108624
HQNS HQPW	Venture of Victoria, B.C		Q.H.N.W., Q.K.B.S.,	Varuna of Quebec, Que. Prince George of Yarmouth, N.S.,	85758 110003
H R W Q	Harold Dollar of Victoria, B.C	129531	Q.M.N.C.	Lillie of Maitland, N.S Ontario of Windsor, N.S	100338
H.S.B.L H.S.L.G	Gwennith of Ottawa, Ont	129159 129767	Q N S G . Q.S L.R	Iperia of Montreal, Que	72190 110544
H S.N M	Toiler of Kingston, Ont Seal of Windsor, N.S. Halifax of Halifax, N.S.	129556	OLZC	Monteagle of Vancouver, B.C	110554
HTFN HTWG.	Lingar of Halifax, N.S Lingar of Montreal, Que		R C H W R D S.M	Lady of Gaspe of Quebec, Que. Ivigtat of Quebec, Que.	78554 74292
HVDJ	Princess Patricia of Victoria, B.C.	115685	H D V J	Prince Arthur of Yarmouth, N.S.	110131 33476
HVMS HWJN	Hochelaga of Montreal, Que	132745	R.F.L.Q R G C W.	Beauliarnois of Ottawn, Ont Newington of Vancouver, B.C.	110697
H.W L.D. J.B.D P	locoma of Sarnia, Ont Rayon d'or of Halifar, N.S Tepic of Vancouver, B.C		R G V.B R H G.M	Lord Ormande of Quebec, Que Tanngra of St. John, N.B.	110506 110601
J.B W D	Imperoyal of Sarnia, Unt		R H.Q C .	Grospesien of Ourbee, Que	70228
J.B.S.Q	Empress of Russia of Vancouver, B.C.	135107	R.P.Q.B R.W.L.K	Pandosia of St. John, N.B. Adeline of Liverpool, N.S.	110649 36609
JCK.F	Empress of Asia of Vancouver, H.C.	135226	S.B.H C	Donnacona of Hainitton, Unt	110363
J C.K R	Glenmavis of Midland, Ont		S.C.V.D S.D.Q.M	Richard Simonds of St. John, N.B. Priscilla of Liverpool, N.S.	37172 37374
JCNM JCTR	Lux Blanca of Toronto, Ont	135259	.S.F.C.W	Neptune of Liverpool, N.S	37470
1 C A L 1 C L O	Glenfoyle of Midland, Ont Honoreva of Montreal, Que	135641 134700	S.F.G.R S.F.H.V	Petite Riviere of Liverpool, N.S. Jessie Brown of Charlottetown P.	37497
J.L.S.B	Scotin II of Ottawa, Ont			E 1.	37314 78988
J.L.W.P J.M.C.Q	Armonia of Montreal, Que.		S.G.M.H. S.J.T.K	Bristol of Windsor, N.S., Margaret of Ship Harbour, N.S.,	38362
JMND	Armonia of Montreal, Que First Prize of Montreal, Que	132760	S.K.C.D . S.K.C.F	Messenger of Arichat, N.S Dolphin of Arichat, N.S	39417 38418
JMWD JNKR	Wm Thos Moore of Halilax, N.S. Ada Tower of Parrsbora, N.S.		S K.C.V	Lady Evelyn of Quebec, Que	109680
1 P. F. A.	C. W Janes of Quebec	145.44	S.K.R.M S.M.W.K	Fortune of Sydney, N.S Elizabeth of Charlottetown P.E.L.	38589 39113
JQF.M	Garthelyde of Montreal, Que.	82960	S.N.V.R	Sellanin of St. John, N.H	113495
JRPC JSC.T	Severa of Charlottetown, P.E.L Salvor of Victoria, B.C	88618	S.W.H.P T.C M D.	Egeria of St. John, N.B	80009 94735
JSMQ KCNM	Natachquan of Quebec, Que	6259%	T.C.M L	Enseands of Windsor, N.S. Lovisa of Windsor, N.S.	97189
KCNM	Nitinat of Victoria, B C	91255	T.C.N.P	Gloosenp of Windsor, N.S. Rewn of Parraboto, N.S.	100108 100511
KFNM	Korona of Montreal, Que. Charles E Lefurgey of Charlotte-		TCNQ	Northumberland of Charlottetown	
KIIMC.	town, P.E.I. Emma R. Smith of Windsor, N.S.	88658 85439	TDCF.	P E 1 Plymonth of Windsor, N S.	96937 80801
KJHW	Hamburg of Windsor, N.S	92492	T F.G D	Hanger of Grupe, Que	41568
K I. P V . K R J T	Yarmouth of Yartmouth, N S Macassa of Hamilton, Ont		T.G H B T.G H D	Traveller of St. John, N. B. Flying Cloud of St. John, N. B.	41821 41823
KRTN	Resedule of Hamilton, Out .	95265	TGQF.	Flying Cloud of St. John, N.B. Wild Wave of Liverpool, N.S.	41929 99478
K V C R K W J T	Habins, of Habins, N.S. Mansman of Montreal, Que	93425	THRE	Lord Straheona of Quebec, Que Trebia of St. John, N. B.	115272
LCFM	Bayfield of Ottawa, Ont	96049	TIQM	Retlaw of Saraia, Ont Therville of Gaspe, Que	115131 42425
LDFC	Lockwood of St. John, N.B. Parims of Montreal, Que	96643	TKWC	Reine Victoria of Quebec, Que	42707
LQTF	Amur of Vancouver, B C	94073	TMJB	Strobs of Vancouver, B C	97766

British Ships Registered in Canada to which distinguishing signal have been allotted, arranged in order of signal letters.

Simol	Name of Ship	Official	Signal	Name of Ship	Official
Signal letters.	Name of iship	number.	letters.		number.
	Port of Registry.			Port of Registry.	
T.M.J.C	Wilfrid Marcus of Shelburne, N.S	134173	T.M.W.P T.M.W.Q	Winthewar of Liverpool, N.S	138198
T.M.J.H	Annie L. Warren of Weymouth,	130513	T.M.W.Q T.M.W.R	Winthewar of Liverpool, N.S Racewel of Weymouth, N.S Annie B. Anderson of Parrsboro,	138445
T.M.J.N	Canada of Ottawa, Ont	116870		1 N.S	138474
T.M.J.P T:M.J.Q	Magaret of Ottawa, Ont. Tuna of Montreal, Que	135668 115849	T.M.W.S	Angouleme of Montreal, Que E. H. Wharton Davies of Parrs-	138211
T.M.J.R	A. B. Barteaux of Windsor, N.S.	117169		boro, N.S	138475
T.M.J.S T.M.J.W	Pesaquid of Maitland, N.S., Gilbert Islands of Liverpool, N.S.	116558 131208	T.N.B.C	N.S	138564
T.M.K.C T.M.K.D T.M.K.G T.M.K.H	Bellas of Quebec, Que. Daniel M. Munro of Windsor, N.S. Hocking of Halifax, N.S Hamborn of Halifax, N.S	138081	T.N.B.F T.N.B.G	Beatrice Castle of Victoria, B.C. Misty Star of Shelburne, N.S	138774
T.M.K.G	Hocking of Halifax, N.S	112065 102730	T.N.B.J	Rebecca L. MacDonald of Digby,	
T.M.K.H T.M.K.J	Hamborn of Halifax, N.S Wethersfield of Montreal, Que	134464 114445	T.N.B.K	N.S. Kathleen Crowe of St. John, N.B.	138585
T.M.N.P	Malaspina of Ottawa, Ont	136044	T.N.B.M	Ruby W. of Liverpool, N.S	138199
T.M.N.Q	Galiano of Ottawa, Ont	136047 129479	T.N.B.Q	Charles A. Ritcey of Lunenburg, N.S.	138555
T.M.N.Ř T.M.N.S	Edith M. Cavell of Shelburne, N.S.		T.N.B.R	Integral of Lunenburg, N.S	138554 138449
T.M.N.W	Sunset Glow of Shelburne, N.S.,	138202 138203	T.N.V.B	Speedway of Weymouth, N.S La Canadienne of Ottawa, Ont	82778
T.M.N.W T.M.P.C T.M.P.D	Lady Grey of Ottawa, Ont A. E. McKinstry of Montreal, Que.	122014	T.Q.L.S T.Q.M.F	Senlac of St. John, N.B	112239 112329
T.M.P.G T.M.P.K	Admiral Drake of Shelburne, N.S.	138205	T.Q.N.K	[Chrissie C. Thomey of Ottawa,	,
T.M.P.K T.M.P.L	Royalite of Sarnia, Ont	134514	TOWE	Ont Princess of Charlottetown, P.E.I.	127672 103595
T.M.P.Q	Sarnolite of Sarnia, Ont	134515	T,Q.W.E T.Q.W.F	F. C. Lockhart of St. John N.B	126018
T.M.P.S T.M.P.V	Minnie G. Parsons, Windsor, N.S Mabel Brown of Vancouver, B.C.	130254 138351	T.Q.W.J	Lady Sybil of Magdalen Isds., P.Q	85406
T.M.P.W	Margaret Haney of Vancouver, B.C.	138353	T,Q.W.L	W M Richard of Annapolis Royal	
T.M.P.W T.M.Q.K T.M.Q.B	Acadian of Montreal, Que Geraldine Wolvin of Vancouver,	124258	T.Q.W.N	N.S. David C. Ritcey of Lunenburg,	126598
	Laurel Whalen of Vancouver, B.C.	138354 138367		N.S.	133812 131097
T.M.Q.C T.M.Q.D	Jessie Norcross of Vancouver, B.C.	138368	T.V.D.W	N.S. Prydwen of Shelburne, N.S. Scotsman of Halifax, N.S. Falka, Lunenburg, N.S.	116114
T.M.Q.F	Janet Carruthers of Vancouver, B.C	138369	T.Q.W.S T.V.D.W T.W.N.B V.D.M.R	Falka, Lunenburg, N.S	130734 118615
T.M.Q.G	Mabel Stewart of Vancouver, B.C.	138684	V.H.K.G	British Columbia of Vancouver,	
T.M.Q.H T.M.Q.N	War Dog of Vancouver, B.C Canadian of Montreal, Que Exilda of Parrsboro, N.S	125427	V.L.K.C	B.C. Florence C. Lawrence of Port Haw-	119063
T.M.Q.R T.M.Q.S	Exilda of Parrsboro, N.S	125966	V.L.Q.B	kesbury, N.S. Louisburg of Montreal, Que	46907 83582
	N.S	130503	V.S.P.W	Gulnare of Ottawn, Ont	97071
T.M.S.N T.M.S.P	Marie Barnard of Vancouver, B.C.	138690 138209	W.C.K.N	Guinare of Ottawn, Ont.  Dunure of Sydney, N.S.  Alert of Weymouth, N.S.	78858 94823
TMSO	Silver Oneen of Muitland N.S.	116559	W.D.L.N	Carlotta G. Cox of Vancouver, B.C.	97154
T.M.S.R T.M.S.W T.M.V.C T.M.V.D T.M.V.H T.M.V.J	Frank R. Forsey of Liverpool, N.S. Frances Louise of Luncaburg, N.S.	138196 138546	W.D.L.J. W.D.L.N. W.D.L.P. W.D.M.II. W.D.M.S.	E. B. Marvin of Halifax, N.S Lansdowne of Ottawa, Ont	94310 90604
T.M.V.C	War Wasp of Pictou, N.S	103810	W.D.M.S W.D.P.G	Bravo of Shelburne, N.S. Bravo of Lunenburg, N.S. Olinda of Liverpool, N.S. Chasina of Vancouver, B.C.	103785 103497
T.M.V.H	Chiralité of Toronto, Ont	138536	W.D.P.L	Olinda of Liverpool, N.S	107275
T.M.V.J		138208	W.D.V.G W.II.C.G	P. vadre of Picton N.S	85075 100705
T.M.V.K	Stella H of Parrsboro, N.S	200100	177 TT TO TO	M. J. Taylor of Quebec, Que E. A. Sabean of Port Mcdway, N.S	111676
T.M.V.N	Beechland of Annapolis Royal,	138431	W.H.D.R	Coban of Montreal, Que	90839 86071
T.M.V.P	William Melbourne of Parrsboro,	100000	W.H.D.R W.H.D.R W.H.N.K W.K.N.J W.K.N.V W.K.P.N W.K.P.R	Coban of Montreal, Que	83313 100168
T.M.V.Q	N.S. Esther Adelaide of Parrsboro, N.S.	133900 138471	W.K.P.N	Zeta of Windsor, N.S. Burleigh of Halifax, N.S.	112058
T.M.V.R	Reginolite. Ralph S. Parsons of Windsor, N.S.	120056	W.K.P.R	Burleigh of Halifax, N.S	116450 111690
T.M.V.S T.M.V.W	Lewis Brothers of Halilax, N.S	138347	WMBP	Opbelia of Shelburne, N.S	112321
T.M.W.B	Ainslie of Liverpool, N.S	130243	WMCD	Institute of Apparolis Royal N.S.	112001 117162
T.M.W.C T.M.W.F T.M.W.11	Ariceen of Livernool, N.S.	138197	W.M.C.P	W. H. Baxter of Windsor, N.S Edna V. Pickels of Annapolis Royal, N.S	112003
T.M.W.II	War Fish of Port Arthur, Ont Thomas J. Drummond of Sault Ste Marie, Ont	138008	IW.N.J.D.	Amherst of Charlottetown, P.C.L.	78142
T.M.W.K	Ste Marie, Ont	126863	W.N.Q.R W.Q.R.V	Virginie of Quebec, Que City of Ghent of Halifax, N.S	51537 63145
T.M.W.L	E. E. Armstrong of Windsor, N.S.	130257	W.T.L.H	Ada Peard of Halifax, N.S	73258
T.M.W.N	Jean Steedman of Victoria, B.C.,	134658	1		



# SUPPLEMENT

TO THE

FIFTIETH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES FOR THE FISCAL YEAR 1916-17. (MARINE.)

# STEAMBOAT INSPECTION REPORT

PRINTED BY ORDER OF PARLIAMENT

# SUPPLÉMENT

AU CINQUANTIÈME RAPPORT ANNUEL DU MINISTÈRE DE LA MARINE ET DES PÊCHERIES POUR L'EXERCICE 1916-17. (MARINE.)

# RAPPORT

SUR

# L'INSPECTION DES BATEAUX À VAPEUR

IMPRIMÉ PAR ORDRE DU PARLEMENT



OTTAWA J. de LABROQUERIE TACHÉ PRINTER TO THE KING'S MOST EXCELLENT MAJESTY

1918

[No. 23-1918.]-

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OTTAWA, October, 1917.

Hon. J. D. HAZEN,

Minister of Marine and Fisheries.

Sir,—I have the honour to submit the Supplement to the Fiftieth Annual Report of the Department of Marine and Fisheries (Marine Branch) for the fiscal year 1916-17, being the Report of the Chairman of the Board of Steamboat Inspectors.

I have the honour to be, sir,

Your obedient servant,

A. JOHNSTON.

Deputy Minister of Marine and Ftsheries.

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I have the honour to be, sir,

Your obedient servant,

A. JOHNSTON,

Deputy Minister of Marine and Ftsheries.

Ottawa, octobre 1917.

Hon. J. D. HAZEN,

Ministre de la Marine et des Pêcheries.

Monsieur,—J'ai l'honneur de vous soumettre le rapport du président du Bureau d'inspection des bateaux à vapeur, publié en supplément au cinquantième rapport annuel du ministère de la Marine et des Pêcheries (Direction de la Marine marchande) pour l'exercice financier 1916-17.

J'ai l'honneur d'être, monsieur, Votre obéissant serviteur,

A. JOHNSTON,

Sous-ministre de la Marine et des Pêcheries.



### BOARD OF STEAMBOAT INSPECTION.

Ottawa, November 16, 1917.

To the Deputy Minister of Marine and Fisheries, Ottawa, Ont.

Sir,—I have the honour to submit, as follows, the annual report of the Steamboat Inspection Service, for the fiscal year ending March 31, 1917.

### STAFF.

Capt. W. R. Bennett, of St. John, was appointed, after examination, by Order in Council dated August 12, 1916, to the position of inspector of hulls

and equipment of steamboats at that port.

Messrs. H. G. Robinson and A. E. Hopper, of Vancouver, and W. J. Cullum and B. Mantrop, of Victoria, who hold appointments as inspectors of boilers and machinery, successfully passed examinations for the positions of inspectors of hulls and equipment and were appointed as such. These officers now act in the dual capacity of boiler inspector and hull inspector, thus greatly facilitating the inspection work in British Columbia.

I have to report the resignation of Mr. E. W. McKean, inspector of boilers and machinery at Collingwood. Mr. McKean's resignation took effect on March 1, 1917, and terminated sixteen years of honourable service with the

Steamboat Inspection Branch.

#### BOARD MEETINGS.

During the year a number of Board meetings were held, these being chiefly in connection with the application of the Life Saving Appliances Rules.

#### CASUALTIES.

The following are the casualties reported from the several divisions during the year ending March 31, 1917.

### NOVA SCOTIA DIVISION.

In August, 1916, the ss. Island Gem of Yarmouth, while towing in Minas

channel struck cape Split and became a total loss. No lives lost.

On October 8, 1916, the ss. Stephano of Liverpool, G.B., plying between Halifax, Newfoundland and New York, was torpedoed off New York. Passengers and erew saved. but ship a total loss.

In December, 1916, the ss. Dawson of Shelburne, N.S., collided with wharf

at Lockport, N.S., and sank.

On January 17, 1917, the dredge P.W.D. No. 6 (Cape Breton) while being towed by ss. Lisgar from Lunenburg to Sydney during a heavy gale broke her hawser and struck on Shag rock off Whitehead, Guysboro, N.S. The ship was a total loss, nine men lost.

On March 13, 1917, the ss. Algonquin, sold to parties in New York, was

torpedoed off the English coast.

## NEW BRUNSWICK DIVISION.

On December 27, 1916, the ss. Connors Bros while getting under way at St. Andrews, broke her rudder stock. The ship was towed to St. John where permanent repairs were carried out. No lives lost.

On December 10, 1916, the ss. *Hampstead* was partially destroyed by fire

while Iving in winter quarters at St. John.

On July 28, 1916, steam tug Mildred while working in St. John harbour, by some unknown cause fractured the H.P. piston and rod. Permanent repairs

effected. No injuries reported.

On July 27, 1916, the ferry steamer Governor Carleton while on her route struck a submerged piece of debris and broke her tailshaft. A new shaft was fitted at St. John.

# QUEBEC DIVISION.

On July 19, 1916, the ss. Etoile of Quebec collided with the ss. Hochelaga near point Platon. She was beached to prevent sinking and released the next day and towed to Quebec for repairs. No lives lost.

On October 30, 1916, the ss. Queen of Quebee ran ashore at St. Catherine bay. The ship was afterwards released and taken to Quebec for repairs. No

lives lost.

### Sorel Division.

On August 5, 1916, the yacht Botrel sank at Grondines, P.Q., at five a.m. She was alongside a scow loaded with stone and during the night the scow leaked and taking a list, dumped a part of the stone on the Botrel, sending her to the bottom in about 25 to 30 feet of water. She was afterwards raised but is considered a total loss. No lives lost.

In September, 1916, the gasoline boat Ptit Jean of Sorel, while on a trip from Grandes Piles to LaTuque, was destroyed by fire caused by gas from

explosion of carburetor. No lives lost.
On October 4, 1916, the tug *Chambly* struck an elevator dredge, and sank in about 30 feet of water at cap Laroche. She was afterwards raised and put on the marine railway at the Government shippard, Sorel, and the necessary repairs made to the hull, engine and boiler. No lives lost.

On October 24, 1916, the freight barge R. Paul was totally destroyed by fire with her cargo of freight for Chambly in Sorel harbour. The cause of fire

supposed to be from the stove in the forecastle. No lives lost.

On November 15, 1916, the freight barge Zephir P entered the Nicolet river early in the morning, encountered ice about 11/2 inches thick, and not being sufficiently protected, was cut through and sank in about 15 or 20 feet of water. The boiler and machinery were later taken out of hull, the rest abandoned. No lives lost.

About November 15, 1916, the hoist dredge W. Robidoux, being on her spuds in the St. Francois river, was cut through during the night by drifting ice pushed

by a fast drift and sank. No lives lost.

## Montreal Division.

On July 27, 1916, the ss. G. B. Greene of Ottawa, while lying at the wharf was burned at Quyon. Cause of fire not known. Four lives lost.

On September 25, 1916, the screw freight steamer Roberval of Ottawa,

was lost in a gale on lake Ontario. Two lives lost.

## KINGSTON DIVISION.

On June 20, 1916, the ss. Storemount, of Montreal, while on a coasting voyage, stranded on Gull ledge, N.S. No lives lost.

On June 28, 1916, the ss. *Meteor*, of Ottawa, while on her regular trip from Temiskaming to Haileybury struck a rock and sank, causing some damage to the hull, which afterwards repaired on dock at Haileybury. No lives lost.

On October 3, 1916, the ss. Simla, of Montreal, while on a trip to Montreal, laden with coal, ran into a fog bank in the narrows above Brockville, at Royal island, where she struck a rock causing serious damage to the hull and sank immediately. She was raised and placed in drydock, where permanent repairs were effected. No lives lost.

# TORONTO DIVISION.

On August 15, 1916, the ss. Otanabee was totally destroyed by fire at Big

Bay point, lake Simeoe.

On August 19, 1916, the ss. Saronic was partially destroyed by fire at Cockburn island, lake Huron, the wreck was sold to parties at Milwaukee, Wis., the boilers and engines removed and the hull converted into a tow barge.

On September 4, 1916, the tug Fred Davidson foundered on Georgian bay

near Byng Inlet.

On September 24, 1916, the pleasure yacht Sky Pilot was totally destroyed by fire near Gravenhurst, Ont.

On October 19, 1916, the fishing tug Gambler was partially destroyed by

fire at Port Dover, Ont.

On November 21, 1916, the tug T. F. Battle was partially destroyed by fire

at Thorold, Ont.

On November 23, 1916, the fishing tug *Ariadne* sprang a leak on lake Erie; she was beached and abondoned on point Pelee. The engine and boiler were removed.

## Collingwood Division.

Nil.

### PORT ARTHUR DIVISION.

On August 20, 1916, the ss. St. Ignace, while in dry dock of the Western Dry Dock and Shipbuilding Company, of Port Arthur, was destroyed by fire from an unknown eause. Hull was badly damaged and ship a total loss. No lives lost.

#### KENORA DIVISION.

On May 15, 1916, the tug *Chieftain*, of Winnipeg, while going out of the mouth of the Red river struck on a bar and stranded. The owners managed to get the boiler out, but the hull and machinery were buried in the sand.

On June 26, 1916, the ss. *Panther*, of Port Arthur, while going east loaded with grain near White Fish point, on lake Superior, collided with ss. *J. J. Hill* and sank. Ship a total loss. No lives lost.

### Edmonton Division.

On June 15, 1916, the steam tug Archibald while riding at anchor on Lesser Slave lake with no crew on board filled and sank. The ship has been raised and will be repaired.

On August 10, 1916, the steam tug Primrose was driven ashore on Potatoc

island in lake Athabasca during a heavy squall and became a total wreck.

# VANCOUVER DIVISION.

On November 1, 1916, the fishing steamer Roman, of Vancouver, when proceeding to the fishing grounds, after leaving Prince Rupert, struck rocks near Key reef, Clarence straits, in the early morning, it being dark and hazy with occasional heavy rain squalls. As the tide receded the vessel keeled over and slid off into deep water and sank. The crew escaped and no lives were lost.

On January 26, 1917, the ss. Prince John, of Prince Rupert, when proceeding through Wrangell straits on a voyage from Prince Rupert to Juneau, Alaska, struck rocks of Rock point, doing considerable damage to the hull. The vessel was afterwards floated off and taken to Vancouver where extensive repairs were

made.

On January 31, 1917, the ss. Empress of Japan, of London, when proceeding from Victoria to Vancouver collided with the ss. Belridge off Trial island in dense fog. The Empress of Japan sustained damage to lifeboats and davits and slight injury to her hull. The Belridge was also damaged about her upper works. No person was injured.

## VICTORIA DIVISION.

On August 30, 1916, the ss. *Princess Maquinna* struck a rock in the north west entrance to Howe sound. The vessel floated with the rising tide three hours after stranding, and was able to proceed to Victoria where repairs were carried out.

On September 9, 1916, the ss. Queen City, bound for points on the Gull island route, with passengers and a general cargo of merchandise, was seriously damaged by fire, the main deck being completely gutted fore and aft. The ship was beached at Hospital point. Victoria harbour, the passengers and crew being removed on the Marine and Fisheries launch.

On February 1, 1917, the tug *Pilot* of Victoria, B.C., cleared from Salina Cruz, carrying a consignment of rubber hose for the steamer *Scsostris* lying ashore at Ocos, Guatemala, the trip generally taking about 22 hours. Nothing has been heard of the *Pilot* since and it is presumed she foundered with all hands.

On February 7, 1917, the ss. *Princess Patricia* from Nanaimo to Vancouver, stranded on Point Grey beach during a thick fog. The vessel floated with the tide and proceeded to Vancouver leaking slightly, subsuquently leaving for

Victoria, repairs being affected there.

On March 23, 1917, the ss. *Prince Rupert* bound from Prince Rupert to Vancouver, Victoria and Seattle, stranded on Genn islet, Chatham sound, at high tide, sustaining serious damage. The vessel was floated and taken to Esquimalt for repairs.

I have the honour to be, sir,

Your obedient servant,

T. R. FERGUSON, Chairman.

Steamboat Inspection Staff for the Dominion of Canada during the fiscal Year ended March 31, 1917.

# INSPECTORS OF BOILERS AND MACHINERY.

Name of Inspector.	Headquarters.	Division.
D. J. Murray. C. E. Dalton. J. A. Samson. F. X. Hamelia. John T. Gardham J. E. Lunaa. T. P. Thompsoa. J. Dodds. J. B. Stewart G. M. Arnold 1 E. W. McKean. W. J. Vigars. 2 G. P. Phillips. J. T. Mathews. A. E. Hopper. H. G. Robinson.	Montreal, P.Q  Kingston, Ont Toronto, Oat  " Collingwood, Ont Port Arthur, Ont Kenora, Ont Edmonton, Alta Vancouver, B.C.  Victoria, B.C.	Quebec. Sorel. Montreal.  Eastern Ontario. Western Ontario, Toronto.  " " Collingwood. " Port Arthur. and Manitoba. Saskatchewan, Alberta and N.W.T. British Columbia and Yukoa.  British Columbia.

# INSPECTORS OF HULLS AND EQUIPMENT.

A. McDongall	Halifax, N.S	Nova Scotia
I. J. Olive	St. John, N.B	New Brunswick and P.E.I.
Capt. W. R. Beanett	"	44
P. Duclos	Quebec, P. Q	Quebec.
M. R. Davis	Kingston, Ont	Eastern Ontario.
W. Evans	Toronto, Ont	Western Ontario, Toronto.
S. D. Andrews	Collingwood, Oat	" Collingwood. " and Manitoba. Saskatchewan, Alberta and N.W.T.
G. P. Phillips	Kènora, Ont	" and Manitoha.
J. T. Mathews	Edmonton, Alta	Saskatchewan, Alberta and N.W.T.
A. E. Hopper	Vancouver, B.C	British Columbia and Yukon.
H. G. Robinson		British Columbia and Yukon. British Columbia.
W. J. Cullum	Victoria, B.C	British Columbia.
B. Mantrop	44	16

## INSPECTORS OF SHIPS' TACKLE.

D. J. Murray Halifax, N.S. J. M. Martin St. John, N.B. 3 Eugene D. Ring Montreal, Que. 4 A. Martin Montreal, Que.	
---	--

<sup>1</sup> Since resigned.
2 Since deceased.
3 Appointed temporarily vice J. M. Martin on active envice.
4 Since resigned.

TABLE showing the number of Inspections made, Fees collected, etc., during the Year ending March 31, 1916.

Number of Inspections made, Number of Vessels and Circse Tourings of Vessels Inspected and Inspected	- 1	Number of	her el	(Vessels	Verse	Total number of Vessels subject to Inspection when in	Numb	Number of vessels	Numl Lost,	Number of Vossels Lost, Broken Up or	Fees col	Fees collected by
Vessels registered or Vessels registered or Tonnage Dominion owned elsewhere		Tonnia Tonnia	Tonna Tonna	Fose	Com	Commission, with Gross Tonnage	T	nion with Gross Tonnage.	Con	Destroyed, with Gross Tonnage.	Ind	Іпкрестоги.
Gross Tonnage No Gross Tonnage No Gross	%		ž	Gress Tonnage.	No.	No. Gross Tonnuge.	- °.	Gross Tonnage.	. No	Стога Топпиде.	On account of Inspections.	On account of Examina- tions of Engineers.
											\$ cts	\$ cts.
17 59, 298 21	Ci		64	3, 252	F07	132,891	¢3 ·	20,357	10	113	2,126 56	195 00
03 10	03 10			1,130	200	62, 227 98, 471	7	2000	01 45	2 to 10		98 00
		_		4.691	135	63,877	- D	3,221	N.º	436		116 00
1 5,556 79	5,556		77	41,255	259	85, 195	7	3,181	7	1,666	105 50	139 00
15 13,347 37	13,347 37		2.1	2,815	175	55, 721	7	21 t	ıçı	212		73 00
45 44,009 98	41,009		3.5	2 067	144	541,277	200	13,857	- c	N		185 00
600	38		67	128	107	52,841	71	1,730	51	3,187	45 68	11 00
	31		~	510	105	8,841			62	3,274		14 00
22	21			196	39	5,020	es .	1,270	=	200		13 00
20 79,720 45	10		96	531	302	159,285	6	8,506	23	5,651		259 00
23 27,215 39	39		5.	6,088	176	80,367	es	1,543	э.	1,311	695 52	165 00
660,522 140 257,676 514 10	257,676 514		100	109,795	2,417	1,027,093	64	54,063	63	10,488	2,973 26	1,383 00
		-			-							

## BUREAU D'INSPECTION DES BATEAUX À VAPEUR.

Ottawa, le 16 novembre 1917.

Au sous-ministre de la Marine et des Pêcheries, Ottawa.

Monsieur,—Ci-après j'ai l'honneur de vous soumettre le rapport annuel sur le service qui s'occupe de l'inspection des bateaux à vapeur, rapport qui a été dressé pour l'année fiscale qui s'est terminée le 31 mars 1917.

### PERSONNEL.

Après avoir subi des examens, le capitaine W. R. Bennett de St-Jean a été nommé, par arrêté en conseil du 12 août 1916, inspecteur des coques et de l'équipement des bateaux à vapeur, se trouvant dans les eaux dudit port.

MM. H. G. Robinson et A. E. Hopper de Vancouver et W. J. Cullum et B. Mantrop de Victoria, qui sont employés comme inspecteurs des chaudières et des machines, ayant subi avec succès les examens pour l'emploi d'inspecteurs des coques et équipements, ont été nommés à cet emploi. En conséquence, ces fonctionnaires détiennent la double position d'inspecteurs des chaudières et d'inspecteurs des coques, ce qui facilite considérablement l'inspection des navires dans les eaux de la Colombie-Britannique.

J'ai l'honneur de faire rapport que M. E. W. McKean, inspecteur des chaudières et des machines à Collingwood, a donné sa démission, laquelle a pris effet le 1er mars 1917, mettant fin à seize années de services honorables que M. McKean a donnés à l'administration qui s'occupe de l'inspection des bateaux

à vapeur.

### ASSEMBLÉES DU BUREAU.

Au cours de l'année les membres du bureau ont tenu un certain nombre d'assemblées, principalement quant à l'application des règlements concernant l'emploi des dispositifs de sauvetage de la vie humaine.

### ACCIDENTS.

Ci-après, nous signalons les accidents survenus et dont a fait rapport le personnel des multiples divisions que comporte notre service, au cours de l'année terminée le 31 mars 1917.

### Division de la nouvelle-écosse.

En août 1916, le vapeur *Island-Gem* de Yarmouth fut jeté sur le cap Split, pendant qu'il faisait du remorquage dans le chenal *des Mines*. Ce navire fut complètement perdu. Pas de perte de vie.

Le 8 octobre 1916, le vapeur Stephano de Liverpool, G.B., qui voyageait entre Halifax, Terreneuve et New-York, fut torpillé au large de ce dernier port. Les passagers et l'équipage purent être sauvés, mais le bâtiment fut complètement perdu.

En décembre 1916, le vapeur Dawson de Shelburne, N.-E., entra en collision

avec le quai à Lockeport, N.-E., et coula.

Le 17 janvier 1917, la drague (Cap-Breton n° 16, D.T.P.) rompit son haussière et frappa la roche Shag au large de White-Head, Guysboro, N.-E., pendant que le vapeur Lisgar la remorquait de Lunenburg à Sydney, par une forte bourrasque. La perte de ce bâtiment fut complète et elle occasionna neuf pertes de vies.

Le 13 mars 1917, le vapeur Algonquin, vendu à des particuliers de New-

York, fut torpillé au large de la côte d'Angleterre.

## DIVISION DU NOUVEAU-BRUNSWICK.

Le 27 décembre 1916, le vapeur *Connors-Bros* brisa son gouvernail, alors qu'il se mettait en route à Saint-Andrews. Ce bâtiment fut remorqué à Saint-Jean, où on lui fit subir des réparations permanentes. Pas de perte de vie.

Le 10 décembre 1916, le vapeur Hampstead fut partiellement détruit par

le feu alors qu'il se trouvait à ses quartiers d'hiver à Saint-Jean.

Le 28 juillet 1916, le remorqueur à vapeur Mildred, pendant qu'il manœuvrait dans le havre de Saint-Jean, brisa, on ne sait comment, son piston de H.P. et sa tige de piston. On lui fit subir des réparations permanentes. Pas d'accident de personne.

Le 27 juillet 1916, le bac à vapeur Governor-Carleton, pendant qu'il voyageait, frappa une épaye submergée et brisa son arbre porte-hélice. A Saint-Jean

on le munit d'un nouvel arbre.

## Division de Québec.

Le 19 juillet 1916, le vapeur Étoile de Québec entra en collision avec le vapeur Hochelaga près de la pointe Platon. Pour empêcher que ledit bâtiment ne coula, on dut le jeter à la côte; il fut renfloué le lendemain et remorqué à Québec pour y être réparé. Pas de perte de vie.

Le 30 octobre 1916, le vapeur Queen de Québec se jeta à la côte dans la baic Sainte-Catherine. Ce bâtiment fut par la suite renfloué et conduit à Québec

pour v être réparé. Pas de perte de vie.

### DIVISION DE SOREL.

Le 5 août 1916, le yacht Botrel coula aux Grondines, P.-Q., à 5 heures du matin. Ce yacht se trouvait accosté le long d'un chaland chargé de pierre; pendant la nuit le chaland contracta une voie d'eau et prit de la baude, ce qui fit qu'une partie de sa cargaison de pierre tomba sur le Botrel qui coula par de vingt-cinq à trente pieds d'eau. Par la suite ce yacht fut renfloué, mais on peut considérer qu'il ne vaut absolument plus rien. Pas de perte de vie.

En septembre 1916, le petit bateau à gazoline Petit Jean, de Sorel, fut détruit par le feu pendant qu'il se rendait de Grandes Piles à La-Tuque. L'origine du feu est attribuée à des gaz fournis par l'explosion du carburateur. Pas de

perte de vie.

Le 4 octobre 1916, le remorqueur Chambly frappa une drague à élévateur et coula par environ trente pieds d'eau au cap à la Roche. Ce navire fut renfloué par la suite et mis sur cale de halage au chantier du gouvernement à Sorel. On

fit subir à sa coque, à sa machine et à sa chaudière les réparations nécessaires.

Pas de perte de vie.

Le 24 octobre 1916, la barge à marchandises *R.-Paul* fut complètement détruite par le feu, ainsi que sa cargaison de marchandises destinées à Chambly. Ce feu dont l'origine est attribuée au poêle se trouvant dans le gaillard d'avant, se déclara dans le port de Sorel. Pas de perte de vie.

Le 15 novembre 1916, la barge à marchandises Zéphir-P., alors qu'elle entrait dans la rivière Nicolet de bonne heure le matin, rencontra de la glace d'un pouce et demi d'épaisseur et comme elle n'était pas suffisamment protégée, contracta une voie d'eau et coula par un fond de quinze à vingt pieds d'eau. Par la suite on retira de la coque la chaudière et les machines de cette barge et on abandonna le reste. Pas de perte de vie.

Le 15 novembre 1916, la drague de levage W. Robidoux, se trouvant immobilisée sur ses béquilles dans la rivière Saint-François, fut frappée durant la nuit par des glaces qui dérivaient rapidement et elle coula. Pas de perte de vie.

### DIVISION DE MONTREAL.

Le 27 juillet 1916, le vapeur G. B. Green d'Ottawa, brûla pendant qu'il se trouvait au quai à Quyon. Origine du feu: inconnuc. Quatre pertes de vics. Le 25 septembre 1916, le vapeur à hélice, à marchandises, Roberval, d'Ottawa, se perdit par une forte bourrasque sur le lac Ontario. Deux pertes de vie.

## DIVISION DE KINGSTON.

Le 20 juin 1916, le vapeur *Stormont* de Montréal, s'échoua sur le récif Gull de la Nouvelle-Ecosse pendant qu'il faisait un voyage de cabotage. Pas de perte de vie.

Le 25 juin 1916, le vapeur *Meteor* d'Ottawa, frappa une roche et coula pendant qu'il faisait son voyage régulier entre Témiscamingue et Haileybury. Au cours de cet accident ce navire endommagea quelque peu sa coque qui fut

réparée au dock d'Haileybury. Pas de perte de vie.

Le 3 octobre 1916, le vapeur Simla de Montréal, qui était chargé de charbon frappa une roche qui avaria beaucoup sa coque et le fit couler immédiatement; alors que traversant un banc de brouillard il se trouvait à l'île Royal dans le passage resséré qui existe en amont de Brockville. Ce vapeur fut renfloué et mis en cale de radoub, où il fut réparé de façon permanente. Pas de perte de vie.

### Division de Toronto.

Le 15 août 1916, le vapeur Otanabee fut totalement détruit par le feu à la

pointe Big Bay, lae Simcoe.

Le 19 août 1916, le vapeur Saronic fut partiellement détruit par le feu à l'île Cockburn, lac Huron; l'épave fut vendue à des particuliers de Milwaukee, Wis. Les chaudières et les machines furent enlevées et la coque convertie en barge de remorque.

Le 4 septembre 1916, le remorqueur Fred-Davidson coula dans la baie

Georgienne, près de Byng-Inlet.

Le 24 septembre 1916, le yacht de plaisance Sky-Pilot fut complètement

détruit par le feu près de Gravenhurst, Ont.

Le 19 octobre 1916, le remorqueur de pêche Gambler fut partiellement détruit par le feu à Port-Dover, Ont.

Le 21 novembre 1916, le remorqueur T. F. Battle fut partiellement détruit

par le feu à Thorold, Ont.

Le 23 novembre 1916, le remorqueur de pêche Ariadne contracta une voie d'eau sur le lac Erié; il dut être jeté à la côte et abandonné sur la pointe Pelée. On a enlevé la machine et la chaudière de ce remorqueur.

## Division DE Collingwood.

Rien à signaler.

### DIVISION DE PORT-ARTHUR.

Le 20 août 1916, le vapeur Saint-Ignace fut détruit par un incendie d'origine inconnue alors qu'à Port-Arthur il se trouvait dans la cale de radoub de la Western Dry Dock and Shipbuilding Company de Port-Arthur. La coque fut très sérieusement endommagée et le perte du bâtiment fut totale. Pas de perte de vie.

### Division de Kenora.

Le 15 mai 1916, le remorqueur *Chieftain* de Winnipeg s'échoua sur la barre pendant qu'il sortait de l'embouchure de la rivière Rouge. Les armateurs parvinrent à enlever la chaudière de ce navire, mais ses coques et ses machines demeurèrent ensablées.

Le 26 juin 1916, le vapeur *Panther* de Port-Arthur, alors qu'il se rendait vers l'est chargé de grain, entra en collision avec le vapeur *J. J. Hill* près de la pointe du Poisson-Blanc sur le lac Supérieur, et coula. Perte totale du navire;

pas de perte de vie.

### Division b'Edmonton.

Le 15 juin 1916, le remorqueur à vapeur Archibald, pendant qu'il était à à l'ancre sur le petit lac de l'Esclave et alors qu'aucun membre de l'équipage ne se trouvait à bord, se remplit d'eau et coula. Ce navire a été renfloué et il sera réparé.

Le 10 août 1916, le remorqueur à vapeur *Primrose* fut jeté à la côte, par forte bourrasque, sur l'île aux Patates du lac Athabasca. Perte totale de ce bâtiment.

### Division de Vancouver.

Le 1er novembre 1916, le vapeur de pêche Roman de Vancouver frappa me roche, de bonne heure le matin, alors qu'il faisait encore nuit; il y avait du brouillard et des averses intermittentes avec bourrasque; l'accident survint près du récif Key du détroit de Clarence et ce, après que le navire eut quitté Prince-Rupert pour se rendre dans les eaux de pêche. A la marée descendante le navire prit de la bande, glissa en eau profonde et coula à pie. L'équipage put s'échapper et il n'y eut pas de perte de vie.

Le 26 janvier 1917, le vapeur *Prince-John* frappa des roches au large de la pointe Rock et avaria considérablement sa coque. Ce vapeur qui est de Prince-Rupert se rendait de Prince-Rupert à Juneau, Alaska, en passant par le détroit Wrangell. Par la suite ce navire fut renfloué et amené à Vancouver où on lui

fit subir de grandes réparations.

Le 31 janvier 1917, le vapeur Empress of Japan de Londres, entra en collision avec le vapeur Belridge au large de l'île Trial par brouillard intense alors qu'il se rendait de Victoria à Vancouver. Les embarcations de sauvetage de la Empress of Japan furent endommagées ainsi que ses bossoirs et quelque peu, sa coque. Le Belridge fut aussi endommagé dans ses œuvres mortes supérieures. Pas d'accident de personne.

### Division de Victoria.

Le 30 août 1916, le vapeur *Princess Maquina* frappa une roche à l'entrée de Howe-Sound. Trois heures après son échouage à la marée montante, ce navire

se retrouva à flot, et il put retourner à Vietoria où on le répara.

Le 9 septembre 1916, le vapeur Queen City avec passagers et marchandises générales fut sérieusement endommagé par le feu, son pont principal ayant été complètement abîmé de l'avant à l'arrière, alors que ce navire voyageait sur la route de l'île Gull. Le Queen City fut jeté à la côte sur la pointe de l'Hôpital dans le port de Victoria. Ses passagers et son équipage furent débarqués par une embarcation à moteur du département de la Marine et des Pêcheries.

Le 1er février 1917, le remorqueur *Pilot* de Victoria, C.-B., partit de Saluna Cruz emportant des manches en caoutehoue destinées au vapeur *Sesostris* qui s'était échoué à Ocos, Guatémala. En général ce voyage dure 22 jours; depuis on n'a plus eu aucune nouvelle du *Pilot*, et l'on présume qu'il a coulé à pic avec

toutes les personnes qu'il avait à bord.

Le 7 février 1917, le vapeur *Princess Patricia* de Nanaïmo, se rendant à Vancouver, s'échoua sur la pointe Grey Beach, par brouillard intense. A marée haute ce navire se remit à flot et il put atteindre par ses propres moyens, le port de Vancouver quoiqu'il fit un peu eau; subséquemment, il se rendit à Victoria où on le répara.

Le 23 mars 1917, le vapeur *Prince-Rupert* se rendant de Prince-Rupert à Vancouver, Victoria et Seattle s'échoua sur l'îlot Genn à marée haute dans Chatham Sound, alors qu'il subit de fortes avaries. Ce navire fut renfloué et

amené à Esquimalt pour y être réparé.

J'ai l'honneur d'être, Monsieur, Votre obéissant serviteur,

T. H. FERGUSON,

Président.

Personnel employé par le gouvernement de la Puissance du Canada, pour l'inspection des bateaux à vapeur, au cours de l'exercice financier terminé le 31 mars 1917.

### INSPECTEURS DES CHAUDIÈRES ET MACHINES.

Noms des inspecteurs.	Bureaux principaux.	Divisions.
D. J. Murray. C. E. Dalton. I. A. Samson. F. X. Hamelin. John T. Gardham I. E. Lunan F. P. Thompson. I. Dodds. I. B. Stewnrt G. M. Arnold F. W. McKean. W. J. Vigars. G. P. Phillips I. T. Mathews. A. E. Hopper II. G. Robinson.	Québec, Qué Sorel, Qué Montréal, Qué Montréal, Qué Kingston, Ont Toronto, Ont Collingwood, Ont. Port-Arthur, Ont Kenora, Ont Edmonton, Alta Vancouver, CB. Victoria, CB	"Nouveau Brunswick et I.P.E. Québec. Sorel. Montréal. Est de l'Ontario. Ouest de l'Ontario, Toronto. " " Collingwood. " Port-Arthur. " et Manitoba. Saskatchewan, Alberta et T.NO. Colombie-Britannique,

## INSPECTEURS DES COQUES ET ÉQUIPEMENTS.

A. McDougall	Halifax, NE	Nouvelle-Ecosse
. J. Olive	. St-Jean, NB	Nouveau Brunswick, L.P.E.
	. St-Jean, N'-B	Nouveau-Brunswick, I.PE.
Duclos	Québec, Qué	Québec.
I. R. Davis	Kingston, Ont	Est de l'Ontario.
V. Evans	Toronto, Ont	Ouest de l'Ontario, Toronto.
S. D. Andrews	. Collingwood, Ont	" Collingwood.
G. P. Phillips	Kenora, Ont.	" et Manitoba.
. T. Mathews	Edmonton, Alta	Saskatchewan, Alberta et T.NO.
	Vancouver, CB	
I. G. Robinson	Vancouver, CB	Colombie-Britannique et Yukon.
V. J Cullum .	Victoria, CB	Colombie-Brizannique et Yukon.
3 J Mantrop	Victoria, CB	Colombie-Britannique et Yukon.

### INSPECTEURS DES PALANS, ETC.

D. J. Murray.	Halifax, N.S.			
J. M. Martin	St-Jean, NB.			
Eugene D. Ring	44			
	Montréal, Qué.			
A. Martin				

A démissionné.
 Décédé.
 Nommé temporairement en remplacement de J. N. Martin en service actif aux armées.

A demissionne.

SESSIONAL PAPER No. 23

Tableau indiquant le nombre des inspections qui ont été faites, les droits perçus, etc., durant l'année terminée le 31 mars 1917.

SIONA	L PAF	ER No.	23	
Nowfuete des desire	pergus par les inspecteurs.	Pour examens des mécani- eiens.	•	195 00 57 00 58 00 58 00 116 00 139 00 73 00 18 04 14 00 14 00 13 00 15 00 16 00 16 00 18
Notation	perens par le	Pour inspec- tions.	9	2, 126, 56 105, 50 45, 68 695, 52 2, 973, 26
Nombre des navires	détruits, et leur toneage brut.	Tonnage brut.		113 51 754 436 1,666 1,666 2,182 4,51 3,274 3,274 3,274 5,651 1,311
MoM	195 205 205 205	Nom- bre.		#####################################
Nombro de navires	la Puissance, et leur tonnage brut.	Tonnage brut.		9,357 23 223 3,221 3,184 10,018 11,730 11,270 11,513 54,063
Nom	la Pu ton	Nom- bre.		ಟ−4ರ44ಸೌಹಟ ಬಲಬ ≦
Nombre total des navires soumis à	on service et leur tonnage brut.	Tonnage brut.		132, 891 62, 227 28, 471 28, 471 85, 196 56, 721 241, 277 51, 680 51, 680 51, 680 51, 680 159, 285 80, 367 80, 367
Non nav	on a	Nom- bre.		222 200 116 116 135 259 175 465 107 107 107 107 2,447
Montrea clos parinos	non inspectés, et leur tonnuge brut.	Tonnage brut.		3, 352 1, 430 1, 464 4, 694 4, 694 2, 845 3, 096 3, 096 3, 096 3, 096 6, 683 1, 773 8, 831 1, 698 1, 698 1, 773 1, 774 1,
No.	non in	Nom- bre.		22 11 11 11 11 12 13 14 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18
ctions fuites navires inspectés.	Navires enregistrés	Tonnage brut.		20,238 20,570 20,570 13,347 44,069 7,457 79,720 27,215 257,676
	Nav	Nom- bre.		113 131 151 151 151 150 150 150 150 150 150 15
Nombre d'inspe et tonnage brut des	Navires enregistres ou armés dans la Puissance.	Tonnage brut.		70,341 24,227 24,227 24,227 36,186 36,186 38,529 48,186 4,1683 4,1683 47,064 47,064
et	Nav	Nom- bre.		183 135 136 99 99 1179 1173 1113 1113 114 114 114 1179
23-2	DIVISIONS.			Halifax. St. Jobn Quebee. Soral. Motarfall Kingston Tornto. Collingwood. Port-Arthur Kenora. Edmonton. Vancouver. Vietoria.

 $23-2\frac{1}{7}$ 

List of abbreviations and French equivalents of technical terms used throughout this report.

Liste des abréviations anglaises des termes techniques contenus dans ce rapport et vocables français correspondants.

Abréviations.	Buoy service	Vocables Irançais correspondants.  Remorqueur alligator.
y. Ser osstg stwise	Buoy service	
y. Ser osstg stwise	Buoy service	
stwise.	IU 038110g	Service des bouées.
		Cabotage.
	Coastwike	Naviguant le long de la côte.
omp esr lmshl. Dr.	Car Ferry	Bac pour trains de chemin de fer.
mshl. Dr.	. Composite	Batiment mixte.
mshl. Dr.	Cruser	Croiseur.
	Clamshell dredge	Drague à mâchoire (Clamshell).
pr. Dr		Drague à cuillet.
F	Dredge	Drague.
r	Derrick	Måt de charge.
rek. Scow	Derrick scow	Chaland à mat de charge.
rl. Boat .	Drill boat Dredge tender Elevator dredge	Bateau foret.
r. Tadr.	Dredge tender	Bateau d'annexe de drague.
levr. Dr	Elevator dredge	Drague à Slévateur.
tg. Drck.	Floating derrick	Måt de charge flottant. Bateau de pêche.
shg. Boat	Fi hing boat	Bateau d'annexe de navire de pêche
" tndr " tug	Fishing tender Fishing tug Freight	Remorqueur de pêche.
rt	Froight	Fret.
Y	Ferry	Bac ou ferry boat,
shy. Put.	Fishery patrol.	Bateau surveillant les pêcheries.
" Crsr	Fishery patrol	Croiseur du service des pêcheries.
ovt. Ser.	If invernment service	Service du gouvernement.
rn. Elevr.	Grain Llevator	Elévateur pour céréales.
rbr	Harbour	Havre.
ppr. Bge .	Hopper barge	Barge porteuse.
_	Iron Lighter	Fer.
ghtr.		Allège.
mbr. Bge	Lumber barge	Barge portant du bois de construction
t. ship.	Lightship	Bateau-leu.
t'house Ser	Lighthouse service.	Service des phares.
dl	Paddle	Passagers.
nsa ck. Brkr	Rock breaker	Dérocheuse à pilon.
ck. ettr .	Rock cutter	Dérocheuse à outil tranchaut.
and Sekr.	Sand sucker	Drague à succion, pour sable
en. Dr	Suction dredge	Drague A succion.
on. Dr	Spoon dredge	Drague à cuiller.
er .	Serew.	Helice.
vge Str	Salvage steamer	Ynpeur de sauvetage.
1.	Steel	Acier.
rn Whl	Stern wheel	Roue arrière.
ndr.	l'ender .	Bateau d'annexe.
	Tug.	Remorqueur
W. PCT.	Twin screw .	Hélices jumelles
r Ser	Triple screw.	Triples hélices.
hlr	Whaler	Balcager,
rekr.	Wrecker	Sauvetage des épaves, etc.
cht.	Wood Yacht	Both heht.

In column No. 4 of table I, in the case of passenger ships, where the following abbreviations are preceded by a number, this indicates the number of passengers allowed according to conditions under which a voyage is being made:—

Dans le cas des navires transportant des passagers et figurant dans la 4e colonne du tableau I, lorsque l'une quelconque des abréviations suivantes est précédée d'un nombre, celui-ci indique le nombre de passagers que le navire est autorisé à porter, en considérant la nature du voyage qu'il entreprend:—

Abbreviations. Abréviations.	Euglish Equivalent. Signification en anglais.	French Equivalent. Vocables français correspondants.
LR		Lacs. Fleuves ou rivières. Eté.

### GEOGRAPHIC TERMS.

### TERMES GÉOGRAPHIQUES.

Engl	ish-A	ngl	ais.
------	-------	-----	------

French-Français.

Oceaa		Océaa.
Lake		Lac.
River		Rivière ou flouve
Channel		
Port		
Harhour		
Gulf		
Bay		
Strait		Détroit.
Narrows		
Canal		Capal
Island		
Point		
Cape	!	Cap.

Names of vessels driven by gasoline are printed in italics. Inspectors' Initials (1) Boilers and Machinery; (2) Halls and Equipment. Tonnage-Gross; registered Table I.—Showing steamers inspected throughout Canada during the year ended March 31, 1917.

Low noms doe mavires a propulsion par moteurs a gracilian sont imprintes an Italiques. Initiales des inspecteurs - (1) Chaudières et machines; (2) Coques et équipement. Tonnage brut; enregiatré. Tableau I.—Indiquant les vapeurs inspectés au Canada, du 1er avril 1915 au 31 mars 1917.

								0 000		, ,		
Name and Address of Owners. Noms et adresses des propriétaires.	R. Waddell, Trenton, Ont.	Canadian Dredging Co., Midland, Ont.	All lukes and rivers Merchants Mutual, Toronto.	Grent Lakes Dredging Co., Port Arthur, Ont.	Screw Jackfish and vicinity A. Sutherland, Jack, Ont.	St. Chir and Courtright. Douglas Transportation Co., St. Clair, Mich.	Calumet and L'Orignal. A. Laffarome, Calumet, P.Q.	Montreal and gulf of St. Ulric Tremblay of Frères, Lawrence.	Ontario and Quebee Nav. Co., Picton.	Thos. McWaine, Descronto.	Hbr. Connars., Montreal Montreal P.Q.	
Routo.	Scrow Bay of Quinto	Welland Canal and Lake Canadian Dredging Brie, Midland, Ont.	All lakes and rivers	Thunder Bny	Jackfish and vicinity	St. Chair and Courtright.	Calumet and L'Orignal.	Montreal and gulf of St. Lawrence.	Lake and rivers	Bny of Quinte	Mnotreal, harbour Hbr. Commers., Montreal P.Q.	
Propulsion— N.H.P. Propulsion— N. en H.P.	Serow	Serew	Serew147	Scraw	Serew 1.4	Serew. 40-7	Screw	Scrow	Serew 30	Nerew 1.2	Serew42-6	
Cortificate Issued—Expires. Certificat: Délivrance-Expiretion.	18-5-16 9-5-17	Not issued * Serew	28-4-16	2-5-17	24.7.16	16-10-16 16-6-17	25 10-16 22-6-17	5-9-16	9-5-16 29-1-17	30-5-16	Not iwated	
Inspectors' Initials. Initials. des des inspectours.	T. P. T	J. B. S	J. & S. W. E.	W.J.V.	W.J.V	N. E.	P. D. I.T.G.	J. A. S	F.X.11	T. P. T	J. T. G Not issued	
Port and Date of Inspection. Ports et dates d'inspection.	Frenton, Ont	Port Robinson 29-10-16	Port Colborne, Ont.	Fort William, Ont	Jackfish, Ont.		Calumet, P.Q	(2ad Inspect) 30-5-16 Quebec, P.Q 5-9-16	Sorel, P.Q. 29-4-16	Descroato, Ont	Noatreal, P.Q	
Trado-No. of Pass. Service- Nombro do pass.	Тик	Tug	Frt	Tug	Fishing tag.	Pass	Forty	Freight	Freight	Fishing boat.	Tug	76.
Where and When Bull Material. Année et lieu de construction Nature de la coque.	34 ISSS Wood	31 Port Colborne, Ont.	1,627 1903 Steel 1,020 Ilowden-on-Tyne, G 13	113 1906 Wood	19 1892 Wood	154 ISS2 Wood	24 1914 Wood	245 1916 Wood.	147 1894 Wood	13 1904 Word	55 Sorel, P.Q.	tificat a'a pas eté délivré.
Ton-	13.33	31	1,637	113	13	251	C4 →	57.7	12.00	133	83	lo cer
Name of Vessel—Official No.—Fort of Registry. Nons des navires— Naméres officials—Ports d'enregistrement.	A. B. Cook 58639 St. Catharines, Ont.	A. D. Cross. 97011 St. Catharines. Ont.	A. E. Ames Ilitity Nowcastle, G.B	A. F. Bowman 116385 Port Arthur, Ont	A. M. Petrie	A. R. Colborne 106071 St. Clair, Mich.	A. Lastanme	A. Tremblay. 138262 Quebec, P.Q.	Aberdeen 9924 Pieton, Ont.	Aberdeen. 100659 Kingston, Ont	Abordesa. 103554 Montreal	. Not issued significa que lo certificat

								23	

SES	1012	NAL	PAPI	ER N	o. 23	3												
Minister of Marine and Fisheries, Ottawa.	Canada Interlake Linc, Ltd., Port Colborne, Ont.	Achates Tow Boat Co., Ltd. Vancouver.	of B.C. Mille Tug and Barge. Co., Vancouver, B.C.	Muskoka Lokes Nav. and Hotel Co., Ltd. Graven-	J. W. Vance, Spanish, Ont.	C. O. Scull, Benumaris, Oat.	D. D. Glasier & Son, St. John, N.B.	The Sincennes McNaughton Line, Ltd., Montreal.	Montreal, Transportation Co. Ltd., Montreal, P.Q.	Algerna Central and Hudson Bay Ry. Co., Sault Ste. Ont.	Alex. L. Casselman, Matagami Heights, Ont.	Minister of Railways and Canals, Ottawa.	Muskoka Lakes Nav. and Hotel Co., Ltd., Toronto.	W. C. Edwarde & Co. Roekland, Ont.	J. E. A. Fitzgerald, Peterboro, Out. O. Olmstoad, Vanceuver, B.C.	Quebec and He d'Orleans The Sincennes McNaughton Line, Mentreal, P.Q.	Yukon River and tribu-American Yukon Navigatiou taries.	A. M. Tyson, Vancouver B.C.
Consting	Sydney, C.B. and Coast wise.	Vancouver and coast- wise.	Vancouver & Straits of Georgia.	Muskoka lakos	North channel	Muskoka lakes	St. John river	Montreal and Queboc	Duluth and Father Point.	All lakes and rivers	Muttagami rivor:	Ridenu Cunal	Muskoka lakes	Ottawa river at Rock-W	Trent Canal	Quebee and He d'Orleans	Yukon River and tribu- taries.	Coasting, B.C
Screw	Serew 124.1	Screw 42.1	Serew 50	Serew 3.3	Screw 14	Screw.4.7	Paddle	Tw. screw 56.2	Screw	Screw 151.5	Screw2	Scrow 4.8	Sorow 10.6	Strn. wheel	Screw	Scrow 80	Strn wheel	Serew
Not issued.	24-4-16 12-4-17	14-2-17 8-4-18	10 - 4 - 16 $5 - 4 - 17$	Not issued	25-9-16 $5-3-17$	9-9-16 15-8-17	$\frac{15-6-16}{9-6-17}$	5-6-16 $3-5-17$	29-4-16 $25-4-17$	28-4-16 19-4-17	31-7-16	Not issued.	29-5-16 26-4-17	Not issued	28-7-16 10-7-17 31-7-16 27-7-17	25-5-16 $22-5-17$	15-7-16 5-7-17	3-7-17
C. E. D	D. J. M A. MeD	II. G. R	H.G.R	G. M. A	E.WMcKi	G. M. A	C. E. D	F. X. II	T. P. T. M. R. D	G.M.A. S. D. A	Ont J. E. I.	J. T. G	G. M. A S. D. A.	J. T. G	T. P. T A. E. H	F. X. H	п.G.R	W.J.C
St. John, N.B	Louisburg, N.S.	Vancouver, B.C.	Vancouver, B.C	Gravenhurst, Ont	Cutler, Ont. 5-9-16	Beaumaris, Ont.	St. John, N.B	Sorel, P.Q	Kingston, Ont	Ont	hts,	Ottawa, Ont	Gravenburst, Ont 26-4-16 Beaumaris, Ont.	Rockland, Ont	Peterboro, Ont. 19-7-16 Vancouver, B.C. 28-7-16	Sorol, P.Q	Preight and Dawson, Y.T	Salyageship Victoria, B.C,
Govt	Freight	Tug	Tug	Tug	Tug	Pleasure yacht.	Tug	Tug	Froight	Freight	Tug	Tug	Pass. 40	Tug	Tug Fishing boat.	Patrol beat. Sorol,	Freight and Pass.	Salyageship
674 1894 Steel	2,305 1908 Steel 1,457 Port Glasgow, G.B	209 1908 Woed	172 1889 Wood 118 New Westminster,	60 1879 Wood	27 Spanish, Oat	17 1911 Wood	1896 Wood 1897 Rebuilt at St.	173 John, N.B. 83 Sorel, P.Q.	1,031 1884 Wood 358 St. Catharines, Ont.	3,759 1902 Steel 2,467 Collingwood, Ont	14 1898 Wood	1913 Wood 18 Buckingham, P.Q.	1886 Compesite. 1905 RebuiltGraven- hurst, Ont.	26 Rockland, Ont.	33 1902 Wood. 23 Bobcaygeon, Ont. 24 1916 Wood. 17 Jodediah Id., B.C.	243 1906 Steel	642 1913 Wood 603 Seattle, Wash.	150 1886 Wood
674	2,305	209	172	90	45	17	158	173	1,031	3,759	#1 ×2	32	77 62	45	33 24 17	243	642	150
Aberdeen. 103227 Ottawa, Ont.	Acadian. 124258 Glasgow, G.B	8 Vancouver, B.C	4 Vancouver, B.C	Ada Alice	daline V Ste. Marie		Admiral St. John , N.B.	e V. Roy	2 Montreal, P.Q.	Agawa. 111807 Sault Ste. Marie, Ont.	Agnes. 107362 Toronto, Ont	8 Ottnwa, Ont.	Ahmie	Aid	Ajax. 111935 Lindsay, Ont. Alakash. 138297 Vancouver, B.C.	9 Montreal, P.Q.	1 Skagway, Alaska.	Alaskan. 130445 Vancouver, B.C.
Aberdee 103227	Acadiar 124258	Aebates 126078	Active	Ada Al 75642	Adaline V 134198	Adjie	Admira 72247	Adolphe 133823	Advance 88632	Agawa	Agnes	Agnes P. 131138	Abmie. 103672	Aid	Ajax 111935 Alakasla 138297	Alaska 122229	Alaskh 165171	Alaskar 1304:1

TABLE I-Continued.-TABLEAU I-Suite

											8 G	EOR	GE \	/, A.	1918
Name and Address of Owners. Nome of adresses des propriétaires.	Custones Dept. St. John, N.B.	Upper Ottawa Improvement Co., Ottawa.	Frank Noble, Montreal, P.Q.	Can. Pue, Ry. Co., Ltd. Montreal,	Charles Gerow, Rossport, Ont.	Lake Buran and north W.J. Keen and Jos Millian, channel. Blind River, Ont.	Norman McDonald, Sydney, N.S.	Welland Canal Tug Co., Port Colborne.	Minister of Railways and Canals, Ottawa.	Upper Ottawa Improve- roent Co., Ottawa.	Western Transportation Co., Ltd., Nanaimo, B.C.	river and lake Clark Co., Fort Frances. Shelvin.	Ontario and Quebee Nav.	Alex.Longwell, Collingwood, Ont.	Upper Ottawa Improve- ment Co., Ottawa.
Route.	St. John Harbour	Lake Deschenes	Montreal Harbour	Port McNicoll and Fort Can. Pue, William Montreal	Rossport and vicinity Charles Gerow, Ont.	Lake Huran and north	Coasting	Welland canst and Luke Welland Canal Erio.	St. Lawrence canals	Lake Timiskaming	Nanaimo harbour	Rainy river and lake	Brighton and Prescott.	North shore Lake, Oat	Upper Ottawa river
Propulsion N.H.P. Propulsion—	Serow	Paddle 45·1	Serew	Seraw	Serow 1-2	Serew	Serew	Seraw 20.9	Screw	Serew	Serew.	Screw 8.1	Serew. 25	Serew	Paddle. 21.6
Certificato: Issued – Expires. Certificat: Délivrance- Expiration.	29-12-17	Not issued Paddle 45.1	6 10-16	12-5-16 22-1-17	21-7-16 18-7-17	25-9-16	22-5-10 9-5-16	Not issuad	15-9-16	31 5 16 27 5-17	9-3-17 9-3-18	30-6-16 24-6-17	30-9-16	29-5-16	29 7-16 27-7-17
Inspectors' Initials, and and a dos inspecteurs.	C.E D		јΤ С	E. W. McK. S. D. A	W. J. Y.	E. W. McK.	D. J. M	J B. S	T. P. T	J. E. L	B M	W.J. V	T.P.T	J D	J. E. L
Port and Dato of Inspection.	St. John, N B 29-12-16	Quyon, 17.Q 19-5-16	Montreal, P.Q	Gwen Sound, Ont	Rossport, Ont	Meldrum Bay, Ont	Sydney, N.S 9 5-16	Port Colborna, Ont	Cornwall, Ont	Timiskamiag, Ont 23-5-16	Nanaimo, B.C.	Fort Frances	:	Toronto, Ont. 29-5-16	Ouyon, P.Q
Tmde-No of Pass. Service- Nombre de pass.	Yacht	Tug.	Tug	Frt. and Pass	Fishing tug.	Fisbing tug.	Tug	Tug	Tug .	Tug	Tug	Tug	Pases	Tug	Tug
Where and when Bult. Makeral. Analys of liou de construction — Nature do la coque.	13 Bristol, R L.	198 Aylmer, P.Q	17 1911 Wient 10 Three Rivers, P.Q.	2,829 183 Steel. 2,377 Whitechurch, G. B.	Collingwood, Ont.1 1907 Mood 5 Rowsport, Ont.	26 Goderich, Unt.	63 South Bristol, U.S.A.	35 Port Robinson, Ont.	35 Morrisburg, Ont.	26 Timekaning, Ont	26 Victoria, B.C.	19 Selkirk, Man.	90 Kingston, Onc.	65 Collingwood, Ont	320 1591 Composite
Ton- Bugo. Grass Rog'd	22	200	10	2,377	3-10	198	53	248	88	22.25	36	120	118	2.3	320
Name of Veesel -()fiteful NoPort of Registry. Nous des navines Numbres officials Ports d'enexistrement.	Albatrass 13331 Ottawn, Ont	Mbert. 96712 Ottawa, Ont.	Albert C. 12685 Sorel, P.Q.	Alberta S5765 Montreal.	Alberta Arthur, Oat	Alberta M 116370 Goderich, Ont.	Alert Sydney, N.S.	Alert 90699 St. Catharines,	Alert Oat. 92421 Prescott, Ont.	Alert 116562 Ottswa	Alert 94807 Vietoria, B.C.	Alert 121771 Winnipeg, Man.	Aletha. 107748 King-ton, Ont.	Alex. Clark. 122559 Collingwood, Ont	Alexander Fraser 96285 Ottawn, Ont.

_			
SESSI	IONAL.	PAPER	No. 23

SESS	SION	AL P	APE	R No	. 23													
	W. K. McLlonald, Sydney, N.S.	Miramichi river and bay Miramichi Steam Nav. Co., Miramichi, N.B.	Lewis A. LeBlanc, Westport N.S.	International Transit Co., Ltd., Sault Ste. Marie.	other W.W. Cline, Massena, N.Y.	Port Colborne and St. Lawrence Nav. Co., Port Colborne, Ont. Wasis SS. Co., New Glass- gow, N.S.	Huntsville Lake of Bay	Ltd., Huntsville. Dominion Dredge Co., Ottawa.	J. R. Booth, Ottawa.	Minister of Agriculture, Ottawa,	The Ladder Lake Lumber Co., Big River, Sask	Miss Alma F. Gregory, St John, N.B.	Straits J. Holmes & H. Harviss,.	A. H. Sewell, Gilsson, N.B.	The Minister of Public Works.	St. Lawrence Maritime and Commercial Co., Anticosti	Harbour Commrs., Montreal, P.Q.	J. J. Beaumont and Sons, Braechridge, Ont.
Lake Timiskaming, Ont.	Sydney Harbour	Miramichi river and bay	Coasting	Sault Sto. Marie, Ont Sault Ste. Marie, Mich.	Ogdensburg and other ports.	Lakes and Rivore	Foreign-going, Hunts-ville and vicinity.	New Welland Canal and Lako Ontario.	Lako Kipawa	Quobec and Grosse Isle, Minister P.Q.	Crooked Lake, Sask	St. John River and harbour.	Vancouver and Straits of Georgia.	St. John River		Coasting	Montreal harbour	Muskoka lakc
Paddle	Screw 12.3	Screw 38.5	Serew6	Screw54	Screw	Screw 145-5	Screw	Screw 37.5	Screw	Serew 5.1	Paddle	Screw 40	Serew 16	Screw4		Screw 16-6	Screw	Screw
	8-8-17	15-9-16 25-7-17	Not issued	28-6-16 30-5-17	4	19-6-17	Not issued	Not issued .	Not issued	Not issued	4-9-16 30-11-16	11-7-16	24-6-16 21-6-17	$\frac{21-10-16}{13-7-17}$		27-4-16 26-4-17	Not issued.,	Not issued
J. E. L	D.J.M	C.B.D	N. A. C	E. W. McK. S. D. A	T. P. T	W.E. W.E.	A. McD G. M. A	J. B. &	J. E. L	M. R. D. J. A. S	J. T. M	C. E. D	A E.II	C. E. D	J.A.S	N. A. C	J. T. G	G. M. A Not issued Screw
nt	9-8-16	Chatham, N.B	Yarmouth, N.S	Sault Ste, Marie 5-6-10		tioa) N. S.	Huntsville. Out	Port Weller, Ont	Tartle Portage, Out	15-7-16 Levis, P. Q. 25-4-16	Big River, Sask	St. John, N. B	Vancouver, B.C	Fredericton, N.B	Chicoutini, P.Q	Liverpeol, N.S	Montreal, P.Q	Graveaburst, Oat
Tug	1 ug	Pass	Tug	Pass. 396	Pass	Freight	Pass	Tug	Pass	Freight	Tow boat	Tug		Tug		Freight	Tug	Supply boat,
280 Timiskaming, Oat.	23 Sorel, P.Q. 1900 Sheet Harbour,	201 1902 Wood	15 1907 Wood 10 Tusket Wedge, N.S.	157 1901 Steel	92 1880 Wood 63 Buffalo, N.Y. 1895	1173 Yoker, G.B.	305 1906 Wood	67 1894 Steel	48 1901 Wood	402 239 Toronto, Ont.	138 1916 Wood 87 Big River, Sask	ပိ	61 1898 Wood 37 Portland, Oro	12 1904 Wood 8 Oromocto, N.B.		61 1898 Wood	121 1904 Steel	101 1912 Composite 79 Gravenhurst, Ont.
-	100598 North Sydney, N.S.	Alexandra	Alfreda. 122578 Yarmouth, N.S.	Algoma	Algona 105927 Massena, N.Y	Algoaquia. 95051Port Arthur, Ont. fre-regist rd at Pictou, N.S.)	Algonquin 112076 Toroato, Ont.	Alice	Alice	Alice. 122260 Quebec.	Alice Mattas	Alice R. 126290 St. John, N.B.	Aliford 130617, Victoria, B.C.	Allan Sewell	Alligator(Not registered).	Alpha 190750 Quebec, P. Q	Alphonse Racine	Alporto. 130314 Toronto, Ont

Table I-Continued.—Tableau I-Suite.

					1	B GEORG	E V, A.	1918
Name and Address of Owners. Noms et adresses des propriétaires	River and canals Minister of Pablie Works, Ottawn.  Port Maithard and take J. S. Jones, Port Maithard, Eric.	Magdalen falanda Steanship Co., Hulifax, N.S. Arctio foo Co., Winnipag.	Frenton and Montreal St. Lywrence River Steam-boat Co., Kingston, Ont.  Buffalo and Crystal Buffalo and Detroit Erie Beech	W. H. Hatt, Chartoftetown, P.B.Ł. Mrs. M. J. Simus, Mani- townning, Out.	Midland Investment Ltd., Winnipeg, Man. Larder Bros., New Ross, N.S.	Constwing Stenm ship and Barge Co., Ltd., Vancou- Vor. W. J. Poupere Co., Ltd., Montreal, P.Q.	North Channel Towing Co., Cutlor, Ont. Atlia Construction Co., Vic- toria, B.C.	Mrs. Rosanna Noville, Hali- fax, N.S.
Eknato.	River and canals	und ds. vor	Treaton and Montreal Buffulo and Crystal	Consting	Lake Winnipeg	Cousting and inside waters. Rimouski larbours	Great Lakes Consting	Consting
Propulsion— N.II.P. Propulsion— N. en H.P.	: :	5	Paddle 200 200 Screw 138.8	Serew od Serew 5	Sorew 2-7	Serew 150 Serew 10	Screw 52.8 Screw 58	
Certificates Issued— Expires. Certificat: Déliverance- Expiration.	Not issued. Screw 12 Not issued Screw	18-5-16 0-3-17 26-5-17	29-5-16 31-5-16 31-5-16	4-11-16. 25-10-17 19-7-16 14-6-17	27 5 16 25-5-17 3-6-16 29-5-17		25 9-16 1-1-17 22-5-16 19-5-17	5 1-18
Inspectors' Initials. Initiales des inspectours.	J. T. G	N.A.C. A. Melb. G. P. P	T. P. T. M. R. D. J. H. S.	N. A. C. E. W. Molf. S. D. A.	G.P.P	H. G. R B. M. J. A. S	E W McK. A. E. H.	D J. M
Port and Date of Inspection. Ports et dates d'inspection.	Ottawa, Ont	Halifax, N.S. 15-5-16 Winnipek, Man.	Kingston, Ont	Charlottetown. 4-11-16 Gittlo Current.	Solkirk, Man 25 6 16 Ifalifax, N.S 29-5-16	Freight and Scattle, Wash. Pass 5 17-5-16 Tag	The Salon, Ont 12-9-16 Prince Rupert, B.C.	Halifar, N.S.
Trade—No. of Plass. Service— Nombre de pass.	Tug Fishing boat.	w	Pass 640	Tug.	Fahg Ing. Wrecking tug.	Freight and Fuss 5 Tug.	Tug Fishing bost.	Fishing boat.
Where and Whee lunte-Material. Analyse et lieu de construction—Naturo de la coque.	27 1587 Wood	357 1894 Steel. 146 Ayr, Scotland. 65 1910 Steel 41 Winnipeg, Man.	520 1895 Composite 286 Kingston 1,09 1908 Steel 558 Buffalo, N.Y.	C B	21 Selkirk, Man. 149 1903 Wood. 83 Mahonu Bay, N.S.	570 Sunderland, G. H	229 Mantowac, Wis	26 1894 Wood. 12 Yarmouth, N.S.
Too.	2121 2228	357	2520 265 265 265 265 265 265 265 265 265 265	83 21	33	307 339 272		126
Name of Nossel—Official No.—Port of Registry. Noms des navires Numéres officiels—Ports d'enregistroment.	Alva HH47 Ottawa, Ont. Alva II 190289 St. Catharines, Ont	Amelia 194069 Magdalen Islands Amelia Mac 130271 Winnipeg, Mac.	America 100% kingston Americana 2009 fulfalo, N.Y.	Amberst 78112 Charlottetowa. 178112 Charlottetowa. 172435 Sault Sto. Mario	Amisk. 122275 Winnipeg, Man. Amphitrite 112121 Luneaburg, N.S.	Amur Vancouver, B.C. Amy Ill916 Toronto.	Andrew J. Smith. 117031 Sault Ste. Marie, Ont. Andrew Kelly.	Anita. 103054 Yarmouth.

					INS.	PECT.	ION	DES	BATI	EAUJ	Y A	VAP	EUR				
SES	SSION	NAL P	APE	R No	. 23												
Port	West	S.	Mon-	octo,	W. A. Oot.	Co .	Kee-		Halifax,	er.	ıto,	thur,	vkos-	Port	shor-	نړ	actor
Ainsley.	New		Ltd.,	Orom	and vood,	Towing Co Ont.	r Co.,	oatrea		ncon	Тогон	ort Ar	Port Hawkes	rder,	e & Fi	cosspor	Contractor
. Ains		., Hal		Currier, Oromocto,	Clark ollingw	ver T	at.	ey, M	Nevillo,	es, Va	nmer,	Co.,F		Zan O Ont.	Marin va.	row, F	County Co.
arry W. Dover, Ont	W. Pike, minster, B.C.	Judgo Bros., Halifax,	Simpson Bros. treal, P.Q.		Mrs. M. A. Clark and W. A. Clark, Collingwood, Opt.	dind River Tow Blind River, Ont.	Keewatin Lumber Co., Keewatin, Ont.	E. G. Penney, Moatreal	Rosanna N.S.	B. T. Rogers, Vancouver.	Frank Plummer, Toronto, Ont.	Marine Tug Co., Port Arthur, Ont.	P. J. Walkor, bury, N.S.	Geo. A. Van Order, Burwell, Ont.	inister of Mries, Ottawa.	James Garrow, Rossport.	>
Harry Dove	f. mi	Judg.	Simp	Martin N.B.		<u>m</u>	. Keer	<u>e</u>	Ross	.B. T	Frank Out.	Marine Ont.	. P. J.		Mini		Pieton
	Vancouver and Straits of J. W. Georgia.		Power		Georgian bay	Sarnia to Amherstburg	<u>8</u>	īt		:	:	Thunder bay and vieinity.	Pietou & Pietou Ldg	:	Cower Traversu Station Minister of Marine & Fisheries, Ottawa.	Rossport and vicinity	
	and St	Halifax harbour		/er	ау	mhers	Lake of the Woods	Magog to Newport			Lakes and Rivers	ay noc	ietou		versu	od viei	Pictou, harbour
Erio.	ancouver Georgia.	fax har	let Cedar House.	St. John river.	gian b	ia to A	of the	og to l	Coasting	Coasting	s and	idor b	ou & F	Lako Brie	or Tra	port m	ou, har
Lake Erie	- Vane Go	Hali	Inlet	St. J	Geor	Sarn	. Lake	Mag	. Coas	Coas	Lake	Thun ity.	. Pietc	Lake	Low	Ross	Pieto
:	16	ιņ	6.5	9		9	£-a	.7	c)	37	80	17	r.	2	ę	7	50
Serew 4.8	Serew	Serew 19.5	Screw 6.5	Serew	Serew	Screw	Serew 16-7	Screw	Screw	Screw37	Serow 08.3	Serew	Serow 13.5	Serew. 5	Scrow	Serew	Serew 13.5
	10-1-17 4-1-18		ed.						-16 -16 0-16	31-13-16 31-13-16 19-13-17					gpon		
21-8-16	10-1	10-8-16 9-8-17	Notissued.	14-7-16 15-7-17	24-8-16 14-8-17	14-9-16 12-9-17	18-7-16 18-7-17	20-6-16 20-6-17	15-4-16 1-17-16 13-10-16	31-1 31-1 19-1	18-4-16	20-5-16 17-5-17	26-8-16 5-5-17	13-10-16	Notissuod	27-7-16 17-7-17	15-5-16 15-5-17
J. B. S	2			E. D	W. MeK.		P		C	2	T. P. T. M. R. D.	V	N. A. C A. McD	· · · · · · · · · · · · · · · · · · ·	22	v	C
J. B.	н. с. в	N.A.C	J.E.L	C. E.	E. W.	J. D	G. P. P	J. E. L P. D	N. A. C	H. G. R.	T. P. M. R.	W. J. V.	A. A.	J. B.	J. A.	W. J. V	N. A. C.
			:											:	:	:	
Port Dover, Ont 21-7-16	B.C. 5-1-16	8 8-16	91-01	Fredericton, N.B 13-7-16	Collingwood, Ont	on, Ont 12-9-16	nt. -7-16	6-16	S	B.C.	Ont	17-5-16 17-5-16	-5-16 -16	Port Burwoll, Ont 19–9–16	2-16	-7-16	5-16
Dover 21-	Vancouver, B.C 5-1-16	Halifax, N.S	Cedars, P.Q 1-10-16	ricton 13-	14-	Port Huron, Ont. 12-9-16	Norman, Ont	Magog, P.Q	Halifax, N.S 15-4-16 (2nd inspection)	13-10-16 Vancouver, B.C 31-3-17	Kingston, Ont	Port Arthur, Ont 17-5-16	Pictou, N.S 22-5-16 8-8-16	Burwo 19	Quebec, P.Q	Rossport	Pietou, N.S 12-5-16
Port	Vane		Ceda	Frede	Collin	Port	Norn	Mago		Vance	King	Port.	Picto	Port	Queb		Pieto
M+1		Water boat.			Sc			Pass. 250	Fshg tug		bt			th.	pd	Fishing tug.	
ver, Fishing	Tug	Water	Tug	Tug	Fishing tug.	Tug	Tug	Pass.	Fshg	Yacht	Freight.	Tug.	Pass.	Fishing boat.	lt. ship	Fishir	Tug
Jover,	r, BC		:			lich West	<b>.</b>	:		[838.	:	ده ،		ıt.		:	
ood	ood	ood b, N.S	ood	ood. N.B.	ood	ood naw. N	y. Mi ood	ood	ood	too, N	teol	rg, On	ood N.S. chuilt.	ood	ood	ood	N.S.
ouilt F	Ont. 1910 Wood New Westminster, J B C	Sorel, P.Q. 1892 Wood. Dartmouth, N	gston,	897 W moeto	000 W	t Sagir	ay Cir 112 W 10ra, O	909 W	907 W	ool St th Bos	302 Si	1887 Wood Vallaceburg,	384 W mouth	t Burn	1. Geri	1906 Wood	kport,
38 1914 Wood	56 1910 Wood 31 New Westminster, B	Sorel, P.O. 1892 Wood	42 1901 Wood 18 Kingston, Ont.	11 1897 Wood 7 Oromoeto, N.B.	33 19	71 1865 Wood	61 1912 Wood 42 Kenora, Ont	95 1909 Wood 50 Magog, P.Q.	34 1907 Wood 21 Lipervool, N.S.	176 1901 Steel 104 South Boston, Mass.	1,073 1902 Steel	40 1887 Wood 33 Wallaceburg, Ont.	42 Yarmouth, N.S.	36 1914 Wood 25 Port Burwell, Ont.	762 1901 Wood 518 Kiel, Germany.	20 1906 Wood 13 Surnia, Ont.	26 1884 Wood 18 Lockport, N.S.
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Aquila. 130842 Vancouver, B.C.

Arabian 100394 Hamilton, Ont. Arbutus. 92642 Port Arthur, Ont. Arcadia. 85555, Pictou, N.S. Archie W. 134551 Port Burwell, Ont

Arctio. 116992 Queboc. Argo. I16953 Sarnia, Ont. Argus... 85489 Halifax, N.S.

Anko 126645 Port Dover, Ont.

Annacis. 126790 New Westminster, B.C. Annie Currier. 103270 St. John, N.B.

Annie M 107165 Collingwood, Ont. Annie Moyles. 96851 Saraia, Ont. Anoka.
130712 Kenora, Ont.
Anthemis.
126487 Montreal, P.Q.
Anticosti II.
Anticosti I.I.
Anticosti I.I.

Annie 100222 Halifax, N.S. Annie Barrett, 107747 Sorel, P.Q.

Table I Continued.—Tableau I -Swife.

Name and Address of Owners. Noms et adresses des propriétaires.	Kenora and Keewatta James Praser, Keewatin, Ont. John M.C. Gumpbell, Kelowaa, Kelowaa and West bank J. J. Campbell, Kelowaa, B.C.	Walkerville Detroit and Walkerville Ferry Co., Detroit.	Straits brantrong and Morrison, Ltd., Vancouver, B.C.	A. A. Agar, Birks Falls, Ont.	F. G. Mills, Beaumaris, Ont.	H. Milot and Girard, Robertval, P.Q.	Barney Anderson, Kenora, Man.	John Carow, Lindsay, Ont.	St. North Shore Steamship Co., Sydney, N.S.	Can. Pacific Railway Co., Montroal, P.Q.	Port Arthur and Port Can, Pucific Railway Co., McNicoll, Montreal, P.Q.	Vermilion to Hudson's Hay Co., London, Hope.
Route	Kenora and Beowatin James Ont. Kelowna and West bank J. J.	Detroit and Walkerville Detroit Forry ( Rossport	Vancouver and Straits of Georgia.	Nagnetawan river	Muskoka lakes	Roberval and St.	Saskatchowan river	Kawartha lakes	Sydney and Bay St. I	Port McNicoll and Fort Can. Parific Railway William.	Port Arthur and Port McNicoll.	Vermilion to Hudsons
Propulsion— N.H.P. Propulsion— N. en H.P.	Serew	Serew 26.7 Few	Serew	Serew 16.8	Serow 8-1	Serow	Serew 1.6	Screw., 4.8	Serew	Serew 298.6	Screw 166	Stn. wheel
Certificate: Issued — Expires. Certificat: Délivranca:	91-1-100	18 10-16 Serew 26.7	31-3-17	Not issued	Not issued	Not issued Serew	29-7-16 24 7-17	Not issued., Scrow., 4-8	22-5-I6 9-5-17	30-6-16	12-5-16	31-5-17
Inspectors' faituals. Initiales des inspecteurs	6. P. P	J. D W. E. W. J. V	A. E. II	G M A	G. M. A.	1. 1. 8	G.P.P.	T. P. T	D. J. M A. MeD	E. W. MeK. S. D. A.	E. W. McK. S. D. A.	. T. M.:
Port and dato of Inspection. Ports of dates disspection.	Kenera, Ont	Datroit, Mich	Vancouver, B.C 30 3 17	Burks Falls, Ont	Supply boat Gravenhurst, Ont,	Pass freight Roberval, P.Q	The Pas, Man	Bobcaygeon, Ont	Sydney, N.S	Port McNicoll, Ont 25-4-16 29-6-16	Owen Sound, Ont	Ponco River
Trade No of Pass. Service— Nombre de pass.	Furry Furry 182	Pass Ferry. Fishing tug	Fug	Pass	Supply boat	Pass freight	Fish Tug and freigh	Tug	Pares. 110	Pass. 111	Freight pass.	Freight pass. 40
Where upol When Bult - Material.  Annès et lieu de enstruction— Nature de la coque.	97 1900 Wood	202 1881, 1913 Wood 120 Detroit, Mich Wood.	32 Vancouver, B.C	191 1906 Composite	41 Gravenhurst, Ont.	15 1895 Wood . 12 Roberval, P.Q.	of The Pas, Man.	71 Lakefield, Ont.	99 Shelburne, N.S.	2,4% Govan, G.B.	2,754 Ivs3 Steel. 2,319 Kilvinaugh, G.B.	231 Athabaska, Alta.
Tog.	6 1	42 	40.00	119	17) HP		C+ 11	15	15.0	84	5.00	¥.
Name of Vowerl—Official No —Port of Registry Noms des navires — Numéres officials—Ports d'enregistrement.	Argyle 197259 Kenera, Ont Arieta 13021 Victoria, B.C.	Ariol 106032 Detroit, Mich (not registered)	Armono Vancouver, B C	Armour 121830 Toronto, Ont.	Arrahwanna II 12347 Toronto, Unt	Arthur Quebec, P.Q.	Arthur, J 134317 Kenora, Ont	Arthur C 1002x2 Lindsay.	Aspy Yarmouth, N.S.	Actinibois	Athabasca. 85764 Mootreal, P.Q.	Athabasca River

SESSIO	NAL	PAP	ER N	lo. 23	3													
Canadian Northwest Steam- ship Co., Port Arthur, Ont. Mrs. Rosama Neville, Halifax, N.S.	Manley Chew, Midland, Out.	Sinceunes McNaughton Liue, Ltd., Montreal.	The Hastings Shingle Mfg. Co., Vancouver, B.C.	Quebec Harbour Commissioners, Quebec.	Phillips and Nichol, Mira, N.S.	Minister of Public Works, Ottawa.	Brewster Transportation Co. Bauff, Alta.	Merrill DesBrisay, Van- couver, B.C.	H. F. Huxtable, Sault Ste.	Queen Packers Steamship Co., 1. Ltd., Vancouver, B.C.	B. C. Express Co., Ashcroft, B.C.	Straits B. V. Martinovlick, Port Guichon, B.C.	A C. Clark, Vancouver.	Roger Miller & Co., Torouto, Out.	Tusket Ethel M. Hines, Yarmouth,	Lockeport Coal Storage Co., Lockeport, N.S.	Howe Terminal Steam Nav. Co., Ltd., Vancouver.	Eleo Towboat Co., Ltd., Victoria, B.C.
Port Colborae and Duluth.	Georgian bay	Moatreal harbour	Vancouver harbour, B.C.	Quobec harbour	Mira river	Humber Bay	Lako Minnewanka	Coasting	Lake Superior	Stevetson and Queer Charlotte Sound.	Upper Fraser river	Vancouver and Straits of Georgia.	Vancouver and Howe	Cape Traverse	Wedgeport and Tusket Island.	Consting	Vancouver and Howe Sound.	Cowichan lake
Screw Screw	Screw	Screw54	Screw9	Screw 13.5	Screw	Tw. Scrows.	Screw	Screw2	Screw2.1	Screw. 22	St. wheel	Screw	Serew	Screw	Screw8	Serew	Tw. screw., 85-2	Scrow
20-4-16 14-1-17 19-10-16 17-10-17	Not issued	16-6-16	17-4-16	16-5-16 20-4-17	25-8-16 7-8-17	Not issued			Not issued	22-8-16 8-8-17		21-6-16 13-6-17	24-6-16 20-6-17	4-5-16	17-7-16 8-7-17	S-1-17 27-9-17	6-5-16 30-9-16	Not issued
W. J. V G.P. P. D. J. M	G. M. A	F. X. H	H. G.R	J. A	D. J. M A. McD	J. B.S.			E. W. McK.	A. E. H		A. E. H	A. E. H	C. E. D	N. A. C	N.A.C. A. MeD.	H. G. R	B. M
Port Arthur, Oat 12-4-16 20.4-16 Halifax, N.S	French river6-9-17	Sorel, P.Q. 25-4-16	Vancouver, B.C	Quebec, P.Q	Mira, N.S	Toronto, Oat	Banff, Alta	Vaacouver, B.C	Michipicotea, Ont	Steveston, B.C	Fort George, B.C	Vancouver, B.C	Vaucouver, B.C	Pointe DuChene, N.B	Wedgeport, N.S	Halifux, N.S	Vancouver, B.C	Cowichan lake3-11-16
Freight   Port Ar	Tug	Tug	Tug	Tug	Pass40	Tug	Разя	Tug	Fishing tug.	Tug	Freight pass.	Tug	Tug	Tug	Fishing	Naval service.	nt and	Tug
2,004 1895 Steel. 1,315 West Superior, Wis. 98 1906 Wood 67 Shelburne, N.S.	59 Midland, Ont.	137 1912 Steel 9 Greenock, G.B.	25 1895 Wood 17 Vancouver, B.C.	23 Sorel, P.Q.	47 1913 Wood 24 Chatham, N.B.	Igio Wood	1 1908 Wood	18 Tacoma, Wash.,	18 1911 Wood 9 Michipicoten, Ont.	121 83 Vaacouver, B.C.	513 1910 Wood 323 Soda Creek, B.C.	61 1912 Wood 42 Port Guichoa, B.C.	26 Seattle, U.S.A.	50 1900 Wood	33 1910 Wood 12 Yarmouth, N.S	418 1907 Steel 154 Dunkirk, France	821 1892 Wood 544 Victoria, B.C.	29 1914 Wood
Atikokan 131053 Port Arthur. Atlantic Luneaburg, N.S.	Audrey C	Aurelie G	Autolyeus	Aviso 134136 Moatreal, P.Q.	Avonlea. Chatham, N.B.	Aylmer (Not registered).	122279 B.		B. C. L. 130773 Sault Ste. Marie	B. C. P. 126082 Vaacouver, B.C.	126516 Victoria, B.C.	B. C. Boy 131032 Vancouver, B.C.	B. C. Maid	B. M. Fraser 107597 Toronto.	B. and M. Leblanc	Baleine 122916 St. Johns, Nfld.	Ballona (ex Joan)	Barbara Yount

TABLE I-Continued.—TABLEAU I-Suite

											8 GE	ORG	EV,	Α.	1918
Name and Address of Owners. Norm et adresses des propriétaires.	G. A. Ward, Barnat, B.C.	Montreal Transportation Co., Ltd., Montreal, P.Q.	J. E. Woodworth, Bear river.	J. J. Goodwin, Victoria, B.C.	F. E. Clark, Stargeon Fulls, Ont.	John Bowman, Port Arthur, Ont.	Bena- Calixto Guyon, Montronl, P.Q.	Cuandina Dredge & Construction Co., Midland,	Harbour Commissioners of Montreal.	Jeroma Lajeunesse, Pater- boro, Ont.	and Gloucestor Navigation Co., Shippigan, N.B.	Win, Crano & Sons, Ltd., Midland, Ont.	Howe A. N. Edwards, Vancouver.	Ver-Cooley and Tredway, Peace River, Alma	Merchant Mutual Line, Toronto, Ont.
Route.	Praser river	Lake Ontario and river Montreal St. Lawrence.	Bear river and St. John. J.	Victoria and Nunaimo	Laka Nipissing	Thunder bay	Montreal and Bena- harnois,	Welland canal	Moatreal harbour	Trent Valley canal	Caraquet, Miscou and Shippegan.	Midland harbour	Vancouver and Howe sound.	Hudsons Hope to Ver-	Duluth and Father Point.
Propulsion— N.11.P. Propulsion— N. en H.P.	Scrow	Screw	Scrow 16.7	Serow 18.2	Faddle 2.1	Screw 10.7	Paddle	Serow. 37.5	Seraw	Seraw3.3	Screw 13.5	Serow 8.4	Screw4	Scrow	Scrow 106
Certificate: Issued— Expires. Certificat: Délivrance— Expiration.	31-8-16	9-9-16	21-10-16 20-10-17	24-2-17 22-2-18		20-11-16 15-11-17	25-5-16	30-10-16	31-7-16	28-7-16 10-7-17	2-(1-16	Not issued	30-6-16	3-6-16 5-6-17	204-16
Inspectors' laitints. Initiales des inspectours.	A. E. II	T. P. T	N. A. C	B. M	J. E. L	W. J. V.	J. T. G P. D	J. B. S.	J. T. G	T. P. T	C, E, D	G. M. A	A. E. H	J. T. M	W. J. V. G. P. P.
Port and Date of Inspection. Ports of dates d'inspection.	Now Westminster, B.C., A. E. 11 8-5-16	Kingston, Ont	Bear River, N.S 20-10-16	Victoria, B.C.	Cacha Bay, Out	Port Arthur, Ont 15-11-16		Port Robinson, Ont.	Montreal, P.Q	Lakofield, Ont 20-7-16	Chatham, N B	Midland, Oat	Vancouver, B.C	Freight and Peace River . 3-6-16	Fort William 74-18 30-4 16
Trade—No of Pass. Service— Nombra de pass.	Tug	Tug	Freight	Tug	Wагр tag	Fishing tug	Freight and	Tag	Tug	Тик	Pass. 7	Tug	Pass. 30	Freight and 30 pass.	Freight
Where and When Built—Material  Anales et lieu do construction—  Nature de la coque.	12 1907 Wood	41 Grangemouth, G.B	71 Shelburno, N.S.	37 Vancouver, B.C.	Stargeon Falls, Out.	25 Owen Sound, Ont. 1904 Rebuilt.	Collingwood. 1845 Iron 1844 Rebuilt.	Montreal 1907 Steel Kitkkintilloch, G.B.	24 Bollovilla, Ont.	25 1908 Wood 17 Lakefield, Ont.	D (2)	29 I 899 Wood.	1905 Wood	G <sub>1</sub>	2.012 1908 Steel 1,357 Hepburn-on-Tyn G.B.
Ton-		338	17	1-60	15	88	167	37	±22	52			81	#8	2.013
Name of Vessel—Official No.—Port of Registry. Nons des navires— Numbres officiels—forts d'efregistrement.	Barnet. 122373 Vancouver.	Bartlett. 124385 Montreal.	Bear river 121907 Shelburne, N.S.	Reatrice Victoria, B.C.	134546 Ottown, Ont.	Beatries M. 107167 Port Arthur.	Beanharnois 33476 Ottawa.	Beenmout 124160 Midland, Ont	Beaver S3157 Belleville, Ont.	Beaver 83416 Peterboro, Ont.	Beaver 100748 Windsor, N.S.	Beaver 107691 Toronto.	Bearer. Il7119 Vancouver.	Bearer (Registry applied for).	Besverton 125440 Newcastle, G.B

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SE	5510	NAL	PAP	EKI	VO. 2	3												
Marine and Fisheries Dept., Ottawa, Oat.	H. A. Rhynard, Summer- side, P.E.I.	J. S. Thom, Quebec, P.Q.	Straits B. C. Mills Tuk and Barge Co., Vancouver.	Minister of Marino and Fisheries, Ottawa, Ont.	Richolicu & Ontario Nav. Co., Montreal, P.Q.	A. Berquist, Victoria, B.C.	C. J. Smith, Walkers Pt.,	Minister of Railways & Canals, Ottawa, Ont.	J. P. McDonald, Blind river, Ont.	Bathurst Lumber Co., Bathurst, N.B.	Montreal & Great Lakes Steamship Co., Montreal.	ictoria & New West-I. Whitworth, Ladner, B.C. minster, B.C.	Pacific Whaling Co., Victoria, B.C.	Pacific Whaling Co., Victoria, B.C.	Toronto Ferry Co., Ltd., Toronto.	Victoria Steamship Co., Baddeck, N.S.	Minister of Railways and Canals, Ottawa.	Montgomery & Sons, New Richmond, P.Q.
St. Lawrence river	Summerside to Bodeque H. A. Rhynard, side, P.E.I.	Quebec harbour	Vancouver and Straits of Georgia.	Lakes and gulf	Hamilton and Montreal Richolicu & Ontario Co., Montreal, P.Q.	Coasting, B. C	Muskoka lakes	Trent Valley canal	Coldwell & vicinity	Chaleur bay	Lakes & rivers	Victoria & New West- minster, B.C.	Coastwise	Constwise	Toronto hay	Baddeck and Iona	Trent Vulley canal	Baio des Chalenrs
Tw. serew	Serew	Scrow 33-8	Screw	Serow	Paddle	Serew	Screw 6	Screw 13.5	Screw	Screw 80	Scrow. 124	Twin-screw	Serew46	Serow46	Paddle	Twin screw	Screw_10.1	Paddle 3.3
Not issued .	18-7-16 22-6-27	Not issued .	14-7-16 7-7-17	Not issued	1-5-16	10-8-16 6-8-17	Not issued.	28-7-16 15-7-17	24-7-16 14-7-17	Not issued.	8-7-16 19-4-17	12-12-16 11-6-17	28-3-17 19-3-18	28-3-17 19-3-18	14-6-16 5-6-17	26-8-16 28-2-17	27-7-16 10-7-17	Notissned
F. X. H	C. E. D W. R. B.	J.A. S	A. E. II	J. A. S	P. X. H	 ₩. J. C	G. M. A	T. P. T	W. J. V	C. E. D	F. T. II W. E.	W. J. C	B. M	B. M	J. B. S	N. E. D. J. M A. McD.	T. P. T	J. A. S
Sorel, P.Q	Summerside, P.E.I 4-7-16	Quebec, P.Q14-6-16	Vancouver, B.C	Quebec, P.Q.	Sorel, P. Q. 17-4-16	Victoria, B.C	Beuumaris, Ont	Peterborough, Ont	Port Coldwell, Ont	Chatham, N.B	Sorel, P.Q. 194-16 Port Colborn.	18-5-16 Vietoria, B.C. 11-12-16	Vietoria, B.C	:	:	Baddeck, N.S.	Yankce Bonnetts	New Richmond, P.Q
Tug	Pass40	Tug	Tug	Govt. Ser.	Freight	Tog	Tug	Govt Ser	Fishing tug.	Tug	Freight	Freight	Whuler	Whaler	Pass	Puss	Tug	Tug
213 1914 Steel	34 Liverpool, N.S.	1883 Wood	Jacouver.	1913 Steel Kingston, Ont.	1905 Composite Kingston, Ont.	1902 Wood Port Moody, B.C.	Gravenhurst, Ont.	Walker's Point, 1907 Steel Peterborough, Ont.	1907 Wood	1898 SteelBuffalo, N.Y.	1873 Iron Buffalo, N.Y.	1912 Wood	1910 Steel. Christiania, Norway.	102 1910 Steel37 Christiana, Norway.	752 1906 Steel	196 1887 Wood	19 Peterboro, Ont.	28 1909 Wood 18 New Richmond, P.Q.
21.5 E8	22.22	82	7.7	417	1233 607	3.5	20	52	30	145 98	1575 864	217	102	102	752 451	196	27	188
Becancour 133954 Sorel, P.Q.	Bedeque	Belle 85746 Quebec.	Belle 117013 Vancouver.	Bellechasse 133935 Ottawa, Ont.	Belleville 122070 Montreal, P.Q	Berquist. 111984 Victoria, B.C.	Bertha May. 90578 Toronto, Ont.	Bessie Butler 122564 Peterboroogh, Ont.	Bessie M. 117087 Collingwood, Oat.	Betty D. 131010 St. John, N.B.	Bickerdike	Birdswell	Black 131337 Liverpool, G. B	Blue. 131357 Liverpool, G.B.	Bloebell	Blac Hill	Bob Hall 122563 Peterboro.	Bogan 103828 Paspebine, P.Q.

# Table 1 Continued. Tableau I Suite.

												8	GEOF	RGE	V, A	. 1918
	Name and Address of Owners. Nons et adresses des propriétaires.	C. L. D. & T. C. Simms, Little Current, Ont.	McLuchlin Bros., Arnprior, Ont.	Dryden Timber & Power Co., Dryden, Ont.	Can. Pacific Railway, Montreal, P.Q.	Yarmouth and Boston Steamship Co., Montreal.	Grondines and Batiscan, J. N. Godin, Three Rivers, P.Q.	Montreal and Boucher-Richelieu & Ontario Nav. ville.	Howe Terminal Steam Nav. Co. Vancouver, B.C.	Minister of Marine and Fisheries, Ottawa.	Donninion Government, Canada.	Canadian Dredging Co., Midland, Ont	C. Brister & Son, Halifax,	Howe Terminal Steam Nav. Co., Vancouver.	Detroit and Windsor Ferry Co., Detroit, Mich	Montreal and Kingston. Montreal and Corawall Nav. Co., Cornwall.
- The second sec	Ronto.	Manitowaning & Cutter	Kippewa, tht	Wabigoon Luke	Arrow lakes and Columbia river.	Boston and Yarmouth .	Grondines and Batiscan.	Mentreal and Boucher- ville.	Vancouver and Howe sound.	Lake Winnipeg,	Coasting	Welland canal	Cousting	Vancouver and Howe sound.	Detroit river	Montreal and Kingston.
	Propulsion – N.II.P. Propulsion – N. en II.P.	Screw	Paddle 2	Serew	Stern wheel.	Serew 550	Serew 2.1	Paddle 31.2	Twin serew		Screw 8.5	Serew	Serew	Screw. 32.9	Serew 130.5	Paddle 41
	Certificate: Issued— Expires. Certificat: Délivrance— Expiration.	19-7-16 15-6-17	Not issued	30-9-16	26 5-16	S 12-16 12 6-17	2)-6-17	3-7-16	11-4 16	2-5-17	10-4-16	Not issued	15-5-16	Not issued	22-4-17	12-6-17 31=12-16
	Inspectors' Initiales Initiales des inspecteurs.	E W. MelK S. D. A.	TET.	W 3 V	W J. C	N. A. C. J.	F. X. H	L.E. L P. D.	H. G. R.	G. P. P.	CED		: C 4. Z	Н. С. В.	M. E.	N. R. D.
	Port and Date of Inspection. Ports et dates d'inspection.	Little Current, Ont	Red Pine Chate, P Q. 19-7-16	Dryden, Ont	Nakasp, B.C 6-6 16		Sorol, P.Q., 16	Montreal, P.Q	Vancouver, B.C.	Selkirk, Man	Charlottet.wn 10-4-16	Port Robinson	and Hulifar, N.S. 10-16 5-5-16	Vancouver, B.C.	Detroit, Mich	Montreal, P Q Brockville, 15-5-16 2-6-16
	Frado-No of Paes. Service- Nombre de paes.	Pass .	Warp tug.	Tug	Freight Pass.		Pleasure yacht.	forry.	Freight	Fish patrol	Buoy service	Tug	Freight and tug	Freight pass.	Pass. 2,360	I'ass freight.
	Where and when Buff - Mater al.  Annie et covertuction - Annie de charactuction - Buffers de la covertuction - Buffers de la covertuc	215 Pr.2 Wood 112 Mantowac, Wis	13 1893 Wood . 6 Simese, Ont.	2. 1912 Composite 19 Dryden, Ont.	955 Nakusp, B.C.	I, 694 IS90 Steel	15 1903 Wood 1: Three Rivers, P.Q.	206 Sorel, P.Q.	555 Vancouver, B.C.	323 Selkirk, Man	112 1899 Wood Buoy service	33 Port Robinson, Ont.	20. 1889 Steel 119 Dumharton, G.B.	222 Vancouver.	791 1906 Susd. 401 Wyandotte, Mich.	225 Sorel, P.Q.
	Nome of Veesed—Official No.—Port of Registry. Noms des anymes— Numbers officiels—Ports d'enegationen	Ron Ami 125936 Sault Ste Mane	Ronnechere 199435 Ottawa, Ont	Bonny Mac 134315 Kenora, Ont	Hommagton 131555 Ameonver	Extra Armouth, N. v.	Botrel 19924 Montreal, P.Q.	Boucherville, 90546 Montreal, P.Q.	-	Bradbury Winnineg, Man.	Brant 107785 Charlottetown	Brant. 116873 St. Catharnew,	Bridgewater 96081 Halifax, N.S.	Britannis 111995 Vancouver.	Britannis Detroit, Mich.	Britannic Collingwood.

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	PER No. 23				* 20	1 .	ь
B.C. Bullen, Victoria, B.C. C. Brown, Port Stanley, C. C. Brown, Port Stanley, C. Brown, Port Stanley, C. Brown, Port Stanley,	& Son, Yarnouth, Pederson and Vincent, Van- Fundy and Minas, S.S. Co., Canning,	N.S.  I. Randall, Seeley Bay, Ont.  Monarch Towing and Trad- ing Co., New Westmin- slor, B.C.	Araprior, Vancouver,	E. Hail, Montreal. A. B. Lauzon, Levis, P.Q.	Products, ip Lines	Improve-a. F. Craw-and, Ont.	Paper Q. Win
n, Viet lebee lat. Co.,	Son, Yarr derson a Vincent, dy and Co., Ca	Seeley ring and few We	, Ar Vane	troul. Levis	Pro Ship	Im nwa. J. F. tland	B. P.
Bulle id Qo on, O on, E	Son, eders Vinc	Seol	ılia Bros. Brown,	Moniuzou,	Fish don. team PC	Ottawa Co., Otta Frumb & J	Pulp Ang Ang Fish n.
B.C. Ballen, Via B.C. Debon, Oueboe Co., Pieton, Ont. torin, B.C. C. Brown, Fort St.	Ont. Chan & N.S. lolph P Robert couver. yy of Fuy of Fuy of Fuy Shasia S.X.	N.S. Randall, Ont. Ionarch To- ing Co., ster, B.C.	ehlia Bro	nall, B. Lø	naadiaa Pish Ltd., Lindon. anada Steams Montréal, PQ.	pper Ottawa Ir ment Co., Ottawa. has. Crumb & J. F ford, Port Maitlan	compton Pulp & P. Co., East Angus, P.Q. ominion Fish Co., V nipeg/Mun.
Harry F. Bullon B.C. Ontario and Que Co., Pieton, On Pacific Whaling torin, B.C.	Ont.  Port H. Cann & Son, Yarraouth, N.S. nily. Adolph Pederson and Robert Vincent, Van. conver. Brood Bridy and Minas, Hissis S.S. Co., Canning,	J. Ran Ont. Monarc ing (	McLachlia Bros., Ont.	F. E. Hall, Montreal C. A. B. Lauzou, Lev	Canadiaa Fish Pr Ltd., Ludon. Canada Steamship Montréal, PQ.	Upper Ottawa Improve- ment Co., Ottawa. Chas. Crumb & J. F. Craw- ford, Port Maitland, Ont.	Brompton Pulp & Co., East Angus, P. Dominion Fish Co., aipeg/Man.
Rupert.  Brighton and Prince Harry F. Bu Brighton and Prescott Ontario and Co., Picton, Consting	Varmouth and Port H. Cann & Son, Y. Clydo.  Vancouver harbour only. Adolph Pederson Robert. Vincent Consting, N.S		Cake KipawaVaneouvor and Straits of Georgia				
Presc	and rrbour		Strai		Fraser rivorSydney and coastwise.		
and and	Yarmouth a Clydo. Vancouver har Coasting, N.S.	annl	sawa. orand	Rivers and lakes. Quebee harbour	vor	Alumette Lake Lake Erie:	erior.
Vancouver Rupert. Brighton an Coasting Lake Erie	Yarmouth Clydo. Vancouver Coasting, N	Rideau eanal Fraser river.	Lake Kipawa. Vaneouvor and Georgia	ers ar bee h	Fraser rivor Sydney and	Alumette Lake Erie	dng o
Rul Rul Bri	Var Con	Rid Fra	. Lak	. Riv	. Syd	. Alu	Lake Superior
8	13.5	13.5	9.0	89.7	5.6	Paddle 21 Scrow 10.6	
Screw 81 Screw 13.5 Serew 45.6	Screw	Screw	Paddlo 0.6 Serow 6	Scrow 89.7 Scrow 6.3	Screw	Paddle Scrow	Serew
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6-6-16 8-5-17 26-5-16 20-5-17 12-3-18 20-10-16	13-9-17 12-4-16 12-4-17 16-3-17 6-3-18 13-8-17	30-5-16 16-5-17 24-7-16 17-7-17	30-8-16 19-7-17 17-2-17 2-1-18	16-6-16 25-4-17 11-10-16 25-10-16	24-4-16 14-4-17	31-5-16 21-5-17 Not issued	Not issued. 9-5-16 1-5-17
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H. G. R T. P. T. M. R. D B. M.	N. A. C A. McD A.E. H N. A. C	T. G E. H	IH	T %	A. E. H N. A. C	L. S.	J.A.S
H. G. M. R. B. M. B. M. I. B. M. I. B.	N. A. C. A. E. H N. A. C. A. MeD.	J. T. A. E.	J. E. J	T. P. T P. D J. A. S	A ZA	J. E. L	J.A.S.
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Vancouver, B.C 26-16 Kingston, Out 24-5-16 26-5-16 Victoria, B.C 13-3-17	Varmouth, N.S 12-4-16 19-4-16 Vancouver, B.C 7-3-17 Cuaning, N.S	Ottawa, Out 16-5-16 New Westminster.	Red Pine Chuto. 19-7-16 Vancouver, B.C., 16-2-17	Treaton, Out 16-5-16 2-6-16 Quebec, P.Q	New Westminster, 25-6-15 Loùisburg, N.S	Pembroko 21-5-16 Port Maitland, Ont	Garthby, P.Q 27-7-16 Sault Sto. Mario. 1-5-16
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Freight 10 Pass. Pass 350 Whaler	1 2	cht		ht.	ht.	ta E	Pishing tug.
Freight Pass  Pass  Whaler Fishing	Pass. 11 Tug	Freight.	Tug	Freight. Tug	Tug	Tug. Fish tug.	Figh
				Mich.		9	lich.
1903 Steel 3owling, G.B. 1898 Wood 1910 Steel Phristiana, Norway 1915 Composite	ort Stanley, Ont. 1898 Wood oekport, N.S 1890 Wood ew Westminster, 1901 Wood	od	od	od	inster	ont.	od
1903 Steel Sowling, G.B. 1898 Wood oronto, Ont. 1910 Steel hristiana, Not	ort Stanley, 1898 Wood ockport, N.S. 1890 Wood vew Westin 1901 Wood anning, N.S.	1911 Wood lingston, Ont 1905 Wood nacouver, B.	1909 Wood Jpawa. 1912 Wood, ancouver.	1890 Wood, fount Clemens 1999 Wood, evis, P.Q.	1912 Wood Vew Westinin 1909 Steel. Jumbarton, (	Cor oke, Woo	Wood
557 1903 Steel 191 1898 Wood 180 Toronto, Out 102 1910 Steel 37 Christiaan, Norway	43 FOrt Stanley, Ont. 25 Lockport, N.S. 27 1890 Wood 25 New Westminster, 27 Canning, N.S.	141 1911 Wood 73 Kingston, Out. 56 1905 Wood 38 Vancouver, B.C.	45 Hipawa. 28 Kipawa. 31 1912 Woc 23 Vancouver.	29 Hourt Clemens, Mich. 29 L909 Wood. 21 Levis, P.Q.	15 New Westininster, 15 1969 Steel	272 1887 Composito. 172 Pembroke, Ont. 40 1915 Wood 27 Stromness, Ont.	76 1901 Wood
557 222 191 88 102 37 64	45. 25. 25. 18. 73. 73.	141 73 J 56 38 \	25 1 23 2 23 V	1.539 959 N 29 12 L	24 1912 Wood 2,105 1909 Steel 1,590 Dumbarton, G.B.	272 172 I 40 27 S	
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British Columbia. 119063 Vancouver, B.C. 25 Brockville. 107421 Picton, Ont. 25 Brown. 131358 Liverpool, Eng. Brown Brose.	13372 Fort Stanley, Ont. 103715 Yarmouth, N.S 194902 Yancouver, B.C. Brunswick 112056 Windsor, N.S.	Buena Vista 130325 Kingston, Oat. Burrard 117018 New Westminster.		P.Q.	130498 New Westminster. A. Jaeques. 129497 Glusgow, G.B.	nes,	C. C. Wilson Not registered. C. E. Ainsworth 107485 Sault Sto. Marie.
ritish Columbia	Bruee Cana. 1937B. Yort Station, N. S. 1937B. Yarmouth, N. 19402 Vancouver, B. 112056 Windsor, N.S.	Buena Vista 136325 Kingston, Oat. Burrard 117018 New Westmins	Burwash 126463 Ottawa. Buster B 133715 Vancouver.	Byron Whitaker 134145 Montreal, P.Q. C. A. B. 126922 Quebec, P.Q.	I30498 New Westmins C. A. Jaeques 129497 Glusgow, G.B.	C. B. Powell. 92664 Ottawa. C. C. Llovd. (130290 St-Catharines,	d. Ste.
Yan Van Pict Live	Yarı Vanc	King New	Otta	Mond Mond Queb	New ques. Gluss	C. B. Powell 92664 Ottawa. C. C. Llovd (130290 St-Cathm	C. C. Wilson Not registered. C. E. Ainsworth 107485 Shult Ste
tish C 19063 ckvill 77421 wn	ee Cn 3715 mette. 4902 nswiel	0325 0325 rard	Burwash 126403 C Buster B 133718 V	4145 4145 B	0498 . Jae	1. Pov 2664 30290	ot reg
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## Table I-Continued.-Tableau I-Suite.

								,	8 GE	ORG	EV,	A.	1918
Namo and Address of Owners. Noms of adresses des propriétaires.	River and Wrs. E. J. Kennedy, Garden River, Ont.  J. R. Booth, Ottawn.	Douninion Coal Co., Sydney, N.S.	Finger Lumber Co., The Pas, Man.	Midland and Tonawanda Midland Transportation Co. Ltd., Midland, Oot.	Lake Eric and Suguenay Canada Shipping Co., Ltd., river. Lake Eric	Port Col. John Russell Smith, Fort William, Ont.	Cannda Stonmship Lines, Ltd., Montreal, P. Q.	John Weston O'Neil, Vun- couver, B.C.	Prosper Assolin et Al, Calu- met Island.	Eastern Steamship Corporation, Boston.	G.T. Legg, et al Vancouver, B.C.	G. M. Stearns, Lake Megan-	British Yukon Nav. Co., Ltd., Victoria, B.C.
Iknute.	Sto. Maria vicinity. Turtla river	Coasting, N.S	Saskutehowun river	Midland and Tonawanda	Lake Eric and Suguenay 'river.' Lake Eric	Dufuth and Port Col- borne.	Father Point & Duluth	Coasting, B.C	Calumet Island and Campbells Bay.	St. John and Boston	Coasting, B.C	Lake Megnatic, P.Q	Stern wheel Yukon river
Propulsion— N.1L.P. Propulsion— N. on IL.P.	25-9-16 Screw 2.1 Not issued. Paddle	Serew	Stern wheel.	Serow	Scrow	Screw. 80-1	Scrow 116	Screw	Serow	Screw 249.4	Screw 124.7	Screw 4	Stern wheel
Certificate: Issued— Expires. Cartificat: Délivrance— Expiration.	25-9-16 12-9-17 Not issued	26-8-16 1-8-17	28-7-16	26 5-16 6-5-17	13-7-16 10-6-17 Not issued	19-10-16 21-9-17	20-1-16 5-4-17	30-5-17	Not issued	18-5-16	14-2-17	Not issued .	26-7-16
Inspectors' Initials. Initiales des inspecteurs.	E. W. McK.	M. K. D.	G. P. P	G. M. A	IBS WE IBS	N.E.	W. J. Y G. P. P.	II. G. R		C. E. D.	А. Е. П	J. A. S.	IJ. G. R
Fort and Date of Inspection. Ports et dates d'inspection.	P.Q.	Sydney, N.S	The Pas, Mnn. 22-7-16		Port Colborne, Ont 13-5-18 10-6-16 Welland, Ont 8-11-18	Pt. Huron and Sarnia 22-9-16	Fort William 64-16 20-1 18	Vancouver, B.C31-5-16	Campbells Bay	Boston, Mass	Vancouver, B. C.	Mégaptie, P.Q. 5-6-16	White Horse, Y.T
Trade - No. of Pass. Service - Nombre de pass.	TugPass ing	Tug	Tug	Freight	Freight Fishing tug	Freight	Freight	Yacht	Ferry 10	Pass. 1,000	Freight and	Tug	Pass III
Where and when Built.—Macerial. Année et lieu de construction— Nature de la coque.	11 Brad River. 192 Wood 11 Brad River. 194 Rebuilt. Garden river.	So 1872 Wood	127 The Pas	385 INSI Wood	330 18-0 Wood , 932 Gibraltar, Mich 44 1912 Wood . 17 Erie, Penn.	2, 167 1888 Wood	2,328 1913 Steel. 1,302 Port Arthur, Obt.	11 New Westminster	12 Calumet Island	2, 854 Wilmington, Del.	369 Ind. Steel	23 1854 Wood	716 1898 Wood 455 Victoria, B.C.
Ton-	71 9	3 22	202	388	1,530	2,167	2.328	111	7 01	5.6	1,369 794 E	13	116
Name of Vessel—Official No Port of Registry Nons des navires— Numéros officials—Ports d'enverstrement.	C F Eddy	C M Wineh 1113 3 St. Johns, Nftd.	C. It Smith 131034 Port Arthur, On:	C. W Cha., berlun 8-571 Milhanl, Opt.	Caldera. St Catharnes.	Caledonia Sarnia, Opt	Calgarian 131.56 Port Arthur.	Call Creeks Pride 126796 Vancouver.	Calumet Island	Calvin Austin 127763 Bath, Mc.	Camewub 121214 Vancouver.	Campagia	Canadian 107094 Victoria.

SE z		JNAL _e_	J.	P.J.	No. 2	23 .ī	-ji	°o,	et	-jt	pur		bua			pug	St.		7.7
/ancouve	Lake Erie	Brockville,	Co., Ltd.,	Forests Pulp Mille Ltd.,	Public Works,	nship C	Co., Winni-	Gananoque,	m Packet ing.	Co., Winni-	lway	ad, Ont.	ne .	al, P.Q.	N.B.	ne .	So.,	Vav. Co.,	artion Co.,
et al 1	and Ly		paq	3ay For		n Stear I. P.Q.			Mail Steam Loadon, Eng	Fish C		, Midlar	of Ma s, Ottan	Montre	eed's Pt	of Ma	Sardine	nkon D	ransport ctoria, E
H. Wilbur, et al Vancouver, B.C.	Suffalo and Excursion Co.	John McGraw, Ont.	Lehigh C. Montreal.	Swanson Bay F	Ottawa. Minister of Ottawa.	Cape Breton Steamship Co., Montreal, P.Q.	Dominion Fish	D. W. Munroe, Ont.	Royal Mail Steam Co., London, Eng	Michi- Dominion Fish peg, Man.	Minister of Rai Canals, Ottawa.	J. Playfair, Midland, Ont.	6	Louisville and Montreal, L. Dugre, Montreal,	A. Pitt, Reed's Pt.,		St. Croix and Passamo-Canadian Surdine	British Yukon N.L. Ltd., Vancouver.	Cascade Transportation Ltd., Victoria, B.C.
H	Crystal Buffalo Excurs	- F	<u> </u>	<u> </u>		foreign C	<u> </u>	ચ	<u> </u>	Michi-D	<u> </u>	<u></u> :	Peter and Sorel Minister Fisheri	treal. L		gulf of St. Minister Fisherie	samo-C	<u> </u>	<u>Ö</u>
B.C	and C		rivers	et, B.C.	; harbou	and for	rior	Lawrence Juinte.		and	:	ау	cterand	aed Mor	t.to Rec	and gulf e.	and Pas	12d.y.	3.C
Coasting, B.C.	Ruffalo a beach.	Not stated.	Lakes and rivers	Rivers Inlet, B.C	Lunenburg harbour	Canadian	Lake Superior	River St. Lawi Bay of Quinte.	Foreign	Ower Sound picoten.	Canals	Georgian bay	Lake St. F	ouisville	Gendola Pt. to Reeds Pt.	Montreal and Lawrence.	Croix	Yukon river	Coasting, B.C
12 C		Z	94 L	9.4	:		:	:	:	:	:	:	:	:	- ; ·	- ;	:	<del>&gt;</del>	
Screw	Sorew	Screw	Screw	Screw	Screw47	Screw	Screw 22.4	Screw 13.5	Tw. screw, 245	Screw	Screw	Screw	Screw 28	Screw 2.1	Cable	Twin screw 98-6	Screw	Stn. Whl	Screw
10 ·7-16 6-7-17	$\frac{31-5-16}{29-5-17}$ .	14-6-16 2-6-17	27-4-16 10-4-17	5-6-16	17-7-16 5-7-17	5-9-16 $31-8-17$	Not issued	10-7-16 1-7 17	16-11-16 16-11-17	8-5-16 26-4-17	29-6-16	30-9-16 23-9-17	Not issued	Not issued	1-8-16	Notissned		14-7-16 12-7-17	7-12-16 5-12-16
A. E. H	I. B. S	T. P. T	J. E. L P. D.	H.G.R	N. A. C	D. J. M	E. W. McK.	T. P. T	D. J. M. A. McD	E. W. McK.	J. T. G	G. M. A	F. X. H	. х. н	C. E. D	A. S	C.E.D	E 10	B.M
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r, B.C	N. Y. 29-5-16	3, Oat	P.Q.	3-6-16 3-6-16	5-7-16	N.S. 31-8-16	ten Islan 5-9-16	Ont	N.S. 14-11-16	und, Ont	P.Q	Ont	9-4-16	P.Q. 27-5-16	2t., N.B	P.Q 19-4-16	Stephen, N.B. 16-5-16	Y.T. 13-7-16	B.C.
Vancouver, B.C	Buffalo, 1	Brockville, Ont. 7-6-16	Mostreal, P.Q	Vancouver, B.C 3-6-16	Lunenburg, N.S. 5-7-16	Sydney, 1	Michipicoten Island 15-9-16	Kingston,	falifax, №	Owes Sound, Ont.	Montreal, P.Q. 4-5-16	Midland, Ont	Sorel, P.Q	Sorel, P.C	Condola Pt., N.B	uebcc, F	St. Stephe	Dawson,	Victoria, B.C.
	:		:	:	:	:	Fishing tug.		Pass. freight Hallfax,	:				:	01	Govt. Surv. Quebce,	Pass. freight S	09	:
Tug.	Pass. 3,500	Yacht.	Freight.	Tug	Tug	Freight	Fish	Y. Tug.	Pass. 300	Pass	Tug	Yacht	Tug	Freight.	Ferry.	Gov	Pass	Pass	Freight.
d inster	eel	d	d	d	Z.S.	G B.	d	d. Say, N.	land.	d	db	dt.	d	Wood. P.Q.	Wood. Poiet, N.B.	eel	d N.S.	d. Y.T.	d.c.
64 1907 Wood	974 1910 Steel. 427 Buffalo, N.Y.	10 1915 Wood 6 Kingston. Opt.	1,748 1887 Wood. 1,051 Detroit, Mich.	56 1907 Wood 38 Vancouver, B.C.	225 1910 Steel 47 Yarmouth, N.S.	90 Steel	58 1902 Wood 39 Goderich, Out.	30 1895 Wood	4,890 1894 Steel 2975 Belfast, Ireland.	597 1904 Wood 371 Goderich, Opt.	12 Wood.	14 1908 Wood. 49 Midland, Ont.	62 1902 Wood. 39 Sorel, P.Q.	97 Wood.		656 1910 Steel 234 Newcastle-op-Tyne	39 1912 Wood 34 Mahone Bay, N.S.	790 White Horse, Y.T.	2 Wood
64 19 41 Nev	974 427 Bufi	10 6 Kin	748 18 051 Det	56 19 38 Van	225 19 47 Xar	1,764 1890 1,108 Sunder	58 19 39 God	30 18 20 Alex	890 18 975 Belf	597 19 371 God	41 1912 24 Ottawa	114 1908 49 Midlar	62 39 Sore	104 1907 52 Three I	19 1912 14 Reed's	856 234 New	39 19 34 Mah	1,079 19 790 Whit	110 1902 81 Vancou
<del></del>	:	+ .		:	•	:	;	:	-41 C.1		:	:	:	:	-:	:		1.0	-
ver.	U.S.A.	Brockville, Oat.		/er, B.C	th, N.S	-	h, Out.	, Ont.	ton, G.	e. Marie				0	N.B.		rews, N	B.C.	B.C.
Vancour	Buffalo	Brocky	Montres	Vancour	Yarmon	Montrez	Goderic	sgar	utham	Sault St	Ottawa.	Midland	Moetrea	Sorel, P	st. John	Ottawa.	st. And	Victoria	/ictoria
Cabadiau. 122533 Vancouver.	Canadiaoa. 207479 Buffalo, U.S.A.	Canna	Canobie Montreal.	Canpae. 122524 Vancouver, B.C.	Canso 126803 Yarmonth, N.S.	Cape Bretor 97808 Moetreal.	Captaia Jim. 107139 Goderich, Opt.	Captain Visgar 137983 Kingston, Ont.	Caraquet. 104040 Southampton, G.B.	CaribouI16249 Sault Ste. Marie.	Carillob	Carlotta	Carmilia	Carolina	Carrie Helen- 130638 St. John, N.B.	Cartier	Casarco No. 3. 131194 St. Andrews, N.B.	Casca 103919 Victoria, B.C.	Cascade
ပို	ర్ 23-	$-3\frac{1}{2}$	S	Ca	Ca	Ü	Ca	S	20 20 20 20 20 20 20 20 20 20 20 20 20 2	Ca	Ca	Š	Car	Car	Cay	S	Cas	Ö	C. T.

## Table I Continued .- Tableau I-Suite.

	8 GEORGE V, A. 1918
Name and Address of Owners. Noms et alresses des propriétaires.	Montreal and Gulf of St.  Lake Erie & Detroit W. II Califeld and R. Mashiver.  Vancouver and King- G, T. Legg, Vancouver, B.C.  Omangan Lake.  Okanagan Lake.  Okanagan Lake.  Okanagan Lake of the Woods.  Upper Ottawa Improvement Co., Ottawa.  Toronto and Lewiston  Ningara Nav. Co., Toronto, Out.  St. Lawrence river  L. II. Simpson, Brockvillo, Out.  Vancouver and Prince Coasting Steamship Co., Ruper of Georgin.  Coasting, N.B.  A. Boutillier, Centreville, N.S.  Valleyfield and Lancas Gelestin Lebrul, Valley- fer, Foreign-going  Royal Mail Steam Packet Co., Lawrence river  Royal Mail Steam Packet Co., Lawrence river  A. Boutillier, Centreville, N.S.  Kalleyfield and Lancas Gelestin Lebrul, Valley- fer, Royal Mail Steam Packet Co., London, Eng.  R. Lawrence river  Royal Mail Steam Packet Co., Lawrence river  Royal Mail Steam Packet Co., Lawrence river  Royal Mail Steam Packet Co., Lawrence river  Royal Mainster of Marine and Fisheries, Ottawa.
Route.	Montreal and Gulf of St. Canada Lawrence. Lake Frie & Detroit W. H. Ce Bigger Ottawn river Can. Pac Obnangan Lake Upper Ott Upper Ottawn river Upper Ot Co., Ot Lake of the Woods J. W. Sh Toronto and Lewiston Ningara. St. Lawrence river f. H. Si Ont. Vancouver and Prince Coasting Vancouver and Frince Coasting Vancouver and Tancas Celestin Vancouver and Tancas Celestin Vancouver Annual Coasting Vancouver Annual Cancada Vancouver Annual
Propulsion— N.H.P. Propulsion— N. en H.P.	
Certificate: Issued— Expires. Certificat: Délivrance— Expiration.	26-16-16 Serew 10-9-17 Serew 15-10-17 Serew 15-10-17 3-3 29-2-17 Serew 15-10-17 3-3 29-5-16 Serew 29-5-16 Serew 31-5-17 3-3 29-5-16 Serew 31-5-17 Serew 31-5-17 Serew 31-5-17 Serew 31-5-17 Serew 31-5-17 Serew 31-5-17 Serew 31-1-18 Serew 15-3-18 Serew 15-3-18 Serew 11-3-17 Serew 11-3-17 Serew 11-3-17 Serew 11-3-17 Serew 11-3-17 Serew 11-3-18 Serew 11-3-19 Serew 11-3-19 Serew 11-3-10 Serew 31-11-18 Tw. ser. 31-11-18 Tw. ser. 31-11-18 Serew 31-11-18 Serew 31-11-18 Serew 31-11-18 Serew 31-11-18 Serew
Inspectors' Initials. Initiales des inspecteurs.	1. 1. A. S
Port and Date of Inspection. Port et dates d'inspection.	Pass   Quebee, P.Q.   1-5-16     Freight and Vancouver, B.C.   1-10-16     Pass   H.   Okanagan Lanling, B.C.     Tug.   Pembroke, Ont.     Pass   Toronto, Ont.     Freight   Ancouver, B.C.     Freight   Vancouver, B.C.     Freight   Vancouver, B.C.     Pass   James     Pass   James     Pass   James     Tug.   Vancouver, B.C.     Pass   James     James
Trade-No. of Pass. Service - Nombro de pass.	Passe Freight And Passe 144 Tug Tug Tug Freight Freight Passe Tug
Where and when Built Material. Année et lieu de construction— Nature du la coque.	
Ton-	25 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Name of Vessel—Official No.—Port of Registry. Noms des navires. Numbere offinels—Ports d'ontegistrement	1.849   1895   Steel     1.840   1895   Steel     1.850   Wood     12619   Windleor, Ont.     12619   Windleor, Ont.     12619   Windleor, Ont.     12619   Wood     12619   Windleor, Ont.     12619   Wood     12619   Wood     12626   Vancouver     12626   Vancouver     12626   Windleor     12627   Windleor     12627   Windleor     12628   Windleor     12628   Windleor     12629   Windleor     12629   Windleor     12629   Windleor     12629   Windleor     12620   Wi

SES	SION	AL PA	PER N	lo. 23	3												
Pulp John,	et In- , P.Q.	Co.,	pus	Co.,	°.°°	y Co.,	Ste.	°°°;	Sault	nptoe,	it.	Navigntios Co., Ltd.,	N.Y.	ımber	Mont	, P.Q.	, Bo
dward Parkington, Pulp and Paper Co., St. John, N. B.	ime Levis,	Steamship , P.Q.	Mariae tawa.	Lumber	Dredgiag	Quebec and Levis Ferry Co., Quebec.	, Sault	Transfer	vood, nt.	D McDonald, Southamptoe, Oat.	Carew, Lindsny, Ont	Navi Co.	F. and C. Fix, Buffalo,	Victoria Harbour Lumber Co., Ltd., Toronto.	Vancouver and Can Pacifie Railway, Montreal.	J. Beaudoié, Montreal, P.Q.	R. Ross, Port Robiason Ont.
Parki per C	La Cie Maritime dustricllo de Levis,	ajestic Steam Montrcal, P.Q.	inister of Mari Fisheries, Ottawa.	agno I		nd Lev	A. B. McLean, Marie, Out.		S. L. Penhorwood, Ste. Marie, Ont.	nald, S	Linds	ٽہ ۾	Fix, E	ictoria Harbour L Co., Ltd., Toronto.	ібе Ка	oia, Me	Port 1
Edward nnd Pa	Cie lustric	jestic	nister Tisberî	Montreal & Charlemagne Charlemagne Montreal.	Continental Montreal.	aebec aa Quebec,	B. McLes Mario, Out.	Ogdens- Can. Pac. Prescott.	L. P	MeDo Oat.	Carew,	uskoka lakes and Hotel Toronto, Ont	and C.	toria 30., Lt	an Paci real.	Beaude	. Ross, Ont.
PE		bu-Ma	Mur-Minister Fisheri	gue Ch	<u> </u>	<u></u>		ns-Ca	<u>x</u>	<u>a : : : : : : : : : : : : : : : : : : :</u>		Mu		.: .:	nd Ca		
	rthior.	ınd tril		ичетя		vis	:	Ogde	:	:	:		rt Erie	:	эпуег а	orol	
river.	and Ber	river a	uelle a	& Cba	caaal	ind Le	ıkes	pag	river.	rob	luu1	Lake:	nd Po	bay	Vane	s pan	Canal
St. John river.	Quebee and Berthior	St. John river and tribu- Majestic taries,	River Ouelle and ray Bay.	ontreal	Welland canal.	Quebec and Levis	Great Lakes.	Prescott burg.	St. Mary river.	Lake Huron	Treat Canal	Muskoka Lakes.	Buffalo and Port Erie	Georgian bay	Vietoria. Comox.	Montreal and Sorol	Wellund Canal
-	<u>~</u> .:.			:	:	<u>ĕ</u> ::	:	:	:	<u> </u>	<u>e</u> ::	<u> </u>	<u> </u>	:	<u> 5                                    </u>	<u>×</u> ::	:
Pdf. 36-3	11.0	Screw29	Serow	Screw 37.5	Screw 10.8	Screw	Serew. 32.6	Tw. screw, 161	Screw 7.5	Screw	Pdl8	Screw 8.2	Screw 6.5	Screw	Screw 150	19.2	Screw 10.8
	Pdl.			Sere	Sere		:									Pdl	Sero
20-5-16 19-5-17	25-4-16 25-4-17	18-4-16 18-4-17	Not issued	Not issued	Not issued	$\begin{array}{c} 30 - 12 - 16 \\ 22 - 11 - 17 \end{array}$	Not issued.	22 - 6 - 16 $19 - 6 - 17$	$\frac{1-8-16}{25-7-17}$	Notissued	Not issued.	5-8-16 $26-5-17$	10-1-17 19-6-17	Not issued	30-6-16 12-6-17	27-6-16 26-6-17	Notissued
		::		Not	Non Not					Not		:		: Not		:	Not Not
E. D	s	C.E.D	C.E.D	J. E. L	02	J. A. S P. D.	W. MeK.	T. P. T	W. McK.		P. T	M. A D. A.	E	M. A	W. J. C	E. L	02
C	I. A. S P. D.		C.E.	<u></u>	. J. B.		pi,	. H	<u> </u>		 T.T.		<u>×</u>	<u></u>	<u>×</u>	1.0. H.	J. B.
					Oat					nt	45	1t	:				)at
N.B	P.Q	N.B. 6-4-16 18-4-16	23-3-17 23-3-17 P.Q. 20-12-16	P.Q.	binson, (24-10-16	0.0-11-16	Ste. Mario. 3-5-16	Oat	13-5-16 Marie 25-7-16	otoa, O 26-9-16	24-8-16	11:st, On 26-5-16 ling, On	6-7-16 Ont 8-1-17	harbour 20-9-16	B.C	26-6-16 19-6-16	lborne, O 27-10-16
St. John, N.B	Quebec, F	St. John,	2ad inspection. 23–3–1 Quebec, P.Q 20–12–1	Montreal, P.Q 11-4-16	Port Robinson, Oat. 24-10-16	Quebec, P.Q	ılt Ste	Prescott, Oat	15-6-16 Sault Ste, Marie. 25-7-16	Southampton, Ont 26-9-16	Bobcaygeon, Ont 24-8-16	Gravenburst, Ont. 26-5-16 Port Carling, Ont.	6-7-16 Fort Erie, Ont 8-1-17	Victoria harbour 20-9-16	Victoria, B.C	Montréal, P.Q 26-6-16 19-6-16	Port Colborne, Oat. 27-10-16
St.	:		2ac Qu	Mo			Sault	:	Sar	Sor	Bol	Gr	:	Vie	Vic	;	Por
t-0	484	Pass, freight 370	* * * * * * * * *	Tug	Tug	Car ferry	Tug	Car ferry 69	Tug	Fishing boat.	Allr. tug.	Pass	Ferry str.	50	Pass	Pass	Tug
Tug	Pass.	- Pa	Pass	Tu	1.	:	Tu	<u>Ö</u>	Tr	Fis b	- IZ	Pæ	Fe	Tug	- F.	Par	
3.		, 0		70	48 1874 Wood 33 St. Catharines, Ont	h.	Mich.			Ont.	:	Oat.	7	1 #	Out.	ilt.	B.
Wood B, N.]	Steel P.Q.	Wood field, l	N.S. 1904 Steel aisley, G.B	1891 Wood.	1874 Wood St. Catharines,	Wood t, Mie	1881 Wood.	Steel	Wook 5, N.Y	1904 Wood. wea Souad, (		Wood	W000 N.Y.	Woo	steel	Steel	P.Q. Wood
190 1880 Wood 120 St. Joha, N.B.	482 1897 Stee 304 Levis, P.Q.	392 1897 Wood 267 Valleyfield, P.Q 3 913 Metighan,	522 1904 Steel 225 Paisley, G.B	76 1891 Wood 52 Moatreal, P.Q.	1874 St. Ca	1,489 Wood 951 Detroit, Mich.	47 1881 Woo 23 Saugatuck,	1,658 1908 S 1,127 Toronto.	18 Buffalo, N.Y.	16 1904 Wood		30 Gravenhurst, Oat.	39 1912 Wood 27 Buffalo, N.Y.	389 1862 Wood 265 Chicago, 111.	Collingwood, Out. 1887 Steel San Francisco.	332 1893 Steel 170 Montroal, P.Q. 1907 Rebuilt.	Sorel, P.Q. 1911 Wood 34 Port Robinson.
120	482	392	522 225 225	76	33	1,489	500	1,658	78	16		30	39	389	1,014	332	16 K
			:	:	Ont		arie.		arie.	Out.			i.				OBt.
a, N. B	e, P.Q	N.B.		eal.	strong.	e, P.Q	Ste. M	ott.	r. Ste. M	stanley	d)	9	N. N.	r, Oat.	. <u> </u>	eal, P.	harines
Champion 80017 St. Joha, N.B.	Champion. 103975 Quebec, P.Q.	Cbamplnin	hamplain 116999 Ottawa.	Charlemagno	Charles E. Armstrong 97008 St. Catharines, Ont.	Charles H. Shaw 134492 Quebec, P.Q.	Charles Halliday	Charles Lyon	Charles W. Riter	Charlie Jones	Charlie L. (Not registered).	Charlie M	Charlotte 201308 Buffalo, N.Y.	Charlton	Victoria	Chateauguay	Chatson 1302 <b>92</b> St. Catharines, One.
umpion 017	ampior )3975	amplni 956 St	Champlain	arlema 00180	urles E	arles H	arles II	harles L	barles W 134194	arlie Je 1860	arlie L Not res	arlie M 3676	rlotte 1308	irlton.	Charmer	ateaug 3009	14308.
C E	Cb	Cb 103	Ch.	Ch.	Ch	C C	Chu	Ch	Ch	Chi	Cha	Ch	C S S	CP	Ch.	Ch	5

Table I—Continued.—Tableau I—Suite.

Name and Address of Owers. Nome et adresses des propriécaires.	Royal Mail Steam Packat Co., London, G.B.	Union Steamship Co. of B. C. Ltd., Vancouver, B.C.	Halifax and Dartmouth. Dartmoath Forry Commission, Dartmouth, N.S.	Prince Union Steamship Co., Ltd.,	Muskoka Lakes Nav. and Hotel Co., Toronto, Ont.	Arrowhead to Halls Idg. Hall Bros. Arrowhead, B.C.	Daniel Manro, Windsor, N.S.	Ningara Navigation Co., Ltd., Foronto, Ont.	Straits It. Cunninglam, Port Es-	J. N. Pugeley, Paresboro, N.S.	Royal Mail Steam Pucket Co., London, G.B.	Ningara Nav. Co., Ltd., Toronto, Ont.	C. F. Stanton and P. L. Glover, Port Stanley, Ont.	Shives Lambar Co., Campbellton, N.B.	W. E. Beaton, Ottawa.
Route.	Foreign-going	Vancouver! and King- come Inlet.	Halifux and Durtmouth.	Vancouver and Prince Rupert.	Maskoka lakes	Arrowhend to Halls ldg.	Bay of Fundy	Toronto and Lake On-Ningara Navigation tario ports.	Vancouver and Straits of Georgia	Bay of Fundy	Foreign going	Toronto and Lewiston	Lake Eria	Restigouche river	Rideau canal
Propulsion— N.H.P. Propulsion— N. en H.P.	Screw 310	Scraw 58	Tw. screw	Tw. scraw	Tw. serew	Screw	Serew	Pdl. 194-4	Screw 21.1	Screw 16-7	Tw. screw	Pdl. 145-2	Scrow 16.6	Pnddle	Serew. 2
Certificate: Expires. Certificat: Délivence. Expiration.	15-5-16	24-6-16 19-6-16	18-9-16	10-3-17	Not issued	26-5-16	31-3-17	Notissned Pdl	17-7-16	21-6-16 22-6-17	14-12-16	Not issued	12-10-16 14-9-17	2-9-16 30-12-17	Not issued
Insepctors, Initials. Initiales des inspecteurs	N. A. C. A. McD.	A. E. II	N. A. C A. McD.	A. E. II A. E. II.	G. M. A	W. J. C	N. A. C	G. M. A	A. E. H	N. A. C	N. A. C A. McD.	G. M. A W. E.	J. B. S	C. E. D	J. T. G
Port and Date of Inspection.  Part of dates d'inspection.	Halifax, N.S	Vancouver, Il.C	Dartmouth, N.S.		:	20.9	Windsor, N.S. 30-3-17	Toronto, Ont.	Vancouver, B C	Hantsport, N.S.	Halifax, N.S. 9-12-16	Toronto, Ont	Port Stanley, Ont	Campbellton, N.B	Ottawa 8-6-15
Trado—No. of Pass. Service— Nombre de pass.	Passa. 210	Freight. Pass. 162	Ferry	Freight	Pass	Freight	Tug	Pass	Tug	Tug	Pass244	Pass 2,060	Fishing boat.	Tug	Tng
Where and when Built Natorial. Année et lieu de construction— Nature do la coque.	4, 61s 1899 Steel . 2, 499 Middlesboro, G B,	1916 Steel	578 1897 Steel. 184 Glasgow, G B	1,131 1911 Steel	328 1907 Steel	C	1800 Wood	1984 Iron 540 Liverpool, G B.	39 Victoria, B.C.	36 Port Greville, N.S.	1893 Stoel	1,514 1,93 Sterl	36 Col ngwood, Ont.	36 Mission Point, P.Q.	1912 Rockland,
Fon-	4,015	403	575	1.131	32%	<u> </u>	36.50	540	38	98		1.514			8121
Name of Vessel-Official  o-Port of Registry.  Noms des navies  Nambres officiels—Ports d'enregistrement.	Chaudiere 123693 London, G B.	Cheakamus. 130,303 Vancouver, B.C.	Chebucto 108633 Halifax	Chelohsin	Cherokee. 123973 Toronto, Ont.	Checlatta. 134290 Victoria, B. C.	Chester Windsor, N.S.	Chicora. S3559 Halifax, N.S.	Chieftain 94520 Victoria, B.C.	Churacto	Chignecto Southampton, G B	Chippewa, Ituzza Toronte, Ont.	Choctaw Stanley, Ont.	Christiania Sichibacto, N.B.	Chummy.

C	E (	25	0	N	Δ1	P	ΔΕ	PFF	N.	o. 23

36	33:01	NAL I	FAFE	in in		,					_	m					,	
Colling-Public Works Department, Ottawa.	N.S. Cornell and H. Taylor, Port Stanley, Ont.	Playfair Preston Co., Midland, Oat.	Wm. F. Kulby, Port Dover, Oat.	John S. McQueen. Amherstburg, Oat.	J. Walter, Edmonton, Alta.	ohn Cunningham, Gondette.	Canada Steamship Lines, Ltd., Toronto.	F. G. and C. A. Thulin, Luad, B.C.	. F. and A. Perks, Meaford, Ont.	Northern Nav. Co., Collingwood, Ont.	Lade Shore Sand and Gravel Co. Ltd., Toronto, Ont.	Canada Steamships Lines Ltd. Montreal P.O.	Prince Albert Lumber Co., Prince Albert, Sask.	Pacific Coast Steamship Co., New York.	White Star Line, Detroit.	Johnston and Carswell, Vornon, B.C.	Strnits Const Stenmship Co., Vnn- couver, B.C.	and F. F. and Chas. Fix, Buffalo.
Kingston to Colling-P	Lake Erie	Midland and Parry P Sound inside channel.	Lake Erie	Amhersthurg and vici-John S. nity.	Saskatchewan river J.	Lake Kipawa Jo	Lakes and rivers C	Vancouver & Lund, B.C. F	Owen Sound, Colling- J wood and Providence	Colliagwood and Sault Nario.	Toronto hay I	Lakes and rivers	Saskatchewan river F	U.S. and Canadian ports	Toledo and Port Huron. W	Long take Jo	Vancouver and Strnits C	Buffalo harbour and F
Screw 19-7	Screw13.5	Screw 10.7	Screw_15.4	Screw 9	Stern wheel	Screw 7.5	Screw80.6	Screw	Screw 28.1	Screw	Scrow 19.2	Screw 80.6	Paddlo	Screw 150.5	Paddle	Screw6	Scrow 10.7	Screw. 7.5
Notissued	6-4-17 13-9-17	12-8-16 10-8-17	Not issued	Not issued	7-8-16	26-9-16 19-7-17	26-4-17	13-6-17	8-5-16 $2-5-17$			18-4-17	31-8-16 30-8-17	8-4-16 28-3-17	18-7-16 24-6-17	Not issued	22-4-16 9-4-17	16-8-16
G.M.A	J. B. S	G. M. A S. D.A.	J.B.S	J.D	J. T. M.	J. E. L. M. R. D.	G. M. A W. E.	A. E. H	E. W. McK. S. D. A.	≥ ,	S. D. A. G. M. A W. E.	F. X. H	W. E. J. T. M	B. M. B. M.	J. D. W. E.	W. J. C	A.E.H	J. B. S
Toronto, Ont	Port Stanley, Ont		Port Dover Ont	Amherstburg, Ont	:	Red Pine Chute	Toronto, Ont	Vancouver, B.C	Owen Sound, Oat			Sorel, P.Q 18-4-16 Toronto, Ont	Sask	Seuttle, Wash		Z3-b-16 Long Lake, B.C.' 4-5-16	Vancouver, B.C	Buffalo, U.S.A
Yacht	Fishing boat.	Pass	Fishing tug.	Freight	Pass. 550	Pass and freight.	Freight	Tug	Pass. 98	Pass	Freight	Freight	Tug	Freight	Pass. 1,954 Ex-	Tug	Freight	Pass 327
23 Toronto, Ont.	25 Collingwood, Oat.	1900 Wood 1908 Midland, Ont.	55 Port Dover, Oat.	132 1872 76 Walkerville, Ont	301 1909 Wood	38 1908 Wood	1,574 1871 Iron 869 Buffalo, N.Y.	34 Lund, B.C.	328 1906 Wood	974 1890 Wood 662 Collingwood, Ont.	199 Cleveland, Ohio.	1,529 1871 Iron. 838 Buffalo, N.Y.	141 1906 Wood	1,411 1890 Steel 768 Philadelphia, Ph.	Steel	19 1908 Wood	72 1899 Wood	89 1008 Steel
		42		133	301	888	1.574	34.8	2228	974	292	1,528		1,411	796	99	72	
Cingalee 126419 Toronto, Ont.	Cisco 121960 Port Stanley, Oat,	City Queen 111561 Toroato, Ont.	City of Dover, 126647 Port Dover, Oat.	City of Dresdea 126197 Windsor, Oat.	City of Edmonton 126448 Kenora, Ont.	City of Haileybury	City of Hamilton	City of Lund	City of Meaford 117082 Collingwood.	City of Midland	City of New York 116393 Cobourg.	City of Ottawa	City of Prince Albert, Sask.	City of Seattle	City of Toledo	City of Vernon 122400 Victoria, B.C.	Chusman 107711 Vancouver, B.C.	Clurence Fix. 205430 Buffalo, N.Y.

Table I-Continued.—Tabled I-Suite.

												0 0	LUN	GE, V,	A. 1910
	Name and Address of Owners. Nome et adresses des propriétaires.	Toronto Ferry Co., Toronto.	Straits Vancouver Tug and Burge Co., Vancouver, B.C.	J. A. Gregory, Lancaster, N.B.	Straits Wm. N. Coughlin, Van- couver, B.C.	Dept. Public Works. Ottawa.	Sable and Spanish Boom & Slide Co., Ltd., Spanish,	Fraser River Pile Driving Co., Ltd., New Westmins-	St. Mungo Canning Co.,	Southern Salvage Co., Liverpool, N.S.	Black Diamond Steamship Co., Montreal.	Wm. Ritchie, Three Rivers, P.Q.	L. Hoffner, Halifnx.	Farrar Transportation Co., Ltd., Collingwood, Oat.	LaTraverse de Levis, Levis, P.Q.
	Routo.	Torouto buy	Vancouver and Straits of Georgia.	St. John river and harbour.	Vancouver and Straits of Georgia.	Rivers	Spanish river mouth	Fraser River	Fraser river	Consting, N.S	Cousting, N.S.	St. Maurico river	Halilax, N.S	Port Colborne and Duluth,	Quebec harbour
	Propulation— N.H.P. Propulation— N. en H.P.	Serow 13.5	Screw 26.9	Serew 16.7	Serew	Serew. 7.5	Screw 16.7	Serew 9.1	Scrow 2.4	Serew 16.7	Screw	Screw6	Scrow. 18-4	Screw	Serew 87-1
	Certificate fasued— Expires. Certificat: Déliverance— Expiration.	14-6-16	5-6-16	14-4-16	17 5-16	Not issued.		28-9-16 16-9-17	214-17	Not issued	5-9-16 28-2-17 27-3-17	28-8-17 Not issued	25-8-17		14-11-16
-	Inspactors Intible. Initiales des inspecteurs	J. B. S W. E.	H. G. R	C. E. D	A B H		E. W. McK. Not issued	H G R	A. E. H	N. A. C.	D. J. M. A. McD. D. J. M.	D. J. M. F. X. H	D. J. M	W. J. V G. P. P.	P. D.
	Port and Date of Inspection. Ports et dates d'inspection.	Foronto, Ont.	Viancouver, B C	St. John, N.11	Vancouver, B C.	Ste. Annes, P.Q. 1-8-16	Cutler, Ont	New Westminster, B C. II G R 28-9-16	Now Westminster, B.C., A. E. II. 27 4 16	Liverpool, N.S.	Halifax, N.S. 16-8-16 31-8-16	0	Halifax, N.S 25-11-16	:	Freight and Levis, P.Q., 4-11-16 600 Quebec, P.Q., 13-11-16
	Trade—No	Pars. 231	Tug	Fug	Tug	Tug.	Tug	Tug	Tug	Wrecking	Freight	Tug	Lighter	Freight pass.	Freight and pass.
	Where and when Built Material Annés et heu Greenstrueton Nature de la coque	1901 Wood . Forunto, Ont.	55 1906 Wood 51 Vancouver, B.C.	Parrshoro, N.S.	7.	1909 Wend	1903 Word . 1906 Malland.	1902 Word	19 New Westmarter, BC	73 19 Mood	659 Sunderland, G.B.	24 1913 Wood 11 Three Rivers, P.Q.	30 Haldax, N. S.	4,520 1907 Steel 3,450 Collingwood, Ont.	338 Levis, P.Q.
	Ton	300	12.15	7=	20 = 7	35	48	85	10	110	E.063	Ç1	3.08	3,4%	333
	Name of Assael Oriental No. Port of Registry Voins des natures Numbers offends Port d'onegistrement	Clark Brost 900sf Property, Out.	Claybura 12174 Vanceaver, B C.	Clayton 111679 Paresboro, N.S.	Cleave. 193750 Vancouver, B.C.	Chiffsule Dinana	Clipper 116280 Toronto	Chye 111903 New Westminster	Clutha 111957 New Westminster	Constraind 116651 Bonnington, N.S.	Coban 36071 Montreal, P.Q.	Colin R 134142 Montreal, P.Q	Collector yes 03 Huldax, N.S.	Collingwood 117089 Collingwood, Ont	Colomb 125926 Quebec, P.Q.

SES	SSIO	NAL	PAP	ER No	o. 23													
Eligh and Harris, Burri'ts	Canadian Pacific Railway, Co., Montreal.	Detroit and Windsor Ferry Co., Detroit.	Const Steamship Co., Ltd., Vancouver, B.C.	J. Ganley, Sault Ste Mario, Ont.	and B.C. Mills Tug and Barge Co., Vancouver, B.C.	Jervis The Union Steamship Co., Vancouver, B.C.	F. E. Hall, Montreal, P.Q.	Conger Coal Co., Toronto, Ont.	Maritime Steamship Co., Blacks Harbour, N.B.	Fenn and Anderson, Brace-bridge, Ont.	Minister of Marine and Fisheries, Ottawa.	Union Steamship Co., Van- couver, B.C.	Donnelly Wrecking Co., Kingston.	Niagara Navigation Co., Toroato,	John Harrigan, Pt. Dalbousie, Ont.	Corunna Shipping Co., Halifax.	Straits Coutil Shipping Co., North	King-G. T. Legg, Vancouver, B.C.
Rideau caaal	Arrow lakes	Detroit river	Vancouver and Straits of Georgia.	Batchewana and Thessalon.	Vancouver, B.C., and Anyox.	Vuncouver and Jervi falet.	Lakes and rivers	. Lake Oatario and Eric.	Coasting, N.B	Muskoka lakes	River St. Lawrence	Vancouver and Prince Rupert.	St. Lawrence river	Toronto and Lewiston.	Welland canal and Lake John Harrigan, Ontario.	Halifax and coastwise.	Vancouver and Strait of Georgia	Vancouver and King come Inlet.
Screw9.6	Screw	Screw	Screw 10.7	Screw.	Serew 52.3	Screw 23.6	Screw	Screw 48.1	Screw	Serew_10.7	Twin screw	Serew 28.6	Paddle.	Paddle 300.8	Serew 25.7	Screw 98.5	Screw 28.2	Twin screw
15-9-16	26-5-16 5-5-17	Not issued	18-9-16 12-9-17	Not issued	17-3-17 1-3-18		25-5-16 25-5-17	30-3-17	9-3-17 8-3-18	Not issued	Not issued	5-2-17 2-2-18	Not issued	Not issued	30-6-16 9-6 17	29-3-17 27-4-18	8-5-16 5-5-17	8-8-16
J. T. G	W. J. C	J. D. W. E.	A.E.H	E. W. McK.	H. G. R	A E H	A. E. H. T. P. T. P.D.	J. B. S	C. E. D	G. M. A	F. X. H	A. E. H	T. P. T	G. M. A W. E.	J.B.S	N. A. C A. MeD.	A. E. H	A. E. II
Ottawa, Out	Nakusp, B.C 6-5-16	Windsor, Oat	New Westmiaster, B.C. 18-9-17	Sault Ste. Marie, Ont	Vancouver, B.C	Vancouver, B.C	(3rd inspection). 27-3-17  Trenton, Ont 25-4-16	Toronto, Ont.	St. John, N.B.	Supply boat Gravenburst, Ont	Sorel, P.Q. 14-4-16	Freight and Vancouver, B.C.	Portsmouth, Oat	Toronto, Ont	Pt. Dalhousio, Ont 9-6-16	Halifax, N.S	North Vancouver	Vancouver, B.C
Tug	Tug and	Pass	Freight	Tug	Tug	Freight Pnss 70	Freight	Freight	Freight and St. John, pass.	Supply boat	Tug	Freight and	:	Pass. 1,456	Tug	Freight	Tug	Pass
9 1880 Wood6 Ogdensburg, N.Y	34 1913 Nakusp, B.C.	969 1902 Steel 550 Detroit, Mich.	149 1916 Wood 99 NewWestminster, B.C.	22 Manitowac, Wis. 1914 Rebuilt.	Sault Ste. Marie. 1907 Wood 216 Vancouver, B.C.	60 Vancouver, B.C.	1,530 1882 Wood	672 1882 Wood 333 St. Clemens, Mich.	145 1904 Wood 64 Shelburae, N.S.	52 1880 Wood 35 1900 Graveahurst.	173 1910 Wood	256 1892 Steel 166 Vaacouver, B.C.	588 1874 Iron. 304 Kingston, Ont.	1, 274 1896 Steel 649 Toronto, Ont.	74 1895 Steel 37 Buffalo, N.Y.	1,269 1901 Steel	68 Vancouver, B.C	962 1908 Steel 520 Ayr, G.B.
Colonel By 80911 Prescott, Ont.	Columbia	Columbia	Coaster 138304 New Westminster.	Commodore . 107487 Sault Ste. Mario.	Commodore	Comox	Compton 1,5 130927 Montreal.	Conger Coal	Connors Bros	Constance	Contrecoeur	Coquitlam	Cornwall	Corona. 1,2 103673 Toronto. 6	Catharines,	Corunna Ont. 1,2 99224 Moatreal. 7	Coutli 116775 Vancouver, B.C.	Cowichan. 126210 Vuncouver, B.C. 5

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Name and Address of Owners. Nons et adresses des propriétaires.	Winton Georgian bay Peninsula Tug and Towing and North Channel,	Adams river Lumber Co., Chase, B.C.	Chas, and Leo. Brister, Halifax, N.S.	C. C. Ketelum, Princo Rupert, B.C.	Great Lukes Dredging Co., Port Arthur, Ont.	Minister of the Naval Service, Ottnwa,	Liverpool Fish Co., Liverpool, N.S.	Northwest Navigation Co., Selkirk, Man.	Minister Public Works, Ottawa,	Straits G. F. Payne, Saturna 1sd.	Canada Steamship Lines, Montreal.	Peace River Trumwny & Nav. Co., Ltd., Pence	River, Alta. Town of Lockeport.	Georgian bay and North D. J. Burke, Midland, Ont.	St. John river and tribu: Crystal Stream SS. Co., taries.
Route.	Wiarton Georgian bay	Shuswap lake	Consting, N.S.	Prince Ruport hurbour C. C. Ketch Ruport, B.C.	Thunder Bay	Consting	Cousting, N.S	Red river	Skeenn river	Vioncouver and Straits of Georgia.	Foreign-going	Hudson's Hope-Vermi Peace River lion.	Lockeport harbour	Georgian bay and North	St. John river and tribu- taries.
Propulsion— N.H.P. Propulsion— N. en H.P.	Serew 30.8	Stern wheel	Screw	Scrow2	Serew. 24	Serew 54	Screw	Screw	Stern wheel	Scrow 56-4	Screw	Stn. Paddle 21.6	Serew 13.6	Serew 28.16	Paddle
Certificate: Issued— Expires. Certificat: Délivranco— Expiration.	Not issued	30-5-16	5-1-17	6-6-16 1-6-17	20-5-16 9-5-17	Not issued.	27-fe16 26-4-17	24-5-16 21-5-17	1-6-16 I-6-17	31-8-16 22-8-17	24 4 - 16	3-7-16	17-7-10 6-7-17	Not issued.	30-4-16
Inspectors' Initials. Initiales des inspecteurs.		W. J. C	N. A. C.	A, E, H .	W.J.Y	N A.C	N. A. C	G. P. P	A. E. II	A. E. H	D. J. M A. MeD.	J. T. M	N. A. C A. MeD.	G. M. A	C. E. D
Port and Date of Inspection. Port et dates d'inspection.	Sarnia, Ont 17-8-16	Chase, B.C	Halifat, N.S. 5-1-17	Prince Rupert, B.C	Fort William, Ont 9-5-16	Inlihax, N.S. 29-5-16	Liverpool, N.S	Selkirk, Man. 21~5~16	Port Essington, B.C	Vancouver, B.C	Louishurg, N.S.	Freight and Peace River, Alta	Liverpool, N.S	Widland, Ont	St. John, N. B. 13-4-16 29-4-10
Trade—No of Pass. Service— Nombre do pass.	Fug	Freight &	Fug	Tug	Fug.	Navad service.	Fishing	Tug	Sang boat	Tug	Freight.	Freight and	Pass	Tug	Pags
Where and when Built—Material. Annes et lieu de censtruction— Nature do la coque.	50 1905 Composite. 37 Warton, Ont.	162 1916 Wood	24 Port Glagow, G.B.	Winslow, Wissh.	_	Ont. 1892 Steel Owen Sound, Ont.	1892 Wood Yarmouth, N.S.		1907 Wood	1897 Wood	1910 Storl Fort Glasgow, G B.	1916 Wood	1907 Wood shelbarne, N.S.	18st Wood St. Cutharines, Ont.	1893 Stewf Montreal, P.Q. 1911 rebuilt 3t. John, N.B.
Ton-	25.53	162	(F) (F)	I.	73	2.38	= 20	5.73	: .	152	2,300	1.114	130	1212	430
Name of Vessel Allicial No Port of Registry. Norms des naures Nu iéres o notes d'enegistrement.	Crawfor I. 1864 Owen Sound, Ont	Crombie 130557 Actoria.	Cruser Halifax, N.S.	Cand we BC.	Curlew 112175 Fort Arthur, One	Ourlew 10M13 Ottawa, Ont.	Cygnet IIIST Liverpool, N.S.	Cygnet 112290 Winnipeg, Man.	Cygnet (Not registered).	Crar lu3:07 Victoria, B.C.	D A Gordon. 129179 Glasgow, G B.	D. A. Thomas. Winniper (intended).	D D Mann Shelburne, N S	D. J. Burke S5415 Midland, Unt.	D J Purdy 100725 Montreal, P.Q.

S	E	S	31	0	٨	IA	L	P	A	PE	R	No.	23
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Fort N. M. Paterson, Fort William, Oat.	Canadian Dredging Co. Ltd., Midland, Ont.	N. Trotter, Little Current, Ont.	Deminion Fish Co., Winnippeg.	Wm. Black & Son, Belleville, Ont.	Minister Public Works, Ottawa.	Dan King, Vancouver, B.C.	Dal-McKenzie & Mana, Co., Toronto, Ont.	Charles Williams et al, Sturgeoa Falls, Oat.	River Valley Lumber Co., Oromocto, N.B.	Newport Plaster Mining Mfg. Co., Windsor,	W. W. White, Vancouver, B.C.	Dartmouth Ferry Comm'n, Dartmouth, N.S.	John Standley, Banff, Alta.	Westminster Towing & Fish Co., New Westminster.	North Shore Fishing Co. et al, Port Bruce, Ont.	Montreal Transportation Co. Montreal, P.Q.	Lake Huron and Georg. Wn. Leslie et al, Tobermory ian bay.	Allan Ritchie, Newcastle, N.B.
Port Arthur and Fort William.	Georgian bay	North channel	Lake Huroa	Bay of Quiate	Rivers and canals	Vancouver harbour	Toronto and Pt. Dal- bousie.	Lake Nipissing	St. Joha river	Windsor, N.S. and New York.	Coasting, B.C	Halifax harbour	Lake Minniwanki	Coasting, B.C	Lake Erie	River St. Lawrence	Lake Huron and Georg- ian bay.	Miramichi river
Scrow 34.6	Screw 42.6	Зсгеw	Screw 10.7	Screw I.2	Screw 2.7	Screw_11.2	Screw	Screw 3-3	Screw 14	Tw. screw	Screw 16.7	Paddle	Sorew	Screw 39.1	Serew.3.3	Scrow 50.6	Screw	Sorew 12
26-4-16 13-4-17	Not issued	21-7-16 10-7-17	Not issued	31-5-16 29-5-17	Not issued.	24-11-16 18-10-17	28-5-16 1-5-17	19-9-16 15-5-17	15-4-16	31-7-16 21-6-16	30-6-16 , 25-6-17	29-9-16 27-4-17	Not issued.	6-6-16 24-5-17	Not issued.	16-6-16 15-6-17	24-8-16 9-8-17	28-7-16 26-7-17
W. J. V.	G.M.A	E. W. McK.	l. D	T. P. T	I. T. G	A.E.H	J.B.S.	J. T. G	C. E. D	N. A. C. A. MeD	A. E. H	D. J. M A. McD.	J. T. M.	Н. G. В	J. B. S	T. P. T	E. W. McK.	С. Е. D
Fort William, Ont.		Little Current, Ont	Fishing boat Southampton, Oat	Fishing boat Belleville, Oat	Montreal, P.Q	Vancouver, B.C	Port Dalhousie, Ont	Sturgeon Falls, Ont	St. John, N.B.	Windsor, N.S 21-6-16 Wentworth, N.S.		Dartmouth, N.S		Vancouver, B.C	Port Stanley, Ont.	Kingston, Ont	Tobermory, Oat	Newcastle, N.B.
Freight	Tug	Tug	Fishingboat	Fishing beat	Tug	Tug	Pass	Tug	Tug	Freight	Tug	Ferry	Pass	Tug	Fishingboat Port	Tug	Tug	Tug
1874 Wood Chatham, Ont.	1911 Steel	1902 WoodChatham, Oat.	1903 WoodGoderich, Ont.	1897 Wood Clayton, N.B.		25 Comox, B.C.	1911 Steel	1915 WoodSturgeon Falls, Ont.	1904 Wood. St. John, N.B.	1,138 Dumbarton, Scot.	1907 WoodVaaccuver, B.C.	1888 Wood	1910 Wood Lake Minniwanku.	1901 Wood New Westminster.	1906 Wood Port Bruce, Oat.	1883 Wood Kingston, Oat.	n, Ont. Wood. ory, Ont.	1903 Wood
318	161	31	36	13.8	15	25	1,256	21	28	1,106	55	311	12	138	23	185	88	25
D. R. Van Allen	D. S. Pratt 126655, Midland, Ont.	D. W. Crow 90530 Chatham, Ont.	D. McLeod 116361 Goderieh, Ont.	Dack. 107682 Prescott, Oat.	Daisy. 100465 Quebec, P.Q.	Daisy S8375 Vancouver, B.C	Dalhousie City	Dalton K 138063 Ottawa, Ont.	Daniel 116726 St. John, N.B.	Daniel M. Munro	Daring Vancouver, B.C.	Dartmouth 90889 Halifax, N.S.	Daughter of the Peaks 134314 Kenora, Oat.	Danatless 111599 New Westminster.	Dauntless 121952 Port Stanley, Ont.	David G. Thomson S5306 Montreal, P.Q.	David Marwick 116368 Gederich, Ont.	David Ritchie

## Table 1—Continued.—Tableau I—Swite.

			8 GEORGE V, A. 1918
Name and Address of Owners. Noms et adresses des propriétaires.	Harbour Commissioners, Montreal, P.Q. A. J. Davis, Unifax, N.S. British Yuken Navigation Co., Ltd., Victoria. F. Payzant, Lockeport, N.S. Marcus Malmo, Kenora, Ont.	Frank, Monk, Vancouver B.C. Frank Roberts, Ilalifax. Southern Salvago Co., Liver- poul, N.S. Louis E. Carron, St. Denis P.Q. Minister of Public Works, Ottawn.	Coasting
Route.	Montreal harbour  Intifiax harbour  Yukon river  Coasting  Lake of the Woods	Coasting, B.C	Coasting
Propulsion— N.H P. Propulsion— N. en H.P.	Serew	Serow 12-1 Serow 13-5 Serow 11-7 Fw. serow 6-6 Serow 10-8	Not issued Twin screw  28,10-15 29-10-17 Screw 6-3  Not issued Screw 9-8 29-9-16 Screw 16-7 Not issued Twin screw
Certificate: Issued— Expires. Certificat: Délivriance— Expiration.	15 8-16 19-4-17 20-3 17 20-3 18 20-16-7-16 30-9-18 30-9-18 16-7-18 30-9-18 16-	15-5-16 1-5-17 17-7-10 6 7-17 27-4-16 26-1-17 12-8-16 1-8-17 Not issued	Not issued 28, 10-15 26-10-17 Not issued 29-9-16 28-9-17 Not issued
Inspectors' Initials. Initiales des inspecteurs.	J. E. 1	A. B. H. M. A. C M. A. C M. A. C M. A. C P. D. D L. T. G	D. J. M H. G. R I. E. L F. X. II.
Port and Date of Inspection. Ports et dates d'inspection.	Tug.   Montread, P.Q.     Pass   Halifax, N.S.     180   29-3-17     Freight and Dawson, Yukon     190   37-16     160   160     Fishing tug   Kenora, Ont     Fishing tug   Kenora, Ont     1-10-16	Vancouver, B.C.  2-5-16  Locksport 6-7 16  (2nd Inspir 27-12-16  Liverpool, N.S. 26-9-16  Sorel, P.Q. Sorel, P.Q. St. Denis, P.Q. Montreal, P.Q. 3-5-16	Wreeker         Halilax, N.S.           Tug         New Westminster           27-10-16         27-10-16           Fug         Levis, P.Q.           Tug         Cedars, P.Q.           Tug         Roberval, P.Q.           Tug         7-7-16           15-7-16         15-7-16
Tende No of Pass.	Tug. Pass Pass Pass Preight and pass Preight gib. Freight gib. Freight gib. Freight gib. Freight gib. Freight gib.	Tug Vancouver Fisbingboat Locksport Cad Insper Page Sord, P.Q 40 St. Denis, Tug Montreal.	Wreeker Tug . Tug & Pass.
Where and when Built Material, Année et lieu de crastruction Sature de la coque.	1915 Wood Wontreal, P Q. 1912 Wood Mahone Bay, N.S 1901 Wood White Horse, Y T. 1903 Wood. Shelburne, N.S. 1903 Wood	1897 Wood Tucoma, Wash. Scholurne, N.S. H 1910 Wood Narmouth, N.S. 23 1947 Wood Is Bayone, U.S.A. 16 Bayone, U.S.A. 16 Buffalo, N.Y.	Liverpool, N.S. Liverpool, N.S. Liso, Wood Viveoria, B.C. Pigns, Wood Portneul, P.Q. 1912 Steel Sorel, P.Q. 1913 Wood St. Henri des Chail- lons, P.Q.
Ton-	13 25 25 25 25 25 25 25 25 25 25 25 25 25	25 85 45 25 25	24 253 283 24
Name of Vessel—Official No. Port of Registry. Noms doe myttree Numine officiels Ports d'efrequettement	David Seath 134487 Montreal, P.Q. David N.S. Dawson 19889, Haldar, N.S. Dawson 11836 Victoria, B.C. Dawson 112443 Shelburne, N.S. Day Shr. Hoods Shelburne, N.S. Day Str. Hoods Shelburne, N.S.	Defiance 19717 Ameouver, B.C. Defiance 116744 Halitax, N.S. Delbert D. 12686 Yarmouth, N.S. Dellah C. Dellsle 51131 Montred, P.Q.	Deliverance 131204 Liverpool, N.S. Delia 190644 Vancouver, B.C. Denissa 121659 Quebec, P.Q. Denise Nontreal, Que. 13107 Montreal, Que. 131070 Quebec, P.Q.

SESSIO	NAL PA	PER	No. 2	3													
Minister of Marine & Fish- eries, Ottawa. Minister of Marine & Fish- eries, Ottawa.	Wabash R.R.Co., St. Louis, Ill. Burpee Tupper, Parrsboro, N.S.	Peterboro Lumber Co., Peterboro, Oat.	La Cie Sable Union Ltd., Quebec, P,Q.	Vancouver Tug & Barge Co., Vancouver, B.C.	James Dunsmuir, Victoria, B.C.	Minister of Marine & Fish- eries, Ottawa.	Ottawa Transportatioa Co., Ottawa.	North Channel and Lake Jas. Playfair and D. L. Huron.	Joseph Reichenbach, New Westminster.	J. Goodwin, Victoria, B.C.	Dominion Fisheries Co., Halifax, N.S.	R. W. Buller, Victoria, B.C.	McLachlin Bros., Arnprior, Ont.	Thor Iron Works, Toronto, Ont.	West West Vancouver Ferry Co., Vancouver,	Vancouver and Burrard I. W. Chapelle, Vancouver, Inlet.	Minister Public Works, Ottawa,
St. Lawrence river	Windsor and Detroit	Kawartha lakes	Quebec harbour	Coasting, B.C	Foreign going	Coasting	Ottawa river		Fraser river	Victoria and Nanaimo, inside passago.	Coasting	Sheltered waters	Chats lake	Lake Erie	Vancouver, West	Vancouver and Burrard Inlet.	Lako Timiskaming
Twin screw  Twin screw  Twin screw 65.3	Screw 384 Screw 9.0	Paddle 2.7	Screw 16.7	Screw 39.1	Twin screw 154.8	Twin screw	Screw 32.6	Screw3.3	Screw 6.8	Screw 6.9	Screw	Screw 2.1	Paddle	Scrow 13.5	Screw4	Screw3	Screw 3.3
X. H Not issued.	28-10-16 16-10-17 24-6-16		Not issued	5-10-16 15-9-17	22-6-16 19-6-17	Not issued.	Not issued.	Not issued.	15-9-16 14-9-17	11-9-16 6-9-17	3-5-17	Not issued.	26-6-16 20-5-17	13-10-16 19-9-17	31-5-16 21-5-17	6-5-16 30-9-16	15-11-16
F. X. H	W. E. J. D. N. A. C.	T. P. T	J. A. S	н. с. п	В. м	F. X. H	J. E. L	E. W. McK	A. E. H	W.J. C.,	N.A.C	В. М	J. E. L	J. B. S	н. с. п	A. E. H	J. E. L
Sorel, P.Q. S-5-16 Sorel, P.Q. 3-5-16	Detroit, Mich	Lakeficld, Ont.	Sorel, P.Q	Vancouver, B.C	Vietoria, B.C	Sorel, Que	Hull, Que. 25-9-16	Little Current, Ont	New Westmiaster	Victoria, B.C	Halifax, N.S. 3-5-16	Vietoria, B.C	Amprior, Out	Fishingboat Toronto, Ont.	Vancouver, B.C	Vancouver, B.C	Hailoybury, Out
TugGovt. Serv	Car ferry	Alligator	Tug	Tug & Pass.	Yacht	Buoy Serv.	Tug	Tug	Tug	Tug	Freight	Yacht	Tug	Fishingboat	Pass	Pass	Tug
1914 Steel. Sorel, P.Q. 1915 Steel. Sorel, P.Q.	1904 Steel	1890 Simcoo	1914 Wood	1907 WoodVancouver, B.C.	1908 SteelPaisley, Scot.	1913 Steel Kingston, Ont.	1881 Wood Montreal, Que.	1878 Composite	1902 Wood Lund, B.C.	1904 WoodVictoria, B.C.	1914 Wood Allendule, N.S.	1902 WoodVictoria, B.C.	1913 Wood	1914 Steel	1908 Wood	1912 Wood	1889 Wood Opemicon P.Q.
214	1089 1307 23	100	444	176 120	791 393	761	37	234	20	18	70	12 6	31	70	27 18	19 14	\$ ##
Deschaillons	Detroit. 201607 Detroit, Mich.	Dickson 103930 Peterboro, Ont.	Dick T 134367 Sorel, P.Q	Dola 122517 Vancouver, B.C.	Dolnura 128187 Glasgow, G.B.	Dollard 133937 Ottawa, Ont.	Dolphin. 80860 Ottawa, Ont.	Dolphin Owen Sound, Out.	Dolphia. 111992 Vancouver, B.C.	Dominion 116414 Victoria, B.C.	Dominion Trader	111788 Victoria, B.C.	Donald H. McDonnld	Donald Mac	Doncella 131034 Vancouver, B.C.	Donna Isabel	Dora 96710 Ottawn

TABLE 1-Continued.—Tableau 1-Suite.

											0	GEU	NGE	V, F	, , , ,
Nume and Address of Owners Noms et adresses des propréduires.	A. & G McLean, Tabusin-	Northern Navigation Co., Collingwood, Ont.	A. I. Dougher and M. Jen-kinson, Dunville, Ont.	Parry Sound and Penet. W. F. Thomson, Rose Point, ang, inside channel Ont.	Wm. Hand, Port Dalhousie.	Newcastla Steambout Co., Newcastle, N.B.	R. Long, Port Stanley, Ont.	Dominion Coal Co., Sydney, N.S.	Donald B. McAuluy, South- ampton, Ont.	Canadian Tog Boat Co., Ltd. Vancouver, B.C.	Minister of Marine and Fish- eries, Ottawa.	Ottawn River Nav. Co., Montreal.	W. J. Murdock, Sherbrooke, N.S.	Canada Steamship Lines, Toronto, Ont.	Great Richelies and Ontario Nav. Co., Montreal, P.Q.
Routo.	Miramichi river	Lakes and rivers	Lako Erio	Parry Sound and Penet	Welland canal	Mirnmichi rivor	Lake Erio	Consting	Lake Huron.	Coasting, B C	Montreal and Gulf of St. Lawrence.	Montreal and Carillon Ottawn River Montreal.	Halifax and Sherbrooke W. J. Murdock, N.S.	Lakes and rivers	Montroal and Great Britain.
Propulsion— N.H.P. Propulsion— N. en H.P.	Paddle	Screw 106.3	Scrow 2.7	Screw3	Serew 19.4	Twin screw	Scrow 11.2	Screw 58.6	Serow 11-1	Scrow 71	Twin screw	Paddle	Screw., 41.6	Scrow., 146	Screw 146-2
Certificate: Issued— Expires. Cartificat: Délivrance— Expiration.	15-9-16	4 5-16	Not issued.	Not issued	31-8-17	1-8 16 27-7-17	14-10-16 20-9-17	26-8-16	Not issued	14-10-16 6-10-17	Not issued.	15-5-16	27-3-17	24-4-16	:
Inspectors' Initials. Initiales des inspectours	C. E D	J. B. S W. E.	J. B. S	G. M. A	J. B. S.	C. E. D.	J. B. S	D. J. M. A. McD.	J.D	V. E. H	J. A. S	J. T. G P. D.	D.J. M	D. J. M A. McD	G. M. A. S. D. A.
Port and date of Inspection. Parts of dates dispection.	Chatham, N.13	Port Colbarne	Fishing boat Port Mnitland, Ont	Moon Palls, Ont	Fort Colborne, Ont	Nowcastle, N.B	Fishing boat Port Stanley, Ont	Sydney, N.S.	Southampton, Out	Vancouver, B.C	Buoy serv., Quebec, P.Q		Halifar, N.S	Louisburg, N. S.	Freight Port McNicoll 284-15
of Puss. Service Nombro de puss.	Tug	Freight	Fishing boat	Yacht	Tug	Pass	Fishingboat	Tug and	Fish tug .	Tug and 25 Pass.	Buoy serv	Freight and	Pars	Freight	Freight
Where and when Built - Material.  Année et lieu de construction Nature do la coque.	1913 Wood Tabucintae, N B.	1903 Steel	1914 Wood Stromness, Ont.	1900 Weed.	1913 Wood	1907 Wood Newcastle, N.B.	1912 Wood Port Stanley, Out.	Naryland, U.S.A.	35 1896 Steel	South Shelds, G B.	1902 Steed	Noatreal, P.Q.	211 1904 Wood	1906 Steel. Dundee, G.B.	2,319 1907 Steel 1,431 Sunderland, G.B
Ton-	100	2330	\$	20	38	366	3,1	212	39.5	233	503	197	211	2,27,	2,319
Name of Ve sel O feud No Port of Regarry. Noms des navines Numbers officiels Ports d'en etetr m it	Dora M 133999 Chatham, N B	Dorie Toronto.	Dorothea D 13cts St.Catharines, Out	Dorothe 11156: Toronto.	Domithy May 130254 St. Cotharines, Ont.	Dorothy N. 12219; Chatham, N.B.	Douglas If 130237 Port Stanley.	Douglas II Thomas 101291 Sydney, N.S.	Douglas M 13682 Southampton, Oot	Dreadful Vascouver, B.C.	Druid 112393 Ottawa.	Duchees of York 100312 Montreal.	Dufferin 116576 Halilar, N.S.	Dundee Ilamiltoo, Oat.	123930 Sunderland, G B.

	INSPECTION DES BATEAUX A VAPEUR										47							
SESSI	IONAL	PAP		10. 2	3													
Railways and	Driving Camp-	Windser,	and St. Lawrence and Chicago Steam Nav. Co., Toronto.	H. W. Ainsley, Port Dover, Ont.	Upper Ottawa Improvement Co., Ottawa.	Brompton Pulpand PaperCo. East Angus.	and J. Leonard, St. John, N.13.	und Vietoria Transportation Co.,	rt Bur-	3	Vancouver, B.C. & Paget LincolaSteamship Co ,Ltd., Sound,	P Ce.,	le.	stan-	p, N.B.	Ltd.,	Pittsburge,	S. Z.
Railway		Co., W	and Co., T	, Port	Impro.	Pulpand Pa East Angus.	ard, St	portati ia.	ов. Ро	Construction y, N.S.	ship Co	Steamship onto, Ont.	abon, M	et al, Port	hatban	, co	, Pitt	Halifa
Jo .	_	Coal Ont.	wrence n Nav.	Ainsloy	pper Ottawa. Co., Ottawa.	on Pulp East	I, Loon	etoria Transpe Ltd., Victoria	Iemmi Oat.	Const.	neolaStenms Vancoaver.	ws Sto Toront	M. Pike, Laben, Me		adio, Cl	Zanning ria, B.C	Sassidy	tiffler,
Minister Canals	Restigouche	Mullens C Ont	St. Lar Steun	H. W	Upper Co., C	3rompt	L nnd J N.B.	Vietorii Ltd.,	J. A. Hemming, Port well, Ont.	N.S. Constru Sydney, N.S.	Lineola	Mattho Ltd.,	B. M. I	C. Thorne loy, Ont.	F. Tweedie, Chatham, N.B.	B.C. Canning Vietoria, B.C.	W. II. Cassidy, Pa.	A. G. Hiffler, Halifax, N.S.
	:	Lake Erie and Detroit Mullens Coal river. Ont.				-	Indiantown to Lancaster J.	nnd	:		Paget	Father Matthews Steamshi				:	:	
	Restigoache river	and L	Port Colborne Dulath,		Upper Ottawa river	3r	to Lun	B. C. n Georgia.		boar	B.C. &	43	Pussumnqaody bay.	:	Miramichi river	Rivers Inlet, B. C	kes	bour
sting	ligoach	ake Erio river.	ort Col Duluth,	Lake Erio.	er Otta	LakeAy!mer	апtоwп	Vancouver, Straits of		Halifax harboar	aneouver, Sound.	Fort William Point.	nmudo	Lako Erio	ımichi	ors Ink	Muskoka lakes	Halifax harbour
Coasting	:	Lak	Port	Lak	Upp	Lak	Indi	Van St	Lako	:	Vnn	Fort	Puss	:	Mir	:	Mns	H
· · · · · · · · · · · · · · · · · · ·	Paddlo	69-8	Serew 203 6	Serow	Paddle	Serow3.3	7.3	Serow20	Scrow 30.5	Serew_10.6	Serow	Serow	Serow 19.5	Serew 13.5	>	Serow8.1	10	Serew
Serow		Serow	Serev	Serov		Serev	Screw.			Serev				Seren	Scrow.		Serew	
26-4-16 26-6-16	$^{10-6-16}_{7-6-17}\\^{21-10-16}_{29-8-17}$	15-4-16 15-4-17	8 - 4 - 16 $7 - 4 - 17$	$^{2-8-16}_{21-7-17}$	$\frac{31-5-16}{21-5-17}$	Not issued	6-11-16 $3-10-17$	29-4-16 10-4-17	Not issued	Not issued	11-11-16 8-11-17	29-4-16 26-4-17	22-7-16 12-7-17	Not issued	28-7-16	24-6-16 8-6-17	14-6-16 12-6-17	28-7-16 28-7-17
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A. McD.	D.J.M. A.MeD. C.E.D	J. D. W.E.	J. B. S W. E.	J. B. S.	J. E. L	S	C. E. D. W. R. B.	A. E. H.	J. B. S	N.A.C.	A. E. H.	A. E. H.	W. R. B.	J. B. S.	C. E. D.	A. E. II.	G. M. A.	D. J. M.
:				:		Lake Aylmer, Gartliby, J.A.		Ö	:	:	:	:		:		:		
N.S. ction. 26-4-16 ection.	10-6-16 Iton, N.E 29-8-16	burg. (	rne	0 to 10 to 1	Ont,	er, Gar 20.	. B	tminstor, 29-1-16	)II	N.S. 13-12-16	B.C.	9-11-16 Ont	Me	19-6-16 19-6-16	N.B7-16	et, B.C. 9-6-16	Ont	N.S. 28-7-16
Halifax, N.S 1st inspection. 26-4-1 2nd inspection.	10-6-16 Campbellton, N.B. 29-8-16	Amhertsburg, Ont	Port Colborne	Port Dover, Ont	Pembroke, Ont, 21-5-16	e Aylm	St. John, N.B	Now Westminster, B. 29-4-16	Port Barwell.	Halifux, N.	Vaneouver, B.C.	9-11-16 Kingston, Ont	Eastport, Me	21-7-10 Port Stanley, Ont 19-9-16	Chatham, N.B 25-7-16	Rivers Inlet, B.C. 9-6-16	Beaamaris, Ont 12-6-16	ifax, N.
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Freight	Tug	Freight	lit	Fishing bout.	Tug	Tag	Ferry	rag	Fishing boat.	Tag	Freight	Froight	Forry	Fishing	Tag	Tog	Yucht	Lightor Italifux,
	N.B.	:	:			-		:	:	:	:			:	-		:	
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13 Ste aderlar	28 1910 Wood 18 Campbellton,	1893 V reboyga	1998 S idgebu	1874 W	1895 S mbrok	1914 Wood Garth	30 1894 Wood 20 St. John, N.B	78 1890 Wood 50 Victoria, B.C.	118 1914 Wood 65 Wallacebarg,	36 1913 Wood 17 Liverpool, N.S.	1913 Wood ancouver, B	1912 S nderlar	1901 Wood ennysville,	50 1912 Wood 31 Codingwood,	62 1915 Wood 16 Chatham, N.B.	41 1897 Wood. 26 Victoria, B.C.	1 1993 Wood. 7 Kingston, Ont.	85 1915 Wood. 57 Mubone Bay.
18 1157 Su	28 18 C <sub>2</sub>	503 304 Sh	6,787 1908 Steel 4,361 Bridgeburg, Ont.	26 17 G	285 180 Pe	:	30 20 St	78 50 Vi	118 65 W.	36 17 Li	107 118 Vs	1,757 1912 Steol 1,129 Sunderland, G.B.	## D_D_	3 2 0	16 16 16 16 16	÷1 38 Vi	11 7 15	85 57 Ma
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ine Ottawa	Chutab	Wiadso	Toroat	Part D	nsen Ottawa	in (Not	St. Joh	Now W	Toront	Lockop	Vancou	Sunder	Labea,	Port Stanley	Chatha	Victori		Halifax
Darley Chine	Duval	E. A. Shores Windsor, Oat.	E. B. Osler. 125977 'Toroato.	E. C. Oggel. 128643 Part Dover.	E. H. Bronson	E. W. Tobin (Not registered)	E. Ross. 100833 St. John, N.B.	or 04906 New Westminster.	Earl Bess Toronto, Ont.	Enstern Passage	Eastholm. 134671 Vancouver, B.C.	Easton	Eastport 138912 Labes, Mo.	Eustside 130239 ]	Ebess. Chatham, N.B.	Edith. 193901 Victorin, B.C.	Edith Ann	Edith H
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Table I Continued. Tableau I-Suite.

Name and Address of Owners. Nams et adresses des propriétaires.	Matthews Steamship Co., Toronto. W. E. Gardner, Victoriu, B.C.	Lake Huron and North Keen and Millenan, Blind channel.  Trent canal	Seven Islands North Shore Power Rly, & Nav. Co., Clark City, Quebre. Og., Clark City, Montreal, Chicoutini a La Cie Générale du port de	vici- Great Lakes Drodging Co., Pot Artlur, Ont.	Thunder bny and vici- Great Lakes Dredging Co., nity.  Lake-Erie	Rainy river and Rainy Shelvin Clark Co., Forth lake. Frances. Lievre river	Trent canal Dredging Dock Co., Toronto, Ont. Compbellton and Gasp6, Haopton SS. Co., Ltd., Oak	Screw Arrow lakes Edgewood Lunber Co., Castlegar, B.C. Screw St. John harbour and J. F. Bridges Tug Boat Co., river.
Routo.	Lakes and rivers. Constwise, 11,C	Lake Huron and North channel.  Trent canal	Seven Islands	river Saguenay. Thunder Bay and vicinity.	Thunder bny and vicinity.	Rainy river and Rainy lake. Lievre river	Screw Trent canal Screw Compbellton and Gasp6.	Arrow lakesSt. John harbour and
Propulsion— N. H. P. Propulsion— N. en H. P.	Screw 106·3 Screw	Serew_20.1 Serew_1.6 Serew	Serew 24	32.8 Scrow 35	Screw 28.6 Screw 23-5	Tw. screw 2.7 Screw 4.8	Serew. 1.2 Serow	Screw
Cortificate: Issued— Expires. Certificat: Délivence- Expiration.	20-9-16 19-9-17 1-6-16 30-5-17	25-9-16 4-9-17 14-10-16 10-7-17 29-7-17	Not issued	20-5-16 9-5-17	20-3-16 2-5-17 6-4-17 15-9-17	30-6-16 23-6-17 Not issued	7-11-16 17-5-16 17-5-17	26-5-16 9-5-17 11-4-16 13-4-17
Inspectors' Initials. Initiales des inspecteurs.	N. E. B. M.	E. W. MeK. T. P. T N.A. C	J. A. S.	P. D. W. J. V.	W. J. V.	W J V J. E. L.	TPT CED	N. MeD. W. J. C.
Port and Dato of Impection. Port et dates d'inspection.	Port Colborne, Ont 14-16 14-16 19-0-16 Victoria, B.C	Medrum hay, Ont 4-9-16 Peterboro, Ont Yarmouth, N.S.	Tug Ray of Seven Islands 24-9-16 Pass & Tug. Chicoutimi, P.Q		Tug Fort William, Ont 2-5-16 2-5-16 Fishing tug. Port Stanley, Ont	Alligator Kettle Palls, 23-6-16 Backingbaro P.Q	Bradleys Bay \$4. John, N. B 17-5-16	Yest Robson, B.C St. John, N.B.
Frade—No. of Puss. Service— Nombre do puss.	Freight.	Fishing tug Tug	Tug	40 Tug	Tuk Fishing tug.	Tur	Tug	Tug
Where and when Rulle Material.  Ton- Année et lieu de construction – Nature de la contro.	1,0x 1966 Stad 1,311 Hepburn-on-Tyne. 42 1993 Wood 22 Victorin, B.C.	94 1990 Wood	32 Sorel, P.Q. 129 1910 Wood	. 1.	69 183 Wood 47 Baffalo, N.Y. 1969 Rehalt, 1969 Pert Arthur 52 1911 Wood 36 Port Starley, Out.	11 1912 Wood . 9 Simeles, Ont 1905 World . Buckingham, Que.	12 1913 Word S. Toronto, Ont. 272 1884 Societ 165 Newbury, N.Y.	55 1911 Wood
Name of Vessel Official No Port of Registry Noms des navires Nambres officiels Ports d'envegetrement.	E Imonton 12285 Newcastle, G B. Edna Green 11189 Meteria.	Edna Ivan. 197135 Goderich, Ont Ed. Conroy. Edna R. Peterbaro, Ont 108/256 Jarmouth, N. S.	Edward G 13430 Montreal, P.Q. Edward Mreel.	Edward C. Whal n. 134913 Port Arthur, Ont	Edward Fiske 116389 Port Arthur, Ont Edward S 134552 Port Burwell,	Edwin Price 154721 Kenora, Ont Eileen (Not registered.)	Eileen T. 131448; Toronto, Ont Elane. 111156 St. John, N B	Elec. 130707 Vancouver, B.C. Eldred 172445 St. John, N.B.

SESSIONAL PAPI	ER No.	23
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al,	Co., Lt	Electrie Co.,	al, Port	. Toronto,	Gorrell,	Walkem Tow Boat Co., Ltd. Vancouver.	ia, B.C.	Wnddington Simon Salmon, Morrisburg	ancouver Timber & Trading Co., Vancouver, B.C.	H. W. MacKay, Kenora, Ont	Nanaimo,	Margaret A. Clark, Torosto,	McInnis, Meaford,	Boom C		Transportation treal, P.Q.	Dept. Marine and Fisheries, Ottuwa, Oct.	Collingwood,	Toronto
ern, et		on Ele		es Co.,	and G.	w Boat	Victori	mon, M	Timbe Vancou	Kay, K		. Clark	cInnis,		McDonald,	Transpitreal,	ne and Oot.		et al,
Darlington 11 br & Coast-Steve Pakern, ing Limits.	Gidley Boat Penetang, Oat.	e Breton	C. Thorn, et Stanley, Ont.	and F. T. James Co., Ont.	J. Mossip and G. G. Port Maitland, Ont.	ilkem Tow Vancouver.	N. Basso, Victoria,	mon Salı Ont.	Howe Vancouver ing Co., 1	W. Mac]	A. Bradford, B.C.	garetA	Ont.	Pickarel French River Toronto.		Montreal Transports Co., Montreal, P.Q.	ept. Marine a Ottawa, Oet.	Ont.	Glin Osler Ont.
st- Ste	<u>.</u>	ey Cape Sydy		nd F.			ż	on Sim	we Vnn	H.	.: B	Na	and D.	rel Fre	Cross Point and Camp-Joha L. Point, 1	<u>×</u>	Der O	 D.	: Gir
T& Co	Penetang and vicinity	Sydn		ers		id Strs.		ndding	und Ho	oods	our		E	Picke	nd Can	river,.	river		ur
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Darling ing L	Penetar	Sydney and No. Sydney	Lake Erin.	Sheltered Horse I	Lako Erio.	Vancouver of Georgia	B.C. Coast	Morrisburg	Vancouver Sound.	Lake of the Woods.	Nanaimo harbour	Toront	Pointe Georg	Freach	Cross J	St. Lawrence river	St. Lawrence river	Georgian bay	Toronto harbour
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26-8-16 31-11-16	Notissued	22-5-16		3-8-16		24-10-16 22-10-17			31-5-16 22-5-17	1-9-16 1-9-17	Notissued	17-7-16		14-9-16 31-7-17	28-9-16 7-8-17	29-8-16 15-4-17		Not issued	8-4-16
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ν <u>α</u>	G.M.A	D. J. M.	B. S.	E. W. McK.	.vi	H.G.R.	1	T P T. M.R.D	H.G.R	G.P.P	W.J C	20	G. M. A.	G. M. A.	.S	T. P. T.	ζ. π.	V. McK.	8
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Toronto, Ont. 25-8-	Penetar	Sydney,	Port Stanley, Ont	South Baymouth. 6-7-16	Port M	Vancouver, B.C 23-10-16	Victoria, B.C	Morrisburg, Ont 5-6-16	Vancou	Kenora	Nanain	Torosto,	Point au	French ri Portage.	Campb Cross F	Kingston, Ont	Sorel, P.Q. 3-5-16	Killara	Toronto, Ont 27-3-16 4-4-16
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Wood	Composite.	nd, Me.	Wood,	1894 Wood	Wood	Wood ver, B.	Wood	18, N.Y.	Wood iver, B.	Composite. Kenora, On	Wood a, B.C.	Wood.	Wood.	Wood d, Out.	Wood Point, P.Q	Steel.	Wood.	Wood,	Steel.
26 1895 Wood 18 Port Maitland, Ont.	49 1899 Compos 29 Toronto.	Portlan	66 1908 Wood	35 1894 24 Goderi	43 1913 Wood 29 Port Maitland	49 1913 Wood	1907	Ather	33 1908 Wood	1903 1915	23 1893 Wood. 10 Victoria, B.C.	49 1906 Wood 33 Trenton, Ont.	38 1908 Wood 15 1916, Collingwood,	55 1914 Wood. 14 Midland, Opt.	54 1915 33 Cross	276 1903 Steel 188 Collingwood, Ont.	89 1897 30 Sorel, 1	20 Collingwood, Ont	104 1914 Steel. 48 Toronto, Ont
		157	45	12.33	3 45	33	1-10	462	85 61 10 83	19 33	23	33	38	55	10 to 24 to	276 188	30	30	104
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7 St.	9 Torc	o Syd	7 Port	O Goderi	5 St. (	- 1	d	0 Pres	2 Van	Ken	radford 2 Vict	1 Torc	0 Coll	fac5	leDona 1 Past	2 Mon	Emilia. 131050 Sorel, P.Q.	May	Stewar 8 Tor
Eleanor 9701	Electric Ont.	Electronic.   131220 S	Elgin E. 121937 Port Stanley,	Elite	Ellen V 130285	Ellison 133843	Ellwood	Eloise 107690 Prescott, Ont.	Elsie Vancouver, B.C.	Elsie Bell	Elsie Bradford B.C.	Elsie 122071 Toronto, Ont.	Elsie M 122550	Elsie M 13426	Elsie McDonald. 134591 Paspel	Emmersob	Emilia 13105	Emily 11708	Emily 13445
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8 GEORGE V, A. 1918

## TABLE I-Continued.-Tableau I-Suite.

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Nume and Address of Owners. Noms et alresses des propriétaires.	Saskatchewnn river Finger Jamber Co., Port Arthur, Ont.  Montreal harbour The Sin-MoNaughton Line, Montreal P.C.	John Luinstden, Ottawn, Connola Straunship Co., Montreal, P. Q. C. F. Todd, Victoria, B.C.	Carillon to Montreal Ottawn River Nav. Co Trent Valley canal P. P. Young, Youngs Point,	Coasting	and Three Rivers Steamship Co., Montague, P.E.I. ur., The Yamagakae Pole Co., Three Rivers, P.Q.	Straits Achates Iow Bont Co., Vancouver, B.C.  Ius., Albert Henning, Port Burwell, Ont.
Route.	Saskutchownn river Montreal harbour	Lako Kipawa Port Colborn and Duluti and all lakes.	Carillon to Montreal Trent Valley canal	Coasting	Pietou, Montague way ports. Three Rivers harbo	Raioy River.  Vancouver and Straite of Goorgia.  Lako Erie
Propulsion— N.H.P. Propulsion— N. en H.P.		Scrow 27.9 Scrow 199.34 Scrow 4	Paddle	Twin scrow., Coasting, 305 Twin scrow., Vancouve, 2,000 Scrow., Vancouve, ivor	Screw 11.6 Twin serew	Scrow
Certificate: Issued— Expires. Certificat: Délivrance- Expiristion.	22-7-16 22-7-17 16-5-16 1-5-17	29-1-16 19-4-17 12-1-16 11-4-17	29-5-16 25-1-17 14-8-16 10-7-17	20-12-16 13-4-17 Not issued		30-6-17 26-6-17 24-3-17 1-12-17 18-9-17
Insepctors' Initials, Initiales	G. P. P. E. X. II.	J. E. L. M. R. D. G. M. A. S. D. A. B. M.	L E. L. P. D. T. P. T. W. E.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	N. A. C. F. N. C.	W. J. V. A. E. H. J. B. S.
Port and Dato of Inspection. Port et dates d'inspection.	9 9	Nipnwn, Quo.  12-9-16 12-9-16 15-9-16 15-4-16 Victorin, B. C.	Lachine, Quo Montréul, 17-5-16 Lakefield, Ont 21-7-16 29-7-16	Priss. Charlottetown, P. E.I., 1111 13-4-16 13-4-16 13-4-16 Preight and Vancouver, B.C., pass. 596 2nd inspection, 9-2-17 Pass. Pass. Vancouver, B.C.		Kainy River, Ont Vancouver, B.C 30-12-16 Port Burwell, Ont
of Pass.	TugTug	Pass, tug freight. pass, 10. Tender	Paes 800 Pass 218	Preight and pass. 596	Frnight pass. 80 Tug	TugTug.
Where and when Bult – Material.  Ands et lieu do spartruction – Nature do Is coque.	19 1910 Wood	55 1910 Word 5.00 F. 5.01 1910 Steel. 4.644 Collageword, Oct. 23 Vancouver, B.C.	0 3	1.341 1955 Steel 612 Newcastle-on-Tyne, G.18 1891 Steel 3.039 Barrow in Furness. 57 1999 Wood	Ċ	1905 West    Port Frances, Ont.     135   1809 West    Port Blakely     115   1911     65 Wallineeburg, Ont
Ton-	11 13 20 20	36 1.01 1.611	7 61 7.15	1,311 612 5,910 3,039	विक देश	11 91 11
Name of Vessel - Official No Port of Registry. Noms des navires Numbres official=Ports (fenegation)	Emma E 13083 Fort Arthur, Ont Emma L 116543 Montre d, P.Q.	Emma Mac 130266 Ottawa, Ont. Emperer Midland, Ont. Empere Casarery 134831 Victoria, B C.	Empress Montreal, P.Q. Empress Peterboro, Ont.	Empress, Charlottetown, P. E. I. Empress of Japan 98911 Loadon, England.	Enterprise 12460 Yarmouth, N.S. Ente R. 134360 Montreal, P.Q.	Eria Kenora, Ont. Eria Nancouver, B.C. Lilföll Vancouver, B.C. Lilföll Toronto, Ont

SE	SSIO	NAL	PAP	ER No	o. 23												
Lake John Russell, Toronto, Out.	W. W. West, Nelson, B.C.	Carter Bros., Port Colborne, Out,	J. A. Mercier, Escoumains, P.Q.	Minister of Marine and Fisheries, Ottawa.	Detroit and Walkerville Ferry Co., Detroit Mich. Sin-McNaughton Line, Mon- treal.	Quinlan & Robertson Ltd., Montreal, P.Q.	W. A. Clark, Collingwood, Oot.	F. Boisvert, St. Croix, P.Q.	J. B. McNeill et al, Vancouver, B.C.	Jno. Lapointe, Sauit Ste- Marie, Out.	Brown and Aylmer, Campbellord, Ont.	M. P. and J. T. Davis.	Dept. Marine and Fisheries, Ottawa.	and Eugène McMullie, Vancouver, B.C.	Victor Jacobson, Victorin, B.C.	M. G. Sparrow, Vaecouver, B.C.	Dominion Fish Co., Ltd., Winnipeg, Man.
Toronto bay and Lake	Kootenay lake	Wolland canal	Montreal and Escou-J.	Coastwise	Detroit and Walker- ville, Montreal harbour	Quebec harbour	Georgian bay	Montreal and Ste. Aane.	Vancouver, Nanaimo points on Gulf Georgia,	North channel	Treat capal	Quebec harbour	Father Point	Vancouver, B. C. and Straits of Georgia.	Coasting	Vancouver harbour	Lako Huron.
Screw 6.5	Screw 2.1	.Screw	Screw 16.7	Twin screw	Screw 26.1 Screw 51.6	Screw 37.5	Screw 10.6	Pdl. 30	Screw 36.3	Screw 8.4	Screw 2.1	Screw 13-5	Screw 60.1	Screw	Screw	Screw 2.5	Screw 9-6
Not issued Screw	26-5-16	31-12-16	Not issued.	20-6-16 6-6-17	17-6-16 9-5-17 12-5-16 24-1-17	Not issued	21-7-16	22-5-16 13-5-17	22-12-16 9-12-17	Not issued	Not issued	Not issued	Not issued	20-7-16 3-7-17	Not issued		Not issued.
J. B. S.	W. J. C.	J. B. S.	J. A. S.	W. J. C.	J. D. W.E. F. N. H.	J.A.S	E. W. McK.	J. A. S P.D.	A. E. H	E. W. McK.	T. P. T.	J.A.S	J. A. S	A. E. H	В.М.	B.M. A. E. H	E. W. McK.
Toronto, Ont	Nelson, B.C 10-5-16	Port Colborne30-8-16	Quebec, P.Q	Victoria, B.C. 7-6-16 7-6-16	Walkerville, Ont. 7-6-16 23-6-16 Sorel, P.Q. 24-4-16	Quebec, P.Q	Killarney, Ont	Quebec, Que 19-4-16 18-5-16	Vancouver, B.C	Little Current	Frunkford, Ont.	Lauzon, P.Q	Quebec, Que	Vancouver, B.C	Victoria, B.C	Vancouver, B.C	South Bay, Ont
	Tug	Tug	Tug	:	FerryTug	Tug	Fishing tug.	Freight Pass. 200	Tug	Fishing boat.	Tug	Tug	Pilot boat tender.	Tug	Fishing tug.	Tug	Fishing boat.
45 1909 Steel frame Tug	12 1902 Wood	27 Port Robinson.	74 1908 Wood 42 Escoumains, P.Q.	1,161 1912 Steel	266 1913 Steel 181 Toledo, Obio	38 1914 Wood 45 Montreal, P.Q.	36 1904 Wood	560 1879 Composite 317 Sorel, P.Q.	111 1871 Wood 76 Freeport, U.S.	22 15 Goderich, Ont.	Ueknown Wood	19 Port Dulhousie, Ont.	170 1893 Steel	1891 Wood	126 1884 Wood B.C.	14 1881 Wood 9 Victoria, B.C.	32 I893 Wood 22 Goderich, Ont.
Earl King Toronto, Ont.	Errand Boy. 52 130898 Victoria, B.C.	Escort St. Catharines,	Escournains Cat. 126000 Quebec, P.Q.		Essex 211553 Detroit, Mich. Ethel. 103332 Montreal, Que.	Ethel Q	Ethyll Reid. 112334 Collingwood, Out.	Etoile. 77874 Quebec, Que.	Etta White	Eu Jennie. 116367 Goderich, Ost.	Eunice. 122567 Peterboro, Ost.	Euphemia 112054 St. Catharines,	Eureka. Ouchec, Que.	Eva 96991 Vancouver, B.C.	Eva Marie	Evangeline i7379 Vaecouver, B.C.	Evelyn 96876 Goderich, Ost.

TABLE I Continued,-TABLEAU I-Continued.

											8	GEO	RGE	V, /	A. 1918
Name and Address of Owners. Nome at adresses des propriétaires.	Parrsharo Lumber Co., Parrsboro, N.S.	off M. R. W. and G. Graham, Kagawong, Ont.	Emmerson Lumber Co., Vanceuver, B.C.	I. F. Williamson, St. John, N.B.	Detroit and Windsor Ferry Co., Detroit,	Sin-McNaughton Line, Montreal, P.Q.	Sorel harbour and Loui-A. Degrosiers, Sorel, P.Q. seville.	Brotopton Pulp & Puper Co., East Angus.	Northern Dredging Co., Loggieville, N.B.	Riordan P. & P. Co., Ottawa, Ont.	Canadian Dredging Co., Midland, Ont.	Beaver Dredging Co., St. John, N.B.	Tha Onturio and Quebee Nav. Co., Picton,	G. Frasor, Sydney, N.S	Screw St. John river and tri-I. F. Bridges Tug Boat Co., butaries.
Route.	Avon river and Thon Basin	Sheltered waters Kagawong.	Fraser river.	St. John river.	Screw Windsor and Detroit	Montroal harbour	Sorel harbour and Louiseville.	Luke Aylmer	Coasting, N.B., and Bu-Northern Dredging thurst harbour.	Ottawa river	Thunder bay	Halifax and constwise	Lakes and rivors	Sydney harbour	St. John river and tri- butaries.
Propulsion— N.H.P. Propulsion— N. en H.P.	Screw	Serow. 6	Serew	Screw.	Serew 32.3	Serew. 54	Scrow	Serew	Screw 24	Paddhe.	Serew	Serew. 42.6	Screw	Screw 3.3	Screw 8-7
Certificato: Issued— Expires. Certificat: Délivrance— Expiration.		21-7-16	22-4-16 19-4-17	2-6-16	26-3-16	12-5-16	5-9-16 21-8-17	Not issued	16-6-16	Not issued	20-5 16 16-5-17	15 12-16 2 10 17	21-7-16 5-5-17	26 × 16 8 × 17	17-4-16
Inspectors' Initials. Ioituiles dus inspecteurs.	N.A.C	E. W. McK	A. E. II.	C, E, D,	L.D.	F. X. II	EXH	J A S	C. E. D.	J. T. G.	W.J.V.	C. E. D	W. E. E.	D. J. M.	C. E. D.
Port and Date of Inspection. Ports of dates d'inspection.	Hantsport, N.S.	Gore Bay, Ont	New Westminster.	St. John, N.B 2-6-16		:	Sorel, P.Q. 21 8-16	Carthby, P.Q	Bathurst, N B	Hawkesbury, Ont	Port Arthur, Ont			Sydney, N.S. 8-8-16	St. John, N.B
Trade—No. of Pass. Service— Nombro de pass.	Tog.	Fishing bout.	Tug	Yacht .	Ferry	Tug	Tug	Lug	Tug	Warplug	Tug	Tug	Freight	Water boat	Гид
Where and when sulf-Muteral.  Année et lieu de construction – Nature de la coque.	9 Faltoouth, N.S.	17 Gore Bay, Ont.	27 Hallard, Wash	15 1912 Wood. 10 St John, N B.	130 Detroit, Mich.	1904 Steel Sorel, P.Q.	13 Sorel, P.Q	Wixed .	bood	1895 Wood.	11 1914 Steel	152 1890 Wood.	1,367 1800 Wood 1,019 Gran Haven, Mich	o Quebec, P.Q.	23 Philadelpha. 1907 Rebuilt.
Ton-	†1 6	C1 1-11	200	31	130	111	and last	2101			11	15.	1,367		m 61
Name of Vessel -Office al No -Port of Registry. Nome de mante Numbras officiel - l'orts d'enregistrement	l'velyn 117161 Wackor, N S	Dverud 17484 Sault Ste Marie	Evergreen 12354 Vancouver, B C.	Ewavea 131004 St John, N.H.	Execusion   13509 Detroit, Mich.	P Dupre 116593 Montreal, P Q	F. Paul. 126150 Sorel, P Q	F N McCrea 126122 Kingston, Ont	Fred L. M. Pannt 111791 Port Hawkesbury	F W Avery 103639 Ottawa, Ont.	F W Grant 134262 Midland, Ont	F W. Ro-bling 113782 Halifax, N.S.	Fairfat Ill966 Pietoa, Ont.	Fairy Sydney, N.S.	Fannic

SES	SION		PAPE	R No	o. 23													
Spaaish Mills and vice B. W. Arnold, Albany, N.Y. aity.	Vuncouver and Powell Brooks Scanlin and O'Brien, river.	strnits Westminster Towing and Fishing Co., New West-	Canadian Tug Boat Co. Vaucouver, B.C.	straits Joseph Mayers, New West- minster, B.C.	W. K. Sims, Sault Ste. Marie, Oat.	Sin-McNaughton Line, Mon- treal, P.Q.	La Cie Nav. de St. Laurent, Richeliou.	J. W. Collings, Beaudette, Minn. U.S.A.	Vancouver and Coasting, Canadian Fishing Co., Van- B.C.		Ottawa Transportation Co., Ottawa, Ont.	Quebee Trans, and Forward- ing Co., Quebec.	G. F. Todd, Victoria, B.C.	N. Y. Newfoundland and Halifax S. S. Co., Liver-	D. Glasier and Son, St. John, N.B.	and Monarch Towing and Trad- ing Co., New Westminster,	J. S. Thom, Quebec, P.Q.	Forager Trans. Co., Ltd., Victoria, B.C.
Spanish Mills and vici- nity.	Vnncouver and Powell river.	Vancouver and straits of Georgia.	Vancouver, Howe Sd.	Fraser river. Fraser river and straits of Georgia.	St. Mnry's river	Montreal harbour	Lanoraie and Pointe aux Trembles.	Rainy river	Vancouver and Coasting. B.C.		Ottawa river	Lake Ontario and St. Lawrence river.	Skeena river	Foreign and Halinax	St. John river	New Westminster and Nauaimo.	Quehec harbour	Victorin-Nanaimo Victorin-Vancouver and Puget Sound ports.
Screw 31.8	Screw	Screw_39-1	Screw 28.2	Screw	Screw. 2	Screw54	Screw 26	Screw	Screw 81.6		Screw34.7	Screw 54	Screw 5.4	Screw 217.4	Screw 61.1	Screw 13.5	Screw 2.7	Sorew 13.3
25-9-15 8-12-15	31-7-16 28-7-17	30-4-16	30-5-16 25-5-17	6-6-16	Not issued	16-6-16 25-4-17	3-6-16 23-5-17	30-6-16 26-6-17	17-5-16 15-5-17	30-10-17	18-8-16 1-5-17	Not issued	31-5-16 30-5-17	27-10-16 27-10-17	14-4-16 13-4-17	24-7-16 18-6-17	Notissued	26-4-16 22-2-17 8-3-17 6-3-18
E. W. McK. S. D. A.	A. E. H.	Н. С. В.	H G.R.	H. G. R.	S.D.A.	F. X. H.	F. X. H.	W. J. V.	A. E. H.	H. G. R.	J. T.G.	T. P. T.	Á. E. H.	N. A. C. A. McD.	C. E. D.	A. E. 11.	J. A. G.	B.M.
Cutler, Ont	Vancouver, B.C	Vancoaver, B.C	Fraser Mills, B.C	New Westminster	Sault Ste. Marie	Sorel, P.Q. 25-4-16	Sorel, P.O. 23-5-16		Vancouver, B.C	2nd inspection.	Hull, Que	Kingston 24-4-16	Inverness, B.C	Α	St. John, N.B	New Westminster	Quebeo, P.Q	Victorin, B.C. 26-4-16 2nd inspection. 7-3-17
Tug and Pass. 1 Wiarton, O.	Tug	Таg	Tug	Tug	Passfreight.	Tug	PassFreight.	Tug	Fishing boat.		Tug	Tug	Tug	Pass. 220	Tug	Tug	Tug	Freight
73 1882 Wood 50 Owea Sound, Ont. 1911 Rebuilt.	72 Warton, Out. 49 Vancouver, B.C.	145 1908 Wood 95 New Westminster	:	- ; ;	at.		0.0	Vood Ont.	266 1885 Steel		62 1881 Wood Rockland, Out.			3,081 1909 Steel 1,980 Glasgow, G.B.	178 1882 Wood	32 Vancouver, B.C.		700d B.C.
Fanny Arnold 85322 Owen Sound, Out	Farqubar. 126205 Vancouver, B.C.	Faultless New Westminster	Fearful 130494 New Westminster.	Fearless 107241 New Westminster.	Fedora II	Febicia D. 134358 Montreal, P.Q.	Ferdinand 122221 Montreal, P.Q.	Five Roses. 112080 Rainy River.	Flamingo.		Florence 83072 Ottawa, Ont.	Florences8309 Quebec.	Florence. 97163 Victorin, B.C.	Florizel. 3, 125957 Liverpool, G. B. 1,	:	Flyer 107712 New Westminster,		Forager 116412 Victoria, B.C.

## TABLE I-Continued.-TABLEAU I-Suite.

											o al	.Ond	L V.	Λ, 1310
Namo and Address of Owners. Noms of arlesses des propriétaires.	Canadina Interlake Line, Forento, Ont.	Silver Islet Nav. Co., Fort William.	and Brown, Headley and Stalker New Westminster.	to Hadson's Bay Co., London, Eng.	and 'Parry Wm. Martin, Penetang, Out.	Canadina Dradging Co., Ltd., Midland.	Vancouver and Straits of W. H. Whalen, Vancouver, Goorgia,	New A. Gill et al, Vanco 1ver, B.C.	François Crépeau, Sorel, P.Q.	American Fransit Co , Ltd.,	N. S. Cornell, Port Stanley, Ont.	Moore and Stanton, Port Stanley, Ont.	W. Hackeet and Sons, Que-	Goorgian bay and Pt. W. II. Oldfield, Parry Sound aut Baril.
Ikoute.	Lakes and rivors	Coasting Lake Superior. Silver Islet.	New Westminster and Fort Langley.	Vermilion Chutes to Fort McMurray.	Penetang and Tarry Sound.	Welland canal Cunadian Dredging I.dd., Midland.	Vancouver and Straits o	Fried river and New Westminster.	Sorel and Borthier François P.Q.	Point froquois and	Lake Eriu	Lake Erie	Quobec harbour	Georgian bay and Pt aux Baril.
Propulsion— N.H.P. Propulsion— N. en H.P.	Scfow	Paddle	Screw	Sternwheol 9.6	Screw. 3.3	Serow 8.5	Scrow	Screw	Screw 13·5	Screw	Scrow	Screw. 10-6	Scrow 24.8	Scrow 10.6
Cartificato: Issuad— Expires. Cartificat: Délivennoo— Expiration.	20-4 16 IS-1-17	21-6-16	20-6-16	12-6-16	Not issued.	31-10-16	9-3-17	27-3-17 17-2-17	9-5-16	28-117	12-9-16	11-10-16 20-9-17	Not issued.	Not issued. Scrow
Inspectors' Initiales Initiales des inspectours	G M A	\ \frac{1}{2} \text{\tint{\text{\tint{\text{\tinit}\\ \text{\texi}\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\texi}\text{\text{\text{\text{\texi}\text{\text{\texi}\text{\text{\texit{\text{\texi}\text{\texi}\text{\text{\texi}\text{\text{\text{\tex{	VE 11	J. T. M J. T. M	G. M. A.	1. B. S.	H. G. R.	V. E. H.	F. X. H P. D.	J D.	1. B. 7.	1.8.8.	J. A. S	G. M. A.
Port and Dato of Inspection. Ports et dates d'inspection.	Midlind	Port Arthur			Penetang, Ont	,		New Westminster	Sorel, P.Q		Port Stanley	Port Burwell, Ont.	Quebec, P Q	Fishing tog Pt. au Baril
Frade-No of Pass. Service- Nombro de pass.	Freight	Pass.	Pass 40	Freight and Pass.	Tug	Tug	Tug	Tug	Ferry	Treight.	Fishing boat.	Fishiog boat.	Tug	Fishing tug
Where and when Bult Material.  Too. Annès et lieu de construction Nature do ha control	2, 4 × 1912 Steel . 1,405 Glasgow, G B.	571 [vil Steel	33 Vancouver, 13.C.	561 1915 Composite	13 Penetanz, Onc.	43 I'M Word.	91 187 Woxl. C.S.A.	10 Vancouver, B.C.	126 1999 Steel	269 Buffalo, N.Y	13 1895 Wood.	23 Port Stanley, Ont.	26 Oakville, Ont	
Name of Ve = 1—Official No Port of Registry. Noms de mayirs - Numbres of mode - Ports denreg at run of.	F'rd n an 1	Forest City 113/97 Sc Johns, Nild.	Fort Langley- 130877 Now We trained r	Fort McMurray not registered Winnipeg intended.	Frances Mart n 126651 Midlan I. Ont	France W. 126051 Owen Sound, Out	Francis Cuttang. 126097 Vancouver, B.C.	Francis Llabo 130546 Vancouver, B.C.	Francois C 126151 Sorel, P.Q	Frank B. Stevens 134517 Sarnis, Ont	Frank G McAuley 107192 Saux en, Ont.	Frank II Stablev In 23. Port Stanley, Oot	Frank Jackman	Frank L. III 79 Toronto, Oot.

0 5	00	ION	JAI	DAD	ED I	Ma	23
S-1-	7	IUIN	JAI	PAP	r ĸ .	VO.	23

SE	10188	VAL I	PAPE	R No.	23												
Dryden Lumber and Power Co., Dryden, Oat.	Railways and Canals Dopt., Ottawa.	Chaleur Bay Mills, C.	and Sable Union Ltd., Quebec, P.Q.	S. L. Penhorweed, Saul Ste. Marie, Ont.	H. J. Carson, St. John, N.B.	Public Works Dept., Ottawa Ont.	P. Glasier, Lincoln, N.B.	Island Tug Co., Charlotto-town, P.E.I.	Alfred Wallace, North Van-	Dopt. of Public Works, Ottawa, Out.	Quoboo and Isle of Or- La Cie Maritime Industrielle lonns.  de Lévis, P.Q.	Ino. Donnelly, Kingston, Ont.	Dopt. of Marine and Fisheries, Ottawa.	Upper Ottawa Improvement Co., Ottawa.	Miss A. F. Gregory, St. John, N.B.	Atlin Construction Co., Victoria, B.C.	Ottawa Transportation Co.,
Lake Wabigoon	Rivers and canals	Ristigouche river	Quebee barbour and river.	St. Marys rivor	Consting	Coasting	St. John river	Coasting, P.E.I	Vancouver and Points on Straits of Goorgia.	Rod river	Quobee and Isle of Orlonns.	St. Lawrence river	Montreal and Quebec	Lake Deschenes	St. John river	Prince Rupert & Class iv Atlin Construction Consting, B.C.	Ottawa rivor
Screw 13.5	Serew	Screw	Serow	Serew	Serew 13.5	Serew 27.3	Screw	Serew 16.7	Scrow 24	Screw	Serow	Sorow 17.3	Not issued Twin screw	Paddle	Serew20	Serew 58	Sorew 37
Not issued  Screw	29-6-16 4-5-17	Not issued Screw	Not issued Serew	1-8-16 24-7-17	15-4-16 21-7-16	26-5-10 26-5-17	22-5-16 9-4-17	Not issued Screw	10-3-17	9-5-16 5-5-17	12-5-16	8-9-16 1-9-17	Not issued	23-5-16 19-5-17	17-4-16	1-6-16	31-12-16
W. J. V.	J. T. G.	J.A.S	J. A. S.	E. W. McK.	Z. A. C.	C. E. D	C. E. D.	C. E. D.	H. G. R	G. P. P.	I. A. S.	r. D. T.	F. X. H.	1. B. C.	C. E. D.	A. E. H. A. E. H.	LE L
Dryden, Ont	Montreal, P.Q	Mission Point	Quebec, P.Q	Sault Sto. Mario, Ont E. W. McK. 24-7-16	Yarmouth, N.S	St. John, N.B.	St. John, N.B	Charlettetown 5-7-16	Vancouver, B.C	Selkirk, Man. 5-5-16	Queboe, P.Q. 17-4-16	Portsmouth, Ont 6-9-16	Sorel, P.Q. 7-4-16	Aylmer, Que	St. John, N.B	Prince Rupert	14nii, Que. 16-6-16
Tug	Tug	Tug	Tug	Teg	Fishing boat.	Tug	Tug	Tng	Tng	Tag	Ferry 400	Tug	Tog	Pass. Tug.	:	£ 7;	1 og
Wood.			51 1904 Steel	65 1896 Wood. 32 Port Huron, Mich	26 1881 Wood 13 Yarmouth, N.S.	100 1913 Steel	10 1896 Wood	60 1888 Wood 38 Mt. Pleasant, P.E.I.	94 Wood	Wood	304 1899 Stool	111 1901 Wood 64 Garden 1sd Ont. 1913 Rebuilt.	Garden ishnad. 1901 Composite 131 Sorel, P.Q	255 1896 Steel	68 1873 Wood 13 St. John, N.B. 1901 Rebuilt.	1	
Frank Marshall	Frank Perew 70287 Montreal, P.Q.	Frankio II. 116223 Quebee, P.Q.	Fraserville	Fred A. Lee 134379 Sault Ste. Marie, Ont.	Freddie V. 80261 Yarmouth, N.S.	Fredericton. 131137 Ottawa, Ont.	Fred Glasier. 103260 St. John, N.B.	Fred M. Batt	Freno	Friday(not registered).	Frontenne	Frontenac 117767 Kingston, Ont.	Frontenne	G. B. Greene	G. D. Hanter	G. E. Foster	S5553 Ottawa, Ont.

### TABLE I—Continued.—Tableau I—Suite.

									8	GEOI	RGE	V, A.	1918
Nume and Address of Owners. Noins of adresses des propréduires.	W. C. Edwards Co., Ottawn, Ont.	.B	Lakes, rivers & consting Nonteyunn Transportation Co., Ltd., Toronto.	Toronto bay & W. Works Corporation of the City of Intake Pipe.	Beaver Dredging Co. St. John, N.B.	Spar-Bennett and Whitesides, Hamlet, Ont.	George Danserenu, Gren-ville, P.Q.	Thos. Robinson, Wabigoon, Ont.	Minister Marine, Ottawa.	H. W. Ainsley, Port Dover, Ont.		Detroit and Windsor Ferry Co., Detroit.	Northwest Nav. Co., Win- nipeg, Man.
Ronte.	Ottawa river	16-6 bour. Miramichi rivor.	Lakes, rivers & consting	Toronto bay & W. Works Intake Pipe.	Consting	Severa river and row lake,	Ottawa river	Lake Wabigoon	Pacific Coast	Lako Erie	Toronto and Lake Onta- rio ports.	Windsor and Detroit	Lake Winnipeg
Propulsion—N.H.P. Propulsion—N. on H.P.	Screw 4.8	15.5 Serew 16.7	Scrow 116.6	Scrow. 8.5	Screw	Twin screw	Not issued. Screw. 3.3	Serew 3.5	Serew	Serew3.3	Paddle	Scrow	Serew 31.8
Certificate: Expires. Certificat: Délivranco- Expiration.	Not resured.	23-8-17 15-9-16 26-7-17	Not issued 12-6-15 10-6-17	Not issued	30 11 16	Not issued.		30-9-15 26-9-17	-	Not issued	14-3-16	26-5-16	19-9-16 24-5-17
Inspectors' Initials. Initiales cles inspectors inspectors	E L	CED	G E D. G M. A. S. D. A.	J. B. S.	0 H D B D B D B D B D B D B D B D B D B D	S. D. A.	J. T. G	W. J. V.	W. J. C.	J. B. S.	L B. S.	W. E.	20
Port and Date of Inspection. Ports et dates d'inspection.	:	Chatham, N.B	9 99	Toronto, Ont.		Hamlet, Out., 5-8-16	Montreal, P.Q	Wabigoon, Ont	Esquimalt, B.C.	Port Dover, Ont	Port Dalbousie J. B. S. 1-6-16 J. B. S. I. B. S.	Windsor, Ont 28 4-15 25-5-16	Selkirk, Man. 24-5-16
of Pass. Service—Nonthe		Tug	Freight	Tug	Tug	Pass. 40	Tug	Tug	Fishery cruiser.	Fishing tug.	Passt. 758 e.	Ferry pusa.	Раме. Тик . 15
Where and when Balf Material. Anno et lieu de constructi m— Auture do hs coque.	33 1882 Wood	31 Gendola Pt. 1908 Rebuilt. 24 John, N. B. 57 1914 Wood.	2,940 1907 Steel 2,337 Dundee, G B.	199 1912 Steel	75 St John, N.B.	35 Hamlet, Ont.	12 Greaville, P.Q.	31 Waubigeon, Ont.	123 Dublin, Ireland.	15 Port Dover, Ont.	637 1892 Steel	24s 1850 Wood Mich.	120 1914 Wood 51 Selkirk, Man.
Name of Vessel -Official No. Port of Registry. Nonst des mannes. Nonst des mannes. Numbres oft stells - Ports Aumfors oft stells - Ports		G M Stearts 13130 Chutham, N B	G R Crowe 2, 2, 13324 Toronto, Ont	G R Geary 130313 Townto, Ont.	C . Nayes 133756 Nt. John, N B	G. Whus 126839 Foronto, Ont	Gaetun 133229 Montreal, P.Q.	Galatin 107206 Wianipeg, Man.	Galiano. 136M7 Ottawa.	Gambler 126612 Port Dover, Ont	Garden City Ilvilla Toronto, Unt.	Garland S519 Detroit, Mich.	Garry 134253 Winnipeg, Man.

SESSION	NAL PAPER	No. 23						
de The Gaspé & Baie des Challeurs SS. Co. Ltd., Quebec	S. Smith, Port Sydney, Ont. E. Lowis, Sault Ste. Marie, Ont.	Colwell Bros., St. John, N.B. W. Thomson, Orillia, Opt.	Can. Northwest S.S. Co., Port Arthur, Opt. Lievre River Nav. Co.; Buckingham, P.Q.	Thos. Gauley, Spult Ste. Marie, Ont, Wm. Morrison, Kincardine, Ont.	Bowman Lumber Co., Cematlia, B.C.	St. B. H. Turner, Little Carrent, Ont. General Contracting Co., Ltd., Montreal, P.Q.	Georgian bay	Snult Northern Nav. Co., Collingwood.  Michael J. Hancy & Roger Miller, Toronto, Ont.  Dominique Legault, Charlton, Ont.
Mentreal and Bay de T	Port Sydney and Hunts-A. ville. St. Marys river	Michipicotea bay	Port Colborne and Can, Port Duluth.  Buckingham to High Lievre Falls.	Thessalon to Goulais bay T	Arrowlakes	Benverstone & Sault St. B Marie. Quebec harbour G	Georgian bay Bort Mann and Patricia T.	wood and Snult Marie. hore (Ontario).
Screw70	Screw 3.5 Screw 4.8	Twin screw 1.2 Screw	Screw Screw	Screw 8.5	Screw_16-7	Screw	Screw 10.1 Screw 30.4	Screw. 71.5 Screw. 16 Screw. 2.4
18-4-16 18-4-17 Not issued	9-9-16 24-8-17 Not issued	19-8-16 15-6-17 14-8-16		Not issued.	26-5-6 6-5-17	Not issued.	Not issued 25-9-16 12-9-17	27-5-16 1-5-17 Not issued.
I.A.S. J.A.S.	G. M. A. S. D. A. E. W. McK.	C. E. D. W. R. B. T. P. T.	W. J. V. W. E. L.	F. D. E. W. McK. J. B. S.	W. J. C.	E. W. McK.	G. M. A.	E. W. MeK. S. D. A. G. M. A. J. E. L.
	Hantsville, Ont. 25-8-16 25-8-16 Sault Ste. Marie.	St. John, N.B. 15-6-16 15-8-16 Peterboro, Ont. 22-7-16	rich.	Sault Ste. Marie 2-5-16 Port Stanley, Ont	Arrowhead, B.C.	Little Cur.ent, Out	Parry Sound, Ont 20-7-16 Port Mann	
45	Pass. 40	Pass. 43 Pass. 215	Freight Pass. frt	Tug Fishing boat.	Тик	TugT	Tug	Puss 316 516 cx Tug
: :	35 1897 Wood		2,410 1891 Steel	22 1888 Wood T 21 Buffalo, N.Y. 1916 rebuilt. S. Ste-Marie 1908 Wood Fill Kincardine, Ont	70 1904 Wood 48 Nakusp, B.C.	56 1880 Wood. 38 West Bay City. 1910 Rebuilt, West Bay City. 51 1910 Wood. 20 Montrenl, P.Q.	ad, Ont. sbuilt. ad, Ont. Recl.	i di
Gaspesiaa	Gen 103854 Toronto, Opt. General Weitzell 107482 Sault Ste. Marie, Opt.	Geneva 116966 St. Andrews, N.B Geneva 117071 Toresto, Ont.		George Emmerson. 122437 Sault Ste. Mario George D. Morrison. 11197 Southampton, Ont.	George F. Piper 116411 Victoria, B.C.	George W. Cuyler 111809 Sault Ste. Marie. Gerald R	Gernldine	od, Ont.

Table I- Continued.—Table I-Suite.

								8 GEORG	iΕ V,	A. 19
Name and Address of Owners. Norms et adresses des propriétaires.	Halifax Towboat Co.,, Halifax, Muskoka Wood Mig. Co.,	Inland Trading Co., Vico toria, B.C.	B. G. M. & Co., Ltd., Victoria, B.C.	Vancouver, A. A. Agar, Bur	St. Ottawa Transportation Co., Ottawa, Ont.	Straits II. Wilbur and J. Speedy,	Union S.S. Co. Hamilton, Ont. John Price, Port Stanley, Ont.	Great Lakes Trans. Co., Midland, Ont. T. Clark, 31 James St., Liverpool, G.B.	Ridenu Canal Supply Co., Ottawa,	Port Great Lakes Trans. Co., Midland, Ont.
Routa.	Consting and Italifax Halifax Italifax Italifax Italifax Muskoka river Muskoka	Atlin lake	Cariboo and Taka		Laka Ontario and St. Lawrence river.	Vancouver and Straits of Georgia.	Sydney and coastwise	All lakes and rivers	Ottawa river	All lakes and ri- Port
Propulsion—N.II.P. Propulsion—N. en JI.P.	Serew	Scraw.	Stern wheel	22.5 Screw	Serew 20.2	Serow	Screw. 146 Screw. 16.6	Screw.	Screw. 4.8	Screw
Certificate: Issued— Expires. Certificat: Délivence— Expiration.	25-7-16 19-6-17 Not issued	31-7-16 30-7-17	31 7-16 28-0-17 23-317		31-5-16	15-2-17	264-16 124-17 12-10-16 15-0-17	29-4-16 20-4-17	Not issued	28-4-16
Inspectors' luitials. Initiales des inspecteurs.	N. A. C. A. MeD. G. M. A.	11. G. R.	H. G. R.	E. G. R.	2. D. A. P. D.	A. E. II.	D. J. M. A. Me. D. J. B. S.	G. M. A. S. D. A. J. B. S.	1. E. L.	J. B. S. S. D. A.
Port and Date of Inspection. Port of dates d'inspection.	Dartmouth, N.S	Atlin, B.C. 7-16	Taku, B C	22-3-16 Burks Falls, Ont	Hull, P.Q., 25-4-16 20-5-16	Vancouver, B.C.	Louisbourg, N.S 13-4-16 12-4-16 Port Stanley, Ont	Midland, Ont 17-4-16 20-4-16 Port Colborne, Ont	Ottawa, Ont	Midland, Ont
Frade—No of Pass. Service— Nombre de pass.	Pasa tugug 100 hbr. Tug	Tug	Pass frt 100 Tug	Pres. frt .	Freight	Tug	Freight Fishing tug.	Freight. Freight.	Freight	Freight
Where and when Built—Material. Année et lieu de construction— Nature de la coque.	37 Bresskyn, N.A. Syffeey, N.S. Syffeey, N.S. 19 1902 Wood, Corllan, Ont.	15.00 Jersecy (	1509 Bennet 1913	44 Vancouver, B C. 65 1905 Wood 44 Magnetawan, Ont.	276 1912 Composite	74 1912 Word 56 V.ancouver, 18 C.	1,434 Dundee, Scot. 1,434 Dundee, Scot. 4 1909 Wesd. 29 Port Stanley, Out.	2,406 1893 Steel 1,47. Cleveland, Obio. 1,679 1913 Steel. 1,050 Londonderry, G B.	96 Ottawa, Dat.	1,089 Cleveland, Ohio
Топ.	255 21-	0.0	E. 2	# 3+	925	1 - 10 0 - 1	(1) 中 (1) 中 (1) 中	2,406 1,47_ 1,679 1,050	142	1,98
Name of Ve 1-Otheral No Port of Rg try. Noma den navires— Numbres officiels—Porta d'envigatrement	Clid Tallage, US.	Gladys Vancouver, B.C.		Gleands Peronto, Ont.	Glen Allan . 1 : 45 Ottawa, Ont.	Glenboro 130800 A ancouver, B.C.	Glenellah. 112205 Hamilton. Glen Eric . 121958 Port Stanley, Ont	Glen Finnan 1265 9 Medland, Ont. Glenfoyle, 13561 Londonderry, G B	Glen Isle., Ottawa, Ont.	Glenlivet 134261 Midland, Ont.

S	ES	SI	ON	IAL	PAP	ER	No.	23
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SESSIONAL	PA	PER No	. 23												
ikes Tr d, Ont. Trans.	.Wallace Bros., Vancouver, B.C.	Grent Lakes Trans. Co., Midland.	Montreal Trans. Co., Montreal, P.Q.	Wm. Lawlor, Hawkesbury, Ont.	F. & A. Stanton, Sparrow lake, Oat.	Wm. McFatridge, Halifax, N.S.	Quebee Salvage & Wrecking Co., Montreal, P.Q.	G. H. Jackson, et al, Port Stanloy, Oat.	Conger Lumber Co., Toronto, Ont.	Pacific Coast SS Co., New York, N.Y.	John City Corporation, St. John, N.B.	Eastern SS. Co., Boston.	Enstern SS. Co., Boston, Mass.	Port Huron & Sarnia Ferry Co., Port Huron, Mieh.,	Mickle & Dyment, Graven- hurst, Out.
Lakes and rivers.	Prince Rupert harbour.	Port Colborne and Du-Grent Lakes luth.	River St. Lawrence	Rivere and eanals	Sparrow lake and Severn F.	Coasting	Coasting and Halifux	Lake Erie	Parry Sound and vicin- ity.	Ocean route.s	St. John and St. John west.	Coasting	St. John to Boston and Enstern coastwise. Mass.	Sarnia and Pt. Huron	Muskoka lakes
	Serew6	Serew	Screw 32.7	Serew.4.8	Serew 3.6	Serew 47.1	Serew 89.8	Serew_13	Serew 1.63	Twin screw	Serew 52.8	Tr. screw (turbine)	Serew 254.9	Serew 5.6	Screw 10.6
	5-6-16	20 <del>-4</del> -16 10-4-17	18-8-16 12-4-17	Not issued	12-8-16 9-8-17	15-12-16	29-11-16	Not issued	2-8-16	. 15-1-17 24-11-17	6-6-16 12-5-17	21-12-16 18-12-17	10-6-16 6-6-17		Not issued. Screw
W. J. V. G. P. P. G. P. P. D. J. M. A. MeD.	A. E. H.	W. J. W. G. P. P.	T. P. T.	T. J. G.	G. M. A.	N. A. C.	D. J. M.	J. B. S.	G. M. A.	B. M.	1. 5. 0. 1. 5. 0.	C. E. D. W. R. B.	C. E. D.	J. D. W. E.	G. M. A.
Midland, Ont. 194-16 204-16 (Special inspection) 6-9-16 Sydney, N.S. 26-6-16 29-6-16	Prince Rupert, B.C 5-6-16	Fort William, Ont 10-4-16 20-4-16 (Secial inspection)	Kingston, Out	Hawkesbury, Ont 20-8-16	Sparrow lake 17-7-16 Port Staaton, Ont.	Halifax, N.S	Halifax, N.S 29-11-16	Port Stanley, Out	Parry Sound, Ont	Vietoria, B.C	St. Johr	Boston,	0-6-16 6-6-16	Sarnia, Ont.	Gravenhurst, Out
Freight	Tug	Freight	Tug	Tug	Pass. 10	Tug	Tug	Tug	Tug	Freight	Ferry498 pass.	Pass. frt 376	813	170	Tug
Mich.	18 1902 Wood	3,788 Cleveland, U.S.A.	78 1882 Wood 37 Kingston, Ont. 1899 Rebuilt.	80 1883 Wood	6 Kingston, Ont.	100 Philadelphia, Pa.	198 1910 Iron.	22 Port Stanley, Ont.	16 1913 Wood 5 Parry Sound, Ont.	2,401 Camden, N.J.	Saunder	Chester, Pa.	Chester	Buffalo, 1904	Gravenhurst, Out.
		3,78	1-00			14	. 19					. 2522 1556 3826		49	. 61
Glen Lyon	Glen Rosa. 111982 Vaneouver, B.C.	Glenshee	Glide	Glide. 85368 Ottawn, Ont.	Glympse	Goliah	Gopher. 131305 Quebee, P.Q.	Gordon Brown 94716 Port Stanley, Out	Gordon S. 133742 Toronto, Ont.	Governor. 204314 New York, N.Y.	Governor Carleton 130631 St. John, N.B.	Governor Cobb. 203584 Bath, Me.	96483 Bath, Me.	10997 Port Huron, Mich.	Grace M. 121703 Toronto, Ont.

Table I Continued.—Tableau I—Suite.

						8 GEORGE	V, A.	. 1918
Name and Address of Owners. Nouse et adresses des propriétaires.	Jno. Maloney, Port Arthur, Ont. Butler Preighting Co., Vic- toria, B.C.	C Z	Annapolis and St. John, Valley Steamship Co., Gran- N.B. Coasting, ville Ferry, N.S. Maganetawan river A. Agar, Burks Falls, Ont.	Windsor and Detroit . Grand Trunk Ry., Montreal, P.Q. Rossport and Battle is'd E. McKny, Buttle 1ed., Ont.	Vietoria Whaling Co., Toronto, Ont. Henry Emeris, Vancouver, B.C.	river and His Majesty the King. Detroit, White Star Line, Detroit,	Holliday and Wade, Quebee	Ont. Elz. Bernier, Lauzon, P.Q.
Route.	Thunder Bay	Coasting  Selkirk and Norway House,			CoastingVuncouver harbour	St. Lawrence river and Lake Ontario. Goderieh and Toledo	Gulf of St. Lawrence Holliday and Wade	
Propulsion—N.H.P. Propulsion—N. en H.P.	Scrow 13.5 Scrow 13.8	Scrow 31.8 Screw 39.8	Screw 24 Screw 8.3	Paddla 129 129 Serow 3-3	Screw 6	Serew 71.5 Paddle 120	Sernw 43.8	Screw
Certificate: Insued – Expires. Certificat: Délivrance- Expiration.	2)-10-16 16-10-17 31-10-16 27-10-17	15-9-16 27-5-17 27-5-16 21-5-17	22-4-16 21-4-17 Not issued	13-10-16 13-10-17 24-7-16 18-7-17	31–3–17 22–3–18 11–11–16 9–11–17	13-6-16 1-4-17 21-6-16 17-5-17		29-6-16 29-6-17
Inspectors' Intials. Intials. des des inspecteurs.	W. J. V.	0.00 × 0.00 0.00 × 0.00 0.00 × 0.00	A. MeD. N. A. C. G. M. A.	J. D. W. E. W. J. V.	B. M. B. M. A. E. H.	T. P. T. J. D. W. E.	V. A. S	G. M. A. I.A. S. P.D
Port and Date of Inspection. Ports at dates d'inspection.	Port Arthur, Ont 16-10-16 Victoria, B.C.		Annapolis, N.S	Windsor, Ont 11 10-16 Windsor, Ont (2nd insp 12-2-17 Roseport, Ont. 18 7-16	Victoria, B.C. 23-3-17 2-5-16 2-5-16 Vancouver, B.C. 19-11-16	Kingston, Ont. 12-5-16 Detroit, Mich. 20-6-16	Quebec, P.Q	Mashago 10-10-16 Quebec, P.Q. 23-6-16
Trudo—No of Pass.	Tug Fish Freight	Pass Frt 250 Freight Pass.	Pass 12 Tug	Car ferry Pass., 290 Private Private yacht.	Whaler	Govt. serv Fass L. 459 L.	Whaler	Freight.
Where and when Built - Material.  Angle et heu de construction— Sature de la cerque.	1946 Wood Goderich, Out. 1949 Wood Victorin, B.C.	1911 Wood Liverpool, N.S. 1905 Wood Solkirk, M.o.	Selkirk, Man. 1909 World Shelburne, N.S. 1902 Wood Gravenhurst, Ont.	1856 fron Walkerville, Ont. 1904 Word Wallaceburg, Ont.	1910 Steel Christiana, Norway. 1909 Wood New Westminster.	1915 Steel Toronto, Ont. 1902 Steel Wynadotte.	Steel	= 0
Ten-	38 32	383 1983	38 88	1080	113 611	1392 748 748	911	
Name of Vessel +) fitting NoPort of Registry. Noms des navires Numéros officiels -Ports d'enregistry neit	Gracie 116386 Port Arthur, Ont Grainer 126506 Victoria, M.C.	** E	Gravarillo 122587 Yarmouth, N.S. Gravenburst. 102172 Toronto, Ont	Great Western 89576 Windsor, Ont. Grebe . 116382 Port Arthur, Ont	Green 131339 Liverpool, G.B Greenwrood 107336 Vancouver, B.C.	Greaville 13457 Ottawn, Opt. Greybound 8821 Detroit, Mich.	Grib 131116 Montreal, P.Q.	Gride 98932 Glaccow, G.B.

SESSI		PAP	ER N	lo. 2	3											
Coasting	Dominioa Dredging Co., Ottawa.	and Granite B. C. M. T. & T. Co., Vancouver, B.C.	Montreal Transportation Co., Montreal.	Wm. Peterson, Newcastlo.	Kingston and Oswego . Jno. Sowards, Kingston, Ont.	Morristown and Brock-Brockville and Morristown ville Ferry.	Inkster & Misner, Colling-wood, Ont.	Matthews SS. Co., Toronto. Oat.	Jos. Page, Chicoutimi, P.Q.	vicin Herb. Hailstone, Carling Ont.	viciu-Sir Jno. Boyd, Toronto, Ont.	Canada Atlantic and Plant SS. Co., Halifax, N.S.	Dartmouth Ferry Com. Dartmouth, N.S.	P. B. Belyea, St. John, N.B.	Ottawa and Montreal Ottawa. Transportation Co., Ottawa.	Upper Ottawa Improvement Co., Ottawa Ont.
Coasting	New Welland canal	Rock bny and Granite Poiat.	St. Lawrence river	Montreal and Gt. Lakes. Wm. Peterson,	Kingston and Oswego .	Morristown and Brock-ville Ferry.	Not more than I hour's Inkster & Misner, run out of Port Hope. wood, Ont.	Father Pt., Duluth and Matthews SS. Co., Ellis Bay, Anticosti.	Saguenay river.	Parry Sound and vicinity.	Parry Sound and vicinity.	Halifax and Boston	Halifax harbour	St. John and Kennebe-P. B. Belyea, casis.	Ottawa and Montreal	Chats lake
Screw 52 Screw 10	Screw 32.1	Screw. 5.6	Twin screw 57.2	Screw 163.7	Screw 58.9	Screw 8-4	Screw	Screw. 87	Screw 16.6	Screw 1.2	Screw 4.4	Screw 350	Twin ecrow	Stn. whoel	Screw 7.5	Paddle
Not issued 18-4-16 12-4-17	Not issued.	23-1-17 20-1-18	1-5-16 10-4-17	29-4-16		15-9-16 9-6-17	16-10-16	20-4-16 18-4-17 27-6-16 27-6-17	13-10-16	Not issued	1-8-16 19-7-17	27-7-16	31-12-10 15-11-16 10-11-17	1-6-16 30-5-17	9-5-16 25-4-17	Not issued Paddle
N.A.C.	J. B. S.	А. Е. Н.	T. P. T.	G. M. A.	T. P. T. M. R. D.	T. P. T. M. R. D.	T.P.T.	W. A. V. G. P. P. F. D.	J. A. S.	G. M. A.	G. M. A.	N. A. C.	A. M. D.	C.E.D	J. E. L. P. D.	J. E. E.
Naval Serv. Halifax, N.S	Port Weller, Ont	Vancouver, B.C.	Kingston, Ont	Port McNicoll	Kingston, Ont	Brockville, Ont 14-9-16 17-8-16	Port Hope, Ont	Fort William, Ont 18-4-16 20-4-17 2nd inspection.	Chicoutimi, P.Q	Parry Sound, Ont	Parry Sound, Oat	Halifax, N.S.	Dartmouth, N.S	St. John, N.B	IIull, Que 25-4-16 Montreal, P.Q	
Naval Serv. Govt. serv.	Tug	Tug	Tug	Freight	Freight	Pass. 80	Fishing tug.	Freight	Tug	Yacht	Yacht	Pa°s. Frt 120	Ferry 470	Pass. 286	Freight Pass.	Tug
262 1893 Steel. 106 Scotstown, N.B. 27 1906 Wood. 18 Quirtermaster Harb'r	1910 Steel Alphew-on-Rhine, Holland.	1905 Wood Vancouver, B.C.	Montreal, Que. 1899 re-	Port Glasgow, G.B.	1868 Wood Cleveland, U.S.A. 1909 rebuilt.	1893 Wood Baldwinsville, N.Y.	38 1915 Wood	1603 1904 Steel Toronto, Ont.	1913 Wood St. Alphonso, Que.	1889 Wood Collingwood, Oat.	1905 WoodCleveland Pt.	1888 Steel Glasgow, G.B.	1911 Steel Old Kilptrich, Scot.	1,183 1906 Wood 115 St. John, N.B	1889 Composite Montreal.	Ottawa. 1896 Steel Sand Point, Ont.
262 106 27 18	119 116	27	137	1592 1038	440 230	37	238	1603	338	00 1/3	11	1874	595 268	1,183	247	319
Gulnare. 97071 Ottawn, Ont. Gunhild. 130737 Vancouver, B.C.	Gwennith 129159 Ottawa, Oat.	Gypsy 117120 Vancouver, B.C.	H. F. Bronson. 43 of 1870, Montreal, P.Q.	H. M. Pellatt. 114446 Newcastle, G.B.	H. N. Jex. 137982 Kingston, Ont.	H. P. Bigelow. 96269 Ogdensburg, N.Y.	H. Fors 138003 Port Arthur, Ont.	Haddington 116764 Toroato, Ont.	Ha Ha 131017 Quebec, P.Q.	Halcro 94686 Collingwood, Ont.	Halcro II 121701 Toronto, Ont.	Halifax 95099 Halifax, N.S.	Halifax 129590 Halifax, N.S.	Hampton 121837 St. John, N.B.	Ifall 96715 Ottawn, Ont.	Hamilton 108842 Ottawa.

Table I Continued.—Tableau I Suite.

		:		Harbinger Steam Trans, Co. Yarroouth.	Island Tug Co., Charlotte-town, P.E.I.	Struits B. C. M. T. and T, Co., Vancouver, B.C.	Dollar Stea Victoria,	Ino. Harri Owen Sou	J. M. Syer, J	Chatham S.S. Co., Quebec, P.Q.	A. P. Allison Green Poir	Deais Sweet, Ont.	Railways and Ottawa.
Route	Lakes and rivers.	Serow Lakes and rivers	20-4 St. John river and tribu- Jos. Williams, St. John, 20-4 N.B.	Consting	Coasting, P.E.I	Vancouver and Straits of Georgia.	Vaacouver and foreign Dollar Steamship Lines Ltd. Victoria, B.C.	Lakes and rivers Jno. Harrison an Owen Sound, Ont.	Rattlesnake harbourand J. M. Syer, Midland, Ont. Fitz William Island.	Screw Lukes and rivers	Vancouver and Straits of A. P. Allison, & T. L. McKee Georgia.  Green Points Rapids, B.C.	Penetang & Parry Sound Deais inside channel only. Ont.	Trent canal Railways and Canals Dept., Ottawa.
Propulsion— N. H.P. Propulsion— N. en H.P.	Serew	Serw 363.5	Screw 20-4	Screw 16.7	Тwin астеw	Serew 39.1	Scrow	Screw 46-4	Serew. 2.1	Serew. 99.1	Serew. 8.2	Serew 2.13	Screw 1 2
Cartificate issued - Expires. Certificat: Délivrance-Expiration.	12-5-16	9-6-16 21-4-17	2-6-16	14-5-16	11-7-16	20-10-16	5 8 2 4 2 5 4	3-10-15	Not issued	30-8-16	31-3-17	Not issued	20-8-16 10-7-17
Inspectors' Initials. Initiales des inspecteurs	M. B. S.	P. D. E. W. McK. W. E.	C. E. D. I. J. O.	C. E. D.	C. E. D.	H. G. R.	A E.H	E. W. MeK.	G. M. A.	J. A. S P. D.	II. G. R.	G. M. A.	T. P. T.
Port and Dato of Inspection. Ports et dates d'inspection.	Hamilton, Ont 7-4 16. Pt Colborne, Ont. 5-5-16.	Cabi in Special (Cube of P.Q. Collingwood, Out 12-4-16 Samia, Out 21-4-16 Samia, Out 21-4-16	St. John, N. B	Preight and St. John, N B 13-16	Charlottetown 5-7-16	Vancouver, B C	Vancouver, B.C., 4-5-16	Owen Sound . 2-10-16	:	Quebeo, P Q	Vancouver, B.C.	Moon Falls, Ont	Fencion Falls 23-5-16
Trude - No of Pass.  Service - Noodbre de pass.	Freight	Passe	Pass	Freight and Pass.	Freight Pass	Tug.	Freight.	Pass Tug	Tug .	Freight	Tug	Tug	Tuz
Where and When Burt - Material. Annex et hea de construction— Nature de la ceque.	1912 Steel Port Arthur, Ont.	1909 Steed Collegeweel, Ont.	1893 Wood Hampstend, N.B.	1901 Word Shelburne, N.S.	1908 Wood Shelburne, N.S.	1908 Wood Vancouver, B.C.	2,823 Dumbarton, G B.	Owen Sound, Ont.	Midlad, Oat.	Clevelan I, Ohio	Lor Wool .	Foot Wood	1909 Wood Peterboro, Ont.
Tea-	1455	52.65 3295	233	100	355	233	4,37	152	91-	11.5 \$10	11	Le els	23
Name of Vessel - Official NoPort of Registry. Noms des navites Nunéme officialsPorts d'onregistroment	Hamiltonian 131: 2 Fort Arthur, Ont 1567 Port Arthur, Ont	Hamonie 12553 Collingwood, Ont	Hampaten I John, N B.	Harbager 107548 Varmouth, N S.	Harlan I Armouth, N.S.	Haro 130304 Vancouver, B.C.	Parold Dollar 129531 Arctoria, B.C.	Harrison 126053 Owen Sound, Ont	Harry A. 134265 Midland, Ont.	Hary E Packer 116v15 Cobourg, Ont	Harry S. Vancouver, B.C.	Harvey 116454 Wallaceburg, Ont	Harwood 130372 Peterboro, Out

SE.	SSIO	NAL	PAP	ER N	o. 23													
Wm. Barry, Port Stunley, Oat.	W. T. Wiadsor, Calendar, Ont.	loreign Dollar Steamship Co., Victoria, B.C.	H. McIanis, Halilax, N.S.	Montreal, Valleyfield and St. Lawrence Nav. Co., Lachine, P.Q.	Mentreal Sand and Gravel Co., Montreal.	The Small & Bucklin Lumber Co., Ltd., New	and Dept. Public Works, Ottawa.	Mrs. S. Wilcock, Benumaris, Ont.	P. Glasier & Sons, Linceln, N.B.	Collins Inlet Lumber Co., Toronte,	Prince Constwise S.S. & Barge Co., Ltd., Vancouver, B.C.	Adolf Lomer, Mentreal, P.Q.	N. S. Cornell, Port Stanloy, Ont.	Tyndull & Tucknberry, Liens Houd, Ont.	John Walker, Beaumaris, Ont.	C. Mickle, Gravenhurst, Ont.	Canadian Sand and Gravel Co., Montreal.	Forest Mills Co., Revelstoke, B.C.
Lake Erie	Lake Nipissing	Vancouver and loreign ports.	Consting Mountain, N.S.	Montreal and Valley field Montreal, and Corawall, St. Law Inchine	Rivers and canals	Points on Secholt Inlot.	St. John harbour and consting.	Muskoka lakes	St. John river.	North channel and Georgian bay.	Vancouver and Rupert.	Montreal and Lake Erie.	Lako Erie	Owen Sound and Tober- mory.	Muskokn lakes	Hollow Lake	Rivers and capals	Kootenny Lako
Screw 10 6	Screw 3.1	Scrow 243.8	Serew 210	Screw. 7.5	Screw 12-3	Screw 3	Screw 83.9	Screw. 4.93	Screw6	Serew 17.3	Twin screw	Screw 95.2	Screw 9.4	Screw	Scrow 3.5	Screw 6	Screw	Serew 16.7
18-10-16	1-9-16 5-6-17	15-8-16 12-8-17	15-4-16 15-4-17	13-5-16 12-5-17	Not issued.	18-4-16	Not issued.	9-9-16 15-8-17	14-7-16	18-9-16	7-8-16 $31-7-17$	3-5-16	13-10-16 $18-9-17$	27-7-17 18-10-17	3-5-16	Notissuod.	22-5-16 18-5-17	26-5-16 9-5-17
J. B. S.	J. T. G. M. R. D.	H.G.R	N. A. C.	J. T. G. P. D.	J. E. L.	A.E.H.	C. E. D.	G. M. A.	C. E. D.	E. W. McK. S. D. A.	A. E. H.	J.E. L P.D.	J. B. S.	E. W. McK.	G. M. A.	G. M. A.	J. F. L.	W. J. C.
Fishing boat   Port Stanley, Ont		Vnncouver, B.C	Halifax, N.S	Montreal, P.Q	Montreul, P.Q	Vancouver, В.С	St. John, N.B	Beaumaris, Ont.	Fredericton, N.B.	Collingwood, Ont. 12-8-16 Little Current, Ont		Montreal, P.Q	Port Burwell, Ont	Owen Sound, Ont	Boaumaris, Ont	Hollow Lake, Ont	Montreal, P.Q	Nelson, B.C
Fishingboat	Pass, and Freight,	Freight	Freight	Freight	Tug	Pass	Tug	Yacht	Tug	TugPuss.	Freight and	÷.	Fish tug	PassTug 5	Yacht	Tug	Tug	Tug
29 Collingwood, Ont.	1904 Wood North Bay, Ont.	2,804 Port Glasgow, G.B	1898 Steel. Sunderland, G.B.	Ottawa, Ont.	Montreal, P.Q. 1898 Wood Sorel, P.Q.	25 1915 Wood 17 Pitt River.	299 1907 Steel 204 Collingwood, Ont.	1905 WoodKingston, Ont.	1903 WoodSt. Joha, N.B.	1899 Composite Cellins Inlet, Ont.	1874 IrenUnknown.	1881 Weed 1906 Detroit, Mich	20 Port Stanloy, Ont.	Wood	15 1901 Wood 10 Racine, Wis.	27 Hollow Lake, Ont.	25 Sorel, P.Q.	65 1898 Wood
	40	4,304	2345	352	21		209	10	27 %	58.6	762 518	1,190	88	186 156	15	44	44.62 70.00	44
Hattie Berry. 121955 Port Stanley.	Hazel B. Ottawa, Ont.	Hazel Dollar 121212 Victoria, B.C.	Heathcote 129040 Sydney, N.S.	Hebren 107613 Montrenl, P.Q.	Hector 103962 Montreal.	Helac 134577 New Westminster.	Helena. 133758 St. John, N.B.	Helena. (Cancelled.)	Helen Glasier 112228 St. John, N.B.	Helen S. 107695 Terente, Ont.	Henriette 112254 Vancouver, B.C.	Henry B. 11all	Henry F. Jelly	Henry Pedwell	Hepburn	Herbert, M. 126261 Toronto, Ont.	Hercule	Hercules. 107105 Victorin, B.C.

Table I - Continued. Tableau I - Suite.

												9.05	ORG	E V	Λ.	1010
	Name and Address of Owners. Noms of adresses des propriétaires.	Upper Ottawa Improvement Co., Ottawa, Ont.	Dept. Public Works, Ottawn, Ont.	W. Martin, Fort Francis, Ont.	D. D. Glasier and Son, St. John, N.B.	Vancouver and Victoria. Corporation of City of New Westminster, B.C.	Amherstburg and Port Samia Tug and Transit Co., Iluron.	Royal Canadian Yncht Club, Toronto, Out.	T. R. Powell, Pictou, N.S.	T. B. and A. Croucher Port, Carling, Ont.	Beazley Bros., Halifar, N.S.	Straits Champion and White, Van. Scouver, B.C.	McKinley, Hants-	Alex. Gordon, North Syd-	Charlot	Barrington Pass, and Cape 6 Is, S. P. Co.
	Route.	Upper Ottawa river	Great Lakes	Rainy river	St. John river	Vancouver and Victoria.	Amherstburg and Port Huron.	Toronto hay	Pietou and Pietou Land- ing.	Muskoka lakes	Halifax harbour	Vancouver and Straits of Georgia.	Avon river and Minas W. II. Basin.	Sydney harbour	Charlottetown to Rocky Provincial Govt., Point,	Barrington Passage and Barrington Pass. Cape, Island.
	Propulsion—N.H.P. Propulsion—N. en H.P.	Paddle.	Screw	Screw 3.3	Paddle	Screw	Serew	Serew	Serew 8-2	Serew.	Twin acrew	Serew 8.2	Serew	Screw 8.2	Paddla	Screw_2
	Certificate: Lisued— Expires. Certificat: Déhyragee- Expirution.	Not issued	Not issued	30-6-16	15-4-16	18-12-16	12-9-16	15-5-16	15-5-16 5-5-17	Notissued.	15-8-16	31-8-16 17-8-17	21-6-16 22-6-17	22-5-16 9-8-16	19-7-16	117-7-16 17-7-1-16 17-7-1-17-17
	Inspectors' Initials. Initiales des inspecteurs	J. E. L.	E. W. MeK.	W. J. V.	C. E. D.	В. М.	1. D.	G A.	N. A. C.	A. McD.	N. A. C.	A. E. II.	A. A. C.	D. J. M.	C. E. D.	N. A. C.
	Port and Date of Inspection. Ports et dates d'inspection.	Pembroke 21-5-16	Sault Sto. Marrie, Ont	Fort Frances, Out	St. John, N.B.	Victoria, 13.C	Port Huron, Mich 12-9-16 Sarnia, Ont.	Toronto, Out	Pictou, N.S	Port Carling, Out	Dartmouth, N.S	Vancouver, B.C.,	Freight tug Hantsport, N.S.	North Sydney, N.S. 9-5-16	Charlottetown, P.E.I.	Barrington Passage, N.S. 7-7-16 8 7-16
1	Trade—No of Pass.	Warp Tug	Tug	Tug.	Tug	Tug	Раме	Yacht	Pass Ferry.	Tug	Tug	Tag	Freight tug.	Tug.	Ferry Pass	Раме. 35
	Mere and When RuitMaterial. Ton-Anne tieu de construction- Nature de la coque.	13 Pembroke, Ont.		17 1903 Wood 11 Duluth, Minn	128 1839 Word 81 St. John, N. B.	21 Ballard, Wash	d. uilt	46 1895 Steel 31 Foronto, Ont.	34 Picton, N.S.	27 1905 Wood 18 Port Carling, Ont.	50 Dartmouth, N.S.	Shelburne, N.S. 22 Vancouver, B.C.	31 1913 Wood	38 1908 Wood 26 Tancook, N.S.	229 1894 Wood. 56 Mt. Stewart, P.E.1.	13 Port Clyde, N.S.
	Name of Veceol—culicual No. Port of Registry. Soms des navires Numéros oblicuda - Ports d'enregistroment.	Hercules 11144 Ottawa, Ont	Hercules 192217 Toronto, Ont	Herman Witt Not registered	Hero 94751 St. John, N.B.	Hem No 1 132851 New Westminster.	Hawatha 729×2 Sarnia, Ont	Hawatha 1907& Toronto, Ont.	Hawatha 103501 Pictou, N.S.	Hawratha 1217'st Toronto, Ont.	Highland Mary, Sobos Halifax, N.S.	Hilda. H5783 Vancouver, B.C.	Hilma. 130252 Windsor, N.S.	Hilford 122426 Halifar, N.S.	Hillsborough 97079 Charlottetown.	Hippolyta I. 126810 Yarmouth, N.S.

C	AMO	PAP	ED Na	22

SESSI	ONAL PA	PER No	. 23										
C. J. O'Haaley, Yarmouth, N.S. Upper Ottawa Improvement Co., Ottawa.	Foreign going	Canadian Stoamship Ltd., Montrfell,	Peninsula Tux and Towing Co., Wintron, Ont. Kildala Packing Co., Van- couver, B.C.	J. A. Snyward, Victoria, B.C.	John S. Thom, Quebec, P.Q. C. F. Todd, Victoria, B.C.	South G. F. Hopkins et al, Van-	Wm. Marlton, Goderich, Ont.	Can. Pacific Ry., Montreal,	Sin-MeNanghton Line, Montreel, P.Q.	H. Cann and Sons, Yar-mouth, N.S.	Geo. Stalker, Collingwood, Ont.	G. T. Railway, Montreal.	Northern Nav. Co., Colling- wood, Ont.
Yarmouth barbour Chats lake	Foreign goingSydney and Pt. au Bas-	Toronto to Lake Eric Ports,	Georgian bay and Lake Peninsula Thy and Huron. Co., Winrton, Ont. Rivers Intet, B.C. Kildala Packing Co.	Consting	Quebec harbour	Vancouver and South Vancouver 1sd.	Goderich and vicinity	Kootenay Lake	Montreal and Quebee	Cousting	Georgian bay	Windsor and Detroit	Lakes, etc
Screw_2 Screw_37.5	Screw Screw 90	Serew	Screw 73·5 Serew 9·1	Scrow	Scrow.	Sorew	Serew 24	Serew 36	Paddle	Screw24	Screw	Twin serew	Screw345
8-7-16 8-7-17 30-5-16 19-5-17	11-9-16		18-8-16 18-8-17 16-6-16 8-6-17		Not issued 16-6-16 7-6-17	28-3-17 2-3-18	Notissued	29-5-16 10-5-17	12-9-16 17-6-16	9-7-16	Not issued.	13-10-16	1-6-16 8-4-17
N. A. C. A. McD. J. E. L.	N.A.C. A. MøD. A. MeD.	G. M. A.	J. B. S. S. D. A. A. E. H.	W.J.C	J.A.S	A. E. H.	J. D.	W. J. C. W. J. C.	F. X. H.	N. A. C.	E. W. MeK.	J. D.	W. E.
Pass Ferry, Yarmouth, N.S 100 S-7-16 Tug Armprior, Ont	Halifax, N.S	Toronto, Ont	Sarnia, Ont	Victoria, B.C. 30-1-17	Quebec, P.Q. 18-5-16 Rivers Inlet. 8-6-16	Vanconver 12-3-17	Goderich, Ont 29-9-16	Nelson, B.C	Sorel, P.Q	Yarmouth, N.S 9-7-16	Collingwood, Ont		Sarnia, Out
Pass Ferry. Tug	Freight	Tug.	Freight	Tug	Tug	Тик	Tug	Тик Разв.	Tug	Freight	Fishing tug	Car Ferry	Разя. 365 91 575 Ръ
14 1915 Wood 12 Comeauville, N.S. 203 1910 Steel 118 Sand Point, Ont.	4, 681 1912 Steel. 2,601 Middlesboro, G.B. 439 1900 Steel. 200 Glasgow, G.B.	1890 Wood 45 Thorold, Ont 1914 Rebuilt, Fort William, Ont.	304 Cleveland, Ohio. 1901 Rebuilt. West Buy City, M. 36 IS97 Wood. 25 New Westminster	78 1882 Wood 45 Seattle, U.S.A. 1906-16, Victoria,	22 Wood 10 1913 Rebuilt. 26 1902 Wood. 18 Richardson, U.S. A.	62 1910 Wood. 42 Vanconver, B.C.	66 1906 Wood 45 Goderich, Out.	154 1909 Wood. 105 Nelson, B.C.	158 1891 Composite 80 Sarel, P.Q.	71 1908 Wood. 20 Shelburne, N.S	29 Cellingwood, Ont	1,052 1875 Iron	3,329 1902 Steel. 2,211 Collingwood, Out.
Hippathta II. 134165 Yarmouth, N.S. Hiram Robinson.	Hocheliga   4.6   132818 West Hartlepool   2.6   Home   113024 St. Johns, Niftd   2.6   113024 St. Johns, Niftd   2.7   1130	:	Homer Warren, 130222 Owen Sound, Ont. 3 Hong Kong, 103807 New Westminster.	Hope 85368 Victoria, B.C.	Hope 103144 Quebec, P.Q. Hope 117007 Victoria, B.C.	Hopkins 130294 Vanconver, B.C.	Horton 116369 Goderich, Ont.	Hosmer. 126551 Vancouver, B.C. 1	Hadsen. 100181 Montreal, P.Q.	Hugh D	Hugh Stalker. 122558 Collingwood, Ont	Huron 1,0, 71216 Saraia, Out 6	Huronic. 3,3. 107168 Collingwood, Out 2,2.
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TABLE 1 Continued.—TABLEAU 1—State.

				, 7 GEO	RGE V, A. 1917
Name and Address of Owners. Norms et adresses des propriétuares.	Sydney and N. Sydney Cape Breton Electric Co., Sydney, N.S.  Muskoka lukes Geo. V. Forman, Buffalo, N.Y. Dept. Maximo and Fishertes, Ottawa.	River Sund Co., 14d, Montread, P.Q. North West Nav. Co., Min- nipez, Man. The River Sand Co., Mont- real, P. Q.	Vancouver and points on C. A. Thompson, Vancouver Strates of Georgia.  Lakus and rivers	C., and Imperial Oil Co., Sarnas, Ont.  R. R. Lazaro, Bracebrie, gd Ont.  oil Med. Galna and Danta, Parry Sound, Ont.	Duluth and Father Pt. Montreal Trans Co., Montreal, P.Q. Gt. Lakes and Sydney., Lake and River Trans. Co., Montreal, P.Q. Port Huron and Sarnia. J. II. Walker, Walkerville,
Route,	Sydney and N. Sydney Muskoka lakes St. Jawrence river.	Montreal and Ottawa River Sand Co, river.  Lako Winnipog North West Nav. Conjuga, Man.  Ottawa river	Vanceurver and points on Straits of Georgia. Lakes and rivers	Vanceuver, B. C., and Imperiul Oil Co., 3 foreign ports.  Muskoka lakes.  R. R. Lazaro, Bracel Ont.  Parry Sound and Mid-Solina and Danta, land.	Duluth and Father Pt. Gt. Lakes and Sydney Port Huron and Sarnia.
Propulsion N.H.P. Propulsion -	Serow 30 Serow 5 Nerow 5	4	Serow 12.9 Serew 99.6 Paddle 38.5	Screw 2.6 Screw 6.6	Scrow. Scrow. Twin scrow.
Certificate: Issued— Expires. Certificat: Délivence:	22-5 16 9-5 17 11 9 16 17 8 17 Not issued.	26-5-16 1-7-16 27-5-17 Not issued	18-1-16 12-1-17 26-4-16 30-3-17 15-6-16 23-5-17	13-1-17 10-1-18 Not issued.	21 4 16 21-1-17 8-5-16 22-4-17 19-10-16 16-10-17
Inspectors' Instintes Inspectors Inspectors	D.J.M. A.MeD G.M.A. E.X. II	LTG P.D. G.P.P.	N E E II N E II N E E E E N E E E D II	П G В В С В В С В В В В В В В В В В В В В	T. P. T. W. R. D. W. E.
Port and Duto of Inspection. Ports et dates d'inspection.	Sydney, N.S. 16 9-51 16 9-51 16 16 17 Nort Carling Out, 17 8-16 Sorel, P.Q. 12 + 16			North Vancouver, B.C. 13-1-17 13-1-17 Brucebridge, Dut 20-6-16 Parry Sound, Ont	Kingston, Ont
Frade No of Piese. Service Nombre de pase.	Pass berry 125 Vacht Tüg	Freight Fishing tug Tug & Sind Pump	Tug. Freight. Pass	Frught Frught supply bont Tug	Freight.
Where and When Built—Material. Vance of heat decementmenton— sature de la company	As I was Wood  There is Prof.  Fort West  String-for, Out  12, 1896 Steel  3 Sored, P.O.	135 Oskovit, West 135 Oskovit, West 15 Selkark, Wan 1733 Rebuilt Selkark, Man 1944 Westl 1944 Westl 1944 Westl 1944 Westl	36 1908 Mond 34 New Westsminster. 796 1808 Steel 412 Wellington-on-Tyne 1 009 1906 Steel. 578 Seriel, P.Q.	2.231 [1913 State] 1.34 Grangemount, G.B. 14. 194 Composite 10 Tornito, Out. 27. 1944 West 11 Parry Sound, Out.	1890 Wood Sarden Bland 1891 Steel Tevelinal, Ohio 1971 Rebuilt 1872 Iron. Ft Eric, Out
Pin Pin	Ne the Hill	28 28 42 42	75 12 15 15 15 15 15 15 15 15 15 15 15 15 15	22 23 24	\$ 15 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.
No. Port of Rear of No. 1 No. 1 Lawrence Part of Street	Pod to Sy In y, N Sy In the International Production on Contractional Production of the International Productional Production of the International Productional P	1 5 1 1262-2 Worderd, P.Q. 1404 Minniew, Man 12 c. Ottawa, Out	Light Ambarder, B.C. Liperal Sample of Liperal Logical Sample of Liperal Liper	Leid o Sema, Ont. Ind. IIII. Toronto, Ont. Ind. IIII. Parry Sount, Ont.	In the 1977-55 Montreal, P Q Inland [18840] Sarais, Out International 19889 Sarais, Out

SE	SSIO	NAL PAP	ER I	No. 2	3													7
W. J. Banting, Edgowood,	Maritime Fish Co., Canso, N.S.	Imperial Oil Co., Toronto Ont. Imperial Oil Co., Samia, Ont.	H. McInaes, Mealord, Ont.	Muskoka lakes, Ont Jno. Stevanson Jr., Shawn.	Father Point & Duluth, Northern Nav. Co., Colling-	wood, Ont. Jas. Robinson, Derby, N.B.	Gibbons Lumber Co., Pingston Creek, B.C.	Sapperton and points on Brunctte Saw Mill Co., Ltd., Praser river,	Point au Baril and vici. Frances W. Merchant, Tonity.	St. Lawrence and Chicago Steam Nav. Co., Toronto,	Lake of Bays and G. S. Nav. Co., Huntsville,	and Puget Sound Nav. Co., Scattle, U.S.A.	Avery and Holmes, New Westminster, B.C.	Standard Lumber Co., Win- nipeg, Man.	Cape Vincent & Massena Holmes Bros., Redwood, N.Y.	Muskoka Lakes Nav. Co., and Hotel Co., Toronto, Ont.	Islander Tug Co., Charlotte- town, P.E.L.	II. Manning, Parrshoro, N.S.
Arrow lakes	Consting.	Great Lakes,	Georgian bay	Muskoka lakes, Ont	Father Point & Duluth.	Miramichi river	Arrow lake	Sapperton and points on Fraser river.	Point au Baril and vieinity.	Lakes and rivers	Lake of Bays	Victoria, Seattle and U.S. Ports.	Fraser river	Lake Winnipegosis	Cape Vincent & Massena	Muskoku lakes	Coasting, P.E.L.,	Minus Busin ports
Screw 1.6	Scrow	Screw	Screw 9.6	Screw	Twin screw.	Screw 6	Screw	Screw	Serew 4.16	Screw 107	Scrow 28-1	Screw 160.6	Screw5.6	Screw	Screw 25.6	Scrow	Scrøw. 16.7	Screw 1.6
29-5-16 18-5-17	$\begin{array}{c} 2-9-16 \\ 2-9-17 \end{array}$	13-9-16 13-9-17 26-4-16 30-3-17	30-8-16 30-8-17	Not issued	21-4-16 3-4-17	27-10-16 27-10-17	26-5-16 7-5-17	15-2-17 10-2-18	2-8-16 24-7-17	28-4-16 18-4-17	Not issued	$\frac{10-4-16}{2-2-17}$	26-9-16 12-9-17		13-7-16	5-8-16 25-4-17	28-7-16 6-7-17	24-4-16 18-4-17
w. j. c.	N. A. C.	E. W. McK S. D. A.	W. E. E. W. McK.	G. M. A.	W. J. V.	C. E. D.	w J C	A.E.H.	G M.A	G. M. A.	S. D. A. G. M. A.	W J. C.	А. Е. Н.	G. P. P.	T. P. T.	м. м. р. G. м. А. <sup></sup>	S. D. A. C. E. D.	N. A. C.
Edgewood, B.C	Fishing tug. Dartmouth, N. S	at.	Meaford, Ont	Beaumaris, Ont	Port Arthur, Ont		Arrowhead, B.C.	Supperton, B.C	Point au Baril, Ont	Midland, Ont	it	Victoria, B.C	New Westminster	Wianipegosis, Man	Ogdensburg, N.Y.	43	26-5-16 Charlottetown 6-7-16	Parrshoro, N.S.
Tug	Fishing tug.	Freight	Fishing boat.	Yacht	Freight	Tug	Tug	Tug	Yacht	Pass. Freight.	Pass	Freight Pass.	Tug	Tug	Pass	Pass. 62	Тид	Tug
19 1915 Wood. 13 Edgewood, B.C.	67 1895 Wood. 46 West Mystie, U.S.	2, 060 1,549 Collingwood, Ont. 1,669 1912, Steel. 1,033 Dundee, Scot.	29 Meaford, Ont.	21 1906 Wood	1,708 1872 Iron 1,030 Buffalo, N.Y.	10 1897 Wood 7 Pt. Hawkesbury.	29 Nakusp, B.C	38 1899 Wood 24 New Westminster,	16 1903 Wood	2,359 1902 Steel	307 1907 Composite	1,170 1901 Steel	14 1904 Wood 9 Port Guichon, B.C.	41 1903 Wood	89 1879 Wood	165 1900 Wood 78 Gravenhurst, Ont.	54 1906 Wood 37 Shedburne, N.S.	16 Yarmouth, N.S.
Inonoaklin 134634 Victoria, B.C.	Inverness. 11alifax, N.S.	locolite. 21 134514 Surnia, Ont. locoma. 132745 Saraia, Ont.	Iona, 112338 Collingwood, Ont.	Iona (Cancelled).	Ionic. 116954 Sarnia, Ont.	Irene 103932 Chatham, N.B.	Irene 116401 Victoria, B.C.	Iris 107640 New Westminster.	Iris 112200 Hamilton, Ont.	Iroquois. IIIS55 Toronto, Ont.	Iroquois 116850 Owen Sound, Ont	Iroquois 100730 Port Townsend	lsaac 117002 New Westminstor.	Isabel 112304 Winnipeg, Man.	[sland Belle Alexandria Bay.	fslander 111567 Toronto, Ont.	Islander 122110 Charlottetown.	Island Cem. 85547 Yarmouth, N.S.

TABLE I-Continued. TABLEAU I-Suite.

										8	GEO	ORGE	V,	A. 1918
Name and Address of Owners. Noms et adresses des propriétaires.	Terento Ferry Co , Terento, Ont. P. P. Young, Youngs Pt.	Ont. G. Fraser, Ne	Kingeona Nav. Co., Van- couver, B.C.	D. G. Stewart, Burlington, Ont.	B. W. Chark, Sturgeon Falls, Opt.	China Mutual Steam Nav. Co., Liverpool, G.B.	Algoma Central S.S. Lines, Sault Ste. Marie, Ont.	Gypsum Packing Co., Windsor, N.S.	Canada Shipping Co., Montreal, P.Q.	Dept. Railways and Cunals, Ottawa.	John Curr Bruce, New West- minster, B.C.	Georgian Bay Lumber Co., Waubaushene, Ont.	Canadian Stewart Co., Ltd., Toronto, Ont.	W. B. Sbowball, Chatham, N.B.
Route,	Toronto bay.	Pictou and New Glus- gow.	Vancouver and Ring come Island.	Burlington bay, Ont	Lake Nipissing.	Foreign-going.	Lakes and rivers	Windsor and coustwise .	Lakes and rivers .	Trent canal	Fraser River	Waubaushene harbour and vicinity.	Toronto harbour	Miramichi river
Propulsion— N.H.P. Propulsion— N. en H.P.	Serew 16.6 Serew	3-3 Twin serew 2-4	Screw 39-1	Serew	Screw. 2-1	Tw. serew 202	Screw 147.5	Screw	Serew	Serew	Serew.	Screw	Screw 36	Screw
Certificate Issued Expires, Certificat: Délivement		14-8-16 10-7-17 16-5-16		Not issued		Not issued	20-4-16		26-4-16 21-4-17	27-7-16 10-7-17	31-5-16	14-10-16	5-4-16	25-7-16
Inspectors' Initials. Initiales des	W.E. S.	W. E. T.	A R. H.	J. B. S.	J. T. G.	11 G 18	200 200 200 200 200 200 200 200 200 200	N. A. C.	1 D	T. P. T.	II G'R	G. M. A.	J. U	C.E.D.
Fort and Date of Inspection. Forts of dates d'inspection.	Foranto, Ont 5-5-16 12-5-10 Lakefield, Ont		Vancouver, B.C	Hamilton, Ont	Sturgeon Falls 5-6-16	Seattle, L.S.A 2 12-16	Midland, Ont	Hantsport, N.S.	Sarnin, Out 12 4-16		New Westminster, B.C 26-5-16	Waubaushene, Ont		Chatham, N.B
Trade—No of Pass. Nervice— Nombre do pass.	Forry prass 341	213 Pass 35	Tug	Tug .	Tug.	Freight Pass.	Freight.	Tug	Freight.	Tug	Pags. 15	Tug.	Plase.	Tug
Where and when Butte Material.  o. Vindo et lieu de construction – Naturo de la coque.		37 Youngs Pt., Obt. 24 1906 Wood 20 Port Hawkesbury.	1xl 1908 Wood 12: Vancouver, B C.	66 1903 Wood 45 Grand Piles, P.Q.	20 Sturgeon Falls, Ont.	6,527 Greenock, G B.	2,155 1968 Steel,	116 1903 Wood . 9 Spencer Isd., N.S.	763 Toledo, Chio	24 1908 Word . 16 Lakefield, Opt.	17 1908 Wood	23 1915 Steel	30 Ferrysburg, Mich.	33 1910 Wood S. Douglastown, N. B.
Lon- nager						0.0								
Name of Vesser - Official No. Port of Registry. Noms des navires Numbres officiels - Perist d'enregistrement.	Edharl (2 teen 73642 Ference, Ont Educte	126722 Peterbaro, Ont. Isibel 111736 Preton, N.S.	Institution Vancouver, B C.	Ivan R. Hamilton, Ont.	Ivy Clark 126523 Ottawa, Upt	laton 135451 Liverpend	J.A. McKee, 12542 Noweistle, Eng	J.A Numford 117167 Windsor, N.S.	J B Ketchum, 2n l.	J B McColl 126721 Peterboro, Ont.	J C Bruce 120175 New Westminster	J. C. Else 13426 Midland, Ont	J. C. Stewart 137-96 Toronto, Ont.	J. C. Miller 12660 Chatham, N.B.

SESSIO	NAL	PAP	ER I	No. 2	:3													
Uno. Island Tug Co., John Island, Ont. Great Lakes Dredging Co., Port Arthur, Ont.	G. & C. Ross, Port Robinson, Ont.	Algoma Central and Hudson Bay, Railway, Sault Ste.	Marie. Dept. Publie Works, Ottawa.	St. Lawrence and Chicago Steam Nav. Co., Toronto,	Ont. Quebec Trans. Co., Quebec, P.Q.	T. W. Crocker, Newenstle,	Kill- Waldie Bros., Teronto, Ont.	Dept. Public Works, Ottawn.	Wm Paterson, Newcastle-on Tyne, Out.	Jas. Hawson, Treas. Algoma Steel Corp., Sault Ste. Marie, Ont.	Minister, Marine and Fisheries,	Reid Wrecking Co., Surnin, Ont.	W. H. Hall, Winnipeg, Man.	John O'Brien, Nelson, N.B	Roger Miller & Co., She-dian, N.B.	The Canada Steamship Lines.	Northorn Fish Co., Selkirk, Man.	Smith Fassett Co., Chariton Ont.
John Isl'd. Lit'o Current Jno. Island. Tug and Blind river. Thunder buy	Welland canal	All lakes and rivers	St. Lawrence river	All lakes and rivers	Lakes and gulf	Miramiehi river	Blind river and Kill arney.	Lake Winnipeg, Man	Lakes and rivers	Great Lakes	Consting	Surnia and vicinity	Red river	Miramichi river	Consting	Welland canal	Lake Winnipeg	Long Lake
Screw 20.9 Serew 32	Serew 10.8	Serow 169-1	Screw	Screw 217 7	Screw 34-6	Serew6	Serow.	Scrow	Screw 147-5	Screw., 111-3	Serew	Screw 17.06	Stern pdf	Serew	Screw54	Screw 24.1	Scrow	
6-9-16 6-9-17 20-5-16 2-5-17	Not issued	28-4-16 24-4-17	30-5-16	28-4-16 18-4-17	Not issued.	15-9-16 27-7-17	25-0-16 7-9-17	9-5-16 5-5-17	29-4-16 19-4-17	3-6-16	Not issued.	Not issued	17-8-16 9-6-17	28-7-16 27-7-17	2-5-16	26-7-16 26-7-17	27-5-16 23-5-17	Not issued.
E. W. McK. S. D. A. W. J. V.	J. B. S.	G. M. A. S. D. A.	1, E. L.	G.M.A.	J. A. S.	C, E. D.	E. W. McK.		8. N. F. D. A.	E.W. McK S D.A.	D.J.M.	J. D.	G. P. P.	G. E. D.	C. E. D.	F.X.H	G. P. P.	J.E.L.
Cutler, Ont 6-9-16 17-9-16 Fort William, Ont	Port Colborne, Ont	Tiffin . 18-4-16	Montreal, P.Q		Quebee, P.Q	Newcastle, N.B	Blind River, Ont	Selkirk, Man		Sult Ste. Marie	Halifax, N.S	Sarnia, Ont			:	:	Selkirk, Man	Charlton, Ont
Pass, tug	Tug	Freight	Tug	Freight pass. 10.	Tug	Fish boat	Tug	Tug	Freight	Freight	Tug	Tug	Pass	Tug	Tug & pass.	Tug	Fish tug	Tug
76 Meaford, Ont 1913 John Island. 116 1907 Wood. 79 Collingwood, Ont.	51 1910 Wood 31 Port Robinson, Ont.	3,429 1901 Stred 2,030 Lorain, Ohio.	164 1872 Iron 78 Philadelphia, U.S.	7,462 1914 Steel 5,704 Collingwood, Ont.	117 1901 Wood 80 Quebre, P.Q.	16 1908 Wood		75 1915 Wood 51 Selkirk, Man.	Tyne,	2,301 1,389 C	38 1899 Wood	83 Sarnia, Out.	179 1905 Wood 104 Winnipeg, Man.	35 1940 Wood · ·	197 1909 Steel 4 Dumburton, Scot.	58 1916 Wood31 Sorel, P.Q.	71 1909 Wood	Charlton, Ont.
J. D. Hamill	J. D. Schofield	J. Frater Taylor 130776 Sault Ste. Marie.	J. G. Whiterbre 122251 Quebec, P.Q.	J. H. G. Hagarty 134250 Toronto, Ont.	J. H. Hackett II1619 Quebee.	J. Howard 122626 Chatham, N.B.	J. H. McDonald 107170 Collingwood.	J. H. Montgomery (Winnipeg intended.)	J. H. Plummer., 114447 Neweustle, Eng.	J. 11 Wade 134616 Sault Ste. Marie. Ont.	J. L. Nelson 107333 Halifax, N.S.	J. M. Diver 116397 Sarnia, Ont.	J. M. Smith. 112309 Winnipeg, Man.	J. O. B., Clatham, N.B.	J. O. Gravel 126190 Montroal, P.Q.	J. R. Binning Montreul, P.Q.	J. R. Spear 122273 Winnipeg, Man.	J. Russoll Smith

### Table 1-Continued.-Tableau 1-Suite.

											8	GEC	ORGE	V, A	. 1918
Name and Address of Corners. None et adresses des propriétaires.	Owens Lumber Co., Ltd. Montebello, P.Q.	Superior Sand and Towing Co., Fort William, Ont	J. W. Brankley, Chatlann, N.B.	Quebec and Montangay. Price Bros., Quebec, P.Q.	Canadian Whaling Co., Seven Islands, P.Q.	Port Huron and Sarnia, Every Co., Port Huron,	Mich. Atlin Cons. Co., Victor'a, B.C.	and Jumes Holly & Sons, St. John, N.B.	Dept. Marine and Fisheries, Ottawa.	W. C. Thompson,-Port	Blind River Trans. Co., Blind River, Ont.	The Brompton Pulp & Paper Co., East Angus,	J. P. Burchill, Nelson, N.B.	C. C. Moulton, Pt. Burwell, Ont.	Jus. Pendergust Cornwall Ont.
Route,	Ottawa river	Lakes & rivers	Mirataichi river.	Quebee and Montaingay.	Consting	St. Chir rivers	Cousting	St. John harbour and river.	St. Lawrence river.	Lakes, etc	Blind river	Lake St. Francis	Miramichi river	Lake Eric	Cornwall canal
Propulsion— N.H.P. Propulsion— N. en H.P.	Serew	Serew 30.6	Serew 16-7	Serew 4.8	Serew 74.9	Serew 9.6	Seriew 58	Screw	Not issued Twin serew	Serew 65-3	Serew., 4.8	Tw serew	Serew. 8.7	Serew 8-1	
Certificate: Issued— Expires, Certificat; Délivismee	Not issued	14 6-16 14 6-17	25.7.16	Not issund.	5 12 16 25-10 17	17-6-16	24-5-16	11-7-16	Not issued	26-4-16	25-9-16 8-9-17	Not issued.	28-7-16 26-7-17	14-10-16 20-9-17	Not issued   Sereward
Inspectors' Intinis. Initiales des inspecteurs	J. E. L.	W J V.	C E D	- N N -	D J M. A. McD.	0.0	7. E. E.	C. E. D.	F. X. III.	1. D	N. E. E. W. MeK.	1.7.8	C. E. D.	J. B. S.	T. P. T.
Port and Date of Inspection.  Ports et dates d'inspection.	Wantehello, P.Q	Port Arthur, Ont. 14 6 16	Chatham, N.B.	Montinugny, P Q 26 6 16	Scal fishing Pretou, N.S.	- 5	Prince Ruport, BC.	St. John, N. B.	Sorel, P.Q. 16	Sarnin, Ont.	Blind River, Ont	lake St Francis.	Chatham, N.B.,, 26 7-16	Pt Burwell, Ont	Cornwall
Trade—No of Pass. Service Nombre de pass.	Tug.	Tug.	Tug .	Tug.	Veal fishing	Forry Pass 170	Fishing	Tug	Tug.	Freight.	Tug	Tug	Tug	Fishing boat.	Tur
Where and When Built Material. Année et lieu de censtruction Nature de la coque.	in 1913 Wasd 3. Montebello, P Q	os 1912 Nosel 64 Port Arthur, Ont.	Chatham, N B	FOI Wood St. Thomas, P.Q.	25t Arendel, Nerway.	S. 1873 World S. Aux Sable, Mich.	233 1912 Steel, 97 Boverly, Eng	21 St. John, N.B.	117 1902 Wood 66 Sorel, P.Q.	534 Issi Wood	24 Sarna, Ont.	1916 Nowl	31 19th Wood 21 Chatham, N.B.	26 1894 Wood . 18 Collingwood, Ont. 1911 Rebuilt	Port Burwell Ont, 64 1914 Wood 34 Kingston, Ont
Ton-	= 4.	Į.	9€.	55 53	33	76	200	55 53	11.7	400	200		2.2	138	3.5
Name of Assast Official Assast of Registry . Name des marites Numbers officials   Porte d'enregistroment	Karando 1 1186 Official	W. Bennett 1/1055 Fore Arthur, 13nt	J W Brankley 19427 Chatan NB	Jack 11200 Queber, P. Q.	Latera Admir. N.	James Berrd North West, Mark	James Cornethers, Eng.	James Holly H1511 St John, N B.	James How len 13992 Sord, P.Q.	James H Shrigley 134512 Sarma, Ont	James McKeswn 9844 Samia, Ont	James McCrea Not registered	Jumes Ne Isan 116941 ("hatham, N.B.	losses Play fair form flowed), 45nt	Janus Pendergast 10823 Corawall, Ont

SE	SSIC	NAL	PAPER	No. 23
-	æ.	20	4 4 6	

SESSIC	NAL	PAPE	R No	o. 23													
Reid Wreeking Co., Ltd., Sarnia, Ont. and Jas. Gregory, St. John, N.B.	Geo. Plunkett, Cobourg, Ont.	Caaadinn Towing & Wreek- ing Co., Port Arthur, Ont,	Toronto Ferry Co., Toronto, Ont.	Thiaville, and Lecoanet, Caughnawaga, P.Q.	P.Q. & La M. Cloutier, Grand Piles, P.Q.	and La-Maxione Cloutier, Grandes Piles, P.Q.	Lun-Auguste Lecompte, Sr., Montreal, P.Q.	Lawrence Beadreau, Kenora, Ont.	McKenzie & Smith, Souith's Fulls, Ont.	J. Connors, Montreal,	Marine and Fisheries Dept., Ottawa.	T. H. Low, Port Dover, Ont.	Huntsville, Lake of Bays and Lake Simoe, Nav.	Great Lakes Dredging Co , Port Arthur, Ont.	Jos. Goodwin, Toronto, Ont.	A. Desrochers, Sorel, P.Q.	Carillon and Pt. Fortune T. Martin, Carillon, P.Q.
Lakes, etc St., John harbour and river,		Lake Superior	Toronto bay	. Lachine and Caughna- waga.	Grand Piles, P.Q. & La Tuque.	Grandes Piles and La-tuque.	Vulleyfield and Lun- custer.	Lake of the Woods	Oswego and Ottawa	Montreal harbour &	St. Lawrence river	Lake Brie	Lake of Bays	Thunder Bay.	Toronto harbour	. Montrent & Soret	Carillon and Pt. Fortune
Screw 94.5 Screw 14.7	Serew8.8	Screw 66.6	Screw 18-1	Serew. 3.3	Serew. 2	Serew 4	Serew 1.6	Serew 6.8	Serew	Serew	Screw8.5	Serew 10.6	Serew	Serew 10-8	Serew 4.8	Serew 13.6	Serew. 2.1
20-4-16 20-4-17 29-11-16 23-11-17	Not issued	31-5-16 8-5-17	Not issued	3-7-16	5-9-16 7-8-17	Not issued	24-8-16 17-8-17	14-10-16 14-10-17	1-5-16	15-6-16 8-6-17	Not issued	31-7-16 22-7-17	Not issued	20-5-16 5-5-17		5-9-16 18-8-17	Not issued . Serew. 2.1
J. D.	T P.T.	W. J. V. G. P. P.	J. B. S.	1. E. L.	F. X. H.	F N H	J.T.G	G.P.P.	T. P. T. M. R. D.	F. X. H.	F. X. H.	J. 38. S.	G. M. A.	W J V	S. S. A.	F. X. H.	J. B. L. P. D.
Sarnia, Ont	North Tonawanda, Ont. 22-5-16	Port Arthur, Ont S-5-16 30-5-16	Toronto 5-5-16	Lachine, P.Q	Gran c Piles, P.Q	Grand Piles	Montreal, P.Q	Kenora, Ont	Kingston, Ont.	Sorel, P.Q	Sorel, P.Q. 13-5-16	PortDover, Ont	Lake of Bays, Ont 22-6-16	Fort William, Ont 2-5-16	Toronto, Ont	Sorel, P.Q. 18-8-16	Carillon, P.Q
TugT	Freight	Tug	Pass	Ferry	Pass. 9	Pass	Freight	Tug	Freight	ng	Tug	Fishing	Pust	Tug	Tug	Tug	Ferry.
180 Wilmington, U.S.A. 120 Wilmington, U.S.A. Rebuit 1910. 53 1911 Wood 36 St. John, N. B.	756 1SSI Wood 541 Gibraltar, Mich.	: :	Wood		23 1912 Wood 12 Three Rivers, P.Q.	Trois-Rivières, P.Q.	60 1912 Wood 24 Valleyfield, P.Q	20 1912 Wood	189 1909 Composite	48 Kingston, Ont.	Wood	- :	57 1890 Wood 39 Huntsville, Ont.	Wood o, N.Y Port Arthur,	3k 1912 Wood	37 1914 Wood	24 1885 Wood.
James Reid 116398 Sarnia, Ont. Jutoes S. Gregory. 190632 St. John, N.B.	Jas. W. Follette 116816 Cobourg, Ont.	James Whalen 121709 Port Arthur, Ont.	Jasmine 100630 Toronto, Ont.	Jeanne D'Arc	Jean Jacques 133840 Montreal.	Jean Jacques II	Joanne Alice 133105 Montreal, P.Q.	Jonnet B. Kenora, Ont	Jeska 126128 Kingston, Ont.	Jessie Bain., 107744 Kingston, Ont.	Jessie Hume 97009 St.Cathurine, Ont.	Jim and Tom. 100268 Port Dover, Ont.	Jos 115572 Toronto, Ont.	Joe Dudley 116378 Port Arthur, Ont.	Joe Goodwin 131084 Toronto, Ont.	Joffre D 133957 Sorel, P.Q.	John Montreal, P.Q.

# TABLE I Continued.—Tableau I—Suite.

				8 GEORGE	V, A. 1918
Name and Address of Owners. Nome of idresses des propriétaires.	Lorno C. Webster, Mon treal.  A Toronto Harbour Commis- sioners, Toronto.  Dept. Public Works, Vic- toria, B.C.	Annapolis and Granvillo B. Dolan, Annapolis, N.S. Forty.  Toronto bay L. Solman, Toronto, Ont. Lake Superior	Yarmouth and St. John. H. Cana & Son, Yarmouth, N.S. Iako Hurran	our Sincennes-McNnughton Line, Montreal.	Lake Erie
Route.	Ft William & Futher Pt. Lorno C. Webster, tread. Toronto harbour & Toronto Harbour Con sioners, Toronto. Fraser river at mission . Dept., Public Works, torin, B C. North channel T. C. Sime, Little Cu.	Annapolis and Granvillo. Forty.  Toronto bay	Yarmouth and St. John. H. Cann & Son, Yar N.S. Lake Harran	rbour.	Lake Brie
Propulsion – N. H. P. – Propulsion – N. en H. P.	Serow. 96 Serow. 10.2 Serow. 4	Screw. 3.3 Screw. 4 Screw. 4	Serew 34.6 Serew 13.5	Screw 10.6 Screw 54	Screw 27.3 Screw 13.5
Certificate: Issued— Expires. Certificat: Délivence- Expiration,	30-5-16 26-5-17 10-11-16 2-10-17 31-8-16 1-8-17		25 7-16 9-7-17 Not issued	Not issued 12-5-16 22-4-17	25-9-16 7-9-17 Not issued
Inspectors' Initials, Initiales des inspecteurs	T. P. T. M. R. D. G. M. A. A. E. H. A. E. H.	E. W. McK. N. A. C. A. McD. J. B. S. W. E. E. W. McK.	N. A. G. A. McD. J. D.	E. W. McK.	J. B. S. E. W. McK. T. P. T.
Port and Date of Inspection. Paris et dates d'inspection.		Nnapolis, N.S. 11-16 11-	Pase 19 7-16 27-16 5-17-16 5-17-16 5-17-16 5-17-16 5-17-16 5-17-16 5-17-17-17-17-17-17-17-17-17-17-17-17-17-		Port Stanloy, Ont. 19-9-16 Blind River, Ont., 7-9-16 Kingston, Ont.
Trude No of Pass. Service Nombre de pass	Perry 10 Page	25 173 ng tug	Passe 19 Fishing tog	Fishing tug Tug.	Fishing bont. Tug Freight.
Where and When Built - Material Fon Annes et heu ale construction Nature do lis coque.	1 717 1891 Wood 249 Green Roy, Was 26 1892 Wood 17 Sauly Step Marry 110 1811 Wood 75 Victoria, B.C. 1887 Wood 1887 W		1891 Wood ST 1893 Wood 55 Undertub, On 1990 Rebail, On 1990 Rebail,	Meaford 1910 Sorel, P	63 1911 Wood 43 Port Stanley, Out 64 1911 Steel 45 Collingwood, Out. 133 1905 Composite. 53 Knagston, Out
Name of Ver-4, official No. Port of Registry. Non's decination. No decide a Ports Jenn 11 to not.	oth Dun in 18. St. Montre A form I 18. St. Montre A formal III. St. St. Montre, that I S. Fowl I S. Fowl I S. S. Vancauver, B.C. Oth II.a. et	91.87 Kin on, thut, took Il messek liberty Americals, 8.88 John Hallan and Sidly Toronto, Out to half Nichle Goldenth, that	97037 Narmouth, N.S. Prost Narmouth, N.S. 1917 South, u-pt-in- tohn McNay, 117137 God-r. h, that	John McRey Callings, and, Ont John Pract. John Pract. J36521 Montreal, P. Q.	John R. Mesre 19023 Port Stanley, Out John R. Stover 19441 Sarnia, Out. John Randall

SES	SION	AL F	APE	R No	. 23												
M. J. Haney, Toronto, Ont.	Quebec and Levis Ferry Co., Quebec.	1. S. Thom, Quebec, P.Q.	at Prince Albert Lumber Co., Prince Albert, Alta.	Harbour Commissioners, Montrenl, P.Q.	Cunudian Tug Boat Co., Vancouver, B.C.	Wm. Anderson, Church Pt., N.B.	Lake Eric and Welland Pt. Colborne Tug Co., Port canal.	Dominion Fish Co., Win- aipeg, Man.	Messrs Quinlan and Robertson, Montreal P.Q.	Toronto Ferry Co., Toronto, Ont.	Howe Mary A. Williamson, Van- conver, B.C.	and A. Walton & Sons, Loring, Ont.	Keenan Towing Co., Ltd., Owen Sound, Ont.	Pt. Can. Pac. Railway Co., Montreal, P.Q.	Colin Fraser, Chippewynn.	Robt, Ferris, Ft. Frances, Ont.	H. Dupuis & Son, Hull, P.Q.
Soo and Quebco	Lake Erie and rivers	Quebec harbour	Saskatchewan river at boorns.	Montreal harbour	Comox harbour, Vancouver island.	Miramichi river	Lake Eric and Welland canal.	Lako Erio	Quebec Harbour	Toronto bay,	Vancouver and Howe Sound.	Kawiganog Lako and Wakimagog.	Georgian bay and lake Keenan Towing Co., Huron.	Fort William and Pt. McNicoll.	Lake Athubuska	Rainy river	Ottawa rivor
Screw 51.4	Serew	Screw., 2.7	Side Paddlo	Twin serew	Serew	Serew	Screw29	Screw 4.8	Screw	Serew	Serew 4	Serew	Screw. 37.5	Screw	Serew. 2.1	Serew	Screw4
12-6-16 2-5-17		Not issued	31-8-16	31-7-16	17 -1-17 16-1-18	28-7-16 24-7-17	7-11-16	14-10-16 19-9-17	Not issued.	14 6 16 12-5-17	19-5-16 30-9-16	Notissued	Not issued .	27-5-16 1-5-17	16-6-16	30-6-16 22-6-17	15-9-16 30-11-16
W. E.	P. D.	1. A. S.	I. T. M.	J. T. G.	A. E. H.	C. E. D.	I. B. S.	2. 20.	J. A S.	T R. S. W. E.	: ::::::::::::::::::::::::::::::::::::	G. M. A.	s. D. a. E. W. McK.	E. W. McK.	S. D. A. J. T. M.	W. J. V.	JET.
Freight   Toronto, Ont	Quebee, P.Q. 17-6-16	Quebec, P.Q. 11-5-16	Prince Albert. 30-8-16	Montreal, P.Q	Vancouver, B.C., 17-1-17	Chatham, N.B	Pt. Dalhousie, Ont	Fishing tug. Port Burwell, Ont	Quebec, P.Q., 28-6-16	Toronto, Ont 6-5-16 12-5-16	Vancouver, B.C. 19-5-16		; ;	Owen Sound and Port McNicoll, Ont.	23-5-16 Chippewyan, 15-6-16	Ft. Frances, Onf	Freight and Hull, P.Q
Freight	Car ferry Freight.	Tug	Pile driver	Tug	Tug	Tug	Tug	Fishing tug.	Tug	Pass. 200.	Pass 40	Pass	Pass	Pas. 350	Tug	Tug	Freight and sund sucker.
421 1882 Wood 212 Descronto, Ont. 1908 Rebuilt.	:		Quebec. 19 1906 Wood 12 Prince Albert.	170 1910 Steel 87 Sorel, P.Q.	31 1912 Wood 18 New Westminster.	17 1897 Wood 11 Chatham, N.B.	:	Collingwood, Ont. 28, 1887 Wood 19 Goderich, Ont.	22 Montreal, P.Q.	72 Toronto, Ont. 1902 Oakville) Rebuilt	50 1913 Wood 34 Vancouver, B.C.	85 1913 Wood 52 Loroing, Ont.	91 Midland, Ont.	3,856 1907 Steel 2,470 Govum, G.B.	14 1004 Wood	:	145 1900 Wood
John Rolpb. 88241 Toronto, Ont.	John S. Thom 126388 Quebee.	Johnnie W. 107666 Quebec, P.Q.	John Winton 122293 Prince Albert.	John Young 130521 Montreal, P.Q.	Joyful 130499 New Westminster.	Jubilee 103936 Chuthum, N.B.	Julin V. O'Brien 103580 Collingwood.	June 30674 Goderich, Oat.	Katherine K., 137969 Montred, P. Q.	Nathleen 90574 Toronto, Ont.	Kathleen III 133883 Vancouver, B C.	Kawigamog 134159 Toronto, Ont.	Neenan. 122414 Owen Sound, Ont	Keewatin 125985 Montreal, P.Q.	Keewatin. Kenora (intended.)	Keewatin, 107210 Kenora, Ont.	Kenirving 107745 Kingston, Ont.

## TABLE I-Continued.-Tableau I-Suite.

Name and Address of Owners. Noms et adresses des propriétaires.	Wessrs Price & Brow, Quebre, P.Q.	Muskoka likkes Nav. Co., and Hotel Co., Gruven- hurst, Ont.	J. S. Gregory, St. John, N.B.	Keystone Trans, Co., Mon- treal, P.Q.	Keystone Trans, Co., Mon- treal.	Swan Hunter and others, Wallsend, Eng.	Keystone Trans. Co., Mon- treal, P.Q.	Swan Hunter et al, Walbernd, Eng.	A. MacKenzie and A. Pike, Victoria, B.C.	Dean canal Kildala Packing Co., Van- I waters).	Straits of Evans Coleman & Evans, & Vancouver, B.C.	North Bay Steamship Co., To Port Hood, N.B.	Mrs. Emma J. Darling, Call. B. ender,	Rat Portuge Lumber Co., 'Kenora, Ont.'	Toronto and Prescott Richelica and Ontario Nav. 1 Co., Montreal. 88
Route.	Saguenay river.	Muskoka lakes	St. John river and lar- J	Duluth and Father Pt	Dulath and Eather Pt	Lakes and rivers	Ningston & oversess.	Doluth and Father Pt	Cousting	Head of Dean cumil (slightered waters).	Vancouver & Straits of Georgia	Malgrave & Pleasant bay.	Lake Nipissing	Lake of the Woods	Toronto and Prescott via Charlotte.
Propulsion— N.H.P. Propulsion N. en H.P.	Serew	Serew 20+9	Serew .	Serew 15-5	Seraw	Serew	Serew.	Screw	Serewa	Serewa	Screw	Screw . 28-2	Serew	Serew	Paddle 273-2
Certificate: Issued— Express. Certificat: Délivemee— Expiration.	Not issued	5-8 16 25-4 17	31-5-16	21					1211	5 6-16 31-5-17	3-3-17	27 4 16 25 4-17	30-6-16		24-6-16 30-9-16
Inspectors, Initials, Initials des inspecteurs.		G, M, A, S, D, A,	CED	T. 7. 7.	T. P. T.	1 1 1 1	= ====	T. P. T.	B M =	H G R.	11 G R.	D J. M.	LT. G.	G. P. P.	N E N
Port and Date of Inspection. Parts of dates d'inspection.	Montmagny, P.Q.	Gravenhurst, Ont. 25 4 16	24 John, N B 29 5 16	Kingston, Opt	Kingston, Ont	Kingston, Ont	Kingston, Ont.	Kingston, Ont	Varint, B C 15-11-16	Vancouver, B.C., 1-6-16	Vancouver, B.C., 2-3-17	Halifax, N.S.	Callander, One	Kenora, Ont	Toronto. 31-5-16 19-6-16
Trube-No of Pass Service - Nombre de pass.	Tug.	Passell	Tuk	Freight.	Freight.	Freight	Freight.	Freight	Fog	Tud	Tug	Pass. 30	Tug ::	Tug	12g.4%.
Where and when Built - Material. Ton Année et lieu de senstruction Nature de la coque.	27 INS Most . 14 Queber, P.Q.	225 183 Wood 124 Gracenhurst Out. 1898 Rebuilt	46 1900 Novel 31 5t John, N 13	1,739 1912 Steel 1,254 Collingweed, Ont	Land 1914 Steel., Lucket Landonderry, G. B.	1,721 Bug Steel 1 208 Newtonifeson-Tyne	1,758 1913 Steel 1,045 Mulleboro	1,725 1949 Steel 1,298 Wallsendson-Tyne	7a 1901 West	44 1916 Wand An	32 Victoria, B.C.	75 Mahone Bay, N.S.	23 1906 Ward 16 Trenton, Chit	77 19th Composite, 52 Kenora, Ont.	2,925 1901 Steel. L.909 Toronto, Ont.
Name of Versial (Official)   18 Nome des maxims na Name des maxims na Autreme officials des des des des des des des des des de	nogami ssalby Quebec, P.Q.	Loronto Ont	s st Julia, N B	Mintral	Arwierle, G. B.	News, stley, I ng	Malifeber	New rastle, Eng	Aretor a. B.C.	Vancouver, B C	Amouver, B.C.	inb rn 126.28 Lumenbarg, N S.	ing Edward Justs Believille, Ont.	ifkhalmr 116935 Kenora, Ont	Ti ronto.
lond, dented	henogemi NAM	Kon sel a	Arnton 10.773	Key bell	herner 1 's	hypert 12,459	herring	Kers went 1234%	her. s	Kalela 1 ×162	Kildonan	Kinb rn 12023	King Ulward Junts Reli	Kifkth-her Hebas	King-ton III654

SESSIO	NAL F	APE	R No	. 23							•	,		,			
A. Sewell, Gibson, N.B. Montreal Trans. Co., Mon-	Montreal, F.Q.  Taylor & Drury. White Horse, Y.T.	Canadian Pacific Railway, Montreal, P.Q.	Canadian Pacific Railway, Montreal, P.Q.	Canadian Pacific Railway, Montreal.	Royal Can. Yacht Club, Toronto, Ont.	Reid, Nfld. S.S. Co., St. John's, Nfld.	F. L. Smith, Victoria, B.C.	Sampbellton and Cross John McDonald, Campbell-Point.	. A. Durochers, Quebec, P.Q.	is M. Robidoux, Yamuska,	Stationed at Southeast Dept. of Marine, Ottawa, Shoal, Lake Pric.	Dept. Railways and Canals, Ottawa.	Dept. of Marime, Ottawn.	Mail tender at Rimouski Post Office Dept., Ottawa.	Minister of Marine and Fisheries, Ottawn.	Minister of Marine and Fisheries, Ottawa.	Hudson's Hope to Yer-Peace River Tramway and milion Chutes.  May. Co., Peace River, Alfa,
St. John river, N.B	Yukon river	Kootenay lake	. Kootenay lakes	Kootenay lake	Toronto bay	Consting	Victoria-Nanaimo	Campbellton and Cro.	Sorel harbour	Montreal & St. François river,	Stationed at Southen Shoal, Lake Eric.	Lachine cunul	St. Lawrence river	Mail tender at Rimous	All Canadian ports	Consting, N.S.	Hudson's Hope to Vernilion Chates.
Screw 6.5	Stern wheel.,	Storn wheel	Stern wheel 21.6	Stern wheel	Serew 8.16	Serew	Serew	Paddle 5.4	Scrow	Serew_20.9	Serew30	Serow	Twin serew 48.8	Twin serew 151-6	Twin serew., 246-1	Not issued. Twin screw	Tw. serew
2-6-16 2-6-17 8-7-16	20-7-16 20-7-16		26-6-16	29-5-15 12-5-17	15-5-16	22-5-16 6-5-17	13-7-16	Not issued Paddle	6 8-16	10-5-16	Not issued.	Not issued.	Not issued.	Not issued.	Not issued.	Not issued.	21-9-16
C. E. D.	A. Me. D. H. G. R.	W. J. S.	W. J. C.	w. J. C.	G. M. A	D. J. M.	B. M.	J A.S	F. X. H.	F. X. 11.	J. D.	J. T. G.	E. N. H.	7. Y. T.	T, Me, C. F, X, H	N A C	J.T.M
St. John, N.B. 2-6-16 Sydney, N.S.	3-7-16 3-7-16 White Horse, Y.T	Nelson, B.C 8-6-15	Nelson, B.C. 15-6-16	Nelson, B.C. 13-5-16	Toronto 4-5-16	North Sydney, N.S 12-5-16	Vietorin,	Campbellton, P.Q	Sorel, P.Q. 6-9-16	Sorel, P.Q. 10-5-16	Ecorse, Mich 23-3-16	Montroal, P.Q	Sorel, P.Q. 2-5-16	Quebee, P.Q	1-5-15 Sorel. 22-11-16	Halifax, N.S. 23-12-16	Peace River, Alta . 13-9-16
Tug	Freight pass. 10.	Freight puss. 200.	Freight pass. 267.	Freight pass. 270.	Yacht	Pass	Fishing tug.	Ferry	Tug	Tug	Lightship	Tug	Tug	Pass	lee-breaker. Sorel	Buoy service	Freight Pass, 10
36 1889 \( \frac{1}{2} \) Wood. 24 St. John N.B. 1901 Rebuilt. St. John, N.B. 2,112 1908 Steel.	1,398 Dumbartoa, G.B. 19 1910 Wood		1117, 1897 Wood	1,008 1906 Wood	47 1912 Steel32 Toronto, Out.	1,055 1913 Stud	9 1909 Wood 6 Victorin, B.C.	43 1900 Wood 19 Cross Point, P.Q.	23 1908 Wood 16 Sorel, P.Q.	28 Yumaska, P.Q. 1913 rebuilt Piarra	94 1895 Fron 38 Christiana, Nor.	26 1912 Wood 15 Ottawa, Out.		483 1901 Steel 39 Tranmere, G.B.	733 1905 Steel 65 Barrow-in-Purness,	1,051 1902 Steel413 Paisley, G B.	21 1916 Wood 14 Peace River, Alta.
Kingsville. 94760 St. John, N.B.	Klubane. Pictoria, B.C.	Nokanee 103305 New Westminster.	Kootenay. 103164 Vancouver, B.C.	Kuskanook 121753 Vancouver, B.C.	Kwasind 130318 Toronto, Ont.	Kylo. 133532 St. John's, Nffd.	L. C. L. V. 126510 Victoria, B.C.	L. C. McDonald P.Q. Paspebine, P.Q.	<ol> <li>Paul.</li> <li>126453 Soret, P.Q.</li> </ol>	L. Robidouv 126860 Sorol, P.Q.	La Canadiene 121459 Montreul, P.Q.	Lachine. 131125 Ottawa, Ont.	Lac St. Pierre	Lady Evelyn 109680 Quebee.	Lady Grey 122014 Ottawa.	Lady Laurier	Lady Mackworth. Winnipeg (intended).

TABLE I Continued.—Tableau I-Suite.

						8	GEORGE	V, A.	1918
Name and Address of Owners. Noms of indessees des propriétaires.	Nova Scotia SS. Co., Ltd. Halifax, N. S.	Halilux & La Have, N.S Che H. Sinchur, La Have SS Co., Halilux, N.S Georgian Bay Can. Dredging Co., 14d., Midhaul, Ont.	A Girard, St. Fulgence, P.Q. Dredging Dock Co., Toronto, Ont.	Vancouver and Indian Harbour Shipping Co., Ltd., river.  Sparrow Lake and Se-F. and A. Stanton, Sparrow ven river.	Pt. Anne Quarries Ltd., Toronto, Ont. Wichard Jos. Hogan, Port Colborne, Ont.	Ministor M and P., Ottawa	Martin, Coll er & Palmater, Pieton, Ont. M. Renaud, Megantic, P.Q.	Minister M and F., Ottawn	Grand Trunk Ry. Co., Montreal, Que.
Route.	Montreal and Guff	Halifax & La Have, N.S Georgian Bay	Chicoutini and St. Ful. A. Girard, Renco.  Trent Canal	Vancouver and Indian river. Sparrow Lake and Seven river.	Lakes Ontario and Erio. Pt. Anne Qur Toronto, Ont. Lake Erio Purts Michael Jos. 1 Colborne, Ont	Rivers and lakes	Picton and Napaneo	St. Lawrence river	Paddle Windsor and Detroit Grand Trunk 166 Montreal, Que.
Propulsion— N.II.P. Propulsion— N. en H.P.	Scrow Scrow 16	Screw 24 Screw 24-8	Serew Serew Serew Serew Serew	Screw 2.5 Screw 5.8	Screw 51.8 Screw	.:	Serow. 3-3	Screw	Paddle
Certificate: Issued— Expires. Certificat: Délivrance Expiration.	5-7-16 4-7-17 Not issued.	30 6-16 27-6-17 Not issued	Not issued. 21–10–16 4-7-16	15-f-16 8 4-17 9-8 16 4-8-17	25-8-16 25-8-17 29 4 16 24-4-17	Not issued.	10 6-16 8 6-17 Not issued.	Not issued	20-10-16
Inspectors' Initials. Initiales des inspectours	N.A.C. A McD.	N. A.C. A. MeD. G. M. A.	P. D. T. P. T.	H G K H G K	S. D. A. J. B. S. W. E. J. B. S.	G. M. A	T. P. T. M. R. D. J.A.S.	E. X. II	1. D.
Port and Date of Inspection. Ports et dates d'inspection.	Halifax, N.S. 1-7-16 1-7-16 Solkirk, Mnn. 27-5-16	Halifax, N.S. 27 6-16 28-6-18 Melland, Ont 9 5 16	Chicontimi, P.Q. 17-7-16 Bradleys Bay, Ont		Porento, Ont 22-28-16 22-8-16 25-8-16 25-8-16 21 4 16	Parry Sound, Ont.	Napanes, that 17-5-16 Picton, Ont. Megantic, P.Q.	Sorel, P.Q	Windsor, Ont 12-10-16 12-10-16
Trade No of Pass.  Service - Nombre de pass.	ी दश्य के	Tug & Pass 16 Tug	Pass 10	Passe Fig.	Freight . Tug	Tug.	Pase 10	Tag	Car ferry Pass 288
Where and When Burk Material. Année et heu de censtruction— Nature de la coque.	1,237 1877 Iron 774 Port Glasgow, G.B 201 1897 Westl 1533-Selkirk, Man	60 Westing, U.S.A., 1907 Wood, S.A., 1907 Wood, Ont.	S Chicottini, P Q 3 1901 Wood 5 Kingston, Ont	16 Vancouver, B.C. 33 Ford Wood 22 Sparrow Lake	157 Il voilton, Ont 36 Issa Wood 36 Issa Wood 220 Windsor, Ont	32 1908 Steel	57 Hammondsport, N.Y. Fruit Comwall.	30 1899 Wood 31 Sorel, P.Q	1,571 1881 Iron 907 Wyamlotte, Mich.
Ton nage.	E	18 18	erv ere	15 831	112 48	52	\$ 10	31.	1.57
Name of Vessel 4)the all Non-Port of Registry. Non-Son and myres- Numbers officials Ports denogastrement.	Lady of Gasps. 78584 Quebec, P.Q. Lady of the Lake. Man 100561 Manupex. Man	La Haye 6542 Hal av. V S Lar I MacValey III975 Southampton,	L. Journelle 1110 3 Quebov, P.Q. Lake 11628 Tennoto, Ont.	Lake Barts 1 134 M. Vancouver Lakefield 11677 Pronto, Out	Lake Michigan 8833 Hamiton, One Lakesule 9075 Windsor, Out	Lambton 12840 Ottawa, Oat	La Mouche Not registered	Lanoraie. 12685 Sord, P Q	Landsowne. SS629 Windsor, Unt.

SES	1012		PAPI	ER N	o. 23	3												
North Shore, Joba'E. Russel Toronto, Oat	St. John River Log Driving Co., Fredericton, N.B.	Fort H. Cann and Sons, Yar-mouth, N.S.	Geo. Allen, Fort Frances,	lake Superior Tug Co., Port Arthur.	W. E. Owen, Richards Ldg., Ont.	H. Sicotte, Valleyfield, P.Q.	Cannda Steamship Lines, Montreal, P.Q.	La Traverse de Lévis, Lévis,	Quebec Harbour Commissioners, Quebec, P.Q.	Minister M. and F., Ottawa.	Ministor M. and F., Ottawa.	N. B. Construction Co., Welsford, N.B.	Falls and Port-Davisand Chapmaa, Smith' Falls, Ont.	Leening Bros., Victoriu, B.C.	F. and S. Dreever, Colling- wood, Ont.	E. W. Moss, Port Maitland,	Simon Cinion, Roberval, P. Q.	Can. Govt. Railways and Canals Dept.
Lake Erie North Shore ports.	St. John river	Yarmouth and Fort	Raiay River	Inland	St. Mary's river	Montreal and Valley field H. Sicotte, P.Q.	Quebec and Harrington Canada Harbour.	Quebec and Levis	St. Lawrence river	St. Lawrence river	St. Lawrence river	St. John river	Smith Falls and Port- land.	Victoria and Prince Ru-Leeming port.	Georgian bay	Lake Erie	Lake St. John	Quebec and Levis
Screw	Twin Screw	Screw. 49.7	Screw 6	Serow	Screw 2-4	Twin screw	Screw. 64-4	Screw 7	Serew 92	Twin screw	Twia screw	Screw.	Scrow 1.4	Serew 32.5	Sегеw	Serew	Serew 3.3	Tw. screw
29-5-16	15-4-16	26-8-16 5-6-17	30-6-16 22-6-17	12-7-16 12-7-17	Not issued	31-5-16	12-4-16 1-6-16	8-4-16	Not issued	Not issued	13-4-16	15-5-16 9-4-17	Not issued Scrow	25 8-16 23-8-17	21-7-16 3-7-17	Not issued	Notissued Serew3.3.	14-9-16 13-9-17
W. E.	G. E. D.	Y Y	W. J. V.	W. J. V.	E. W. Mek.	J. E. L.	J.A.S	I. A. S.	J.A.S.	F. X. II.	F. X. H.	C. E. D.	T. P. T	B. M.	E. W. McK.	1. B. S.	J.A.S.	I.A.S.
Ont. Govt. Port Stanley, Ont.	St. Joha, N.B 15-4-16	Pt.Mulgra	Fort Frances, Ont	4 Tug Port Arthur, Ont	Sault Sto. Marie	Montreal, P.Q	Queboc. 8-4-16	18-4-16	Quebec, P.Q3-4-16	Sorel, P.Q. 20-4-17	Sorol, P.Q. 13-4-16	St. John N.B.	Smith Falls, Ont		Z5-8-16 Killaraey, Ont	Port Maitland	Roberval, P.Q	Car ferry Quebec, P.Q. 13-9-16 24-7-16
Ont, Govt. Patrol	Tug	Pass & Frt.	Tug	Pass. & Tug	Tug	Pass Freight.	Pass & Frt. Queboc.	Freight and Quebec	Tug	Tug	Tug	Tug	Pass	Freight and Victoria Pass. 20	Fishing tug	Fishing tug		Car ferry
85 1914 Steel	:	155 1888 Wood	26 1905 Wood	86 1900 Wood 58 Collingwood, Ont	13 1883 Wood 9 Buffalo, N.Y.	346 1909 Wood	355 1902 Steel	419 1910 Stool	287 1914 Steel	213 1912 Steel 82 Sorel, P.Q.	213 1911 Steel	::::	1900 St. John, IN.B 1897 Wood		36 1904 Wood. 24 Collingwood, Ont.	14 1898 Wood	11 1909 Wood 7 Roberval, P.Q.	1,365 1914 Steel 1,491 Birkenhead, Eng.
La Salle	Latona 111225 St. John, N.B.	Latour 90884 Yarmouth, N.S.	Laura A. 116989 Kenora, Ont.	Laura Grace	Laura Hickler 116247 Sault Ste, Mario.	Laurencia	Laurentian	Lauzoa 126843 Quebac.	Laval. 134499 Quebec, P.Q.	Lavaltrie (Not registered). Sorel.	Laviolette 133906 Sorel, P.Q.	Leader St. John, N.B	Lee. 100049 Brockville, Ont.	Leebro 122394 Victoria, B.C.	Leighton McCarthy	Lean. 107842 Port Rowan, Ont.	Le Minouche 126928 Quebee, P.Q.	Leonard 138088 Quebec, P.Q.

Table 1—Continued.—Tableau I—Suite.

									8 G	EOBG	SE V	, A.	1918
Name and Address of Owners. Noms et adresses des proprétuires.	La Cie Sublo L'aion Limited Quebve. Duffield Vivillancourt. Fort Coulonge, P.Q.	Three Rivers and Ste. Corporation of the Town of Angèle Vancoaver, and Straits T. J. Kiekham, Vancoaver,	Ouebec and Lévis ferry, La Traverse de Lévis, Lévis, P.Q.	Minister, Marine and Fish- eries, Ottawa	Standard Construction Co., Halifax, N.S.	Northern Light Power and Coal Co., Dawson, Y.T.	R. C. Elkin and Co., Fur- ville, N.B.	Minister M. and F., Ottawa,	and Victoria Harbour Lomber Co., Toronto, Ont.	D. D. Ghzier and Sons, Lincoln, N.B.	J. H. Bryan, Chipewyan.	A. R. Laggie, Laggieville, N.B.	Canada Fish Products Co., Vancouver, B.C.
Route.	Quebec harbour . An Cie Suble Union Liin Quebec.  Fort Coulonge and Le Duffield Waillancourt, Thus.	Three Rivers and Ste. Angele Vanceaver, and Straits	Quebec and Lévis ferry.	Montreal and Quebre.	Counting.	Yukon river	Coasting, Bay of Fundy	Pacific const	Victoria harbour and	st. John river	Lake Athabaska	Miramichi river	Fraser river
Propulsion— N.H.P. Propulsion— N. en H.P.	Stern 11-2 Stern Paridio	Serew.	Serew	Not issued. Twin serew 48	Serew	Stern wheel	Screw	Twin screw 94+5	Serew 3.3	Paddle 44-9	Screw	Serew 10.7	Screw.
Certificato: Issued— Expires. Certificat: Délivrance— Expiration.	Not issued	2-9-16 28-8-17 6-3-17		Not issued	15-11-16	Not issued	3-10-17	91-1-19	18-10-16 20-9-17	2-5-16 25-4-17	Not issued.	28-7-16 26-7-17	22-7-16 12-7-17
Inspectors' Initials. Initiales des inspectors	J.A.S.	F. N. II	II, G. R. J. A. S. P. D.	E.N.E	D. J. M.	7. A.C.	11. G. R. G. E. D.	%: T.C.	G. M. A	C. E. D.	7. T. M.	C. E. D.	3. E. II.
Port and Date of Inspection. Forts et dates d'inspection.	Tug Quebre, P.Q. 85-18 8-5-18 Ferry a Pass Ft. Coulonge, P.Q	Three Rivers, P.Q. 28-8-16 8-8-16 N. Vanesuver, R.C.	6-3-17 Passenger & Quebee, P.Q. Tenght 100	Sorel, P.Q. 3-1-16	Dartmouth, N.S.	Freight and Dawson, Y.T. Pass, 12.	3t. John, N. B. 3-10-16	Survey boat Esquimalt, B.C	Victoria, Harbour	St. John, N.B. 25-4-16	Ft. Chipewyun 16-6-16	Chatham, N.B. 26-7-16	New Westminster. 14-7-16
Trade - No or Pass. Nervice - Nombre de pass.	Tug Ferry a Pass	Phys and froight 539 Tug.	Passenger & freight 100	Tog.	Tug	Freight and Pass, 12.	Tug	Survey boat	Tug.	Tug	Paren.	. rug	Tug.
Where and when Built Material. Annes et lees de construction Nature de la conque.	1980 Wood St. Joseph de Levis. 1916. Orleans 1s. 1999. Wood.	11 FOUT COMORGE, F.G. 465 1914 Steed 242 Lévis, P.Q.	133/Vancouver, B.C. 419 1940 Steel 281/Revis. One.	IS Pure Wood	1903 Wood Pleet Hbr., N.S.	557 Ives Wood 351 Vancouver, B C.	1	575 1907 St. John, N. B. 575 1908, Steed 311 Esquinalt, B.C.	22 Ivan Wood. 15 takville, Ont. 1900 Victoria.	Harbour 1840 Word 132 Indianfown, N B.	19 1912 Penetangui- 13 shine, Ont	26 lvst Word I7 Black Brook, N B	25 Vancemiver, 18 C
nage				_	_	*0 00				., ⊶	-	200	L1 64
Na of Versel Otheral Na Fort of Rog stry. Na dos navires Numeros offerels Ports d'enrogastrement.	Lean I at Alpha Quebect	15948   Ottown	Little Combon B.C.	11 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Laborty Halfax, N -	Luc tung Dawson, Y.T.		Line t Letern, B C	Lally Percette, that	Lilly Gharer and St John, N B	Lily o the Lak	Lina 103277 Chatham, N B	Linda. Taks New Westminster

SES	SSIONAL	PAPER	R No.	23													
Coasting and foreign Dom. Coal Co., Montreal, P Q.	C. F. Grey, Lakefield, Ont. Ont.		Peter L. Calder, Fort Frances, Ont.	Rev. Bluer Harris, Toronto Ont.	Erie and River St. Law. A. Larock, Montreal, P.Q. renec.	Geo. Dansereau, Greaville, P.Q.	Montreal and Sto-Helene Canada Steamship Line, Hand. Montreal, P.Q.	Indian Harbour Shipping Co., Ltd., Vancouver, B.C.	Maritime Dredging and Cons. Co., St. John, N.B.	Maritime Dredging & Cons. Co., St. John, N.B.	Maritime Dredging and Con. Co., St. John, N.B.	Quebee Salvage and Wreek- ing Co., Quebec.	Inland waters & Coust-Maritime Dredging and ing. Cons. Co., St. John, N.B.	J. A. Gregory, St. John, N. N.B.	Minister of Public Works, Ottawa, Out,	Win, Turner, Vancouver, B. C.	and Valloy-Horace Sicotto, Valley field, P. Q.
Coasting and foreign	Trent Valley canal	Const ing.	Rainy river	Muskoka lukes	Erie and River St. Law rence.	River and Canals	Montreal and Sto-Helend Island.	Vancouver and Indian	Consting	Coasting, N.B	Halifax harbour	Montreal and gulf	Inland waters & Coasting.	St. John river and harb.	Rivers and canals	Vancouver, and Indian Win. B.	Montreal and Valley.
Screw. 264.7	Serew.	2-7 Serow 46-8	Serew	Serew 7.18	Serew 42.6	Serew 28-1	Paddle 43.2	Serew 2.6	Serew 32.6	Serew 47	Serew	Twin Screw 212.46	Serew	Serew6	Serew	Serow	Tw. screw
26-1-17		23 6-16 23-9-17		11-9-16 15-8-17	9-5-16 5-3-17	Not issaed.	17 7-16 6-5-16	26-3-17 15-3-18	29-5-15 29-5-17	7-3-16 28-2-17	27-3-17 23-3-18	11-5-16	31-5-16	3-6-16	2-6-16	28-7-16 5-7-17	31-5-16
N. A. C.	A. McD. T. P. T. W. E.	G. P. P. D. J. M.	W J.Y	G. M. A.	F. X. H.	1. B. L.	F. N. L. '	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	c. E. D	D. V. M.	D V. M.	8.	c. E. D.	C. E. D.	J. E. L.	А. В. Н.	F.D.
Hablux, N.S. 22-1-17	23-1-17 Lindsay, Ont. 22-8-16 29-7-16 Selkirk, Man	5-5-16 Halifax, N.S.	Fort Frances, Ont 24-6-16	Windermere, Ont 18-8-16	Sorel, P.Q 65-5-16	Montreal, P.Q 5-5-16	Sorel, P.Q 6-5 16 Montreal, P.Q.	Vincouver, B.C. 16-3-17	St. John, N.B 29-5-16	St. John, N.B.	Halifax, N. S	Durtmouth, N. S.	St. John, N.13.	Yarmouth, N.S	Ottuwa, 26-4-16	Vancouver, B.C. 27-7-16	Pass, freight Montreal, P.Q
Preight	Pass 200	Tug	Тик	Yacht	Freight	Tug	Ferry 800	Puss. 75	Тик	Tug	Tug	Tug Pass.		Tug	Tug	Phys. 32	Pass, freight 255
gh, C.B.	: eu		nt.	site	: :=:5				:	:	:	В.		Z.	ite	:	
1,677 util Steel., 2,603 Middlesborough, C.B.	58 1919 Wood 40 Lakefield, Out. 1916 Boboaygeon. 26 1910 Wood.	18 Selkirk, Man. 210 1909 Steel 118 Sorel P.O.	25 1900 Wood 17 Port Frances, Out	14 8900 Composite, 9 Toronto, Ont. 1902 Rebuilt.	489 INUS Wood 379 Port Huron, Mich.	28 Sorel, P.Q	365 1884 Wend, 220 Montreal, P.Q.,	40 1911 Wood 27 Vancouver, B.C.	112 1909 Steel 18 Puisley, G.B.	161 1903 Wood 110 St. John, N.B.	56 1900 Wood, 38 St. John, N B.	495 1902 Steel 76 South Shields, G. B.	73 1905 Wood, 50 Parreboro, N.S.	12 1902 Wood S Tusket Wedge, N.S.	75 1997 Composite. 31 Toronto, Ont.	20 1907 Wood 14 Vancouver, B C.	265 Valleyfield, P.Q.

8 GEORGE V, A. 1918

TABLE I-Continued.-TABLEAU I-Suite.

Name and Address of Owners. Nome et adresses des propriétaires.	Minister of Marina and Fish- ories, Ottawn,	Marsh Hutton Powers Co., Ltd., New Westminster,	J.	R. Miller, Beaumaris, Out	Les E, Cagnon, Ste. Anne.	Messrs, Davius, Lovis, P.Q.	Dominion Coal Co., Sydauy, N.S.	T. C. Simpson, Montreal	J. A. Flett, Nelson, N.B.	B. M. Pike, Labec, Me.	L. E. Dulresne and Marchildon, St. Maurice, P.Q.	F. W. Mosher, Halifax, N.S.	Corporation of the City of St. John, N.B	Toronto Ferry Co., Toronto, Ont.	Georgian Bay. & North C. S. Boora Dredg. & Cons. Channel.	Minister Marioe & Fishories, Ottawa.
Remto.	St. Lawronco river	Priser river	Parisboro, Huntsport & way-ports.	Muskoka lukes	Chicontini and Les Terres Rompues.	Saguenay river. Montreal and Longueuil	Fereign going	Inlet Cedars Rapid Power House.	Miramichi river	Passannoquoddy bay B. M. Pike, Labec, Me.	Three Rivers larbour.	Halifax harbour	St. John harbour.	Toronto bay	Georgian Bay. & North channel.	Coasting
Propulsion N. H. P. Propulsion – N. en H. P.	TwScraw	Serew. 10.7	Screw 8 2	Serow	TwSerew	Serow 58 4	Serow 175	Screw 3-3	Paddle	Scrow	Serew 3.3	Serew.	Serew 33.2	Serow 2.07	Screw. 6.5	Screw 16.1
Certificate: Issned— Expires. Certificat: Déliverance- Expiration.	15-5-16	22 1 16	18-9-16	15-8-17	30-7-16	1 5 16	21-8-17	Not issued.	15-9-16 27-7-17	22-7-16 8-6-17	12-8-16 7 8 17	3-6 16	17 11-16	Not issued.	Not issued	N. A. C. Not issued. Screw
Inspectors' Intinls. Intules des inspecteurs	ÉX.H.	A E H	D. J. M.	G. M. A	7.	7. E. D.	D. J. M.	JEL.	c. E. D.	C. E. D.	F. X. H.	D J M .	C. E. D	I. B. S.	W. E. E. W. McK.	N. A. C.
Port and Date of Inspection. Ports of dates d'unspection.	Sorel, P.Q	New Westminster, B.C.	Halifax, N.S. 18 9-16	Beanmaris, Out		Sorel, P.Q. 34-16	- T	Cedars, P Q 1 10 16	Newcastle, N.13.	Eastport Me 21-7 16	Three Rivers P.Q	Halifax, N.S.	St. John, N B	Hanlans Pt. Ont	Little Current	Lightship   Yarmouth, N.S
Trade No of Pass Service—Nombre de pass.	Tux.	Tug.	Frt & pass.	Vischt	Pass Freght	Pass Freight.	Freight	Tug	Tug	Paxe Ferry.	Tug	Tug.	Ferry	Furry 100 .	Tug	Lightship
Where and When Bult - Material. Vance et heu de censtruction - Nature de la coque	Sorel, P Q.	31 Ibi0 Wood	Post Wood Shelburne, N.S.	1906 Wood Detroit, Mich.	1911 Wood St. Anne	1914 Steed Lavie, P.Q.	Isst Iron Sunderland, G B.	Ites	1884 Wood Chathani, N. B.	1891 Wood Portland, Me.	1905 Wood Portneuf, P.Q.	Ph.	1905 Steel St. John, N.B.	Toronte	West Bay City, Mich.	
Ton.	118	31	883	512	159	23.1	11/19	11	7=	255	왕왕	13	363	38	0.10	396
Name of VesselOfficial No Port of Registry. Noms des nav ne Nun free officies - Ports d caregistrement	Lothinism 19645 Serol.	Lotte \   IIISE \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Lottie and Marguerite 126341 Barragton, N.S.	Lotus	Louis Joseph 12°931 Quebec	Louis Philipper 134491 Quebec	Louisburg 735x1 Montreal.	Lower wife 126267 Sorel, P Q	Lovahat Sask: Chatham, N B	Lubec 141142 Lubec, Ne	Lucian 121685 Quebec	Lucy Clive 110645 Ottawa, Ont	Ludiow 121531 St John, N B	Luella 80591 Toronto, Ont	Luin Eddy 116250 Sank Ste Marie	Lurcher Ottawa, Ont.

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SES	SSIO	NAL	PAP	ER 1	No. 2	3													
C. S. Boora Dredg. & Cons. Co., Toronto, Ont.	and Jos. Mayers, New Westmin-	A. M. Snider, Vancouver, B.C.	Mitchell and Wilson, Gana- noque, Ont.	Wm Hackett&Sons, Quebec, P.Q.	Blind River & vicinity. J. P. McDonald, Blind River	Straits of Progressive Steamboat Co., Vancouver, B.C.	Randolph MacDonald Co., Toronto, Ont.	Ningarn Nav. Co., Toronto, Ont.	W. H. Miller Co., Campbell- toa, N.B.	Wedgeport and Tuskert! L. L. Leblanc, Wedgeport, 1sland.	McLachlin Bros., Arnprior, Ont.	Williams Minister of Agriculture, Ottnwa.	Foreign The Canadian West Coa t Nav. Co., Ltd., Van	conver, B.C. W. G. Leslie, Halifax, N.S.	G. T. Fulford, Brockville, Ont.	Alex. Gordon, North Sydney N.S.	Minister of Public Works, Ottawa,	Phos. Weir, Cushing, Que.	White and Giddy, Millidga- ville, N.B.
New Welland canal	New Westminster and Straits of Georgia.	Vancouver harbour	St. Lawrence river	Quebec harbour	Blind River & vicinity.	Vancouver & Straits of Georgia.	Port Hope harbour	Toronto, Grimsby and Hamilton.	Restigouche river	Wedgeport and Taskert Island.	Chat Lake	Victoria and Williams Head.	Vancouver and Foreign ports.	Mulgrave and Ariebat		Coasting	Lako Nipissing	Rivers and canals	Millidgeville to Milkish.
Screw 37.5	Screw 16	Screw6	Screw 1.2	Serew 10.8	Serew 9.6	Serew 13.5	Serew 8.53	Twia serew	Paddte	Screw 14.7	Puddle	Screw 31.6	Pw. serew	Screw 28-2	Screw 28.9	Serew 30.4	Scrow 4.8	Serew 4.3	Paddle 33·6
5-9 -16	14-3-17 38-2-18	15-10-16	9-11-16		23-9-16 8-9-17	5-10-17	Not issued	12-5-17 28-3-18	15-9-16 24-8-17	$\frac{17-7-16}{8-7-17}$	8-8-16 20-5-17	2-10-17 29-3-17	28-3-17 26-3-18	9-6-16	4-6-16 2-6-17	22-5-16 9-8-16	Not issued.	Not issued.	1-8-16 21-6-17
J. B. S.	A. E. H.	A. E. H.	T. P. T.	J. A. S.	E. W. Mek.	п. с. к.	r. P. T.	G. M. A. J. D.	и. Е. С. Е. D.	N. A. C.	J. E. L.	W. J. C.	II.G.R	N. A. C.	A. McD. T. P. T.	D. J. M.	J. T. G.	LE L	C. E. D. W. R. B.
Port Weller, Ont	New Westminster	-	Kingston, Ont	Quebec, P.Q	Blind River, On	Vancouver, B.C	Port Hope, Ont	8-3-17	Fishing Tug Campbellton, N.B	:	Arnprior, Out		Vancouver, B.C	:	8 6-16 Brackville, Ont 6-6-16	North Sydney, N.S	Sturgron Falls, Ont 5-6-16	Montreal 15 8-16	St. Joha, N.B.
Tug	Tug	Tug	Tug	Tug	Tug	'fug	Tug	Pass. 712	Fishing Tug	Warp Tug	Tug	Quarantine tender.	raes. 20. Freight	Pass Freight.	Vacht	Tug	Tug	Tug	Ferry pass 108
124   1913 Wood   85   Midland, Ont.	1914 Wood	1900 Wood Beach, Wash.	1902 Wood. Kingston, Ont.	1894 Wood. Quebec, P.Q.	1895 Wood Collingwood, Out.	1909 Wood Vancouver, B.C.	1891 Wood	1888 lengt	Ö	1912 Wood Mahone Bay.	1892 Wood Arnprior, Ont.	1907 Steel Esquimalt, B.Cr	917 North Vaccouver, B.C	·1.	1901 Stepl Wilmington, Del.	1888 Wood Portland, U.S.A.	1912 Wood Buckingham, P.Q.	1891 Wood	1892 Wood Millidgeville. 1914 St. John.
	73	20	တယ	78	35	31.5	학원	528 234	44.03	39	15	155	147	135	138	66 45	25	88	92
Lynn B 130975 Collingwood, Ont.	N. C. M. Sew Westminster	M. T. C. No. 1. 130797 Vancouver, B.C.	M. & W. 112143 Kingston, Ont.	M. E. Huckett 103137 Quebec.	M. G. McDonald	Mangen 120557 New Westminster.	Mabel MacDonald 100037 Toronto, Ont.	Macassa 93932 Hamilton, Ont.	Mackolvie 126260 Chatham, N.B.	Madaline A. 130624 Yarmouth, N.S.	Mndawaska. 100424 Ottawa, Out.	Madge. 121984 Victorin, B.C.	Mabel Brown. 138351 Vancouver, B.C.	Magdalen 85405 Magdalen Islands	Magedona London, Eng.	Maggie M. 94752 St. John, N.B.	Mnggio K. 131132 Ottawa.	Maggio Mny 96908 Kingston.	Mnggie Miller 100)80 St. John, N.B.

Table I Continued.—Tableau I Suite.

		8 GEORGE V, A. 1918
Name and Address of Owners. Norms et adresses des propriétaires.	Westlake Wellington W. E. Phin, Welland, Out.  Bying lalet river Ont. Higwood, Toronto, Ont.  Coasting Midhard Towing and Wreeking Co., Midhard, Out.  New Co., Hard, Hallfra, Bliffra, Out.  Ningara Falls, Ont. F. Lebond, Ningara Falls, N.Y.  Ningara Falls, N.Y.  South Bay, N.B.	Minimpeg and Massey Messey Relation Callitrical Hallord Island Lakes and rivers Great Lakes Nav. (°°, Midland, Ont. Minister of Naval Service, Ottawa.  Mulgrave and Guysboro II. Cannand Son, Yarmouth Lakes, etc
Route.	Westlake Wellington  Bying lalet river Inland limits Coasting Trent canal Ningara river below Fulls Ningara Falls, Ont Ningara Falls, N.Y.  S. John river and triba- turies.	White the control of
Propulsion N.H.P. Propulsion - N. on H.P.	Serew 6.5 Serew 3.6 Serew 3.6 Serew 1.6 Serew 9.8 Serew 1.6 Serew 1.6 Serew 1.6 Serew 1.6 Serew 1.6	Serew 4-5 Serew 37-6 Serew 52-6 Serew 8-2 Serew 8-2 Serew 8-2
Cartificates Issued Expires. Cartificats Délivemes Expiration.	2 8 16 14 7 17 15 16 10 1-17 1 5 17 1 5 17 1 5 17 1 10 16 1 10 16 1 17 4 16 1 17 4 16 1 17 4 16	24 × 16 20-6 17 6-5 17 Not issued 22-5 16 8-5-17 8-5-17 11 × 16 10-7-17
Inspectors Includes the control of the control of t	G. M. A. G. M. A. G. M. A. T. P. T. J. B. S. M. E. M. E. C. B. D.	G B P P G M A S D A M S D A M S D A M S D A M S D A M S D D J M M S D D J M S D D J M S D D A M S D D A M S D D A M S
Port and Date of Inspection. Ports et dates d'inspection.	Wellington, Ont. 21-7-16  Ringston, Ont. 27-4-16  Haldaa, N.S. 1-11-16  Perchora, Ont. 1-11-16  Nagara Falls  S. 7-16  Ningara Falls  S. 7-16  Ningara Falls  S. 7-16  S. 7-16  Ningara Falls  S. 7-16	Midland, Ont. 15, 16, 16, 17, 16, 17, 16, 17, 17, 17, 17, 17, 17, 17, 17, 17, 17
Trule No of Pass. Service Nombre do pass	Fug Fug Freight Freight Freight Forch Freight Freight Freight	r ght.
Who wand When Bury A teernd Amboost Iou do anstruction A trure to In coque	1822 Woods 1894 World 1894 World 1895 World 1895 Mull 1895 Wood Without Fry. 1895 Wood 1885 Wood Without Fry. 1885 Wood 1885 W	127   19 4   1915   Weed.,   Passes
e .	비스 지리 전혀 달라 오후 영화 영화	12
Vor Vo To Color	Martin R King  2 Jon. Montrell  University of the State of the Martin Onto State of the Martin	Marcet C. Manages, Manages, Manages, Manages, Manages, Manages, Malega, Malega, Canages, Ont. Manages, Ont.

C	5	2	C	10	N	Δ	1	P	Δ	P	F	R	No.	23
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SESSIONA	L PAPER N	lo. 23												
Dominion Fish Co., Winnipeg, Man. Arnistrong Trading Co., Winnipeg, Man. Merchants Mutual Line,	Toronto. Halifax and S.S. Co., Quebec Tra	Buy Margaretville N.S. Co., Margaretville, N.S. E. Gagnon, St. Anne, P.Q.	potent	Leading Co., Chatham, N.B. Howe Mariee Express Co., Van-	Bras d'Or Bras d'Or Steumboat Co., Sydney, N.S.	Point Abine, and Crysta IC. F. Adams, Ridgeway. Beach.	W. J. Bassett, Toronto.	Martton and Horton, Goderich, Ont.	McLaughlin and Gallagher, Glasgow, Scot.	Jas. Holly and Son, St. John, N.B.	Glyn Osler und Miller Lash, Toronto, Ont.	Camada Interluke Line, Toronto, Ont.	Pacific Dredging Co., Van- couver, 13.C.	Montreal, P.Q.
Owen Sound and Michi-Dominion Fish picoten.  Lake Winnipegosis Arnistrong Tru-Winnipeg, Mnn Lakes and rivers Merebants Mutt	Halifix and St. Peter, C.B. Patrol Service, Quebec harbour.	Margaretville and Bay of Fundy ports. Saguonay river	All lakes and rivers	Bathurst harbour	and	Point Abine, and Crysta Beach.	Lakes and rivers	Goderich and vicinity	Vancouver and Const- wise.	St. John rivor	Toronto harbour	All fakes and rivers	Vancouver harbour	St. Lawrence river and sheltered waters only.
Screw 42.7 Screw 16.7 Screw	Screw 27.7 Screw 56.5	Serew 19.8 Paddle 28.2	Screw 17	Screw 9.9	Paddle	Serew. 4	Screw 191.4	Screw 24	Scrow	Serew	Serew 27.5	Serew 169	Serow 19.5	Screw 37.5
24-8-16 21-8-17 26-4-16	18-4-17 5-10-16 4-10-17 Not issued.	17-7-16 10-10-17 26-7-16 10-7-17,		12-5-16 30-8-16 21-8-16		29-6-16 29-6-17		Not issued	$\frac{26-12-16}{3-12-17}$	25-8-16 25-8-17	23-5-16	29-4-16 18-4-17	$^{12-10-16}_{10-10-17}$	13-7-16 15-4-17
E. W. MeK. S. D. A. G. P. P. J. D.	W. E. D. J. M. A. MeD. J. A. S.	N. A. C. J. A. S.	E. W. McK.	C.E.D.	A. E. H. D. J. M.	A. McD. I. B. S. W. E.	E. W. McK. S. D. A.	J. D.	A. 55. II.	G. E. D.	J. D.	G. M. A.	o. 17. A. W. E. H.	T. P. T.
	11 4-16 18-4-16 18-4-16 4-10-16 4-10-16 24-4-16	Margaretville 10-7-16 Stc. Anne de Chicoutinul 10-7-16	Sault Ste. Marie	Chatham, N.B	North Sydney, N.S	Crystal Beach	ıt.	Goderieb, Ont30-9-16		St. John, N.B.	Teronto, Ont			Kingstoe, Ont
Pass 124 Freight. Fishing tug	Freight Pass 38 Tug	Freight	Tug	Tug	Pass freight	Pass. 40	Freight	Tug	Freight	Tug	Tug	Freight	Tug	Tug
Goderich, Ont. 1910 Wood. Winnipegosis.	1140 Sunderland, Eng. 195 1996 Wood 190 Sheet Harbour. 192 1913 Wood	107 H940 Wood 46 Margaretville. 99 1889 Wood.		41 1968 Wood	44) vancouver, 13.C. 478, 1876, Wood. 269 New York, U.S.A.	19 1912 Steel 13 Buffalo, N.Y.	2,502 1890 Steel 1,875 Clevoland, Ohio.	64 1914 Wood	324 1893 Steel & iron. 98 Bowling; Scot.	23 Joinsog, N.B.	Steel Steel 1899 Buffalo, N.Y	3,396 1901 Steel	69 1908 Wood. 47 Vincouver, B.C.	31 Port Huron, Mich.
<del>.</del>	Sunderland, Eng. Halifux, N.S. A. Hackett.	Margaretville 126804 Annapolis. Marie Louise. 92754 Quebec.	Mariel. 130772 Sault Ste. Marie.	Marion Irving. 116682 Richtbueto, N.B. Marine Etypress No. 1	Marion. 85657 Halifax, N.S.	Marion L. Catharines,	Mariska 130979 Collingwood	Marlton. 122615 Goderieh, Ont.	Marmion 102622 Glasgow, Scot.	Martello. 100871 St. John, N.B.	Marthu Stewart	Martian. Port Arthur	Marvis 126220 Vancouver, B.C.	Mary. 71214 Montreal.

8 GEORGE V, A. 1918

TABLE I-Continued.-TABLEAU I-Suite.

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Nume and Address of Owners. Nons et afresses des propriétaires.	J. W. Dobson, Sydney, N.3	Canada Sand and Gravel	Catherine Jonner, Cornwall, Ont.	11. Cann and Son, Yarmouth	Robertson & Maloney, Cornwall, Ont.	Isaac II. Mathers, Rahifax N.S.	au Theophile Light, Penetang Ont	St. Montreal Trans. Co., Montreal, P.Q.	A. G. Castleman, Cornwall,	W. M. Sullivan, Redback N.B.	I. and T. Matthews, Toronto Ont.	Lunenburg and Middle G. W. Ness, Lunenburg, N.S South.	Maskinonge SS. Co., Liver- pool.	Sincennes McNaughton Line, Montreal, P.Q.	Wm. McKenzie et al, Van- couver, B C.	Johnson and Carswell, Ver- aon, B.C.
Route,	Sydney harbour	Soo and Quebee	Cornwall canal	Coasting	Trent ennal	Consting	Penetang to Pt. au Baril.	Lake Ontario and St. Lawrence river	Rivers and canals	Miramichi river	Lakes and rivers	Lunenburg and Middle South,	Foreign	Montreal harbour	B.C	Long Lake
Propulsion—N.H.P. Propulsion—N. en H.P.	Serew 2.81	Screw	Screw 6.5	Serew	Serew	Screw	Screw6	Screw	Serew 10.8	Serew	Serew 156.3	Serew	Serew 261.7	Screw 54	Screw 10.7	Screw 5.5
Certificate: Issued— Expires. Certificat: Déliveme	26 8-16 9-8-17	12-7-16	27-9-16 17-8-17	30-1-15	Notissued	30-8-16	Not issued	1-5-16 26-4-17	31-8-16 12-6-17	15-9-16 27-7-17	25-8-16 18-8-17	17-7-16 5-7-17	13-11-16	12-5-16	26-7-16 25-7-17	Notissued. Screw
Inspectors' Initials. Initiales dos inspecteurs	D. J. M. A. MeD.	J. B. S. W. E.	T.P.T.	N. A. C.		D'3 M	G. M. A	T. P T	T.E.L.	C. E. D.	J. B. S.	N. A. C. A. McD.	C. E. D.	F. X. H	A. E. H.	W J. C.
Port and Date of Inspection. Ports et dates d'inspection.		1. Colborne, Ont	Cornwall, Ont	Narmouth, N.S	Glen Ross, Ont	Halifax, N.S	Sturgeon Bay, Ont	Kingston, Out	Montreal, P.Q	Newcastle, N.B			st. John, N.B.	Sorel, P.Q	Vancouver, B.C.	Long Lake
Trade—No of Pass. Service—Nombre de pass.	Pass 40	Fit	Tug	Fishing boat.	Tug	Fishing tug	Tug	Tug	Тик	Tuk	Freight	Pass Tug	Freight	Tug	Freight	Rooming
Where and When Built Material. Année et lieu de construction— Nature die la coque.	19 1903 Wood	275 INSS Wood.	14 Cornwall, Ont.	24 Mahone Bay, N.S.	5 Glea Ross, Out	26 1850 Wood 17,8 v	6 Penetang, Ont.	43 Ogdenshurg, N.Y.	30 Port Colborne.	10 Douglastown, N.B.	1,913 1991 Steel. 1,267 Chicago, III.	24 Dartmoath, N.S.	2,671 Sunderland, G B.	115 1899 Steat. 70 Sorel, P.Q	113 1911 Wood.	1909 Wood.
Ton-	19	10 10	52	50 55	20.10	10,	01	101	348	80	1,913	33.33	4,793	115	113	10
Name of Vessel—Official No.—Fort of Registry. Nome des naviree Numéres odicinés—Porte d'enregistrement.	Wery Sydney.	Mary Battle 9911 St Catharines, Ont	Mary Ellen 103821 Cornwall, Ont.	Mary Il Cann	Mary I Robertson 1311a; Peterberough, Out	Mary Jane Halifax, N >	Mary I. 12345 Foronto, Ont.	Mary P. Hall. 121825 Montreal	Mary R Catharines, Ont	Mary Sullivan 19331 Chatham, N.B	Masaba. 1310ms foronto, Ont.	Macotte 103549 Lanenburg	Maskinoagé. 13142: Liverpool, G.B.	Nathilds 107416 Montreal.	Matwinia. Vancouver, B.C.	Mauf Allen 126503 Victoria.

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SESSION	NAL PAPE	R No. 23												
Saymour Arrow Lakes Lumber Co. Kamloop, B.C. A. II. Rheinlander, Gaspe, P.Q.	a, end urwell Car	May Queen SS. Co., Chip- man, N.B. Cyr us W. Peck and Donald M. Moore, Prince Rupert B. C.	Fort Hudsons Bay Co., London, Eng. New Dominion Dredging Co., Montreal.	M. Robert Grant, Three Rivors.	S. and Fort Farrow Trans. Co., Colling-wood, Ont. Muskoka Lakes Nav. and	Hotel Co., Toronto.  Vancouver and Foreign Sampson W. R. London, porte.  Vancouver, B. C.	Canadian Dredging Co., Ltd., Midland, Ont.	H. A. Turnor, Millbrooke.	Halifax Tow Bout Co., Hulifax, N.S.	Timiscaming Nav. Co., Mattawa, Oot.	Port Colborne Teg Co., Port Colborne.	Montreal General Cons. Co., Montreal, P.Q.	C.P.R., Montreal, P.Q.	Manley Chew, Midland, Ont.
and	Lake Erie Toroato bay	hn river and triba- 88. Ropert and rgeto.wn.	Smith to Fort herson. Ontario and New and canal.	Three Rivers harbour	Sydney, N.S. and Fort William. Muskoka lakes.	Vancouver and Foreign ports.	Welland canal	Ottonahee river	Halifax harbour	Lake Timiscaraing	Wolland canal	Cedars harbour	Windser and Detroit	Georgian bay
Screw 4.8 Screw 2.7	Screw 19.4 Paddle 41.7		Stern paddle Fort wheel 9.6 Screw Lake 54 Well	Paddle	Screw 147.5 Screw	29	Seraw 20.9	Sorew	Sorew 37.5	Serew 29.6	Screw 10.8	Screw	Paddle	Scrow 16
30-5-16 22-6-17 Not issued	14-10-16 20-9-17 14-6-16 5-6-17	•	24-6-16 23-6-17 13-6-16 26-4-17	7-8-16	29-4-16 18-4-17 Not issued.	30-6-10 28-6-17	31-10-16	26-7-16	1-9-16	26-9-16	31-8-16	Not issued.	Not issued.	Not issued Scrow
W. J. C. W. J. C. J. A. S.	1. B. S. 1. B. S. W. E.	C. E. D. I. J. O. A. E. H.	J. T. M. J. T. M. J. B. S.	F X H.	G. M. A. S. D. A.	S. D. A. A. E. II.	J. B. S.	T. P. T.	D. J. M.	IEL.	J. B. S.	J.E.L.	J.D.	G. M. A.
Sicamous, B.C. 22-5-16 22-5-16 Gaspo, P.Q	Port Bur Toronto,	St. John, N.B	Fort Smith, N.W.T 23-6-16 23-6-16 Port Dalhousie	Three Rivors, P.Q	Midland, Ont 14-16 18-4-16 Graveaburst	25-5-16 6-7-16 Vancouver, B.C.	Port Robinson, Ont 26-10-16	Peterboro, Ont	Sydnoy, N.S. 1-9-16	Timiscaming, Ont	Port Colborne	Cedars, P.Q. 28-9-16	Wiodsor, Ont	Midland, Oat
Tog pass	Fishing tug.	Pass. 514	Freight pass. 40. Tug	Tug	Freight	Freight	Tug	Yacht	Tug	Preight Pass. 350.	Tug	Tog		Tug
23 1903 Wood 15 Annis, B.C. 8 1907 Wood 3 Barachois, P.Q.	45 1911 Wood. 33 Port Barwell. 189 1890 Steel	539 1.859 Wood 340 St. John, N.B. 1998 St. John 39 1905 Wood 27 Vancoavor, B.C.	287 Fort Smith, N.W.T. 137 1886 Wood	65 1912 Wood 23 Three Rivers, P.Q.	1,201 Wallsend-on-Tyne.	7 7	73 1912 Wood 50 Pt. Glasgow.	11 1901 Wood7 Millbrooke.	85 1876 Wood 25 Quebce, P.Q.	299 Opimicam.	47 1902 Wood 32 Port Robinson.	28 1885 Wood	bred	55 1896 Wood 37 Midland, Ont.
Mauric Annis 116456 Vancouver. Maurice 103513 Guspo, P.Q.	Max L. 97109 Port Burwell. May-Bower. 94987 Toronto.	Mayqueen 59243 St. John, N.B. McCulloch 117117 Vancouver.	McKenzie river 130279 Wianipeg. McNaughkon. 88321 Montreal.	McKiane	le, Eng.	Melmore Glasgow, Scot.	Monodora 111917 Midland, Ont.	Mermaid. 111590 Peterboro.	Merrinac 74264 Sydney, N.S.	Moteor. 107084 Ottawa.	Meteor 107950 Cornwall.	Michael Davitt 112055 Montreal, P.Q.	Michigan 100 Eng.	Midland 103575 Midland, Ont.

Trade I Continued,—Transeau I Suite.

	4											8	GEO	RGE	V, A	۹. 19	18
	Name and Address of Owners. Nams et adresses des propriétaires.	Midland Nav. Co., Midland, Ont.	Midhand Nav. Co., Ltd., Midhand, Ont.	C. E. White, Apple River, N.S.	Acadia Sugar Mfg. Co., Hulifax, N.S.	J. E. Moore, St. John,	E. R Wood, Toronto, Ont	Minister of Public Works, Ottawa.	R. E. Dowsett, Nenora, Ont.	Ross Nav. Co., The Pas, Man.	Upper Ottawa Improvement Co., Ottawa	Wm. Hanna & Co., Port Carling, Ont.	Jake Ontario and Bay R. Waddell, Trenton, Ont. of Oninte.	Vicinity of Little Cur D. S. Pratt, Midhand, Ont. rent.	Lake Huron and Geor- Dominion Fish Co., Win- gian buy, nipeg, Man.	Minister of Agriculture, Ottown.	Northern Dredging Co., Loggieville, N.B.
	Route.	Lakes and rivers	VII lakes and rivers	Consting .	Halifax harbour	St. John river and har-J. E. Moore, St. John bour,	Muskoka lakes	Rivera.	Winnipeg river	Saskatchewaa river.	Describences lake.	Muskoka lakes	Lake Ontario and Bay	Vicinity of Little Cur-	Lake Huron and Geor- gian bay.	Halifity Barbour	Consting
	Propulsion—N. H.P.	Septem	Serew	Seriew 16-7	Serew	Serow. 13.5	Serow 1.9	Serew	Serew	Serew. 6	Paddle	Screw	Serew	Screw 5.2	Series 10.6	Serew	Screw. 32
	Certificate: Issued - Expires. Certificat: Délyrance Expiration.	25 1 16 17 1 17	22 4 17	55 4 16	Not issued, Serew.	21-H 16 23 H 17	11 0 11	Not issued	25 4 16	25-7-17	Not issued, Paddle	91-6-16	Not issued.	Not issued	You issued	27 H 16 13 H 17	18 5-16
	Inspectors' Initials Initiales des	% ≃	7. 2 <u>2</u> :	0.00	D J M.	0.8.0	O W V	T. G.	G P P .		1. B. L.	G M.A.	TET	I. W McK	E. W. McK	N C G	C E D
-	Fort and Date of Inspection Forts of dates d'inspection.	\$1 \$ 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pt. Collorne, Cnt	St John, St John St Jo	Halifax, N. 3.	St John, N.B. 24-10-16	Port Carling 17 8 10	Montreal, P.Q	Kenora, Ont.	The Pas, Man	Quyon, P.Q	Part Carling, Ont	Trenton, Ont.	Lattle Current, Ont	Folymory, Ont	N. A. S.	Se John, N.S.
	Prude—No of Pass Service Nombri de prest	Freight	Freight pass 10.	Tug.	P.1449	T E	Yacht	Tug	Pass tug.	Pare tag	Warp tug.	P. Let	Tug	Pare.	Fishing	Quarantine	Fug
0	Whose and When he Bu It Material.  Vands et heu de construction Nature de La verque.	T. 1425 I'm I Stored	6, 153 [ Par] Stand	to Shelburne, N.S.	23 Partmouth, N.S.	40 1897 Wood 27 Quenta Co. N.B.	30 1903 Composite 25 foronte, Ont	Ottawa, Ont.	33 Post Nood 30 kenora, Ont.	26 The Pay, Man	11 15 6 West 9 Certon Creek	ve 1912 Composite	73 levs West 25 Midhad, Cat	35 194 Nood . 23 Collingwood, Ont	at I'm Wood	110 1911 Street.	148 1904 Weed
	Nat. e af Vessel-Office af Nat. e Port of Registry, n.c. Vois des navires Vances offices a Torte denoment	Mi Han I Arms 3.5	Mellind France 6.	Mrka l. 1870; Agrinouth, N.	Mikado Hasta, NS	Mildred or John	Milited Heliki to a c	Minns G [1952] Ottown	Maski 110720 h mera, Ont	Minasin 19675 hemers Ont	Mink lu'ssi (ritana	Mink 131 Stronge, Ome	Minitaga 197361 Forman, Cat	Manni og 11250 Midland, Ont	Manie V Clirk Holled Godeneli nat	Min-wa 126913 Haldax	Minoru 126662 Chathain, N.B.

SE	991	MOL	ΔΙ	PAPI	FR No	23

SI	ESSI	IANC	_ PA	PER	No.	23													
Roberval and Lake St. S. Cimon, Roberval, P.Q. Joha.	Can. Pacific Ry., Moatreal,	Peninsular Lake Sincoe Nav. Co., Ltd.	×	Rockport Nav. Co., Rock- port, Oat.	Misner and Tedford, Port Burwell, Ont.	2	Abitibi Power & Puper Co.,	Z	Huntsville, Lake of Bays and	Huntsville, Ont. W. E. Brooks, Young's Pt	P. J. Menerey, Lions Head, Ont.	Minister of Public Works, Ottown.	Georgetowa Ferry Co., Georgetowa.	Minister of Murine and Fish- eries, Ottawa,	Canadim Explosives Co , Montreal, P.Q.	Canada Steamship Lines, Montreal,	Straits of F C. McBridge, Vancouver, B.C.	Department Public Works, Ottawn.	F. A. Robinson, Digby, N.S.
Roberval and Lake St.	Stern wheel Arrow lakes	Barrie and Peninsular Park,	Miramichi river and bay	Kingston and Prescott	Lake Erie.	Prescott and Ogdens- burg,	Lake Abitibi	Toroato and Hamilton	Lake of Bays	Trent canal	Georgian bay and shel- tered waters.	Rivers	Georgetown and Montugue.	Montreal and gulf	Sidney and James 1sd	Wontreal and Quebec	Vancouver & Straits of Georgia,	Luke Winnipegosis	Digby harbonr
Not issued . Screw	Stern wheel	Serew 6.0	Screw_18-4	Serew	Serew 24	Serew	Paddle	Twin screw	Screw	Serew	Serew	Serew	Padelle 16-1	Twin screw	Serew 2.4	Paddle	Serew	Serew. 2.7	Serow 6.5
Not issued	Not issued.	Not issued	1-8-16	19-5-16	13-10-16	22-11-16	Not issued		29-7-16 26-7-17		24-8-16 10-8-17	Not issued	20-10-16 11 7 17	Not issued	23 25 17 18 18 18 18 18 18 18 18 18 18 18 18 18	3-7-16 25-5-17	21-7-16 I-7-17	24 8 16 19 8 17	Not issued
P. D.	W. J. C.	G M A	C. E. D.	W. R. B.	J. B. S.	T. P. T.	M. K. D. J. E. L.	J. B. S.	W. E. G. M. A.	S. D. A.	E. W. McK	J. T. G.	G. E. D.	W. R. B.	7 7 7 M	E. X. II.	A. B. H.	G P P	N. A. C.
Roberval, P.Q	Nakusp, B.C	Barrie, Ont 26-6-16	Chatha	Xingston, Ont	Pt. Burwell, Ont	Ogdensburg.	Prescott, Oat.	23-7-16 Ifamilton, Ont. 3-5-16	Portago Luke of Bays,	26-7-16 Lakefield, Ont	Lions Head, Ont.	Ottawa 3.5-16	Georgetown 5-7-16	Quebee 29 8 16	Victoria, B.C.	Sorel, P.Q., 25.5.16	Vancouver, B.C	Winnipeg, Mun.	Digby, N.S
Pass		Pass	Preight pass 100 bay.	200 rivers. Pass, 100	Fish tug.	Разя. 338	Tug warp	Pass. 947	Рамя, 50		Pishing tug		Ferry 21	Ice breaker	نب	Pass	Tug	Tug	
11 1909 Wood 7 Roberval, P.Q.	529 I898 Steel and wood Freight 523 Nakusp, B.C. pass.	46 1915 Wood	55 1885 Wood		113 1915 Steel	266 1909 Steel. 181 Wilmington, Del.	72 1915 Wood 39 1907 Lowbush.	678 1889 Steel 461 Yoken, Scot.	167 1913 Composite 103 Portage Luko of Bays.	11 1897 Wood 7 Lakefield, Ont.	43 1901 Wood 27 Owen Sound, Ont	62 1899 Steel. 39 Montreal, P.Q.	I30 1878 Wood 37 Georgetown, P.E.1.	1,432 1904 Steel	14 1910 Wood 10 Vancouver, B.C.	4,282 1904 Steel	63 1912 Wood 43 Vancouver, B.C.	62 1914 Wood 26 Schirk, Mun	12 Digby, N.S.
Minouche	Minto	Modello 137897 Torento, Ont	Miramichi. 88606 Chutham, N.B.,	Missisquoi, 112279 Brorkville.	Miseford 134553 Port Burwell.	Miss Vandenberg 107689 Prescott, Ont.	Mistango 134550 Ottawa.	Modjeska 96058 Hamilton, Ont.	Mohawk Bello 133744 Toronto.	Mollie 103927 Peterboro.	Molly S., 111851 Owen Sound, Ont.	Monitor., 107891 Montreal.	Montague. 77933 Charlottetown, P.E.L.		Monobal 130295 Vancouver, B.C.	Montreal., 116600 Montreal.	Moonlight 131037 Vancouver.	Mossy River Winnipeg intended)	Moto. 121815 Digby, N.S.

Table 1—Continued.—Tableau 1—Suite.

							8 6	EORGE	V, A	. 1918
Name and Address of Owners. Noms et adesses des propriétaires.	Mrs. Rosaans Neville, Halifar, N.S. sheltered Saravet Hallander, Van couver, B.C.	Can. Pacific Ry., Montreal, P.Q. Brister & Sons, Halifax, N.S.	n & Papel Angus, P	Roger Miller & Co., 14d. Shoffine, N.B. Quebec Salvage & Wrecking Co., Quebec.	Dominion Pulp Co., Chat- ham, N B.	and James Buckley, Prescott, Ont. Terminal Gravel Co., Van- couver, B.C.		Nelsonvillo, Thessulon N. and A. Dyment, Barrio, and vicinity.  Kawatha lakes	Kinnio & Kinnio, Vancouver.	Vancouver and Lady-Can. Pacific Ry., Montreal, smith.
Moute,	Cousting	Kooteany lakes		Consting	Miramichi river	St. Lawrence river and sheltered waters. Coasting	Tobermory to Owen-Sound.	Nelsonvillo, Thessalon and vicinity. Kawatha lakes	Consting	Vancouver and Lady-smith.
Propalsion— N.H.P. Propalsion— N. on H.P.	Scrow Tw. screw	Storn wheel. 17-1 Serew 71-9	Serew. 3-3	Scrow 61.4 Scrow	Tw. serew 89.8	Scrow 32 Serow 24	Scrow 6	Scrow 5.2	Screw. 8.2	Screw 63
Certificate: Isaued— Expires. Certificat: Délivrance- Expiration.	1-12-16 1-12-17 5-10-16 3-10-17	26-9-16 11-5-17 13-7-16 13-7-17		29-5-16 29-5-17 3-11-16 3-11-17	18-9-16 26-7-17	Not issued 9 11-16 7 11-17	Not issaed	23-9-16	10-6-16	1-8-16 26-6-17
Inspectors' Initials. Initiales des inspecteurs	D. J. M. П. G. R.	W. J. C. W. J. C. N. A. C. A. MeD.	N A C.	C. E. D.	A. MeD.	T. P. T.	E. W. McK.	E. W. McK. S. D. A. T. P. T.	п. G. R.	A. E. H.
Port and Dato of Inspection. Ports of dates d'inspectioo.	Halifar, N.S	Kootenay Ldg. 12-5-16 12-5-16 Halifax, N.S. 2nd insuretion	Lambton, P.Q	2	Chatham, N 13	Ogdendurg, N.Y. 20-6-16 Victoria, B.C. 8-11-16	Lion's Head, Ont 10-8-16	Phesyalon, Ont. 9-9-16 16-9-16 Peterboro, Ont. 13-7-15	Vancouver, B.C.	Vancouver, B.C. 28-8-16 27-6-16
Frade - No of Press. Service Nombre do pass.	Froight	Freight pass, 210.	Tur.	TokT	Tok	: : : : : : : : : : : : : : : : : : :	Ток	Pass, tag 12 Patrol boat	Tug	Tug pace
Where and When Built Material Ann's et heu de construction – Nature de la coque.	33 [1913 Wood 36 [Liverpool, N.S. 50 1906 Wood 31] Vancouver, B.C.	256 Nelson, B.C 1898 Steel & would 183 1898 Steel 330 New Glasgow, N.S.	World	245 Port Huron, Mich. 1913 St. John. 199 1910 Steel 4 Gorston, G.B.	1394 Composite. Portsmouth, Eng.	33 St Catharinos 134 Catharinos 1340 Robuite 55 1840 Wood 39 Victoria, B C.		59 1040 Wood 40 Goderich, Ont. 15 1888 Wood 10 Kingston, Ont.	46 1987 Wood	305 1908 Steel. 196 Victoria, B.C.
Fon.	88 88	25 25	. 3	198	2112	ER 28		39 40 10 10	31	6 =
Name of Vene Atthend No Fort of Register. For- Noms des naarres Numbers o dends Ports d'entegratiement.	Bouton Larmouth, N.S. Moville Large Vancouver, B.C.	Movie 107454 Vancouver, Mulgrave 103042 Ottawa, Ont	Munna. (Nat registered	Muscallonge 133752 St Joho, N B. Muscausch 131307 Quebec.	Musquash 133677 Halifax, N >	Myra vs534 Prescott Mystery 94815 Agtoria, B.C.	My stery Not registered	N. Dyment 107134 Godoneh. Naixd 92389 Kingston, (mr.	Naiad 122539 Vencouver.	Nanose 12597 Victoria.

SE	SSIO	NAL	PAP	ER N	Vo. 2	3													
Can. Pacific Ry. Co., Montroal.	H. K. Freeman, Prince Rupert, B.C.	Northern Alta. SS. Co., Grouard, Alta.	Can. Pacific Railway, Montreal, P.Q.	British Yukon Nav. Co., Vencouver.	Sincennes McNaughton Line, Montreal, P.Q.	Corporation City of Toronto, Toronto.	Canada Interlake Line, Toronto.	Howe Edith Cates, Vancouver,	British Columbio Trars. Co. Ltd., London, G.B.	Armstrong Trading Co., Konora, Ont.	St. John river and har- Messrs W. Thomson & Co., bour. St. John, N.B.	harbour and J. W. Smith, St. John, N.B.	Sydney and Constance Novada Shipping Co., Mon-	Vancouver, Indian river G.W. Browster, Ladnr, B.C. and Port Moody.	W. T. Cotsford, Salt Spring, ID.	Minister of Marine and Fisheries, Ottawa.	W. Hanna & Co., Port Carling.	J. Anderson, Burnt Church, N.B.	Thunder bay and Cloud Thos. Cragis, Fort William,
Okanagan lakes	Prince Rupert	Lesser Slavo lake	Kootenay lakes	Yukon river	Montreal harbour	Toronto bay	Lakes and rivers	Vancouver and Howe Sound.	Fraser river	Lake of the Woods	St. John river and har- bour.	St. John harbour and river. N.B.	Sydney and Constance	Vancouver, Indian river and Port Moody.	Vietoria-Vaneouver	Coasting	Muskoka lakes	Miramichi river	Thunder bay and Cloud
5сгеw 27·3	Screw_1	Stn. paddle	Stern wheel	Storn wheel	Seren 28-1	Serew 1.9	Screw i46.8	Serew 12-0	Serew	Screw3.3	Serew 19-5	Screw 13.5	Serow. 99	Screw. 8.2.	Screw 8.7	Screw 58	Screw 13.5	Serow 5.4	Serow
25-5-16	Not issued	Not issued	29-5-16	12-7-16		. To	30-5-16	5-7-16 6-6-17	10-7-16	14-10-16	8-9-16 8-9-17	2-5-16 1-5-17	26-5-16 26-5-17	22-3-17	21-11-16 19-11-17		0-1-10	/I-/-0	16-11-16
W. J. C.	A. E. H.	A. E. H. J.T.M.		2 5 H	F. X. II.	I. B. S.	F. X. 11.	A. E. H.	A E. H.	G. P. P.	C. E. D.	C.E.D.	D. V. M R. McD	H. G. R.	B. M.	B.W.	G. M. A.	S. D. A. C. E. D.	w. J. V.
Okanagan, Ldg	Princo Rupert, B.C	18-9-16	Nelson, B.C	Dawson, Y.T	Sorel, P.Q. 4-5-16	Toronto, Ont.	Sorel, P.Q. 30-5-16	Vancouver, B.C	New Westminster, B.C. 7-7-16	Kenora, Ont	St. John, N.B	St. Joha, N.B.	Sydney, N.S	Vancouver	Victoria, B.C. 20-11-16	Victoria, B.C	t	Chathem, N.B	Fishing tug. Fort William, Ont
Tug	Fa95	nug	Freight pass. 360.	Freight pass. 90.	Tug	Tug	Freight	Trg	Tug	Tug	Tug	Tug	Freight	Freight	Tug	Lighthouse tuader and	Pass40	Тид	Fishing tug.
150 1913 Steet	13 1914 Wood 8 Prince Rupert, B.C.	145 1914 Wood	1,869 1913 Steel	256 White Horse, Y.T.	55 1912 Wood	18 1903 Wood	1,079 1892 Steel 542 Detroit, Micjh.	52 1900 Wood 36 Now Weelminster.	100 ISS3 Wood 60 Gloucester, Mass.	30 1911 Wood	No Port Groville, N.S.	40 1913 Wood	1,276 1890 Steel	73 1910 Wood	56 1001 Wood	193 1899 Iron and Steel Lighthouse 61 Hull, Eng.	81 Gravenhurst, Ont.	77 1909 Wood	35 1908 Wood.
Naramata 134271 Victoria.	Narbethong 134216 Prince Rupert.	N.A.S.C. O.	Nasookin. 193885 Vancouver.	Nasutlin, 133738 Vancouver.	Nathalie R. 130923 Montreal.	National. 116255 Toronto.	Natironco. 1, 13314. Toronto.	Native	Nollie G. Thurston	Nellie J 130711 Kenora.	Naptune. 130633 St. John, N.B.	Nereid St. John, N. B.	Novnda. 1, 59235 Montreal.	New Delta. 126894 Vancouver.	New Era. 111813 Vancouver.	Newington 110697 Vancouver.	New Minko	New Success 126255 Chatham, N.B.	Nipigon 117090 Collingwood.

8 GEORGE V, A. 1918

TABLE I—Continued.—TABLEAU I—Suite.

											0 0.		4	7.75	1010
Name and Address of Owners. Nome et adresses des propriétaires.	Buthurst Lumber Co. Buthurst, N.B.	Muskoku Lakes Nav. und Hotel Co., Collingwood,	S. V. Blake, London, Eng.	Randolph MacDonald Co., Toronto.	Victoria and Vansouver, Can. Pac Ry Co., Montreal B C	Dalhousie Lumber Co., Dul- houste, N.B.	W. C., Edwards, A. Co., Ottawa.	sheltered II. Urqulant, Yancouver.	H. Bell Irving, Vancouver, B.C.	J. A. Neville, Halifax, N.S.	Robervaland Peribonka A. Donladson, Roberval, P. Q.	Misner and Tedford, Port Burwell, Ont.	hes. Matte, St. Method, P.Q.	Northern Nav. Co., Colling- wood, Ont.	Quebecand Levis Ferry Co., Quebec.
Route.	Bathurst harbour	Muskoka lukes	Lake of bays	Treat canal	Victoria and Vancouver. B C	Restigouche river	Ottawa river.	BC Coast sheltered	Vancouver harbour	Conting .	Roberval and Peribonka	Lake Erie		All lakes and rivers	Paddle Quebec and Orleans Island.
Propulsion N.H.P. Propulsion N. en H.P.	Serew 15-7	Paddle 22.5	Serow. 6	Screw. 6.5	Serew	Serew.	Serew 8-1	Serew	Nerew 6-6	Servew 8-2	Not issued [Fwin screw	Serew 10.6	:	Screw 328-4	Paddle
Cortificates Issued— Expires. Certificat: Délyrance— Expirition.	15-9 16 30-8 17	Not issued Paddle. 22-5.	28 5 16 30 11 16	Not issued	12 51 52 52 52 52 52 52 52 52 52 52 52 52 52	15 9 16 20 × 17	Not begged	27-5 16 16 5 17	26 9 16 12 9 17	9 5 16 9 5 17	Not issued	Not issued Serew	Not is smeet	6-6-16	22 5·16 10 5·17
Inspectors' Initials. Initiales des inspectours	C, E. D,	G. M. A	V W C	7. D. A.	% 7 G	0 % b	L.T. G.	H G. R	11811	017	P. D. S.	7. ====================================	v.	. D.	P. A. S.
Port and Date of Inspection. Ports et dutes d'inspection.	Bathurst, N B 30 S 16	Gravenburst 27 5 Hi	Lake of Bays, Ont	Washago, Ont 11 10-15	Victoria, N. C.	Pathousie, N.B.	Dtawn 11 5 To	Vancouver, B C	Vancouver, B C	Halfat, N.S. to to	Robertal, P.C 67 16	Fishingboat Port Burwell, Ont	Robert al, P.Q.	Surnia, Unt	
Frads No of Pass. Service Norther depass.	Тик	Piss	Passe 20 Tug	Pug	Pug 15 Puss	Tag	s whe	Vimbe	Lug	li-hing	Present Freight	Fishingboat		Pass	Ferry
Where and When Buft. Material Année et heu de construction Nature de la conjue	1914 Word Bathurst, N B	Us)7 Steel Convenherat, Ont	1913 Composite Birkendale, Ont	1911 Wood 1 Hastings, Ont	Not been Shields, C. B.	lats Sust Kirkintillock, Seat	North-town, N. V.	1910 Mond Vancouver, 18 C	Jesu Port I sington	Variouth, N. S.	Parbonka, P Q.	Col. ngwood, Ont		1913 Steed Port Arthur, Out	Less Wood Levys 1942 Levys
Fon	29	202	12 7	27	27.50	2.4	22.22	20	21	==	13.23	25.25		7935	249
Name of Vessel Otheral No Perr at Rogistry. Notes des may ros Numeros officials Ports d'amegastrement	Nipisugait 134129 Chathani, N II	Nipassing 92413 Forman	Natha. 18747 Foresto	Nitchie I 53 Paterburo	Nithad 91255 Anthraa	No 26 Little Queber	Nobounts Interna	Ventas 126745 Americer	locate Amesasse, BC	Latt Varmouth, N S	Nord H2941 Quebec, P.Q.	Norfolk 97105 Port Barwell	Surregularies	Noronic 134014 Port Arthur	North sage3 Quebec.

SESSIONAL PAPER No. 23	
Chicago, Duluth and Georgian Bay Transit Co., Eastern Steamship Co., Boston, Mass. French River & Nipissing Nav. Co., Peaco River. Northern Transportation Co., Peaco River. Northern Trading Co., Edmonton Alta. Co., Edmonton Alta. Co., Charlettetown, P.E.I. Corp. of North Vancouver City. The Lamber Co., Collem, B.C. H. Walker and Son, Walker's Point. Point. Peter Campbell, G avenhurs, Ont. N. B. Fader, Bayside, N.S. Saburban Steamship, Browns Plat, Sorel. N. B. Fader, Bayside, N.S. Saburban Steamship, Browns Plat, N.B.	Messrs, Coffey and Grenon, Winnipegosis.
	Lake Winnipegosis
88-1 19 19 19 19 19 19 19 19 19 19 19 19 19	Serow 2.7
25-16 6-17 6-17 6-17 6-17 6-16 6-16 6-16 6	21 8 15
1. В.	G. P. P.
Buffalo 11-7-16 Boston, Mass. 10-7-16 Boston, Mass. 11-7-16 For Falls For Palls Peace River Crossing 22-5-16 Surbridge, Mta 3-8-16 Surbridge, Mta 21-6-16 Surbridge, Mta 22-6-16 Surbridge, Mta 22-6-16 Surbridge, Mta 22-8-17 Surbridge, Mta 21-8-16 Surbridge, Mta 3-11 Surbridge, Mta 3-16 Surbridge, Mta	Fishing tng  Winnipegosis, Mun 21 S 16
Pass   620	Fishing tog
1913 Steel  Eaose, Mich.  1901 Steel Chester, Pa.  1903 Wood Attar. Hiver Crossing, Attar. Hiver Crossing, Page Wood Attar. Hiver Composite 1903 Wood Composite 1903 Wood Attar. High Attar. 1904 Composite 1906 Wood Vancouver, B.C. 1906 Wood Vancouver, B.C. 1907 Wood Composite 1907 Wood Steel North Vancouver. 1905 Wood Bristol, Que. 1913 Wood Gravenburst, Out. 1907 Millord Bay, University Out. 1908 Wood Gravenburst, N.S.	Winnipegosis, Man.
	12 52
North American 211076 Michigan City. 130924 Boston, Mass. Northern Belle. 117105 Ottawa, Ont. Northland Call. Northland Sall. Northland Prader. 130717 Kenora, Ont. Northland Perry No.1 122608 Kenora, Ont. North Vancouver Perry No.1 10775 Vancouver. North Vancouver Perry No.2 10775 Vancouver. North Vancouver Perry No.3 130447 Vancouver. North Vancouver. 120064 Victoria, B.C. Nuberthn 130978 Collingwood. Nymph 12171 Toronto. O.L. It. Nymph 12171 Toronto. O. L. It. Nymph 121871 Toronto. O. Daul. 120831 Sorel. Onkled 130590 Halffax, N.S. Ovenner 120831 Sorel.	Odinak. 134269 Winnipeg, Man.

## Table I Continued,-Tableau I-Suite.

						8 GE	ORGE	V, A. 191
Name and Address of Owners. Nous et adresses des propriétaires.	Pumbroke and Deslon-Pembroke Transp. Co., ehim. Okanagan lake	Consting	O. Athana Dredging ('o., Louisburg,	Constang Vietoria, B.C. Towing Go., Vietoria, B.C. Lake Erie and Montread N. J. Tourgeon Beauceville, P.Q.	Port Huron and Sarnia Ferry Co., Port Huron. MePherson and Wilson, Port. Stanley.	Georgian Bay and Lake J. Charlton, Lyndock, Ont. Huron.  St. John river	F. Cogle, Proctor, B.C.	Toronto bay
Route.		Consting	Louisburg and Gabarus	Cousting	St. Clair River Lako Erie	Georgian Bay and Lake Huron. St. John river	Kootenay lake	Toronto bay
Propulsion— N.H.P. Propulsion— N. en H.P.	Twin serew Stern wheel \$2.3 Serew	1 :	8.2	Screw 21-9 Screw 67-6	Serow 37.5 Serow 13.5	Screw 69.4 Screw 13.5	Scrow 9 6	
Certificate: fasued— Expires. Curtificat: Délivrince- Expiration.	25.88-16 21.5-17 25.5-16 28.4-16 18.4-17	22 -12 16 10 -12-17 17 6 16	18 6-17 18-5-16 14-4-16	22.7 16 17-7 17 27-4-16 1 6-16	16-11-16 4-11-17 13-10-16 19-9-17	15-5-16 24-6-16 14 1 16 13 1-17		10-8-16 Screw 7-8-17 6.5 Not issued. Paddle
Inspectore Initials. Initials des inspectours	M. B. L. M. J. C. M. J. C. A. C. H.	D. J. M.	J. D. W. E. D. J. M. A. McD.	W J G	I. D. W. E. J. B. S.	G. M. A.	W. J. C.	G. M. A. W. E. J. D.
Port and Dato of Impection. Ports et dates d'inspection.	Pembroke Ont	Halifax, N.S. 19-12 16 Detroit, U.S.A.	19 & 16 21-6-16 Louisburg, N.S. 18-4-16		Port Huron 16-11-16 17-10-16 Port Burwell 19-9-16	Midland, Ont. 8-5-16 St. John N.B.	Nelson, B.C. 11-5-16	Toronto, Ont 7-8-16 18-3-16 Windsor, Ont.
Trade No of Pass. Service - Nombre do pass.	Prast Freight SS. Freight 282 Pass. Tug.	Fug & Frt.	284 G. L. 600 Rivere, Pass 20 Tug.	Fug Freight	Ferry	TukT	Lug	Pace 200 Ry. car ferry.
Where and When Buff. Material Andre or lieu de syndiretion - Nature do la coque.	1897 Steel . Pembroke, Ont. 1943 Pembroke, Ont. 1947 Westl 1947 Westl 1947 Westl 1947 Westl 1947 Westl	Liverpool, N S.	229 Toledo, O. 35 1903 Wowll 24 Dartmouth, N.S.	Petoria, B.C. 1887 Wood Milwankeo, Wis.	1882 Wood Port Huron, Mich. 1913 Wood Port Stanley.	South Saginaw, Mich. 1991 Collingwood, Ont. 1999 Wood.	1912 Wood Proctor, B.C.	98 1885 Wood 64 Toronto, Oat. 1615 1990 Steel 1018 Owea Sound, Oot.
Fog nage.	48 48 93	33.		E2 13	132 51 33	30 30		98 64 1615 1018
A rate of Vessel Atheud No Port of Repetry. Noun dee navires d'interna difficiels Ports d'introquirement	Osecan 107 of Oteawa Okanagan 1223 Vanceuver Olalio Vanceuver	Habb Laverson, No.	in an lish. O	M Surtural, B U.  La  Spi Montreal	135/35 Port Huron naing Port Stanley	SS623 Windsor Awards 135712 St. John	3	E. Toronto.
1 7 / 19	Okana Okana Okana Oballie	O'Laus la 13120 L	Olive	Ulace M 130511 Om tha 131550	Omor D 155055 Onajng 133791	Onspink 8-623 Onswans	Ondot 130893	Ongiara 90562 Ontario 94485

SI	ES	SI	10	NA	LI	PA	PE	R	No.	23
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SESSIO	NAL PAPI	ER No	. 23											
Ontario Car Co., Ltd., Moatreal.	Ontario Car Co., Ltd., Montreal. I. McGaw, Kincardine, Ont.	McLaughlin Bros., Arnprior.	M. Fearce, Farry Sound, Ont Kelowna Saw Mills Co., Kelowna, B.C.	Muskoka Lakes Nav. and Hotel Co., Toronto. Victoria. Whaling Co., To- ronto.	La Cie Maritime et Indus- trielle do Lévis, P.Q.	Wallace Fisheries Ltd., Vancouver, B.C.	J. & A. Purvis, Gore Bay, Ont.	Wm. Ball, Chatham, Ont.	and Frank V. E. Bardol, Buffalo, N.Y.	Mrs. S. M. Bernham, and Mrs. C. E. Scull, Beau-	Naval Dept. Ottawa.	Minister of Publie Works.	Minister of Public Works, Ottawa.	Montreal and Ottawa Ottawa Trans Co., Ottawa.
Twin screw Lake Ontario and 1 Cobourg.	Cobourg and Lake On-Ontario tario ports.  Lake Huron J. McGav	Chats lake	rarry harbour and vi- cinity. Okanagna lake	Muskoka lakes	Pt. Frie and Black Roch.	Coasting, B.C	Lake Huron	n and Detro	Buffalo harbour and Niagara river.	Muskoka lukes	Harbour	St. Lawrence river	River and canals	Montreal and Ottawa
Twin screw	Screw 294-3	Paddle	Twia screw	Screw 10.2 Screw 42	Serew. 52.8	Serew60	Screw_16.6	Serew	Serew	Screw 8.9	Screw 1.2	Serew 9.3	Screw 17.3	Serew 16.5
28-11-16 30-9-17	10-10-16 10-10-17 Not issued.		21-7-17 25-5-16 2-5-17	5-8-16 25-4-17 29-3-17 20-3-18	29-6-16 30-5-17	8-6-16 6-6-17	Not issued.		31-5-16 25-5-17	9-9-16	Not issued	Not issued	Not issued,	25-4-17
J. B. S. M. R. D.	J. B. S. W. E. J. D.	J. E. L.	G. M. A. W. J. C.	G. M. A. S. D. A. W. J. C.	J. A. S. W. E.	n. G. R.	E. W. McK	F. D. W. E.	J B S	G. M. A.	F. X. 11.	J. A. S.	J. T. G.	J. E. L. P. D.
Cobourg, Ont	Cobourg, Ont. 17-10-16 30-6-16 Kincardine, Ont.	Araprior, Ont.	Kelowns, B.C	Gravenburst, Ont. 25-4-16 26-6-16 Victoria, B.C.	Quebec. 194-16 Bafialo 27.6-16	Vancouver, B.C	Misery Bay, Ont 14-7-16	Chatham, Ont	Buffalo, N.Y 30-5-16	Beaumaris, Ont	Sorel, P.Q. 16-9-16	Levis, P.Q. 9-5-16	Montréal, P.Q	Hall, P.Q 25-4-16 Montreal, P.Q. 4-7-16
Pass. 800 sum. 100 win.	Pass 860-S. 620-W. Fishing boat	Tug	Tug	Pass	Pass 535	Fishing boat.	Fishing boat.	Puss. 724	Pass	Yacht	Govt, ser-	Tender	Tug	Freight pass, 12.
t6   1907 Steel	1915 Steel. Toronto, Ont. 1902 Wood Kineardine, Ont.		1   1902 Wood   1902 Wood   105   1912 Wood   1912 Wood   1912 Wood   1913 W	1886 Wood 48 Gravenburst, Ogt. 1994 Steel. 40 Christiana, Norway.	1898 Steel	76 Beverley.	28 Goderich, Ont.	303 West Bay City, Mich	296 1901 Steel 192 Bufialo, N.Y.	24 1911 Wood	109 1916 Wood34 Sorel, P.Q.	Ogdensburg, Ont.	g	331 1904 Composite
Ontario No. 1		:	Orehard City. 100 100 100 100 100 100 100 100 100 10	Oriole. 4 4 92431 Torocto, Ont. 4 10 Orion. 116932 Victoria, B.C. 4	Orleans 107235 Quebec.	Orontes 105040 Vancouver, B.C.	Osprey 107138 Goderich, Ont.	thurn, Ont.	Ossian Bedell. S.Y. 1	Osso (Not registered.)	Ostrea (Not registered.)	Oswegatchie	Ottawa	Ottawan. 3 116650 Ottawa. 1

8 GEORGE V, A. 1918

Table 1 Continued, Tableau I Suite

		DADED	11 00
SESS	IONAL	PAPEK	No. 23

SE	SSIO	MAL	PAP	EKI	VO. 2	3													
Harbour Commissioners of Montreal.	Upper Ottawa Improvement Co., Ottawa.	La-Jean Crete, Gràndes Piles, P.Q.	Cape Breton Electric Co., Sydney, N.S.	Royal City Nav. Co., New Westminster,	Cufford Smith, Peace river, Alta.	N. Sydney. Cape Breton Electric Co., Sydney, N.S.	Westminster Towing & Fish Co., New Westmidster.	Minister of Public Works, Ottawa.	McKinnon Bros., Montague, P.E.I.	Windsor and Pelee lad.	Upper Ottawa Improvement Co., Ottawa.	The Lake Shore Sand & Gravel Co., Toronto, Out.	Gaspé and Baie de Chaleur S.S. Lines, Quebec.	II. Cann & Son, Yarmouth.	Père Marquette Ry., Detroit, Mich.	and vici-Great Lakes Dredging Co.,	John E. Russell, Toronto, Ont.	Angus McLean, Montread.	Minister, Public Works, Ottawa,
Montreal harbour	Deschesnes lake	Grandes Piles and La-Tuque.	Sydney and N. Sydney, Cape Breton F. Sydney, N.S.	New Westminster, Chilliwach & Ladner.	Hudson's HopeVermilion.	Sydney and N. Sydney.	Vancouver & Strs. of Georgia.	Red river	Coasting, P.E.L	Windsor Leamington & Sandusky,	Upper Ottawa river	Lake Ontario and bay.	Montreal and Gulf	Yarmouth & Port Clyde.	Windsor and Detroit	Thunder Bay and vici- nity.	Trent canal	Bonaventure bay	Coasting
Serew 2:7	Serow	Screw 6.5	Scrow 23.9	Stern wheel	Serew 3.5	Serew 32-5	Screw39.2	Screw4	Serew	Serew 58.4	Paddle	Serew 19.98	Serew 131	Screw	Twin serew	Serew 13.3	Serew	Serew	Serew. 23-2
31-7-16	30-5-16 17-5-17	Not issued	Not issued .	8-3-17 1-3-18	3-6-16	22-5-16 11-5-17	3-5-16	9-5-16 5-5-17	10 -7-16 10-7-17	Not issued	30-5-16 20-5-17	5-5-16	14-4-16	25-7-16 9-7-17	18-10-16 15-9-17	20-5-16	Not issued	Not issued .	8-3-17
J. T. G.	J. E. L.	F X II	D. J. M.	A. E. H.	A. E. H. I. T. M.	D. J. M.	л. мер. п. с. в.	G. P. P.	C. E. D.	7.3 U.3	". b. 1. b. E.	1. B. S.	1. A. S. P. D.	Z. A. C.	A. MeD. J. D.	W. J. V.	T. P. T.	J. A. S.	B.M.
Montreal, P.Q. 17-4-16	Quyon, P.Q		Sydney, N.S., 10-5-16	New Westminster	Peace River, Alta	Sydney, N.S. 11-5-16	Vancouver, B.C	Seikirk, Man. 5-5-16	Georgetown, P.B.L., 5 7 16	Windsor, Ont 7-6-16	Bryson 20-5-16	Toronto, Ont		Yarmouth N.S	Windsor, Ont . 6-10-16	Fort William, Ont	Bradleys Bay, Ont 5-7-16	Bonaventure, P.Q. 9-8-16	Victoria, B.C.
Tug	Tug	Pass	Pass	Freight pass. 100.	Frt. pass 20	Pass, 30	Tug	Tug	Tug freight.	Pass.	Tug	Tug	Pass. frt	Pass. 19	Ferry	Tug	Tug	Тик	Tug
29 1912 Wood 13 Montreal, P.Q.	51 1904 Steel38 Quyon, P.Q.	7 1915 Wood 5 Grandes Piles, P.Q.	107 1890 Wood	382 1910 Wood	16 1915 Wood 11 Prudence Crossing.	91 1884 Wood	128 1904 Wood 88 New Westminster.	:	55 1910 Wood 50 Moss River, N.S.	538 1914 Steel	194 1895 Wood 122 Pembroke, Ont.	100 1901 Wood	õ	80 1892 Wood	2,531 1904 Steel 1,655 Wyandotte, Mich.	65 1892 Wood	12 1906 Wood S Penetang, Ont.	7 1910 Wood 5 Bonaventure, P.Q.	
Passepartout 134186 Montreal, P.Q.	attic II. 116617 Ottawa.	Montreal, P.Q.	Sydney.	126279 New Westminster	Peace River Boy 134,604 Winnipeg, Man.	Peerless. 97282 Sydney, N.S.	Peepless 111953 New Westminster	eguis. (Not registered.)	Liverpool, N.S.	Plec 130388 Amberstburg.	rmbroke 103434 Ottawa.	Penetang Torouto, On(	ercesian 117146 Quebec.	100531 Digby, N.S.	Père Marquette 14. 200611 Detroit, Mich.	ete Gorman	Peter Paul. Midland, Ont.	rtit Demon IfB829 Puspebiae, P.Q	121974 Victoria.

TABLE I-Continued.-TABLEAU I-Suite.

											8	GEO	DRGE	ΕV,	A. 1	918
Namo and Address of Owners. Noms of ndresses des propriétaires.	J. A. Brashear, Pittsburg, Pn.	Huntsville and vicinity. Huntsville, Lake of Bays & Lake Simose Nav. Co.,	Huntsville, Ont. British Columbin Canning Co., Victoria, B C.	Lake Winnipeg Shipping Co, Winnipeg, Man.	Canada Steamship Lines, Montreal, P.Q.	Vancouver 1sd. Towing Co., Victoria, 18 C.	C. Lindsay, Roberval, P.Q.	Algorna Dredging Co., Ltd., Shult Ste. Marie, Ont.	Detroit and Windsor Ferry Co., Detroit, Mich.	Levis Ferry Co., P.Q	C. T. Brynelson, Vancouver.	Thos. Leahey, St. John, N.B.	Minister, Public Works, Ottawa.	Minister, Public Works, Ottawa,	Minister, Public Works, Ottawa,	Upper Ottawa Improvement Co., Ottawa.
Route.	Muskoka lakes	Huntsville and vicinity.	Rivers Inlet, B.C	Lake Wumipeg.	Montreal and He St.	Foreign.	Stern wheel Lake St. John	St. Mary river	Between Lakes Erie and Detroit and Windsor Huron.	Quebec hurbour	Consting	St. John harbour	Consting	Vancouver harbour and Minister, Georgia Straits. Ottawa	Victoria Barbour	Upper Ottawa river
Propulsion— N.1L.P. Propulsion— N. on 1L.P.	Screw. 4.9	Screw. 7.3	Serew 10.7	Serew 31.8	Paddle 24.4	Seriew 39-7	Stern wheel	Screw 4.8	Scrow. 96-3	Screw 87-1	Serew	Serew	Screw., 47	Screw	Screw 17	Paddle
Certificato: Insued— Expires. Certificat: Délivrince— Expiration.	9-9-16	Not insued.	26-6-16 8-6-17	Not issued. Serov	13 6 16 3 6 17	29-6-16 15-6-17	Net issued.	25-9-16	24-0-16	9-11-16	31-8-16	31-1-13	24-11-16	23-2-17 8-2-18	18-10-16	31-5-16
Inspectors' Initials. Initiales dos inspectours.	G. M. A.	G. M. A.	N 15 II.		i Na	WJC	1 2 2	E. W. MeK.	J. D.	1. A. S.	A. E. 11.	C. E. D.	W.J. C.	п. С. в.	B. M.	J. E. L.
Port and Dato of Inspection. Ports et datos d'inspection.	Benumaris, Ont. 16-8-16	Huntsville, Ont. 23 6 16	Rivers Inlet, B.C. 9 0-16		Sorel, P Q 85-10	Sectoria, 18 C	Roberval, 19.Q	Sault Ste, Marie 11-9-16	Pass, 1,145, Detroit, Mich., 12-5-16		Vancouver, B.C 30-8-16	St. John, N.B., 31-1-17	Nanaimo, B.C	Vancouver 15-2-17	Esquimatt, B.C. 17-10-16	Pembroke, Ont
Trade-No of Pass, Service-Nombro de pass.	Yacht	Jn (	ľug.,	Tag fishing	P.ses 375.	Salvage tug	Passe fre	Fug	Pass. 1,145.	Page, 410	Тик	Tugara	. Lug	l'ag.	Tug	Tug
Where and When Built—Material.  Ton. Année of lieu de construction— Nature de la coque.	13 1914 Weed.		-	164 [911 Wood . 112 Selkirk, Man	251 IST Compenter 152 Kingston	270 IND Wood 148 C' Italiana, 18 C'	57 1902 Composite. 36 Roberval, P.Q.	34 1894 Wissl., 18 Cleveland, O.	293 West Bay City.	559 1910 Steel	37 Vancouver, B.C.	2a Philipsburg, Mc.	103 1911 Steel	238, 1912 Steel., 162 North Vancouver.	66 1910 Wood 45 Vancouver, B.C.	23 Pembroke, Ont.
Name of Vessed-Official NoPort of Registry. Noms des avvires Numéres officiels—Ports d'enregistroment.	Ph. Why Sail Not registered )	The nit Foronte	the mix throncer, 13 (*)	Ply His Williams	Partrepont 25: Kingston, Out	log lora Victors, 18 (	Phon og till 125 pp. Quebec	Paola 1 435 Sault Ste Maria	Pleasure 150670 Detroit, Mich.	Physics . Quebec	Plunger 131152 Vancouver.	Player, St. John, N.B.	Point Eller 130367 Victoria	Point Grey 130917 Vancturer.	Point Hope 130310 Vancouver.	Pollut 122457 Ottawa.

SE	ssio	NAL	PAP	ER	No. 2	23												
inister of Agriculture, Ottawa.	perial Oil Co., Ltd., Vancouver.	Quebea and Levis Ferry Co., Quebec.	Brooks Scanton Lumber Co., Vuncouver, B.C.	Wm. Gillies et al, St. Ed- monds Township, Bruce	County, Ont Minister, Marine and Fisbe- ries, Ottawa,	A. Keans, Port Wade, N.S.	Canadian Dredging Co., Midland, Ont.	E. Stubbs and T. Wilcock, Snult Ste. Marie.	Pacific Coast S.S. Co., New York,	Quebec Stenmship Co., Ltd., Quebec, P.Q.	Toronto Ferry Co., Toronto.	aball and Seney, Parry Sound, Ont.	Hudsons Bay Co., London, Eng.	rand Trunk Pacific Devel opment Co., Montreal.	Kingsportand Parrsboro Dominion Atlastie 18y. Co., London, Eng.	Boston and Yarmouth S.S. Co., Montreal.	Wm. Powles, Picton, Ont.	Minister of Railways, Ottawa, Out,
Minister	- Imp	a C	Broc	2	D.H.E.	<u>,</u>	Can M		Pac		Tor	Dab	HE	Gra	Don	The Bost		N iii.
Grosse He and Quebec	Vancouver and Indian Imperial	Quebec harbour	Harrison Luke.	Georgian bay and lake Huroa.	St. Lawrence river	Digby and Port Wade	Coasting	Sault Ste. Mario and Thessalon.	Ocean routes	New York and West Indies.	Toronto bay	. Parry Sound and vicin Daball and Seney, ity.	Lake Athabaskn	Vancouver, Prince Rup-Grand Trunk Pacific Devel ert und Queen Char- lottetown Island,	Kingsportand Parrsbord	Yarmouth and Boston	Glenora and Adolphus- town.	Pictou and Charlottetown
Serew54	Screw4	Screw_100.8	Screw	Screw	Screw 20.2	Screw2.4	Screw 80.6	Screw 26.1	Screw.413	Serew	Paddle	Screw 8.4	Screw 1.2	Screw 170	Screw. 24	Twin screw 286	Paddle	Screw 520
J. A. S. Not issued.   Screw.	2-6-16 30-5-17	1-12-16	31-8-16 16-8-17	Not issued	Not issued.	25-7-16 10-7-17	22-5-16 13-5-17	17-6-16 $3-6-17$	26-1-17 26-1-18	14-11-16 8-11-17	14-6-16 5-6-17	Not issued.	Not issued.	24-3-17 12-3-18	Not issued.	24-4-16 12-4-17	14-8-16	4-12-16
J. A. S.	H.G. R.	J. A. S.	A. E. II.	E. W. McK	F. X. H.	N. A. C.	A. McD.	E. W. McK.	B. M.	A. McD	J. B. S.	G. M. A.	J. T. M.	H. G. R. A. E. H.	N. A. C.	N. A. C.	A. MeD. T. P. T. M. E. D.	N. A. C.
Levis, P.Q. 11-4-16	Vancouver, B.C	Quebec	Harrison Mills, B.C	Tobermory, Ont	Sorel 25-4-16	Digby, N.S. 10-7-16	Halifax, N.S	Sault Ste. Marie	:	New York, N.Y	Hanlans Point.	Parry Sound, Ont	Cbippewyan 16-6-16	Vancouver, B.C	Parrsboro, N.S	Yarmouth, N.S	Glenora, Oat	Picton and Chartottetown 4-12-16
Quarantine tender.	Pass. 20	Pass. frt	Tug	Tug	Tug	Pass. 20	Naval Service.	Pass356	Freight Pass. 546	Freight Pass, 100	Ferry	Tug	Tug	Freight Pass, 137	Pass	Pass,	Ferry	Forry
96 1911 Steel	23 1914 Wood 15 Vancouver, B.C	532 1883 Wood 335 Levis, P.Q.	9 Vancouver, B.C.	25 Port Elgin, Ont.	104 1905 Wood	17 1909 Wood 13 Weymouth, N.S.	374 1891 Steel	Hamilton, Ont.	1906 Steel	1889 Steel. Newcastle, G.B.	1890 SteelToronto, Ont.	1899 Wood Owen Sound, Ont.	1912 Wood Chipewyan, Ont.	1892 Steel. Hull, Eng.	1901 WoodShelburne, N.S.	1899 SteelHull, G.B.	1885 Wood Deseronto, Ont.	1915 Steel Newcastle, G.B.
296 86	83	. 333	13	66.63	104	132	374	337 219	5218 2393	$\frac{2990}{1875}$	189	23	00 00	1015 587	127	2188 923	13	2795 1110
olana. 126930 Quebec.	Polarine 134107 Vancouver, B.C.	Polaris 85759 Quebec.	Port Douglas	Port Elgin Queen 90765 Goderich.	Portneuf. 133905 Sorel, P.Q.	Port Wade	Premier 98964 London, G.B.	Premier	203813 New York.	London, G.B.	Primrose94990 Toroato.	Primrose	Primrose Minnipeg, Man.	Prince Albert	Prince Albert	Prince Arthur	Prince Edward Ferry 80955 Picton, Ont.	Prince Edward Island 134206 Charlottetown, P.E.L.

			7 GEORGE V, A. 1917
Name and Address of Owners. Noms of advesses des propriétaires.	Yarmoul Co., Mont Wigham, P. Wouporo Co. Co. Co. Coetreal, Fre.	Aman-Hunter of at, Now- castlo, Eng.  Minister of Marios and Fish- ories, Ottawa.  Cab. Pac. Ry., Montreal, P.Q. Can. Puc. Ry., Montreal, P.Q. C.P.Ry. Co., Montreal, P.Q.	Foreign C. P. Ry. Montreal, P.Q. P.Q. Mostreal, P.Q. Ry. Co., Mostreal, Ont. P.Q. Ry., Montreal, P.Q. Con. Pao. Ry., Mostreal, P.Q. Con. Pac. Ry., Mostreal.
Route.		Victoria, Sentitle & Skog Swan-Hunter of way.  Coasting Canada	Coartingports.
Propulsion— N.H.P. Propulsion— N. en H.P.	Twin scrow  421  Twin recrew 383.5 Scrow 45.6 Scrow 103 Scrow	Scrow 118.8 Scrow 90.4 Scrow 274.4 Scrow S	Scrow
Certificato: Issued— Expires, Certificat: Delivence- Expiration.		27-2-17 23-2-18 Not issued. 23-1-17 17-1-18 0-3-17 4-3-18 9-5-16	28-4-16 26-4-17 16-2-17 10-2-18 Not issued 20-7-16 15-10-16 23-5-16
Inspectors' Initials, Initials des	N. A. C. R. R. N. A. C. R. N.	F.W. J. W. W. J. J. W. W. J. J. C.	M. J. C. A. E. H. T. P. T. W. J. C. A. E. H. A. E. H. B. M.
Port and Dato of Inspection. Ports et dates d'inspection.	Boston 24-11-16 24-11-16 Victoria, B.C. Montrual, P.Q. Vancouvor, B.C. 13-12-16 14-12-16 14-12-16 30-5-16	Victorin, B.C.	Victoria, B.C.  Vancouver, B.C.  13-2-17  Cornwall, Ont.  13-9-16  Victoria, B.C.  Victoria, B.C.  Victoria, B.C.  Victoria, B.C.  13-9-16  Victoria, B.C.  13-5-16
Trade-No. of Pass. Servico- Nombre de pass.	Pass 650 Freight Pass, 380 Freight Pass, 176 Tug,	Froight. Fishery service. Vice. Froight. Froight. Froight. Froight. Page. 454	10 to 10
Where and Whee Built—Material. Anofor of lica de construction— Nature de la corque.	1898 Steel	3379 1910 Steel 1926 Wallsendern-Tyrao. 252 Grasgemount, G.H. 3060 1910 Steel 1910 Glasgow, Scot. 1904 Wallsend, Ebg. 1,209 1903 Wood	c. C.
Toa-	2194 932 3372 1625 473 321 964 540	30.50 30.50 19.00 10.00	3544 1989 1368 827 26 1777 970 2155 1346
Name of Voscal -Official No Fort of Registry. Noms des naviere— Numbres officials—Ports d'enregistrement,	Prince George 110003 Yarmouth, N.S. Prince George 129748 Newcastle, Eng. Prince Red 126774 Halder, N.S. Prince John 129473 Prince Rupert. Prince Ray.	Princes Ropert  129743 Newcastlo.  Princess Adelaido 120943 Victoria, B.C. Princess Alico 130609 Victoria, B.C. Princess Rettoria, B.C. Princess Rettoria, B.C.	Narlotte San

SESSIONAL	PAPER N	lo. 23										,
Ry., Montreal, Ry., Montreal, Ry., Montreal,	Ry.,	Co., Montreal, Steamboat Co., r., B.C.	he Progressive Steamboat Co., Ltd., Vancouver, B.C. etroit and Windsor Ferry Co., Detroit, Mich	Progressive Steamboat Co., Vancouver, B.C.	Paris, The China Mutual S. Nav. Co., Ltd., Liverpool, G.B.	Bishop Breynat, N.W.T.	P.Q. H. Taylor, Campbellton,	N.B. C. Gratwick, Buffalo.	Reid Co., Mon-	Bisect, Vunconvor,	Ry., Montreul,	Beaton, Ottawa,
Can. Pac. P.Q. Can. Pac. Can. Pac. Can. Pac. P.Q.	Ay Cun. Pac. P.Q. and Cun. Pac.	John Reid Co., P.Q. Progressive Steam Vancouver, B.C.	iThe Progressive Stea. Co., Ltd., Vanc B.C. Detroit and Windsor Co., Detroit, Mich	of Progressive Steam Vancouver, B.C.	Parie. The Chins Co., Ltd.	Bishop Bre	Lorne C. W P.Q. J. H. Tayle	F. C. Grate	The John R	A. R. Bi B.C.	Can. Pac. P.Q	Brooks and
CoastingCoasting		Montreal and Sorel John Reid Co., Montreal, P.Q. Vancouver and Straits of Progressive Steambont Co., Vancouver, B.C.	Vancouver and Straits of the Progressive Steamboat Georgia.  Windsor and vicinity Detroit and Windsor Ferry Co., Detroit, Mich	Vancouver & Straits of Goergia. Harbour St. Pierre &	olug	McKenzie river	Fort William and Father Lorne C. Webster, Montreal, Point.  Dartmouth river J. H. Taylor, Campbellton,	Muskoka lakes		Cousting	Victoria and Vancouver, Cub. coasting.	Rideau canal & Oftawn Brooks and Beaton, Ottnwa.
Triple screw 250.8  Twin screw 450  Screw 143.6	Screw 181.7  Twin screw 404	Screw 24 Screw 33.7	Screw 16.7 Scrow 40.4	Screw 15.5	Twin screw	Screw 1.2	Screw	1.2 Screw	Screw13.5	Serew 120	Serew 46.6	Serow 6.5
26-2-17 26-2-17 23-2-18 12-6-16 6-6-17			10-3-17 1-3-18 26-5-16 5-5-17		24-4-17 Notissued	27-6-16 27-6-17	18-5-16 9-5-17 Not issued	11-9-16 18-8-17	Not issued	6-11-16 5-11-17	3-1-18	30-11-16
BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB	В. М. Н. G. В. В. М. В. М.	F. X. H. H. G. R.	A.E.H. I. D.	A. E. H.	A. Me. D. H. G. R.	J. T. M.	T.P.T. M.R.D.	J.A.S. G.M.A.	F.X.H	A. E. II. F. F. P.	A. E. H.	A. E. H. E. L.
Victoria, B.C. 13-7-16 Victoria, B.C. 23-2-17 Victoria, B.C.			Vancouver, B.C.  Betroit  12-5-16  1-6-16		24-4-16 24-4-16 U.S.A. 12-2-17	Fort Providence	Kingston, Out		Sorel, P.Q6-9-16	Vancouver, B.C	Vancouver, B.C.	Ottawa, Ont 16-6-16
Freight Pass. 101 Freight Pass. 89 Freight Freight	250 250 282	0	rug Ferry	Tug	60 Freight	Tug fishing.	FreightTug	Yacht	Tug	Freight	Tug & Pass. 16	Sand burge
1888 Steel	Paisley, Scot. 1903 Steel. Newcastle-on-Tyne.	Sorel, P.Q. 1906 Wood Vancouver, B.C.	48 Vancouver, B.C. 3 1892 Wood 6 Detroit, Mich.	1912 Wood	Troon, Scot. 1909 Steel Newcastle, G.B.	1906 WoodFort Smith.	1,483 1891 Wood 4.05.A	Shippigan, IN.B. 1903 Wood Kingston, Ont.	23 Sorel, P.Q.	1891 Steel	1904 Steel. Philadelphia, Pa.	108 1867 Wood 60 Bedford Mills,
	2320 1466 1943 428	\$ 8 8 8 6 F	48 473 296	37 37 548	215 9,547 6,118	13	1,493 905	2 4 8	232	683 265	98	108
Princess May.  100860 Vancouver, B.C.  115685 Victoria, B.C.  Princess Patricia.  Princess Royal.  Princess Royal.  121988 Victoria, B.C.	Princess Sophia	Irogresso. 134485 Montreal. Progressive. 122158 Vancouver, B.C.	Promise. Parceit, B.C. 150590 Detroit, Mich.	Pronative	83 St. Pierre Miquelon. Protesilaus. 128014 Liverpool, G.B.	Providence	Pueblo	Pukwanna	Puncher 134135 Quebec, P.Q.	Quedra 96899 Vuncouver.	Qualicum 130607 Victoria, B.C.	Quebec Gingston, Ont,

Table I-Continued.—Tableau I-Suile.

			8 GEORGE V, A. 1918
Name and Address of Owners. Noms at adresses des propriétaires.	Canada Steamship Lines, Montreal, P.Q.  R. Can. Pac. Ry., Montreal, P.Q. Brucebridge.  ut. B. Babington, Prince Rupert. Robert Weddall Co., Tran.	Cleveland Sarnia Saw Mills Co., Sarnia, Ont. J.B. McLeod, Southampton, James Pilgrim, Meaford, Ont. Nav. Co. St. Lawrence	Land Suparation of Canter Suparation of Canal State Indial, Out.
Route.	Montreal and Quebec Cunada Mont Victoria, Vancouver & Can. I Powell river. Muskoka lakes and Muskok rivers. Prince Rupert harbout B. Bay of Quinte Robert	Sarnia bay	
Propulsion— N.H.P. Propulsion— N. en 11.P.	Puddle 120 Screw 34 Screw 11-1 Serow 9-3	Screw 4 Screw 13.5 Screw 13.5 Screw 3.5	Serew 8.2 Scraw 4.8 Scraw 9.4 Screw 9.4 Screw 15.3
Certificato: 1ssued— Expires. Certificat: Délivrance- Expiration.	26-5-16 26-5-16 26-5-17 26-5-17 Not issued 23-5-16 21-5-17 16-9-16		
Inspectors' Initials. Initiales dus inspecteurs.	F. X. II. II. II. II. II. II. II. II. II.	J. D. V. D. G. M. A.	F. X. H. C. E. D. I. E. E. I. E. E. I. E. E. M. E. T. M. E. T. M. R. D. M. R. D.
Port and Dato of Inspection. Ports of dates d'inspection.	Sorel 184-16 194-16 194-16 194-8-16 194-8-16 194-16 194-16 7-7-16 Prince Rupert. 22-5-16 Trenton, Out.	Tug	Pass   Dalhousia, N.B.    -5-16   Ss.    -5-16
Trade—No. of Pass. Service—Nombre do pass.	Passi 200 Freight. 63 Passi. Tug.	TugSarnia, Fishingboat Southar Fishingboat French FreightSorel.	Pass. 38 Freight Fishing boat Pass 196 Fishing tug Fishing tug
Where and When Bult.—Material. Année et lico de construction— Nature de la coque.	Sorel.  1997 Steel.  1898 Wood Vietoria, B.C.  1888 Wood Orillia, Ont. 1906 Bracebridge, 1914 Wood Vancouver, B.C.  1886 Wood		Sorel, P. 1904, Chathan 1912, Octawa, 1903, Buffalo, 1909, Birdsall, 1886, Mahone 1898, Marine
Too-	21 52 54 54 54 54 54 54 54 54 54 54 54 54 54		105 135 135 155 155 155 155 155 155 155 15
Name of Vessel—Official No.—Port of Registry. Nons des navine— Nunfros officiels—Ports d'enregistryment.	Queebee 122103 Montreal. Queeo City 103483 Victoria, B.C. Queeo of the Islee 90367 Toronto, Ont. Quintsa Nancouver, B.C. 134413 Vancouver, B.C. R. G.A. Weever Control of the Islee 100414 Control of the Islee Islee 100414 Control of the Islee Islee Islee 100414 Control of the Islee	R. G. Shaw. R. H. Dobson. H. H. Dobson. H. J. Morrill. 111533 Owen Sound, Ont. R. Paul.	R. R. Call 116472 Chatham, N.B. R. R. Foster 130647 Ottawa, Ont. Raiobow 100530 Port Dover, Ont. Raiobow Raiobow Raiobow 100590 Peterboro, Ont. Raibb. E. S. 90725 Haliax, N.S. Ralph. E. S. 116400 Sarnia, Ont.

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SE	SSION	AL F	PAPE	RN	o. 23													
lE. B. Whitcomb, Detroit Mich.	Huntsville, Lake of Baysand Lake Simcoe Nav. Co., Huntsville, Ont.	St. John River Log Driving Co., Fredericton, N.B.	Wm. Purker, Sandwich, Ont.	The Canada Steamship Lines, Montreal, P.Q.	Montrnal and Brockville Cannda S.S. Lines, Montreal,	Canada S.S. Line, Montreal	and G. Pyke, Wolfe Island, Ont.	Wilson & Bruce, Victorin, B.C.	Minister, Marine and Fisheries, Ottawa.	Dept. of Indian Affairs, Ottawa.	Victoria harbour Lumber Co., Toronto, Ont.	Northern Dredging Co., Loggieville,	Adolf. Lorne, Montreal, P.Q.	J. Ganley, Sault Stc. Marin. Ont.	Minister, Marino & Fisheries Ottawa.	W. E. Gardner, Victoria, B.C.	Minister, Marino and Fisheries, Ottawa,	B.C. G. A. Graham, Denman, Island, B.C.
Muskoka lakes	Huntsville and vicinity	St. John river	Detroit river	Montreal and Prescott .		Montreal and Prescott	St. Lawrence river and bay of Quinte.	Coasting	Stationed at Red Isd	Lake of the Woods	Georgian bay	Coasting	Valleyfield and Mon- treal.	St. Mary's river	St. Lawrence river	Coasting	Esquimalt harbour	Denunan island, B.C. Cotnox chunnel.
Serow 9.9	Scrow 8.1	Twin screw	Screw	Twin serew 174.4	Twin screw	Twin screw	Serew	Screw		Screw5.2	Serow	Serew48.2	Twin serew 25.8	Serow	Scrow5.6	Serow.	Serew	Screw. 5.6
9-9-16	Not issued. Scrow	14-7-16 13-7-17	Not issued	3-7-16 26-5-17	9-6-16	Not issued.	20-8-16 12-8-17	17-8-16 15-8-17	Not issued.	27-9-16 27-9-17	Not issued	19-5-16 25-4-17	7-6-16 2-6-17	22-9-16 12-4-17	Not issued.	25-8-16 23-8-17	23-6-16 21-6-17	9-12-16
G. M. A.	G. M. A. S. D. A.	C. E. D.	Ι.υ.	F.X.11 P.D	F. X. H.	P. D.	T. P. T.	В. М.	J. A. S.	G. P. P.	G. M. A.	c. E. D.	J. B. L.	E. W. MeK. S. D. A.	E. X. II.	W. J. C.	В. М.	А. Е. и.
Pt. Carling, Ont	Huntsville, Ont	Fredericton, N.B.	Sandwieh, Ont 12-10-16	Sorel, P.Q 26-5-16	Sorel, P.Q	Sorel, P.Q. 1-6-16	Kingston 12-5-10	Victoria, B.C	Lightship Quebee, P.Q	Kenera, Ont 27-9-16	Victoria harbour	St. John, N.B	Montreal	Snult Ste. Marie 11-9-16 16-9-16	Sorel, P.Q	Victoria, B.C. 24-8-16	Esquimalt, B.C	Vancouver, B.C.
:	Рвяз	Tug	Fishing tug	Pass. 500	Passs5	Pass	Tug	Tug	Lightship	Yacht	Tug	Tug	Freight	Pass. tug	Tug Buoy Bervice.	Tug	Fishery cruiser.	Tug
25 Toronto, Out.	102 1894 Wood 83 Hamilton, Ont. 1908 Huntsville, Ont.	6 St. John, N.B.	8 1888 Wood 5 Walkerville, Ont.	1, 200 Toronto, Ont.	34 1911 Steel	1307 1909 Steel	20 Collingwood	45 Now Westminster.	152 Not known	23 1904 Wood 16 Selkirk, Man.	122 Garden Island, Ont.	112 Wilmington, Del.	149 Deseronto.	Composite kwood, Ont. Midland.	c c	30 1913 Wood	76 1996 Wood 53 New Westininster.	
Rambler	Ramona	Randolph 103259 St. John, N.B.	Ranger 94841 Windsor, Ont.	1	Rapids Prince 1384 130418 Montreal, P.Q. 955	Rapids Queen 130 101254 Montreal. 77	Ray Stanton 130231 Kingston, Ont.	Red Fir. S5674 Victoria, B.C.	Red Island No. 3	Rodwing 112203 Winnipeg, Man.	Reginald	Reliable. 20 126603 Chatham, N.B. 1	Reliance	Reliance. 3 97115 Sault Ste. Marie. 11 Ont.	Reserve S5719 Ottawa, Ont.	Respond . 133768 Victoria, B.C.	Restless	122514 Vancouver, B.C.

TABLE I-Continued.-TABLEAU I-Suite.

											8 G	EOR	GE '	V, A.	1918
Namu and Addross of Owners. Nonre et udresses des propriétaires.	Peare River and Luke Dept. of Interior, Ottawa. Athabaska.	St. Lawrence River J. L.B. LeClaire, Sorel, P.Q.	Grand Richmond Steamship Co., Sydney, N.S.	of Rideau Lakes Nav. Co., Kingston, Ont.	Sincennes McNaughton Line, Montreal, P.Q.	Holmes Bros., Redwood,	Mathews Steamship Co., Ltd., Toronto. Ont,	North channel & Geor-C.S. Boone, Dredg. & Cohs, gian Bay.	Robert Weddell, Trenton, Ont.	H. Cann & Son, Yarmouth, N.S.	Hurbour Commissioners, Quebec,	Port Arthur and Fort J. L. Davidson, Vancouver,	F. E. Hall, Montreal.	Hall & Eligh, Ottawa.	J. W. Langille, Halifax, N.S.
Route.			Malgrave and Grand Narrows,	Brighton and Buy of Quinte.	Sorel-Chambly	Cape Vincent & Massens Holmes Bros., N.Y.	Lakes and rivers Mathews		Bay of Quinte	Malgrave and Canso	Montreal harboar			Lakes and rivers	Scraw Consting J. W.
Propulsion— N.H.P. Propulsion— N. en H.P.	Screw	Serow	Serew. 20.2	Serew 25	Paddle 34·1	Serew. 28-1	Serew	Not issued Serew	Screw	Serew41.6	Screw	Screw	Serew	Screw 27.3	Scraw
Cortificate: Issued Expires. Cortificat: Délivrance- Expiration.	Not issued Screw	14-7-16 1-8-16	22-5-16 16-5-17	30-10-16	S-6-16 20-5-17	13-7-16	31-5-16	Not issued	24-5-16 10-5-17	23-8-16 17-8-17	27-4-16	11-11-16		6-6-16 25-4-17	15-5-16
Inspectors' Initials. Initiales des inspectours	J. T. M.	F. X. H.	D. J. M.	T. P. T.	F. X. H.	T. P. T.	J. D	W.E. E. W. MeK.	T. P. T.	N. A. C.	A. M. L.	W. J. V.	T. P. T.	F. D.	P. D N. A. C.
Port and Date of Inspection. Ports et dates d'inspection.		Sorel, P.Q 12-6-16 1-7-16	Grund Narrows, N.S.	Kingston	Sorel, P.Q 20-5-16			Little Current	Trenton, Ont	Yarraouth, N.S	Montreal	Port Arthur, Ont	Trenton, Ont	Quebre, 16-5-16 Ottawa, Ont	Pictou, N.S. 5-5-16
Irade—No of Pass. Norvico— Nombre de pass.	Fire patrol	Freight	Pass. 12.	Frt	Tug	Pass, 356	Freight	Tag	Tug	Pass. frt	Tug.	Freight	Freight	Freight	Freight
Where and When Built - Material. Année et lieu ide sustruction - Nature de la coque.	13 1909 Wood	194 1915 Wood 178 Sorel, P.Q.	132 1884 Wood 83 Levis, P.Q.	1 <u>T</u> q	36 Quebee, P.Q.	Buffalo, N.Y.	4,423 1896 Steel	37 1893 Wood 25 Buffalo, N.Y.	19 Trenton, Ont.	265 1911 Wood . 112 Shelburne, N.S.	129 1899 Steel S7 Levis, P.Q.	1,158 West Bay City, Mich.	1557 Wood	344 1907 Steel 157 Toronto, Out.	67 1907 Wood
Fon-	22	25	51.33	351	5100	<i>&amp;</i>	4.63	in cl	7 11	265	51.00		1,599	15	9 19
Nama of Neesed—Official No.—Port of Registry. Lions des navines Numéros officiels—Ports d'enregistrement.	Hev. Ottawa (not registered.)	Richelieu 134370 Sorol, P.Q.	Richmond . 117023 Sydney, N.S.	Ridens Queen . 107742 Emerten	Raval. 66064 Montreal.	Riverside Alexander Bay, N.Y.	Riverton. 137598 Tornato, Cat.	Robert Downey 112191 Chatham, Ont.	Rob G. Weddell 12250 Kingston, Ont.	Robert G. Cann 130622 Yarmouth, N.S.	Robert MacKay.	Robert L. Fryer 134019 Port Arthur, Out.	Robert R. Rhodes	Roberval. 125972 Ottawa, Ont.	Robie N. 122021 Halifax, N.S.

				IN	SPE	CTIC	)N L	DES .	BATI	LAU.	X A	VAP	'EUK				103
SESSIO	NAL	PAF	ER I	No. 2	23												
Northwest Nav. Co., Win- nipeg, Man. W. Patterson & Co., Mon- treal, P.Q.	Geo. Charron and Hilaire Bray, Gatinean Point.	Great Lakes Dredging Co., Port Arthur, Ont.	Minister, Publie Works, Ottawa.	Sincennes MeNaughton Line, Montreal, P.Q.	Jas. Chambers, Liverpool, G.B.	Rosedale Ltd., Hamilton, Oat.	Mrs. R. Neville, Halifax, N.S.	Montreal Trans. Co., Mon- treal.	Fred Garrow, Rossport,	Summer-Steamship Rotundus Co., Sommerville, N.S.	Minister Marine and Fisherice, Ottawa, Ont.	Peterboro Lumber Co., Peterboro, Ont.	The Armstrong Trading Co., Kenora, Ont.	Imperial Oil Co., Sarnia, Ont.	The Imperial Oil Co., Ltd., Sarnia, Ont.	Minister, Publie Works, Ottawa.	St. Margaretville SS. Co., Margaretville, N.S.
Lake Winnipeg	Ottawa river	Thunder Bay	Consting	Mostreal barbour	Foreign	Port Arthur and Mont-Rosedale Oat.	Coastieg	Kingston and overseas	Rossport and Vicinity	Windsor and Summer- side.	Coasting	Otonabee river	Lake of the Woods	Grent Lakes	. Halifax harbour	Red river	Margaretville and John.
Screw 16.7 Screw 90.1	Screw. 6.5	Serew 10.8	Serew 9.6	Screw 28.1	Screw	Serew 106	Screw. 8.2	Screw	.Screw5.4	Screw 19.18	Serew 51.6	Paddle	Screw	Screw 95.6	Screw 2.4	Screw2.4	Sorew 37.5
27-5-16 24-5-17 14-8-16 10-4-17	15-9-16 30-11-16	20-5-16 5-5-17	Not issued	15-5-16	31-7-16	24-4-16	28-11-16 27-11-17	18-8-16 1-8-17	24-7-16 17-7-17	31-7-16 27-7-17	Not issued	26-7-16 10-7-17	10-10-16	21-6-16 20-6-17	23-4-16	9-5-16	25-7-16 10-7-17
G. P. P. J. E. L. P. D.	J. E. L.	w.J.V	C. E. D.	F. X. H.	DJM	G. P. P.	D. J. M.	T. P. T.	J. V.	N. A. C.	N.A.C.	T.P.T.	G.P.P	E. W. McK. S. D.A W.E.	D.J.M.	G. P. P.	N. A. C. A. McD.
Selkirk, Man 24-5-16  Montreal	Hull, P.Q. 25-4-16	Fort William, Ont	Charlettetown, P.E.I	Sorel, P.Q. 4-5-16	Sydney, N.S	Port Arthur, Ont	Halifax, N.S. 27-11-16	Philadelphia, U.S.A. 10-8-16	Port Arthur, Oat	Pass. 250   Hantsport, N.S	Helifax, N.S. 29-5-16	Peterboro, Ont.	Big Island, Ont.	Collingwood, Ont 15-5-16 20-6-16 20-6-16 Sarnia, Ont.	20-11-16 Halifax, N.S	Selkirk, Man	Pass. 10 Margnretville, N.S. 20-7-16 21-7-16
Fishing.	Tug	Tug	Tug	Tug	Freight	Freight	Fishing bost.	Freight	Fish tug	Pass. 250	Govt, ser- vico.	Alligator	Fishing tug	Oil tunk str. freight.	Freight	Tug	Pags. 10
56 1899 Wood 21 Selkirk, Man. 1,454 1892 Wood 716 Cleveland, Ohio.	78 1882 Wood 50 Rockland, Ont.	61 1876 Wood 41 Buffalo, N.Y.	70 1903 Wood	73 1912 Steel38 Sorel, P.Q.	7,546 1915 Steel 4,351 Sunderland, G.B.	1,607 1888 Steel 977 Sunderland, Eng.	41 1906 Wood 28 Sable River, N.S.	1,580 1896 Steel 989 Newcastle-on-Tyne.	Port Arthur, Ont.	123 1910 Wood 66 Shelburee, N.S.	301 1906 Wood	19 1905 Wood	11 1907 Wood	2,652 1916 Steel	52 1914 Wood 35 Dartmouth, N.S.	20 1968 Composite	z.
Mocket. 107216 Wisnipeg. Rock Ferry 130419 Montreal.	Rockland	Roi-Tan. 134012 Port Arthur, Out.	Rona. 112348 Liverpool, N.S.	Rosalie L. 130928 Moetreal	Rose Castle 137438 Liverpool, G.B.	Rosedale	Rosemary 122122 Halifar, N.S.	Rosemouat No. 103665 Montreal, P.Q.	Rossport 138002 Port Arthur.	Rotundus	Rouvillo. 126528 Quebec, P.Q.	Rover 111884 Peterboro, Ont.	Rover. 121918 Kenora, Ont.	Royalite	Royalite	Ruby (Not registered.)	Ruby L. 122148 Annapolis, N.S.

## TABLE 1—Continued.—TABLEAU 1—Suite.

Naum and Address of Owners. Nonus of adresses des propriétaires.	Cape Croker & Wiarton Fred Wright et al, Miarton, Ont.	W. C. Edwards Lumber Co., Ottawa.	Georgian bay and North I. Roque, Killurney, Ont. channel.	G. Marron, Owen Sound, Ont.	Ainsley, II. W., Port Dover, Ont.	J. A. Farquhar, Halifax, N.S.	Geo.McGregor et al Victoria, B.C.	Muskoka Lukos Nav. and Hotol, Co. Toronto, Ont.	E. A. Booth, Jr., Kingston, Ont.	Canada Steamship Lines, Montroal.	J. B. Snowball & Co. Chatham, N.B.	E. S. S. Corporation, Boston.	Picard & Valliero, Queboc.	Walter Ford, Peace River, Alta	Nuncouver and Points of Goro & Young, Vancouver, Straits of Georgia.
Route,	Cape Croker & Warton	Ottawa river	Georgian bay and North channel.	Georgian bay Causting	Lake Erie	Consting	Coasting	Muskoka lakes	Inland waters	Montreal and Chicoutini.	Miramichi river and bay J.	Calals and Lubec	Quebec harbour	Peace River	Vancouver and Points of Straits of Georgia.
Propulsion— N.II.P. Propulsion— N. en II.P.	Screw	Serow	Scrow.	Scraw3.4	Serow.	Screw	Scrow 13.5	Scrow 68.8	Screw 21.6	Twin screw	Screw 36.3	Scrow37	Screw	Screw 6	Screw 77.3
Certificato: Issued— Expires. Certificat: Délivrance- Expiration.	30-5-16	Not usued.	Not issued.	3 10 17	2 S 16 21 7 17	23-2-17	14-3-17	Not issued.	Not issued	1-5-16 26-4-17	15-10-16 26-7-16	3-8-16	Not issued	Not issued.	4-5-16
Inspectors' Initials. Initials des inspecteurs.	E. W. McK.	J. T. G.	E. W. McK.	E. W. McK.	J. B. S.	N.	W. J. C.	G. M. A.	T. P. T.	EXX.E	C. E. D.		J.A. S.	N L I	А. Е. п.
Port and Dato of Inspection. Ports of dates d'inspection.	Wiarten, Unt	Rockland, Oat	Killarney, Ont	Owen Sound, Ont	Port Dover, Ont	Halifax, N.S	Victoria, B.C.	Gravenharst, Ont	Portsmouth, Ont	Sorel, P.Q. 26-4-16	Chatham, N.B.	Eastport, Me	Quebec 1-5-16	Peace River, Alta 25 5-16	N. Vancouver, B.C 3-5-16
of Pase.  Nervice - Nombre de pase.	) whe	Tag	Tux	Yacht	Fishing boat.	Pars	Tug	Pass. 730	Tug.	Frt. pass. 401	Pass. tug	Pass. 3'16 Ex. 412.	Tag	Tug and freight	Tug
Whore and When Bult —Material.  Fon- Multi—Material.  Ann'e et lieu de construction – Naturo de la corpe.	9 Unknown Word	76 1896 Steel 44 Rockland, Ont.	Wood	9' 1909 Wood 6 Brockville, Ont.	40 1912 Noxl 27 Port Dover, Ont.	734 1914 Steel 341 Pausley, Scot.	60 1892 Wood . 34 Victoria, B.C.	744 1906 Steel 420 Gravenburst, Ont.	257 IST3 Wood Mich.	2,776 1911 Steel	77 1883 Wood 52 Chatham, N.B.	240 1901 Wood 142 Portland, Mo.	23 1901 Wood	32 1903 Word 22 Peace River	68 1898 Wood 46 New Westminster.
Name of Vessel Official No -Port of Registry. Nours des navines - Numbres officials -Ports d'onbegistroment.	Ranchout 126657 Owen Sound, Unt	Russell 10358 Ottawa, Ont.	Russell Reque	Ruth M 107GS Brockville, Ont.	S B Grabell 12660 Port Dover, Ont.	Sable I 136307 Haldar, N.S.	Sathe Victoria, B.C.	Sagamo. UZZIS Toronto, Ont.	Saginaw 69324 Saraia, Ont.	Saguenay, 130526 Montronl, P.Q.	St. Androw St. Androw Scotl Chatham, N.B.	St. Andrews 96564 Boston, Mass.	St. Churles 111681 Quebec.	St Charles Not registered	St. Clair 107246 Vancouver, B.C.

	SION	AL F	PAPE	RN	o. 23													
Detroit and Windsor Ferry Co., Detroit, Mich.	F. Boisvert, St. Croix, P.Q.,	Bishop Grouard, Grouard, Alta.	J. B. Snowball, Chatham, N.B.	Sault Can. Towing and Wrecking Co., Port Arthur, Ont.	Montreal and Chieoutimi Canada S.S. Line, Montreal.	T. B. Climie, Sault Ste. Marie, Ont.	Bishop Breynut, McKenzie River, Out.	J. B. Snowball & Co., Chatham, N.B.	Victoria Whuling Co., To-ronto, Ont.	Montreal Sand and Gravel Co., Montreal, P.Q.	P. McLean, laprairie.	Perth and Rideau lakes. Peter Cavanagh, Perth, Ont.	Raymond & Tulbot, Rimouski, P.Q.	The Public Works, Dept., Ottuwn.	The Public Works Dept., Ottawa.	Jean Crete, Grandes Piles, P.Q.	The Public Works Dept., Ottnwa.	The Public Works Dept., Ottuwn.
Detroit river	Quobee-Ste. Anne de Beaupre.	Lake Athabaska	Miramiehi river and bay J. B. N.B.	Port Arthur and Sault Ste. Marie.	Montreal and Chicoutimi	St. Marys river	Me Kenzie river	Miramichi river	Consting	Rivors and canals	Verdun and LaTortue P. McLean, Lapruirie		Rimouski harbour	St Maurice river	St. Maurice river	Grandes Piles and Lat-Jean Crete, Tuque,	St. Maurice river	Twin screw St. Mauriee river
	Paddle.	Screw	Paddle	Screw 218	Paddle	Serew 4.8	Serew 1.2	Paddle	Serew 40.4	Serow 24	Paddle 29.5	Serew6	Serew	Twin screw	Twin serew	Serew 9-8	Twin serew 2.7	Twin serew
26-5-16 13-5-17	5- <b>5-16</b> 5-6-17	19-6-16 17-6-17	28-7-16 21-7-17	8-4-16	3-7-16	Not issued.	17-7-16	28-7-16 24-7-17	29-3-17 20-3-18	27-6-16	30-5-16	Not ssued	Not issued	Not issued	Not issued.	Notissued	Notissued	Not issued
J. D. W. E.	J. A. S	J. T. M.	C.E.D.	W. J. V.	E. X. H.	E. W. MeK.	J.T.M	C. E. D.	W.J Č	LEL	LEL	7. D.	J.A.S.	F.X III	F.X.11.	P. N. II P. D.	F.X H .	Р.Х.П.
*		:		:				:	_	:	;	:					:	
Windsor, Ont 12-5-16 12-6-16	Quebee 22-4-16 5-6-16	Fort Chipewyan	Chatham, N.B 24-7-16	Port Arthur, Ont	Sorel	Suult Sto, Marie 4-5-16	Resolution, N. W. T 15-7-16	Chatham, N.B 24-7-16	Vietoria, B.C. 21-3-17	Montreal, P.Q	Montreal, P.Q	Perth, Ont	Rimouski, P.Q 25-8-16	St. Flore, P.Q., S-8-16	Shawinigun, P.Q. 4-10-16	Grandes Piles, P.Q. 8-11-16	Petit Piles, P.Q 9-8-16	Grandes Piles, P.Q 9-8-16
vers reat	Pass. Irt Quebee22-4-16 200 5-6-16	ning Fort Chip	Tug Chatham, N.B	lee breaker, Port Arthur, Ont	Sorol	Tug Sault Sto. Mario		Tug Chatham, N.B	Whuler, Victoria, B.C. 21-3-17	TugMontreal, P.Q	Ferry 250	Pass Perth, O.	Tug Rimouski, P.Q 25-8-16	Tug St. Flore, P.Q 8-8-16	Tug Shawinigan, P.Q. 4-10-16		Tug Petit Piles, P.Q	Tug Grandes Piles, P.Q
870 1910 Steel	506 1850 Wood Pass Irt Quebee		- ;	1476 1888 Wood lee breaker, Port Arthur, Ont 934 Pebuil 1906 117-16 117-16	Pass Sorel 300 Freight.		Fish tug. Resolution, N W 15-7-16	Tug		:	:	Pass	-			eight.	:	18 Toronto, Ont. Tug Tug Grandes Piles, P.Q

TABLE I-Continued, TABLEAU I -Suite.

Name and Address of Owners. Nous et adresses des propriétaires.	The Public Works Dept., Ottawa.	The St. Maurice Construc- tion Co., Montreal, P.Q.	Miramichi river and bay I. B. Snewbull & Co., Chat ham, N.B.	Minister of Public Works, Ottawa,	Harbour Commissioners, Montreal, P.Q.	Anne Jos. Tromblay, Stc. Anne de Chicoutimi, P.Q.	British Columbia Salvago Co., Vietoria, B.C.	Great Lakes Dredging Co., Port Arthur, Ont.	Ross Navigation Co., The Pas, Man.	Upper Ottawa Iraprovement Co., Ottawa,	Montreal Snad and Gravel Co., Montreal.	Folcy Bros. and Welsh, Halifax, N.S.	Minister of Public Works, Ottawa.	Central Canada Coul Co., Brockville, Ont.	Lake Huron and Georg, Jas. Hunter et ul, Wiarton, ian bay.
Route.	St. Maurice and Three The Public Rivers harbour.	St. Maurice river	Miramichi river and bay	Port Burwell Harbour Minister of Dredge. Ottawa.	Montreal harbour	Chicoutimi to Ste. Annodo Chicoutimi.	Consting	Lake Superior	Saskatchowaa river	Chats lake	Rivors and canals	Halifax harbour	Frager river	Chicago and Father Pt	Lake Huron and Georg-
Propulsion— N.H.P. Propulsion— N. en H.P.	Twin serew	Twin Berew	Serew 20.3	Serew 25.6	Screw	Paddle	Serow 65.6	Serew 51.7	Serew 4.1	Paddle 2.7	Twin serew	Serew	Stern wheel	Serew 72.1	.Sстоw.
Cortificate: Lesured— Expiros. Cortificat: Délivernee Expiration.	Not issued.	Notissued	28-7 16 25-7-17	Not issued	3-7-16	22-7-16 8-7-17	30-11-16	20-5-16	28-7-16 22-7-17	Not issued	Not issued	24-4-16	22-4-16	18+16	Not issued.
laspectors' laitials. laitiales des inspecteurs.	: = × 3	F X.II.	C. E. D.	× = =	J. E. L.	I A S.	W. J. C.	W. J. V.	G. P. P.	LELL.	I. E. L.	N.A.C.	A. E. H.	T.P.T.	E. W. MeK.
Port and Dato of Inspection. Ports of dates d'inspection.	Phree Rivers, P.Q 10 8 16	Laloutre, P.Q	Chatham, N.B.	Port Burrell, Ont	Montreal, P.Q 28-1-16	Ste, Anne de Chicoutimi	Esquimalt, B C.	Port Arthur 10-5-16	The Pas, Man	:	Montreal 22-4-16	Halifar 24-16	New Westminster		Wiarton, Ont 35-5-16
	-	and the same of th													_
Trude—No of Pass. Service—Nombre do pass.	Tug	Tug	Tug	Tug	Tug	Pass Froight.	Freight 25 Puss.	Tug	Pass. 10 Tug.	Tug.	Tug	Tog	Sang boat	Freight	Tug
Where and Whee Built - Material.  Sulf - Material.  Anne et lies de coextraction - Nombre Incoque.	1912 World Tug		:	:		1906 Wood Pres Freight.		:		-		Tog	Nord Snag boat	Wood Freight Ilaven, Nich.	Tu Zu Z
nere and When niftMaterial. Annèe et lieu construction Nature do la coque.	Wood Tug.	Tug	Wood	Wood	Wood	i		Word	Wood, Ont.	Wood.	Composite es Piles, P.Q.	Wood Tag	Wood Snag boat	Wood Freight Ilaven, Nich.	Wood Tug

SESSIONAL PAR	PER No. 23				
Powell All Red Line, Ltd., Vancouver, B.C., Detroit and Windsor Ferry Co., Detroit, Mich.	Fort Canadian Tow, and Wreeking Co., Port Arthar, Ont.  Reid Wreeking Co., Sarnia, Ont.  Cornadarlaterlake Line, Ltd.,  Toroato.  Toroato., Ont.  Toroato, Ont.	Frederic R. Johnson, Port Colborne, Ont Northere Nav. Co., Sarnia, Ont Cologial Transp. Co., Ltd., Toronto.	and La Maritime Commerciale du Bas St. Lauront.  Mandoy Chew, Midland, Oat.  Joha Walter, Edmonton.		ship Co., Halilax, land Glace Steamship Co., land N.S. Daniel Long, Elgin, (Minister of Railwa) Canals, Ottawa, Or
Slocaa laket.  Vancouver to Powriver.  Windsor and Detroit.  Miramichi river	Port Arthur aed Fe William. Lakes and rivers All lakes and rivers	All lakes and rivers All lakes and rivers Lakes and rivers	Quebec Acticosti Picton. All lukes and rivers Saskatchewae river.	Cutler and vicieity Atlia lake	CoastingLake TimiskamingMulgrave and Port
Screw 54 Screw 54 Screw 54 Screw 10-5 Screw 11-2	Screw 26-6 Screw 84-5 Serew 146 Screw 95-6	Screw 79.2 Screw 150.7 Screw 106	Screw	Screw 2·1 Stern wheel, 3·4 Screw	Sorew 32-6 Sorew 1-6 Twin sorew 300-8
26-9-16 18-9-17 14-9-17 26-5-16 5-5-17 36-7-17	18-9-16 15-9-17 Not issued 17-4-16 15-4-17 18-11-16 17-11-17	29-6-16 28-6-17 1-6-16 20-4-17 6-5-15 8-4-16	18-4-16 18-4-17 4-10-16 9-6-17 Not issued.	Not issued. 31-7-16 30-7-17 5-7-16	57-7-17 53.4 13-5-16 Sorew 32-6 Not issued. Sorew 1.6 Not issued. Twin screw
W. J. C. W. J. C. H. G. R. H. G. R. W. E. C. E. D.	W. J. V. J. D. E. W. McH. S. D. A. S. D. A. S. D. A.	1.B.S. 1.D. W.E. T.P.T.	W. E. I. A. S. P. D. S. D. A. I. T. M.	E. W. McK. H. G. R.	N. A. C. A. MeD. D. J. M. A. MeD. J. E. L. D. J. M.
Slocae, B.C. 16-5-16 Vancouver, 16-5-16 15-9-16 Windsor, Oat. 13-5-16 13-5-16 13-5-16 24-6-16 Chatham, M.	Fort William, Ont 15-9-16 Sarein, Ont 13-9-16 Collingwood, Ont 15-4-15 Collingwood, Ont	Port Colhorae, Ont. 20-6-16 Sarnia, Oct. 20-4-16 S-6-16 Kingston, Oct. 5-4-16	Quebec. 124-16 Midland, Ont. 25-9-16 Z5-9-16 Edmonton, Alta. 15-5-16	Cutler, Ont. 10-9-16 Atlia, B.C	55 Pass.
Freight 50 Pass. Pass. frt 141 Pass. 653	Tug  Tug  Freight Oil tank	freight Freight Freight	Pass. 43 Freight. Freight and tug.	Tug. Freight. 72 Pass. Freight.	55 Pass. Pass. 20 Tug
Roseberry, B.C. 1911 Roseberry, B.C. 1833 Steel. Fairfield, Scot. 1883 Wood Detroit, Mich. 1890 Wood Douglastown, N.B.	Samia, Opt.   Samia, Opt.	1, 152 West Bay City, Mich. 1896 Marine City, Mich. 1891 Mich. 1961 1832 Wood. 1786 Sarnia, Ont. 1788 Sunderland, Eng.	1895 Iron 84 Montrose, Seot. 972 1884 Wood 690 Trenton, Mich. 14 1910 Wood 72 Edmoston, Alta.	1893 Wood Little Current 1899 Wood Atlia lake, B.C.	Mahone Bay, N.S. 1910 Wood Mahone Bay, N.S. 1904 Wood Carleton Pince, Oct. 1915 Steel. Newcastle, G.B.
96 65 309 197 224 154 154	85 57 57 68 68 2,656 1710 1,546	1,319 1,152 1961 1296 1798 1148	348 184 972 690 114 72	17 10 10 135 135 376	224 119 119 13 1,859 740
Sandon 107451 Vancouver, B.C. Saata Maria. 87034 Vancouver, B.C. Sappho. 115928 Detroit, Mich. Sarcelle. 96734 Chatham, N.B.	Sarnia. 99853 Port Arthur, Oct. Sarcia City. Sarnia. 134011 Port Arthur, Out. Sarnolite.	Saroor 133824 Montreal, P.Q. Saronie Sarnia, Out. Suskatoon 123965 Sunderland, Eng.	Savoy 104887 London, Eng. Schooleraft. 134270 Midland, Ont. Soona. 126450 Kemora, Ont.	Scotch Thistle. 99818 Sault Ste. Marie. Scotia. 107229 Victoria, B.C. Scotia.	Scotsharn   Scotsharn   Scotsharn   Scotsharn   Scotsharn   Scotsharn   Scotsharn   Scotsharn   Scotsharn   Scotshara   Scot

TABLE I-Continued.-TABLEAU I-Suile.

Name and Address of Owners. Noms et adresses des propriétaires.	Minister of Railways and Canals, Ottawa, Ont.	Scotsman Co., Ltd., Balifux, N.S.	Ottawa Transp. Co., Ottawa, Ont.	Hero S.S. Co., Halifax, N.S.	Donald Burgess, South Van- couver, B.C.	Minister of Marine and Fiisherics, Ottawn.	Rat Portage Lumber Co., Winnipeg, Man.	C. Brester and Son. Inditax, N.S.	C. and F. Fix, Buffalo, N.Y.	L. F. Smith, Halifar, N.S.	J. Harrison and Sons Co., Owen Sound, Ont.	David Morreau, Midland, Ont.	Armstrong Towing Co., Cache Bay, Oct.	Dominion Fish Co., Winnipeg, Man.	Halifar Trading and Scaling Co., Halifar.	Young & Gore Tughout Co., Ltd, Vancouver, B.C.
Route.	Strait of Canso	Coasting	Ottawa-Montreal	Lakes and rivers	B.C. Coast sheltered Donald Burgess, waters.	Montreal-Trenton	Harrison river and lake. Rat. Portage Lumber Winnipeg, Man.	Halifax harbour	Buffalo hurbour and Niagara river.	Miramachi river	Georgian bay and Lake J. Harrison and Sons Huron.	Penetang and Parry Sd. inside channel.	Lako Nipissing	Lake Huron	Coasting	Consting
Propulsion— N.H.P. Propulsion— N. on H.P.	Scrow., 215	Serew	Scrow 17.4	Serew	Screw	Sorew	Stn. wheel.	Serow 13.5	Serew 24	Screw6	Screw 8.2	. Screw 1.2	Screw 29	Screw 9-9	Screw 85.2	Scrow 52
Cortificato: Issued— Expires. Cortificat: Délivrance— Expiration.	Not issued	30-6-16	30-5-16 25-4-17	11-9-16	5-10-16	17-6-16 29-3-17	22-5-16 19-5-17	Not issued	16-5-16 23-6-17	27-7-16	Not issued.	Not issued.	27-7-16	21-7-16 31-12-16	13-5-16	14-2-17 12-2 IS
Inspectors' Initials. Initiales dos inspecteurs.	UVZ	0	A. MeD.	r. b.	11 G 18	T. P. T.	H G R	N. A. C.	J. B. S	C. E. D.	E. W. McK.	G. M. A.	T. G.	E. W. McK.		A. E. 11.
Port and Dato of Inspection. Ports et dates d'inspection.	Halifax, N.S. 17-7-16	Halifar, N.S		:	Eburne, B C. 4-10-16	Prescott, Ont	Harrison Mills, B.C. 20-5-16	Darmouth, N.S 4-7-16	:	Newcastla, N.B.	Owen Sound, Ont.	Moon Falls, Ont		South Bay, Mouth Ont	N.S. 13-5-16	Vancouver, B.C
Trado-No. of Pass. Servico-Nombre do pass.	Ferry	Pass 100 Tug.	Freight 9 Pass.	Freight	Yacht .	Buoy serv.	Tug.	Fishing tug	Pass	Tug.	Tug	Tug	Pass tog 181 156-ox.	Fishing tug.	Pacs & frt Halifax,	gnJ.
Where and When Built Material. Année et lieu de construction Nature de la coque.	1,461 1901 Steed 321 Walker on Tyne, G B	1903 Steel	1903 Composite Ottawa, Ont.	1895 Steel . Sunderland, Eng.	9 Stefeston, B C	Cardinal, Ont.	1908 Wood Harrison River, B C	liverpool, N.S.	1907 Steel Buffalo, N.Y.	1908 WoodTanecok, N.S.	1590 Wood Goderich, Ont.		1906 Wood	1892 Wood	1911 Steel	218 Vancouver, B.C.
Тов-	1,461	==	22.E	130H	20	200	52	76	5.00	97	53	00	149	26	277	218
Name of Vessels—Official No.—Port of Registry. Noms des naviree- Numbres officiels—Ports d'enregistrement.	Scotta 11185 Ottawa	Scoteman 116114 Halkar, N.S.	Sentaman 116331 Ottawa, Ont.	Scottish Hero 105718 Halifax, N.S.	Scotty 130592 New Westminster	Saut 112396 Ottawa, Ont.	Scowlitz 125580 Vancouver, B C	Seabird 11aiffax, N.S	Sea Breeze, 204279 Buffalo, N.Y.	Seacrest. Italdar, N.S.	Searull Goderich, Ont.	See Gull 100941 Collingwood, Ont.	Sea Gull. 121948 Taronto, Out.	Sea King Goderieb, Ont.	Seal 129556 Halifax, N.S.	Sea Lion 117116 Vancouver, B.C.

SES	OIS	NAL	PAF	PER	No. 2	23													
Coasting off Providence Dominion Fish Co., Ltd. Bay.	Vancouver and Straits of Wictoria Whaling Co., Ltd. Georgia.	Parry Sound Lumber Co., Parry Sound, Ont., and F.	a. Lincoln S.S. Ca., Vancouver, B.C.	British Yukon Nav. Co., Victoria, B.C.	Powell All Red Line, Ltd., Vancou-	Progressive S.S. Co., Ltd., Vancouver.	Lachine Transp. and Coal	Fraser River Lumber Co., New Westmiaster, B.C.	Nap. Trudel, St. Irene, P.Q.	The Public Works Dept., Ottawa,	J. F. Sowards, Kingston, Ont.	Beazley Bros., Halifax, N.S.	Minister, Railways and Canals, Ottnwa.	J. Richardson & Co., Mntane P.Q.	J. W. Saul, New West minster, B.C.	Can. Pac. Ry., Montreal, P.Q.	Timiskaming Nav. Co., Haileybury, Ont.	Minister of Marine and Fisheries, Ottawn, Ont.	M. T. Ca., Montreal, P.Q.
Coasting off Providence Bay.	Vuncouver and Straits Georgia.	Lakes and rivers	Vancouver & Straits o	Yukoa river	Vancouver & Powel	Vancouver harbour	Lakes and rivers	Fraser river	St. Lawrence river	Montreal & Quebec	St. Lawrence river	Ilalifax harbour	Halifax and foreign ports Minister, Canals,	Harbour	Fraser river & New Westminster.	Okanagan lake,	Lake Timiskaming	All lakes and rivers	Duluth and Father Pt.
Serew 9.3	Screw39.1	Screw 106	Serew	Stera wheel	Screw 54	Screw 9.1	Screw 73.5	Stern wheel	Screw	Screw 37.5	Screw4.9	Screw32.8	Serew	Serew	Screw_37.7	Stern wheel	Screw 13.5	Twin screw	Serew. 106.3
	A.E.11. 20-2-17	J. B. S. 28-4-16 W. E. S. 25-4-17	19-5-16	H. G. R. 10-7-17	A. E. H. 9-3-18	A. E. H. 28-2-17	J. E. L. 14-17	A. E. H. 4-3-18	Notissued	F. X. H.	F. P. T. 7-9-16	N. A. C. 20-7-16 4-7-17	N. A. C. 4-7-17	Not issued.	A. E. H. 7-4-17	W. J. C. 3-5-16	29-9-16 11-5-17	G M.A. Not issued	T. P. T. 234-17 M. R. D.
South Baymouth	Vancouver, B.C	Toronto, Ont		Dawsea, Y.T. 11-7-16	r, B. C.		Montreal	r, B.C.			Kingston, Ont	Dartmouth, N.S		Quebee, P.Q	New Westminster	Penticton, B.C	at		Kingston, Ont
Fish tug	Tug	Freight	Freight	Freight	Freight 150 Pass.	Tug	Freight	Tug. 16 Pass.	Tug	Buay ser- vice.	Tug	Tug	Freight	Tug	Tug	Frt. pass	Pass & Frt	Govt, light house Str.	Freight
18 1892 Wood	103 1904 Steel 17 Christiana, Nor.	771 Owen Sound, Ont.	2 1898 Wood	White Horse, Y.T.	7 Glasgow, Scot.	1880 Wood	West Bay City, U.S.	New Westminster.	18 Quebec, P.Q.	237 1898 Wood 161 Quebec, P.Q.	19 Parry Sound, Oat.	75 1886 Wood	2,268 1912 Steel. 1,341 Sunderland, Eng.	37 1903 Wood	33 1888 Wood 22 Astoria, U.S.	1,787 1914 Steel 994 Okanagan Ldg.	92 1909 Steel 53 Haileybury, Ont.	913 1909 Steel 438 Newcastle, G.B.	1,197 1903 Wood
:	Sebastien. 117323 St. John, Nfld.	Seaguin	Selkirk. 142 107095 Victoria, B.C. 86	rk 777 835 Victoria, B.C. 490	Selma 207 85075 Vancouver, B.C. 97	Senator. Senator. 27 80902 Vancouver, B.C. 21	Senator Derbyshire 1246 112351 Montreal. 987	Senator Jansen. 230 126272 New Westminster 93	Sorieux Sorieux 134131 Quebec, P.Q.	Quebec.	Shanley	Shannon Saling Pietou, N.S. 5	Sheha	Shirley 3 116225 Quebec, P.Q. 2	Shuswap. 3 126330 Vancouver, B.C.	Vietoria, B.C.	Ottawn, Oat.	Simene 125456 Ottawn, Ont. 43	Simls 1.19 112144 Kingston, Oat. 73
Sea (	Seba.	Seagn 947	Selkii 1070	Selkirk 107835	Selm 850	Senat 8090	Senat 1123	Senat 1262	Serier 1341	Shamroek. 107479	Shanl 1262	Shanr 831	Shebs 1293	Shirle 1162	Shusy 1263	Sicamens.	Silverland 126410	Since 1254	Simla 1121

Table 1-Continued.-Tableau I-Suite.

										8	GEO	RGE	V, /	<b>4.</b> 19	118
Name and Address of Owners. Noms of adressess des propriétaires.	Sincennes McNaughton Co., Montreal,	Charles Rainsbarrow, Chatham, N.B.	Ottawa Trans. Co., Ottawa.	Coastal Dredging Co., North Sydney, N.S.	Harbour Commissioners of Montreal, Montreal, P.Q.	Nanaima Sir John Jackson, West-gu.	Little St. Mary Bny S.S. Co., Little River.	and C. E. Soymour, Now West-mineter, M. C.	Rat Portaga Lumber Co., Winnipeg.	E. Fetterly, Gravenhurst Ont.	Can. Pao. Ry. Co., Mon-treal,	Washugo Randolph McDonald Co., Torcato, Ont.	L. B. Smith, Central Bliss-ville, N.B.	E. R. Vipond, Nakusp, B.C.	Minister, Public Works, Ottown,
Routo,	All Canadian ports	Miramichi river	Ottawa & Gronville	Consting	St. Lawrence river,	Victoria to Nanaimo insido pavengu.	Weymouth and Little river.	New Westminster and Chilliwack.	Harrison river and lake. Rat Portaga	Muskoka lakes, Ont	Slocan lake	Trent ennal. Division.	St. John river and tribu- L. B. Smith, taries.	Arrow lake	Coasting
Propulsion— N.H.P. Propulsion— N. co II.P.	Scrow 108.7	Scrow	Serew	Serew 33.3	Twin scrow	Serow	Scrow 16.6	Stern wheel	Serow	Scrow 2.6	Stern wheel	Screw 3.8	Screw.,	Screw 4.1	Scrow 36
Certificato: lesuod— Expires. Certificat: Délivemoo- Expiration.	17-7-16	Not issued	14-6-16 1-5-17	26-8-16	27-6-16 28-1-17	31-7-16 29-7-17	24-4-16	20-3-17 18-3-18	Not issued	Not issued	2-8-16 26-9-16	Not issued	7-8-16 5-8-17	26-5-16 5-5-17	5-5-16
Inspectors' Initials. Initiales des inspectours.	F. X. II.	C. E. D.	J. T. G.	D. J. M.	J. E. L. P. D.	W. J. C.	V. V.	A. E. H.	II. G. R.	G. M. A.	W. J. C.	G. M. M.	C. E. D.	W. J. C.	N. A. C.
Port and Date of Inspection. Ports of dates d'inspection.	Sorel, F.Q. 15-7-16	Chatham, N.B 26-7-16	Hull, P.Q. 1-5-16	St. Peter Canal, N.S., 13-8-16	Montreal, P.Q	Victoria 31-7-16	Weymouth, N.S.	New Westminster	Hurrison Mills, B.C	Gravenburst, Ont	Slocan, B.C., 17-5-16	Washngo, Ont	St. John, N.B	Nakusp, B.C	Picton, N.S
Trade - No of Pass. Norvice - Nombre do pass.	Tug	Tug	Tug	Tug		Montreal.	Pars.	Pase, und Freight,	Тид	Yacht	Pians	Tug	Tug	Booming Tug.	Tag
Where and When Buit-Material.  Anoko et lieu da construction— Nature de la coque.	322 1909 Steel. 99 Dumbarton, G B.	13 Chatham, N.B.	10 Ottawa.	59 Cowes, G.B.	10 Barrow-in-Furness, G.B.	32 Tacoma, Warh.	29 Little River, N.S.	310 Vanconver, B.C.	164 1909 Wood	5 Kingston, Ont.	338 Roseberry, G B.	12 Hastags, Ont.	9 Central Blasville,	1904 Wood	64 1900 Steel 8 Rathergiea, G.13.
Ton-	333	23	9	50	354	1+ m	29	310	¥8	40 00	33.53	170	133	16	2.0
Name of Vessels—Olitoral No.—Port of Registry. Noms des naviree Numbros officiels—Torts d'agretrement.	Sinmac 126493 Montreal.	Sir Douglas 130989 Chatahm, N.B.	Sir Hector. 96892 Ottawn.	Sir Heary Harness 57886 Hahlan, N.S.	Sur Hagh Allan 130334 Montreal, P.Q.	Str J. J. Limited No. 10 135252 London, Eng.	Sistiboo. 130511 Wey mouth, N.S.	*keena 126212 Vansanver, B C.	Skwala 126334 Vancouver, B C.	Sky Pilot. 116542 Kingston, Ont.	Slocan. 121680 Vancouver, B.C.	Sloth 126724 Peterboro, Ont	Smith Brothers . 121839 St. John, N.B.	Smuggler 116410 Victoria, B C.	Sogenada. 125765 Montreal, P.Q.

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SESS1	ONAL	PAPER	No. 23

SES	SIUNA	IL PA	YPEH	No.	23												
and Puget Sound Nav. Co., Seattle, U.S.A.	Indian G.W. Brewster, Vancouver, B.C.	Vancouver and W. Van-West Vancouver Ferry Co., couver.	Georgian Bay Nav. Co., Owen Sound, Ont.	Demarais & Tremblay, Montreal, P.Q.	Quebee and Levis Ferry Co., Quebec.	R. C. Davis, Chicago, Ill	J. B. Smith, Tornoto, Ont.	Rupert Pacific Coast Steamship Co., New York, U.S.A.	J. J. McFadden, Reafrew, Oat.	The Sin McNaughton Line, Montreal, P.Q.	J. S. Thom, Quebee.	G. McGregor et al, Vietoria, B.C.	Dominion Coal Co., St. John, N.B.	Nanaimo Fish & Bnit Co., Nanaimo, B.C.	C. T. White & Sons, Sussex, N.B.	P. E. Ritchie, Vancouver, B.C.	Minister, Marine and Fish- eries, Ottawn.
Victoria, Seattle and ports, U. S.	Vancouver and Indian	Vancouver and W. Van- couver.	Georgian bay & North channel.	Moatreal and Pierreville Demarais	Montreal & Longueuil.	Great Lakes	Lake Nipissing	Scattle, Prince Rupert and Skagway.	Spragge and vicinity	Montreal and Quebee	Quebee harbour	Coasting	Coasting, N.B	Vancouvor and Straits of Georgia.	Coasting	Vancouver harbour	Coasting
Screw	Serew	Serew 5.4	Screw 34.6	Paddle	Paddle	Serew	Screw4	Serew	Serew	Serew 37-5	Serow	Serew	Serow	Serew	Screw_28.2	Serew 2.7	Screw 204.8
19-4-16	29-5-16 26-5-17	20-4-16	7-8-16 $1-1-17$	$\frac{16 - 9 - 16}{25 - 7 - 16}$	29-5-16 29-4-17	12-7-16 5-6-17	Not issued	14-4-16 18-1-17	Not issued	5-7-16 8-5-17	Not issued	18-8-16 13-8-17	4-10-16 18 9-17	Not issued	11-8-16	18-10-16 16-10-17	11-1-17
W. J. C.	H. G. R. H. G. R.	H C C B B B B B B B B B B B B B B B B B	E. W. MeK.	5. D. A. J. T. G.	I. A. S.	J. B. S.	W. E. J. T. G.	W.J.C.	E. W. McK.	F.X.H.		W. J. C.	C. E. D.	А. Е. Н.	C. E. D.	м. к. в. А. Е. Н.	C. E. D.
Pass, 401  Victoria, B.C	Vancouver, B.C	Vancouver, B.C	Collingwood, Ont	Montreal, P.Q	Quebec. 284-16	Buffalo, N.Y	Cullender, Ont	Seattle, U.S.A	Blind River, Ont	Sorel, P.Q	Quebec 20-11-16	Victoria, B.C	St. John, N.B	Vaneouver, B.C	St. John, N.B		Winter Mail Charlottetown, P.E.L
Pass, 401	Frt. pass 40 25 Howieh	Pass	:	Freight	Pass. frt	Pass	Tug	Freight Pa. 236	Tug	Tug	Tug	Tug	Tug	Tag	Pass. 7	Tug	Winter Mail service.
1,086 1912 Steel	19 1905 Wood 13 Vancouver, B.C.	39 Vancoaver, B.C.	296 Benton, Mieh.	224 Pierreville, P.Q.	349 1885 Wood	2,662 1914 Steel 1,427 Ecorse, Mich.	1882 Wood	2, 279 1902 Steel	12 Collingwood, Ont.	107 1893 Steel	1892 Levis	118 1907 Wood	1893 Wood 1914 St. John, N.B	41 Vaneouver, B.C.	118 1912 Wood	35 Vancouver, B.C.	305 Glasgow, Scot.
1,086	118	330	296	224	340	2,662	38	2,279 1,385	51	107	21	118	189	66	118	35	395
Sol Duc. 210138 Port Townsend, U.S.A.	Sonoma	Sonrisa 133877 Vancouver, B.C.	Soo City. 117085 Collingwood, Ont.	Soulanges 126149 Sorel, P.Q.	South S8314 Queboc, P.Q.	South American	Sparrow Toronto, Ont.	Spokane 117116 New York, U.S.A.	Spragge 134613 Sault Ste. Marie. Ont.	Spray. 100727 Montreal, P.Q.	Spray. 103145 Quebec.	Spray 122383 Vietoria, B.C.	Springhill Parrsboro, N.S.	Squid	Stadium 130623 Yarmouth, N.S.	Staffn 100677 Vancouver, B.C.	Stanley Ottawa, Ont.
ŝ	So	So	S	82	So	So	Sp	Sp	Sp	Spi	Sp	Sp	Sp	Sq	St	St	St

8 GEORGE V, A. 1918

Table I—Continued.—Tableau I—Suite.

Name and Address of Owners. Noms of adresses des propriétaires.	R. Byers, Spanish, Opt.	Nathan S. Cornell, Port Stanley, Ont.	F. E. Hall, Montreal, P.Q.	Lockport, Cold Storage, Lockport, N.S.	Grent Lakes, Cleveland Cleveland & Buffalo Transit and other ports.	Matthews S.S. Co., Ltd., Toronto, Ont.	Stolla Maris S.S. Co., Halilav, N.S.	Horne & Chown, Kingston Ont.	New York, Nild, and Italifax, S.S. Co., Liver-	Queen City Trading and Transp, Co., Victoria,	P. P. Young's Pt., Ont.	H. Thorsen, Vancouver, B.C.	Minister, Public Works, Ottawa.	G. F. Payne, Saturna Isds., B.C.	Kington and Overseas   Montreal Transp. Co., Mon-freal.
Route.	Spanish river and vi- civity.	Lake Erie.	98 Lakes and rivers.	Consting	Grent Lakes, Cleveland and other ports.	Ft. William to Father Matthews Point. Toronto,	Consting	Lakes and rivers	Halifax to New York	Vancouver and points on strait of Georgia.	Trent Valley eanal	Vancouver and straits of H. Georgia.	Montreal and Saguenay. Minister, Ottawn	Vancouver and straits of G. F. Payne, Georgia.	Kington and Oversieus.
Propulsion— N.H.P. Propulsion— N. en 11.P.	Serew.	Serew	Screw. 98	Serew 37.5	Paddle	Screw	Serew	Screw	Screw 216.1	Screw 9	Screw	Screw 13.1	Screw 42.6	Screw 16	Serew
Cortificate: Issued— Expires. Cortificat: Délivrance- Expiration.	Not issued	18-10-16	Not issued.	Not issued.	5 S-16 17-6-17	26-4-16	28-2-16	26-1-16 11-4-17	14-6-16	22 3-17 24 2 ES	14-8-16 10-8-17	10-3-17 24-2-18	Not issued	Not issued	27-3-16
Inspectors' Initials. Initiales des inspecteurs.	E. W. McK	J. B. S.	T. P. T.	N.A.C.	1 B. S.		N. A. C.	1. D	i i i	H. G. R.	TET	A. E. H.	A. S.	A. E. H.	T. P. T.
Port and Dato of Inspection. Ports of dates d'inspection.	Cutler, Ont.	Port Stanley, Ont	Trenton, Ont.	Freight and Dartmouth, N.S.	Port Stanley, Out .		Halifax, N.S	Sarnia, Ont		Vancouver, B.C.	:	Vancouver, B.C	Quebec 9-5-16	Vancouver, B.C	New-York, N Y
Trade—No of Pass. Service—Nombro de pass.	Tug	Fishing boat.	Preight.	Freight and	Pass. 135s.	Freight.	Wrecking tug.	Freight.	Parss. 250	Tog	Pass	Tag	Tug	Tug	Freight
Where and When Built—Material, Année et lieu de construction— Nature de la construction— In coque.	6 Owen Sound, Ont. 1909 Spanish river.	Wood	549 INSI Woodh 970 West Bay City, Mich.	East Roston, Mass	1, 231 1880 Iron 917 Wyandotte, Mich	1,750 1914 Steel 1,130 Sunderland, G.B.	53 London, G.B.	307 Grand Haven, Mich.	2,144 Scotstown, G.B.	17 Eagle Harbour, Wash.	156 1904 Composite. 109 Young's Point, Ont.	37 Vancouver, B.C.	Select Contract Contr	70 New Westminster.	1,231 Dumbarton, G.B.
Ton-		28	1,549	51.38	1.2	1.73	\$1 <sub>13</sub>	307	3,449	38	109	25.5	SE	100	1,955
Name of Vecesis—Official No.—Port of Registry. Nons dee navines Numéros officiels—Ports d'enregistrement.	Stanley Byers. 126870 Sault Ste. Marie, Ont.	Stanley Poster 130240 Port Stanley, Out	Stantend 134347 Montreal.	Starling Shelburne, N >	State of Ohio 125 No. Rockpart, U.S.	Steelton Sunderland, G B.	Stella Maris. Johns, Nfbl.	Stephen C, Hall. 130432 Sarna, Ont	Stephano 131350 Laverpool, Eng.	Stetson Victoria, B.C.	Stoney Lake. 111831 Peterboro, Ont.	Stormer, 133730 Vancouver, B.C.	Storm King S8683 Chatham, N.B.	Storm King. 122165 Vancouver, B.C.	Stormont. 122409 Montreal.

SESSIONAL PAPEL	B NA 22

SE	SSIO	NAL	PAP	ER N	o. 23													
Ottawa Contracting Co.,	Now Sinclair & Logan, New West-minster, B.C.	Halifax & Inverness SS., Co., Halifax, N.S.	Lorne C. Webster, Montreal. P.Q.	Can. Towing & Wrecking Co., Port Arthur, Ont.	Straits Gore & Young, Vancouver.	Parry P. Huynes, Cellingwood, se.	J. G. Elderkin, Port Gren- ville.	R. Draney, Namu harbour, B.C.	J. H. Mellennan, Vancouver, B.C.	Vietoria Tug Co., Ltd., Vietoria, B.C.		Chatbalo, N.B. The Canada Steamship Lines, Montreal, P.Q.	T. R. Melay, Namimo B C.		Clark Limited, Toronto, Ont.	Port Colborne and Port Jos. Buttle, Thorold, Out. Muitland, Ont.	Jennings & Ross, 1.td., Tor- onto, Ont.	Adam Foster, Smith Falls, Ont.
Hamilton Bay, Ont Ottawa	Fraser river at New Westminster.	Coasting	Montreal and Lake Erie.	Lake Superior	Vancouver and Straits of Georgia.	Collingwood to Parry Sound coastwise,	Gaspe harbour and bay, J.	Burke channel and shel- tered waters.	Vaneguver harbour	Coasting	Chatham to Fenyville.	Montreal and Chicon- timi	Nanaimo, Gabriola 1sd. T. and Consting.	Nanaimo and points on Gabriola 1sd. Coust-	Toronto bay	Port Colloorne and Port Muitland, Ont.		Oswego and Ottawa
Scrow 4.8	Screw	Serow 24	Screw_32	Serew 79-23	Serew 10.7	Serew53	Serew	Screw. 8-4	Serew. 10-1	Screw	Paddle	Twin serew	Serew	Serew	Tw. Ser. 4-2	Screw 10.8	Screw 16.6	Scraw 4.8
Not issued	28-3-17 28-2-18	29-1-16		20-5-J6 8-5-17	14-8-16 9-8-17	Not issued	Not issued	9-6-16	30-9-16 26-9-17	20-6-16 18-6-17	1-8-10	28-7-16 28-7-16 23-6-17	Not issued	Not issued	Not issued	17-6-16	Not issued.	12-5-16 $1-5-17$
J. B. S.	A. E. H.	D. J. M.	W. J. V.	J. D	P. D. A. E. II.	E. W. MeK.	J.A.S.	H. G. R.	A E. H.	B. M.	C. E. D.	F. X II	W.J.C.	W.J. C.	G M.A.	J. B. S.	J. B. S.	T. P. T. F. X. H.
Hamilton, Ont	New Westminster	Halifax, N.S	Toronto, Ont	Port Arthur, Ont 8-5-16 Montreal, P.Q.	Vancouver, B.C	Collingwood, Ont 31-7-16	Quebee, P.Q. 21-6-16	New Westminster	Vancouver, B.C.,	Vietoria, B.C.	Chatham, N.B	Sorul, P.Q. 23-6-16	Namaimo, B.C 17-11-16	Nanaimo, B.C. 17-11-16	Toronto, Ont	Thorold, Ont	Toronto, Ont.	Kingston, Ont.
Tug	Tug	Pass. & frt. 20	Tug	Freight.	Tug	Fishing boat	Тик.	Tug	Tug	Tug	Ferry pass	Pass	Тик	Tug. pass	Prt	Tug	Tug	Preight
41 1909 Wood 28 Port Maitland, Ont.	21 1895 Wood	135 1909 Wood 81 Mahone Bay, N.S.	71 Owen Sound, Ont.	1,707 1881 Wood	44 1901 Wood 30 Ladner, B.C.	6 1904 Wood 4 Menford, Ont.	27 1911 Wood	36 1893 Wood 25 Victoria, B.C.	21 Vancouver, B.C.	42 Vancouver, B.C.	71 1884 Wood	2, 105 1911 Steel 1, 469 Collingwood, Ont.	11 1913 Wood	14 1908 Wood 9 Refreat Cove, B.C.	75 1911 Composite 51 Toronto, Ont.	32 Detroit, U.S.A.	19 West Bay City.	75 Smith Falls, Ont.
												55-						
Stornowny Catharines,	Stranger New Westminster	Strathlorne 20 126138 Halifux, N.S.	Stuart W. 138096 Montreal, P.Q.	Superior. 80908 Port Arthur, Ont.	Superior. 111991 Vancouver, B.C.	Surety Collingwood, Ont	Susie Purraboro, N.S.	Swan 100792 Victoria, B.C.	Swan 122340 Vancouver, B.C.	Swell. 130882 Victoria, B.C.	Sybella H. 85697 Chathum, N.B.	Syracuse. III964 Picton, Ont.	T. and B 133845 Vancouver, B.C.	T. R. 126629 Vuncouver, B C.	T. J. Clark 126338 Toronto, Ont.	T. F. Battle. 126092 St.Catharines,Ont.	T. F. Jarmin 112327 Cellingwood, Ont.	T. J. Wuffles. 130767 Kingston, Ont.

TABLE 1-Continued.—TABLEAU I—Suite.

											0 0	12011	OL V,	7. 10	10
Name and Address of Owners, Noms et adressed des propriétaires.	W. E. Lawlor, Hawkesbury Ont.	Canada Steamship Lines Montreal.	Richard Smith, Vancouver B.C.	Grant, Smith & McDonnell, Victoria, B.C.	White Star Line, Detroit, Mich.	W. Fraser, Little Carrent Ont.	Can, Pac. Ry., Montreal, P.Q.	George Gordon, Sturgeon Falls, Ont.	Thos. J. Mullin, Chas. McCarthy and John Mallin Hailovhory, Ont.	Northern Fish Co., Solkirk, Man.	Midland, Penetang, Port J. B. Hanley, Midland, Ont. McNicoll and Parry Sound, Ont.	Straits Evans, Coleman and Evans, Ltd., Vancouver, B.C.	Packers Steamship Co. Ltd., Vancouver, B.C.	The St. Lawrence Nuv. Ri- chelieu, Montreal.	Western A. Kennedy, Mestord, Out.
Routo.	Rivers and canals	Montreal-Chicontimi	Vancouver larbourB.C.	Coasting	Detroit river	Wingfield Basin and vici- W. Fraser, nity.	Victoria and Holborg	Lake Nipissing	Lake Timiskaming	Lake Wineipeg	Midland, Ponetang, Port McNicoll and Parry Sound, Ont.	Vancouver and Straits of Georgia.	Fraser tiverVancouver und Straits of Georgia.	Montronl-Richelieu	Meaford Tand Western Jalanda,
Propulsion— N.H.P. Propulsion— N. en H.P.	Serew	Paddle	Screw 13	Scrow41.6	Pnddle	Screw., 1.87	Scrow 97.9	Puddle,	Serew	Screw 10.5	Screw 13	Scrow 33.6	Screw 9.1	Paddle	Screw 13.5
Certificate: I-secod— Expires. Certificat: Délivrance- Expiratios.	. Not isneed.	13-5-16 12-4-17	20-7-16 17-7-17	6-7-16	24-6-16 25-5-17	Not issued	30-7-16	Not issued	Notissard.	27-5-16 23-5-17	Not issued.	1-8-16 10-6-17		24-5-16 27-4-17	Not issued. Screw 13.5
Inspectors' Initials. Initiales des inspectours	J.T.G.	F.X.H.	F. D. A. E. H.	W. J. C.	J. D.	W. E. E. W. McK.	B. W.	S. M.	J.B.L.	G. P. P.	G. M. A. S. D. A.	А. Е. И.	A.E.H.	л.е.н. F. х. н.	F. W. MeK
Port and Date of Inspection. Ports et dates d'inspection.	Hawkesbury, Ont		Vancouver, B.C			24-6-16 Lions Head, Ont 10 S-16	Victoria, B.C.	nt	Haileybury, Ont	Selkirk, Man. 23-5-16	Midland, Ont	Vancouver, B.C.	New Westminster, B.C. 5-4-16 2nd inspection. Vancouver, B.C.	Sorel 27 4-16	Fishing tug. Mealord, Ont
Trade—No of Pass.	Fug	Freight	Tug	Passi 17 Tug.	Pnss	Tug.	Freight	Warp tog	Tug	Tug	Pade	Tug	Tug	Pass 350 Freight	Fishing tug.
Where and When Built—Material. Annow et lieu de construction— Nature de la coque.	2	1910 Montreal, P.Q. 1879 Iron. Wilmington, Dol.	1905 Wood	1906 SteelBowling, Eng.	1900 Steel	1895 Wood.	1893 Steel Stockton, Eng.	1903 Wood	1898 Composite . Toronto, Ont.	Day.	1996. Selkirk. 1892. Wood. Detroit, U.S. 1915 partially rebuilt,	Midland, Ont. 1883 Steel. Blackwall, Eng.	1911 Vancouver, B.C. 1901 Wood Vancouver, B.C.	1895 Sterl	31 IS99 Wood
Ton-	138	1701	85	133	1345	10	679	:	20.01	27	16	37	62 01 46 00	320	3I 18
Name of Vessel—Official No.—Port of Registry. Nome des navires— Numbres officiels—Ports d'eoregistrement.	T. Osbarne	Tadogeao Montroel.	Takara Maru 121770 Vancouver, B.C.	Tartar 134335 Vancouver, B.C.	Tashmoo Detroit, Mich.	Tecumseh	Tees 93925 Victoria, B.C.	Temagami (Not registered.)	Temacami 107384 Torosto, t'nt.	Tempest I12299 Winnipeg, Man.	Fenno 107430 Brockville, Ont.	Tepio. S7180 Vancouver, B.C.	Terra Nova III546 Vancouver, B.C.	Terrebonne 103336 Montreal.	The Belle Ont.

C E	221	1 D	APER	No	23

SE	SSIO	NAL	PAP	ER I	No. 2	3													
Morgan Bros., Port Stanley, Ont.	Minister of Marine and Fisherics, Ottawa.	B. Y. N. Co., Ltd., Victoria, B.C.	Vancouver and Ports in, J. H. White, Sardis, B.C. B.C.	Algoma Central and Hudson Bay, river, Sault Ste.	North Rixon Ainslie and Stoddart Co. Ltd., Owea Sound,	Ont. Minister Marine and Fsh- orics, Ottawa, Ont.	Thousand Island Steamboat Co., Cape Vincent, N.Y.	Lake Public W. Dept., Ottawa.	Donald S.S. Co., Montreal, P.Q.	Jos. Menicha, Kenora, Ont.	R. Simpson, Arrowhead, B.C.	Hamilton bay E. shore, The Windsor Dredging Co., Windsor, Ont.	and Togo Steamship Co., Hali- fax, N.S.	Richards Mfg. Co., Campbellton, N.B.	Great Lakes Transp. Co., Midland, Ont.	Shelvin Clark, Ft. Frances. Ont.	and Cyrus W. Pech, Vancouver, B.C.	Richelieu and Ontario Nav. Co., Montreal.	E. Clark, Sturgeon Falls, Ont.
Lake Eric	Coasting	Yukon river	Vancouver and Ports in, B.C.	Lakes and rivere	Georgian Bây & North Channel.	St. John river	Cape Vincent and Og-	North Shore of Lake Superior,	Foreign going	Lake of the Woods	Arrow lakes	Hamilton bay E. shore.	Halifax harbour and Coasting.	Restigouche river	Father Point and Duluth Great Lakes Midland, On	Rainy river and lake	Prince Rupert and Georgetown,	Toronto-Prescott	Lnke Nîpissîng.
Screw 13.1	Screw 20.2	Stern wheel	Screw 19.5	Screw	Screw 30.8	Screw	Twia screw	Screw. 8.6	Screw 106.3	Screw8	Screw2	Sorew6.53	Screw 32.6	Paddle	Screw 88.8	Twinserew	Screw 12	Paddle	Serow. 1-2
13-10-16 20-9-17	Not issued.	Not issued.	24-3-17 22-3-18	27-4-16	23-9-16 18-9-17	Not issued	19-8-16 21-6-17	Net issued.	18-10-16 17-10-17	9-5-16 9-5-17	26-5-16 7-5-17	Not issued	30-6-16	21-10-16 29-8-17	20-4-16 17-4-17	30-6-16	25-5-16 22-5-17	24-6-16 30-9-16	Not issued.
J. B. S.	N. A. C.	H. G. R.	A. E. H.	E. W. McK.	S. D. A E. W. McK.	S. D. A C.E.D.	T. P. T.	W. J. V.	N. A. C.	G. P. P.	W. J. C.	J.B.S	N.	A. MeD. C. E. D.	W. J. V.	G. F. F. W.J. V.	A. E. H.	1. B. S.	v. E.
Fishing boat Port Burwell, Ont	Halifar, N.S. 28-4-16	White Horse, Y.T	Vancouver, B.C.	Collingwood, Ont	Owea Sound, Oat	St. John, N.B. 6-9-16	Kingston, Ont.		Walton, N.S. 17-10-16	Kenera, Ont.	Arrowhead, B.C 8-5-16	Pert Dalhousie, Ont		Campbellton, N.B	Fort William, Ont	:	Prince Rupert, B.C 23-5-16	Torento, Ont.	Sturgeon Falls, Ont
Fishingboat	Naval boat.	Tug	Mission Steamer	Freight	Pass 16 Tug	Yacht	Pass	. 50	Pass. 40 Freight.	Tug Fish	Tug	Tug	Tug. 100 Pass.		Freight	Alligator tug.	Tug	Pass	Tug
50 1911 Wood	North Shields, G.B.	1902 Wood	Ig12 Wood	1910 Steel	1899 Wood Owen Sound, Ont.	31 1904 Wood	1912 Steel. Toledo, Ohio.	1887 Wood Poughkeepsie, N.Y.	1912 SteelBlyth, Eng.	Igil Wood	Port Simpson, B.C.	34 1908 Wood 26 Sandwich, Ont.	1994 Wood Dartmouth, N.S.	1907 Wood	1910 Steel Newcastle-on-Tyne.	13 Fort Frances, Ont.	1903 Steel Victoria, B.C.	2779 1898 Steel 1652 Toroato, Ont.	8 1898 Wood6 Toronto, Ont.
	79	224 152	116	2201 1664	107	C3 C1	355 242	222	1457 794	10	14	80	97	323	$\frac{1692}{1036}$	1 2	34	2779 1652	80
The Morgan 130235 Port Stanley, Ont.	Thirty-Three Ottawa, Ont.	Thistle. S 107867 Dawson.	Thomas Crosby 131147 Vancouver, B.C.	Thomas J. Drummond 126863 Sault Ste. Marie.	Thomas Maitland. 107595 Owen Sound, Ont.	Thomas Mason 133755 St Joha, N.B.	Thousand Islander	Thyra. 116755 Toronto, Oat.	Thyra Menier 127100 Montreal, P. Q.	Tig	Tillicum 122535 Vancouver, B.C.	Tim Healey	Togo. 116741 Halifax, N.S.	Togo. 122492 Chatham, N.B.	Toller 129767 Kingston, Ont.	Tommy Mathicu	Topaz. 122162 Vancouver, B.C.	Toronto 107412 Torento, Ont.	Torpedo. 103688 Toronto, Ont.

TABLE I-Continued.—Tables I-Suite.

	8 GEORGE V, A. 1918
Name and Address of Owners. Norm et adresses des propriétaires.	Roseport and vieinity Inc., Paulmart, Roseport, Victoria, Vancouver and C. S. Baxter, Victoria, B.C. Party Sound and Mid-Playtair-Press and Co., Midland, Ont.  Windsor and Detroit Wabash Railway Co., Detroit, Midlakes and rivers Russell Timber Co., Port Arthar, Ont.  Okanagan lake Boat Co., Port Okanagan lake Boat Co., Nariamata, B.C.  Toronto bay Okanagan lake Boat Co., Northar, Ont.  Onto Ferry Co., Toronto, Ports.  Montreal Trois Rivières Canada S.S. Lines, Montreal. Lake Outario Chanada S.S. Lines, Montreal. Lake Outario
Routo.	Roseport and vie Victoria, Vancou Parry Sound an Isand.  Windsor to Detre Windsor to Detre Windsor and Det All lakes and riv Okaangan lake  Toronto bay  Toronto bay  Connelian and ports.  Camelian and ports.  Vancouver and ports.  Vancouver and ports.  Vancouver and ports.  Lake Obtario
Propulsion— N.H.P. Propulsion— N. en II.P.	Serew 1-2 Serew 10.7 Serew 11.3 Paddle Serew 11.8 Serew 11.8 Serew 11.1 Paddle 11.4 Paddle 2 Serew 170
C rtificato: lasued— Expiros. Cortificat: Délivrance Expiration.	29-7-16 Serew 20-1-17 Serew 20-1-18 Serew 25-9-17 Paddle 17-4-18 Paddle 21-6-17 Paddle 21-6-17 Paddle 13-7-6-16 Serew 25-5-16 Serew 25-6-17 Paddle 13-7-16 Paddle 25-6-17 Serew 25-6-18 Serew 29-6-19 Serew 29-7-11 Serew 29-7-11 Serew 29-7-16 Serew 29-7-17 Serew 29-7-18 Serew 29-7-17 Serew 23-9-16 Serew 23-9-16 Serew
Inspectors' laitials. Initiales des inspecteurs.	M. J. V. W. J. C. S. D. A. A. W. J. V. W. J. C. S. D. A. A. W. J. C. S. D. A. A. W. J. C. S. D. A. A. W. E. S. W. J. C. S. W. E.
Port and Date of laspection, Ports et dates d'inspection,	2004. 1904.
Trado—No. of Pass. Service— Nombre de passe.	Freight Victoria, Pass Midland, Jo. 2 ad Car Ferry Ecorse, ' Railway ear Detroit, ferry. Tag Port Art Freight Port Art Freight Port Art Freight Port Art Freight Toronto, J. Pass. Yet Sorel, P. Freight Toronto, Freight Hulifax, Freight Sydary, Freight Sydary, Freight Sydary, Freight Sydary,
Where and When Built—Material. Année et lien de construction— Nature de la coque.	1907 Woxd   180
Ton-	111 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Name of Vessels—Official No.—Port of Registry: Noms dea naviree— Numéroe officials—Ports d'enregistrement.	Torpy.  Trader 107838 Victoria, B.C. Trader S 126556 Midland, Opt. 126556 Midland, Opt. 126556 Midland, Opt. 126551 Grosses Point. Transport 145211 Grosses Point. Transport 145211 Grosses Point. Transport 14521 Grosses Point. Transport 126533 Toronto, Ont. Trumph 126535 Montreal. Trumph 125657 Grinnsby, G B Trumph 125067 Grinnsby, G B Trumph 106508 Montreal, P. Q. Turret Coort. 106508 Montreal, P. Q. Turret Crown 11204 Universal Ont

SI	ES	SI	0	NΑ	1	PΑ	PF	R	No.	23

SESS	IONA	L P	APEF	R No.	23													
Lahave, N.S. Co., West	II. Allan, Peterboro, Ont.	II. W. Ansley, Port Dover, Ont.	B. C. Paekers Steamship Co., Vancouver, B.C.	Public Works Dept., Ottawa	Dredging Dock Co., Toronto, Ont.	Morden Transit Co., Mid- land, Ont.	Henry Carriere, Monte Bello P.Q.	Rockhaven Hunting and Fish Club.	J. R. Wiser, Prescott, Ont.	Jos. LeBlanc, Fassett, P.Q.	Lake Commerce Ltd., Toronto, Ont.	Can. Pac. Ry., Montreal, P.Q.	Bridgetown S.S. Co., Bridgetown.	J. L. Phillips, Mira, N.S.	<ol> <li>H. Fernside, Hamilton, Ont.</li> </ol>	Minister Marine & Fisheries, Ottawa.	Minister, Publia Works, Ottawa,	D. Smith, Toronto, Ont.
Lahave & Bridgewater Lahavo	Trent canul	Lake Eric	Kivers Inlet, B.C	Coasting	Trent canal	Sault Ste. Marie and l'Quebee.	Monte Bello and Alfred	LeHoodie lake	River St. Lawrence	Fassett-St. Thomas	Pt Colborne & Duluth	Kootenay lakes	Bridgetown and St. John.	Mira River	Burlington bay	St. Lawrence river	Red River	Georgian bay and coast. D.
Serew 28-2	Screw4	Serew 9.3	Serew 10.7	Sorew 85.2	Screw	Serew 46.2	Paddle.	Serew	Screw 6	Serew. 2.2	Screw 147	Screw 36	Serew 18.4	Serew 7.5	Twin serew	Twin screw	Serew 20.2	Screw 5.7
25-1-17 24-1-18	28-7-16 10-7-17	2-8-16 22-7-17	16-6-16 9-6-17	Not issued.	21-10-16	4-5-16 27-4-17	21-6-16 $22-6-17$	26-10-16 26-10-17	14-6-16 6-6-17	Not issued.	20-4-16	29-5-16 11-5-17	25-7-16 $10-7-17$	7-8-16	$\begin{array}{c} 22 - 5 - 16 \\ 22 - 5 - 17 \end{array}$	Not issued	9-5-16 4-5-17	3-10-16
N. A. C. A. McD.	T. P. T.	J. B. 3.	A. E. H.	N. A. C.	T P.T.	J. B. S.	1. 16. L.	C.E.D.	T. P. T.	F. 18. C.	W. J. V.	W. J. C.	N. A.	A. MOD.	J. B. S.	F. X. H.	G. P. P.	E. W. McK.
Bridgewater, N.S 21-17 8-4-16	2nd inspection. Peterboro, Out	Port Dover, Ont	Rivers Inlet, B.C 10-6-16	Halifax, N.S 30-1-17	Bradleys Bay, Ont	N. Tonawanda, N.Y	Monte Bello, P.Q	Vancebore, Me	Prescott, Ont	Fassett, P.Q. 22-6-16	Fort William, Ont	Kootenay Ldg	Bridgetown, N.S.	Mira Gut, N.S	Hamilton, Ont.		Selkirk, Man	Oweo Sound, Ont
Pass 130 Tug.	Yacht	Fishboat	Tug	Cable Gov.	Tug	Freight	Ferry boat.	Yacht	Yacht	Ferry 10	Froight	Tug pass	Pass and frt.	Fishing tug	Ferry	Tug	Tug	Yacht
i51 1916 Wood 67 Luncoburg, N.S.	1905 WoodPeterbaro, Ont.	Port Dover, Ont.	1814 Fort Dover. 1899 Wood New Westminster.	038 1869 Iron	15 Peckskill, N.Y.	1884 Wood Dresden, Ont.	1915 Wood	1888 Wood Brower, Me.	1896 Bristol	1912 WoodFassett, P.Q.	1903 Steel		117 1911 Wood	23 Mira Gut, N.S.	280 Quebec, P.Q.		134 1914 Wood	21 Toronto, Ont.
		222	88	-	817	399	13	10	35.55	10	at 2,250		-:	:	411			:
Tussle	Tuttsy. 111885 Peterboro, Ont.	Two Friends. 100627 Port Dover.	Tyee Vancouver, B.C.	Tyriab 80459 Ottawa, Ont.	na 107370 Toronto, Ont.	United Lumberman 85707 Wallaceburg, Ont.	Urgel 138061 Ottawa, Ont.	103262 St. John, N.B.	acuna. 107684 Prescott, Ont.	a Et Viens.	Val Cartier Out 2,250 Clevela	ValhallaB.C.	Valinda	alinda II	Valley field	Varennes. 133907 Sorel, P.Q.	Vaughn. 134258 Winnipeg, Man.	enetta. 107709 Toronto, Ont.
Tussle 137884	Tuttsy	Two Fri 100627	Tyee	Tyriab. 80459	Una 107370	United 85707	Urgel	Vacuna 103262	Vacuna. 107684	va Et Viens. 131139 Ot	Val Car 116573	Valhalle 111541	Valinda 130244	Valinda 11 134524 S	Valley 6 69595	Varenne 133907	Vaughn. 134258	Veretta 107709

## TABLE I—Continued.—Tablear I—Suite.

										7	GEO	ORGE	. V,	A. 19	917
Name and Address of Owners. Nome of Adresses des propriétaires.	Union S.S. Co., Vancouver.	W. U. Cline, Massena, N.Y. J. S. Thom, Quebec, P.Q.	Laka of the Woods Milling Co., Kenera, Ont.	Minister, Marine & Fisheries Ottawa.	C. Ross et al, Dunnville,	St. Maurice Contracting Co., Three Rivers, P.Q.	W. H. Comstock, Brock-ville, Opt.	Humm & Perry, Cambridge, N.B.	Northern Fish Co., Win- nipeg, Man.	Richards Mfg. Co., Campbellton, N.B.	Windsor Ferry Co., Do-	Victoria Nav. Co., Ottawa, Ont.	Montreal-Pt. Fortune A. Mallette, Rigaud, Oct.	G. A. Davis, Smith Falls, Ont.	D. Sullivan, Blind River, Ont.
Route.	Vancouver and Prince Union S.S. Rupert.	Cornwall & Massena	Lake of the Woods	St. Lawronce river	Lake Eric	St. Maurice river		St. John river	Nelson river	Restigouche river	Windsor & Detroit	Ottawa-Thurso	Montreal-Pt. Fortune	Smith Falls and Rideau G. A. Davis, Lakes.	North channel and lake D. Sullivan, Iluron.
Propulsion— N. 11. P. Propulsion— N. en 11. P.	Twin screw	Screw 2.7 Screw 3.3	Screw	Scr6W 24.7	Screw 4.8	Paddle	Screw 10.7	Screw4.6	Screw 3.3	Screw8	Screw 26.6	Screw_16.7	Screw	Screw 9-4	Screw 13.5
Certificate: Issuad— Expires. Certificat: Délivrance	23-2-17	10-0-16 17-5-17 Not issued	11-5-16	Not issued	Not issued	Not issued	14-6-18 2-6-17	5-10-18	27-5-16 23-5-17	21-10-16 29-8-17	19-10-16 23-9-17	22-5-16 16-5-17	13-5-16	25-8-16 15-5-17	25-9-16
Inspectors' Initials. Initiales des inspecteurs	A. E. 11.	T. P. T. M. R. D. J. A. S.	G. P. P.		r. A. B.	EXE	T. P. T.	C.E.D.	G. P. P.	C. E. D.		P. D.	J. T. G.	T. P. T.	E. W. McK.
Port and Date of knapection. Ports et dates d'inspection.	Vancouver, B.C	Cornwall, Ont	Keewatin, Man	Sorel, P.Q. 12-4-18	Dunnville, Opt	Latoutre, P.Q30-8-16	Morristown, Ont	St. John, N.B	Selkirk, Man	Campbellton, N.B	Ferry Pass. Detroit, Mich	Ottawa, Ont.	Montreal, P.Q. 12-5-16		Fishing tug. Meldrum Bay, Ont
Frido-No of Pass. Service- Nombre do puss.	Freight	Pass. 100 Tug	Pass, tug	Tug	Fishing tug.	Tug	Yacht	 24 25 31	Tug	Tug	Ferry Pass.	ass. frt	Pass, Irt	Page.	Fishing tug.
Where and When Built Material. Année et liou de construction-Nature de la coque.	1,011 1910 Steel Scot.	66 1913 Wood  45 Massena, N. Y. 1916 Massena. 36 1009 Wood 22 Lauzon, Que.	73 1907 Wood	1906 Wood	23 Port Stanley, Ont.	52 Grande Piles, P.Q.	26 Manitawa, Mich.	Cambridge	26 1906 Wood 18 Tologan. Man.	29 Chatham, N.B.	116 Detroit, Mich. 194	181 1899 Wood	1896 Sorel.	58 1900 Wood	25 Goderich, Ont.
Ton- nage.	1,011	5.0 P.5.	1y	1-	28	00 80 1-01	946	217	26	29	192	181	153	88.04	76
Name of Vessels—Official No. Port of Registry. Norms des navires— Numéres officiels—Ports d'enegistrement.	Venture. 129475 Victoria, B.C.	209930 Massena, N.Y. 209930 Massena, N.Y. 126354 Quebec, P.Q.	Verbena 112601 Kenora, Ont.	Vercheres	Verda Bell. 121956 Port Stanley, Ont.	remillion. 126387 Quebec, P.Q.	Verson Jr. 107433 Brockville, Ont.	39 St. John, N B.	3 Winnipeg, Man.	S Chatham, N.B	Detroit, Mich .	S Ottawa.	Victoria 116666 Montreal, P.Q.	Victoria 107746 Brockville, Ont.	Victoria A. 116365 Goderich, Opt.
no. 7. Z.	Venture	Vers T. 126354 C	Verben 11260	Verche 13395	Verda 12195	Vermillion.	Vernon 10742	Veta	Victor	Victor 96725	Victoria 25868	Victoria 107408	Victori 11666	Victori 10774	Victori 11636

SESSIC	NAL	PAPE	R N	o. 23													•
Stew-Sidestreams Nav. Co., Dawson, Y.T. r and R. Bailoy, Vancoavor, B.C.	Minister of Marine and Fisheries, Ottawa, Ont.	Deer Island S.S.Co., Campo-Bollo, N.B.	Frances J. Drake, Kingston, Ont.	Canadian Towing & Wrecking Co., Port Arthur, Ont.	Sincennes McNaughton Co., Montreal.	and Keen & Millman, Blind River, Ont.	E. S. Pratt, Parry Sound Ont.	Vancouver and straite of Brunette Saw Mill Co., New Goorgia,	Hornce Dery, Mistassin, P.Q.	Stur-Jannes Horrigan Co., Port Arthur, Ont.	Alban Robineau, Montreal, P.Q.	Algoma Central & Hudson Bay, Ry., Sault Sto.	Thos. Longworth, Steelton, Ont.	St. Laweence & Chiengo S.Nav.Co.	Messrs. Jackson, Seaforth, Ont.	Blind River aed vicinity North Channel Towing Co., Cutler, Ont.	Dominion Fish Co., Winnipeg, Man.
Stern wheel! Yukon river and Stew- 5-4 art River. Screw	Lake Eric.	St. John river	Bay of Quinte	Graad river, Pto. Mait- land and Dunville.	Montreal-Kingston	Cockburn Island and Tlessalon, Oat.	Phrry Sound, Poiat au E. Baril and Pepetang.	Vancouver and straite of Georgia.		Port Arthur and Stur- geon Bay.	Montreal and lake ports. Alban Robineau, P.Q.	All lakes and rivors	St. Mary river	All upper lakes and rivers.	Three Rivers and Grondines.	Blind River aed vicinity	Filot harbour, Batcha-Dominion Fish wann and vicinity.
Storn wheel 5.4 Screw	Twin scrow	Scrow	Serew 1.7	Screw 10.9	Scrow 66.6	Screw 3.3	Scrow 8.4	Scr8w	Serew2.1	Scrow	Serow	Serew	Scrow	Scrow	Serow	Sorow	Serow.
14-7-16 30-10-16 9-3-17 20-1-18	28-4-16 10-4-17 31-3-17	26-3-18 10-10-16 22-9-16	13-10-16	29-5-16 27-5-17	20-6-16 1-8-16	Not issued	Notissued	15-2-17 10-2-18	Notiesned	19-6-16 16-6-17	6-5-16	24-4-16	Not issued	28-4-16 18-4-17	6-7-16	25-9-16	Not issued
Н. С. К. Н. С. К.	J.B.S.	C.E.D.	W. K. D. T.P.T.	J. D.	F. X. H.	E. W. McK.	G.M.A . S.D.A.	A. E. H.	J.A.S.	W.J.V.	J.E.L. P.D.	G. M. A.	S. D. A. E. W. MeK.	G. M. A.	S. D. A. F. X. II	E. W. McK.	E. W. McK.
Dawson, Y.T. 12-7-16 12-7-16 Vancouver, B.C.	Port Dover, Ont	St. John, N.B. 22-9-16	Belleville, Ont.	Toronto, Out	Sorel, P.Q1-5-16	Fishing tug. Thessalon, Ont	Parry Sound, Ont	Sapperton, B.C	Roberval, P.Q	Port Arthur, Ont	Montreal, P.Q	Tiffin, Opt	Spult Ste. Marie	Midland, Opt.	Sorel, P.Q. 1-5-16	Blind River, Ont	Fishing tug. Sault Sto. Mario
Frt. pass Dawson, Tug Vancouve	Govt. cruiser.	Pass. frt	Tug	Tug	Tug	Fishing tug.	Puss	Tug		Tug	Freight	Frt	Tug	Freight pass. 10.	Tug	Tug	Fishing tug.
254 1838 Wood 160 St. Michael, Y.T. 1911 Lake Lo Barge 29 1890 Wood 7	336 1904 Steel	128 1891 Wood 87 Asthabula, Obio.	5 Kingston, Out	34 1961 Wood 19 Owen Sound, Out.	146 1875 Wood89 Philadelphia, Pa.	52 Drummond 18d., Out. 1910 Thessalon,	94 1895 Steel 36 Montreal, P.Q.	52 New Westminstor.	13 1913 Wood 16 Mistassini, P.Q.	32 Port Colberne, Ont.	13 1892 Wood	2,036 Wyandotte, Mich.	13 1905 Wood 9 Echo Bay, Ont.	3,965 1963 Steel 2,450 Collingwood, Oat.	31 Wallaceburg, Opt.	42 Erie, Pa.	
Vidette. 107869 Dawsoo, Y.T. 11 Vigilant. 111594 Vaρcouver, B.C.	Vigilant 33	Viking. 193136 St. John N.B.	Viper 107740 Kingston, Oat.	ot.	Virginia Montreal, P.Q.	Vixen. 71228 Sault Sto. Mario	Voyageur. 103553 Midland, Ont.	Vulcao. 107925 New Westminster	W. II. D. 138134 Quebsc, P.Q.	W. A. Rooth. 96858 Port Arthur, Ont.	W. B. Morley 1,913 138093 Montreal, P.Q. 1,087	W. C. Frans. 3,45 136775 Sault Ste. Marie. 2,0	W. D. Brock. 117636 Sault Ste. Mario.	W. D. Matthews 3,91	W. F. McRao.	W. H. Seymour. 111810 Sault Sto. Mario.	W. H. Siobold 90763 Goderich, Opt.

Table 1 - Continued.--Tableau 1 - Suite.

Name and Address of Owners. Nome at adresses des propriétaires.	Jonn Maloncy, Fort Arthur, Ont.	Bermingham & Forrest, Goderich, Ont.	W. L. Murphy, Pembroke, Ont.	Price Bros & Co., Quebre	Western Drydork & Ship- building Co., Port Atthur,	D. Rudderham, North Sydney, N.S.	Upper Ottawn Improvement (o., Ottawa.	N.S. Skeel & Conl Co., New Glusgow, N.S.	W. B. Burgovne & Sons, Fencton Falls, Ont.	Lines Mont-	C. Berk Mfg. Co., Penutang, Ont.	E. W. Campball, Ottawa, O		[H. Conn & Sons, Yarmouth, 'N.S.	191	8
lkouto.	Thunder bay	Conferiel and vicinity.	Pembroke-Albanetto Isd.		All lakes and rivers	Halifax harbour	Lake Timiskuning	Sydney harbour	Trent Valley canal	Father Point & Doluth, Canada 8.8, real, P.Q.	Georgian hay	Ottawn and Cars		Scrow Coasting		_
Propulsion— N.H.P. Propulsion— N. en H.P.	Seriew 5.6	Serew 37-5	Serew. 4-8	The second	Serew. 210-7	Screw	Paddle	Screw	Serew 6	Scrow	Scrow. 37.5	Screw8.1		Scrow		
Certificate: Issued— Expres. Certificat: Délivrance— Expiration.	20 TO 16 17 TO 17	21-43	28 N-16 11 5 17	Vot issued	25, 1, 16, 17, 17, 17	5 6-16 1 5 17	31-5-16	26-8-16 3-8-17	28 S 16 10 7 17	24-1-16 S-4-17	Not issued.	25-5-16 16-5-17		26-6-17		_
Inspectors' Initials. Initials	H. J. V.	J. D.	1. 12. 12.	AL AC 17.	77.75	D. J. M	J. E. L.	D.J. M.	T. P. T. W. E.	M. J. V. G. P. P.	G. M. A.	7. T. G P. D			N.A.C.	N. A. O.
Port and Date of Inspection. Ports of dates dates dates	Eashing tug Pert Arglun, Out	Coderich, Ont.	Pembroke, Ont.	Quebec, P.Q.		Halifax, N.S.,	North Tourscareing, Ont.	North Sydney, N.S	cuclon Falls, Ont . 3-8-16	:	Panetang, Ont	Ottawa, Ont. 16-5-16 16-5-16		N 35 dney, N.S		Narmouth, N.S.
Trade - No of Pass. Service- Nombre de pass	Fishing tug	Tug.	lerry .	70.1	Frt. pues. 10	Tug	Tuk	Tug	Passes.	Freight	Tug	Pass, and freight	40	Fishing		
Where and whee Built Material.  Année et lieu de construction Naturo de la coque.	19 Cinteriol, Ont.	St Godench, Ont.	1912 Wood . Pembroke, Cut.	30 Sult an Month, 1.Q.	Spill 1914 Steel, 6,086 Port Arthur, Unt.	59 IS90 Mard	77 1912 Stock. 38 Timiskaming, Ont.	12 New Glasgow, N.S.	22 Paterboro, Ont.	1,554 1903 Steel	53 1904 Wood	44 Kingston, Ont.	1915 Toronto, Ont.	32 Sholburne, N.S.	2nd mspection.	2nd inspection
Tog-	6.2	52	7.2	50	6.0%	50.25	1= 60	21.2	88	1,551	153	54		63 63		
Name of Vessels - Official No - Port of Registry. Norsa des navines Naméres ofticols—Ports d'enegistrament.	W 1 Fumerson. 197133 Goderich, Ont.	W. I. Forraction, Ont	W. L. Murphy 1 Hill Oliana, Ont	W R Clirks D	W Grant Mor len 134015 Port Virhur, Cont.	Wm. Wentherspoon 94597 Sydney, N.S	Nahis 130841 Ottawa, Ont.	Wabana 100702 Pictou, N.S.	Wacouta 116533 Lindsay, Ont.	Wahcondah 102577 Hamilton, Ont	Wahnapitae. 116734 Toronto, Ont.	Wanakowun 128483 Kingston, Ont.		Wands. Shelburne, N.S.		

SE	SSIO	NAL	PAP	ER N	No. 2	3													
Mrs. T. Eaton, Toronto, Ont.	Presbyterian Mission, Kennora, Ont.	A. A. Agar, Barks Folls, Ont.	Mrs. C. A. Waring, St. John, N.B.	A. W. Adams, St. John, N.B.	Montreal and Kingston., Ontario & Quebec Nav. Co., Picton, Ont,	Jadge Bros., Halifax, N.S.	Georgian Bay Lumber Co., Wanbaushene, Ont.	Northern Nav. Co., Collingwood, Ont.	White Star Line, Detroit, Mich.	Wm. Watts & Sons, Colling-	Wm. McKenzie, Toronto.	II. W. Ansley, Port Dover,	Ont, America-Canada Ferry Co., Buffalo, N.Y.	Rat Portage Lumber Co., Kenora, Ont.	J. II. Hall, Ottawa, Ont.	& Westham Steamshipt'o. Ltd Vanconver, B.C.	David Eligh, Burrits Rapids Rapids, Ont.	West Confin District Vancouver.	Inter American Steamship Co., Ltd., Toronto, Ont.
Muskoka lakes	Kenora and shoal lakes. Presbytorian nora, Ont.	Burks Falls-Abmie har-A.	St. John river and har- bour.	Consting	Montreal and Kingston	Halifax harbour	Georgian bay	Penctang and Parry Sound,	Port Huron and Teledo.	Point au Baril and Pte. Wm. Watts & an Baril station	Trent canal.	Lake Erîc	Buffalo and Fort Erie	Lake of the Woods	Montreal and Lake Ontario.	Vanconver, Nanaimo New Westminster.	Rideau canal	Vancouver and West	Kingston, Ont. and over-Inter American sens.
Scrow	Screw	Screw	Screw	Screw_16.7	Serew	Screw 19.8	Screw 37.5	Twin screw	Screw 96.4	Scrow	Screw	Screw	3.3 Scrow 10.8	Screw 2.7	Screw 80.6	Screw 10.7	Screw	Serow 9.3	Serew
Not issued	16-8-16		21-11-16 25-10-17	25-10-16 24-10-17	11-5-16	6-5-16	14-10-16 18-9-17	9-9-10		28-7-16			14-12-16	Not issued .	22-4-16			15-5-16	30-3-17 24-3-18
G. M. A.	G. P.	G. M. A.	C. E. D.	C. E. D.	F. M. H.	N. A. C.	G. M. A.	E. W. McK.	5. D. A.	G M.A.	T. P. T.	J. B. S.	J. B. S.	W. E. G. P. P.	J. E. L. P. D.	A.E.H.	J.T.G.	H.G. R.	M.R.D.
Port Carling, Ont	Kenora, Ont	Burks Falls, Ont	St. John, N.B	St. John, N.B	Sorel, P.Q	Halifax, N.S. 4-5-16	Waubaushene, Ont	Collingwood, Ont	Detroit, Mich	Point au Baril	Fenelon Falls, Ont.	Port Dover, Ont.	Buffulo, N.Y.	Kenora, Ont	Montreel, P.Q. 54-16	Vancouver, B.C. 27-10-16 27-10-16	Burritts Rapids, Ont	Vancouver, B.C	Chester, Pa
Steam Yacht.	Tug	Tug	Tug	rug	Freight	Water boat,	Tug	Pass	Pass. 1.560	Pass30	Yacht	Fish bout.	Pass, ferry .	Tug	Freight	Freight	Freight	Pass, 150 S. 115 W.	Freight
60 1915 Toronto, Ont.	20 1905 Composite 13 Kenora, Ont.	Wood	29 1892 Wood 20 Kings Co., N.B.	45 1909 Wood	95 1891 Wood	51 Dartmouth, N.S.	135 1904 Steel 92 Collingwood, Ont.	504 1909 Steel 244 Collingwood, Ont.	268 Toledo, O.	29 1912 Wood 20 Collingwood, Ont.	68 1901 Wood	38 1903 Wood 26 Buffalo, U.S.	141 1594 Wood	33 1908 Wood 20 Kenora, Ont.	988 1871 Iron 580 Buffalo, N.Y. 1913 Montreal, P.Q.	126 New Westminster.	80 1903 Wood	71 1914 Wood	1,171 Wallsend on Tyne, G.B.
Wanda III(Not registered.)	Wandcrer, I16988 Kenora, Ont.	Wanita. 103683 Toropto, Ont.	Waring. 100084 St. John, N.B.	Wasson 126288 St. John, N.B.	Water Lily	Water Witch	Waubaushene	Waubie. 122555 Collingwood, Ont.	Wanketa	Waukoo 130971 Collingwood, Opt.	Wawinet 116762 Toronto, Ont.	Web 126646 Port Dover.	Welcome. 91492 St. Clair, U.S.	Wendigo	Westerian 117073 Ottawa, Ont.	Westham 126276 New Westroinster.	West port 116546 Kingston, Ont.	West Vancouver No. 5 134086 Vancouver, B.C.	Wetherlield Montreal, P.Q.

Table 1 -Continued.—Tableau 1-Suile.

	8 GEORGE V, A. 19	18
Namn and Address of Owners. Nous of adresses des propriétaires.	Vancouver larbour  Sydney and Port Hast-Merchants Transportation ings.  Arrow lakes  Con. Pac. Ry., Montreal Pr.Q., Sydney, N.S.  Burlington bay  Burlington bay  Ilamilton Shipbuilding of Ferry Co., Hamilton, Ont.  Ferry Co., Hamilton, Ont.  Yukon river  Yukon river  Yukon river  White Island Station  British Yukon Nav. Co., Widite Island Station  Winite Island Station  Minister of Marine and Fisher Co., Montreal Rich.  Goastwise off Meaford  Wm. Hose, Menford, Ont.  Quebco harbour  Coastwise off Meaford  Wm. Hose, Menford, Ont.  Quebco harbour  T. S. Winslow, Poughkeefsite  Stanley, Ont.  Fort Arthur and Father Montreal Trans. Co., Montreal  T. Lakes Stanley, Ont.  Lake Brito  Yor Arthur and Father Montreal Trans. Co., Montreal  Lakes and rivers  C. S. Lines, Montreal, P.O.	
Icouto.	Screw   Serew   Yanceuwer Inrbour   Evans Colemn & Stancouver   B.C.     122-5-16   Serew   Sydney and Port Hast   Go., Sydney, N.S.     26-5-16   Serew   Sydney and Port Hast   Go., Sydney, N.S.     13-7-16   Serew   Sydney and Port Hast   Go., Sydney, N.S.     13-7-16   Serew   Sydney and Port Hast   Go., Sydney, N.S.     13-7-16   Serew   Sydney and Port Hast   Go., Sydney, N.S.     13-7-16   Serew   Sydney and Port Hast   Go., Sydney, N.S.     13-7-16   Serew   Sydney and Port Hast   Go., Sydney, N.S.     13-7-16   Serew   Sydney and Port Hast   Go., Sydney, N.S.     13-7-16   Serew   Sydney and Port Hast   Go., Stenic   Go., Go., Stenic   Go., Go., Stenic   Go., Go., Ltd.     11-0-16   Serew   Go., Go., Go., Stenic   Go., Ltd.   Go., Ltd.     12-0-16   Serew   Go., Go., Go., Stenic   Go., Ltd.   Go., Ltd.     13-0-16   Serew   Go., Go., Go., Go., Go., Go., Co., Go., Stenical   Go., Go., Ltd.     13-0-16   Serew   Go., Go., Go., Go., Go., Go., Go., Go.,	
Propulsion— N.11.P. Propulsion— N. on 11.P.	Screw 20 Screw 20 Screw 37.3 Screw 3.2 Screw 45.6 Ster wheel. Screw 2.1 Paddla. Paddla. Screw 10.66 Screw 13.5 Screw 13.5 Screw 140.7 Screw 16.2	36
Certificate: Issued— Expires. Certificat: Délivrance— Expirition.		
Inspectors' Intiuls. Initiales des inspecteurs.	M. H. H. S. M.	L. T. G.
Port and Dato of Inspection. Ports of dates d'inspection.	Tug. Vancouver, B.C.  1230 230 15-5-16 16-5-16	
Trade No of Pass. Sarvica- Nombre de pass.	Puse Puse Tug Tug Tug Tug Tug Puse Si Whalor Lightahip Tug Freight  Yacht Yacht Freight Freight Freight	
Where and Whee Built—Material. Année et lieu de concruction— Nature de la coque.	1907 Weed  1908 Wood  Weymouth, N.S. 1909 Wood  1909 Wood  1915 Wood  1830 Composite  Kingston, Ont.  1910 Steel  Christians, Norway.  1901 Wood  Nood  Nood  1915 Wood  Nood  1915 Wood	Cleveland, O.
Ton.	32 23 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25	8
Name of V sels - Official No Port of Registry. No s der navine Numbre officiels Ports d'enegastroment.	We Two Weymouth 9481 Viotou, N 8 Whatshan 12533 Vancouver, B.C. Where To Illing Hamilton, Ont. Where To Illing Liverpool, Eng. White Hore 311335 Liverpool, Eng. White Wing White Wing White Wing White Stur (Not registered.) Willbrose 130980 Collingwood, Ont Willian II Willian	Histo Tieton, Out.

SESSION	NAL	PAPE	ER N	o. 23													
Shephedy Nav. Co., Moneton, N.B.  Mabel A. Code, Smith Falls, Out.	Lake and River Transp. Co., Ltd., Moetreal, P.Q.	W. H. Batt Bros., Charlottetown, P.E.I.	off Jas. Young, Gore Bay, Ont.	Duluth & Father Poiet, Lake and River Transp. Co., Ltd., Montreal, P.Q.	s.Wm. 'Edwards Steamsh Co., Sydney, N.S.	Ino. Donaelly, Kingston, Out.	Victoria Whaling Co., Ltd., Toronto, Oat.	Minister of Public Works . Ottawa.	Jas. Holly and Sons, St. John, N.B.	A. B. McLeau, Sault Ste. Marie, Ont.	C. F. Stanton, et al, Port Stanley, Ont.	G. W. Colwell, St. John, N.B	S. Simpson and P. A. Jones, New Westminster, B.C.	Gore Bay and Thessalon Jas. Purvis, Gore Bay, Ont.	Straits Westminster Towing and Fishing Co., New Westminster, B.C.	H. W. Alron, Lake Megantic, P.Q.	Wolfe   Corporation of the Tp. of Wolfe Island, Ont.
Coasting, P.E.I.	Duluth and Father Pt	Inland	Sheltered waters off Gore Bay.	Duluth & Father Poiat.	Great Lakes and river	St. Lawrence river	Coasting	Fraser river Ladner to Minister Woodward's Landing Ottawa.	St. John river	Batchawana and north Thesalin.	Lake Erio	St. John river	Fraser river	Gore Bay and Thessalon	Vancouver and Straits of Georgia.	Megantic and Woburn	Kingston and Wolfe Island.
Screw 16.7 Screw 1.2	Screw	Sorew 34.6	Screw 1.2	Screw 88.8	Single screw. 107.6	Screw 12.9	Screw 45.6	Stern wheel	Screw 33.6	Screw. 8.5	Screw 20.1	Screw 13.5	Serew 6.3	Screw24	Screw33	Screw 2.1	Paddle
13-6-16 10-6-17 16-6-16 3-6-17	$\frac{3-5-16}{22-4-17}$	5-10-10 28-9-17	Not issued.	3-5-16	17-10-16 10-10-17	S-9-16 1-9-17	24-4-16 16-4-17 31-3-17	31-5-18 31-5-16 19-5-17	25-4-16 25-4-17	Not issued.	Not issued.	15-5-16 9-4-17	20-6-16 18-6-17	15-8-10 15-6-17	19-5-16 6-5-17	15-6-16 14-6-17	27-4-10
C. E. D. W. R. B. T. P. T.	T.P.T. M.R.D.	C. E. D.	E. W. McK.	T.P.T. M.R.D.	F.X. II P.Q.	T. P. T.	W. B. W. J. C.	п. с. к.	C. E. D.	E. W. McK.	J. B. S.	C. E. D.	A. E. H.	E. W. McK.	S. D. A. II. G. R.	J. A. S.	I. P. T. M. R. D.
Meacton, N.B	Kingston, Ont	Charlottetown, P.E.I	Gore Bay, Ont	Kingston, Oct	Sorel, P.Q	Portsmouth, Ont	Victoria, B.C	New Westminster, B.C. 30-5-16	St. John, N.B	Sault Ste. Marie, Ont 3-5-16	Port Burwell, Ont	St. John, N.B.	New Westminster	Gore Bay, Ont	15-6-16 Vaccouver, B.C	Lake Megantic, P.Q	Kingston, Ont
Freight Pass 25. Yacht	Freight	Tug	Tug	Freight	Freight	Tug	Whaler	Pass	Tug	Tug	Fishingbeat	Tug	Tug	Pass	Tug	Pass. and 29 Freight.	Pass. 340
Yarmouth, N.S. 1912 Wood Rideau Ferry, Ont.	1,845 1884 Wood 1,070 Detroit, Mich.	I887 Wood	I899 Wood	1,854 Wood	336 1879 Wood		1912 Gardeo Island. 1910 Steel	1909 WoodVancouver, B.C.	1894 Woodst. John, N.B.	1882 Wood	1884 Wood	1907 Wood,Jemseg, N.B.	1889 Wood	1902 Wood Port Stanley, Ont.	1910 Wood New Westminster.	osite	1994 Composite Toronto, Ont.
99 84 81 81	1,845	75	10	1,854	<u>_</u>	95	102	284 162	75	35	322	26	13	231 149	90	51	98
Wilfrid C 103713 Halifax, N.S. Willard 130761 Kingston, Ont.	Wm, A. Haskell 138108 Montreal, P.Q.	William Aitkea 90880 Charlottetown.	William D. 121953 Port Stanley.	Wm. J. Averill 138107 Montreal, P.Q.	William Edwards 134528 Sydncy, N.S.	Wäliam Johnston 80874 Kingston, Ont.	William Grant. 126517 Victoria, B.C.	William H. Ladner	William H. Murray.	William Rollar I34193 Sault Ste. Marie.	Winner 116314 Amherstburg,Ont.	Winaic. 121838 St. John, N.B.	Winnifred	Winona Midland, Ont.	Wireless 126783 New Westminster, B.C.	Wohurn. 138089 Quebec.	Wolfe Islander 116763 Kingston, Oat.

TABLE I. Concluded. TABLEAU I. Fin.

										8 G	EORG	GE V. A. 1918
Name and Address of Owners. Noms et adresses des propriétaires.	Northern Fish Co., Winnipeg, Man.	Howman Lamber Co., Co. maplix, B.C.	N. A. Corp., Halifax, N.S.	Kingston and Prescott D. J. Kenney, Gananoque,	Can. Pac. Ry, Co., Montreal	Can, Pac, Ry. Co , Montreal	Matthews Stenmship Co., Toronto.	McKeown Bros., Port Mait- land, Ont.	Yukon river and tribu-American Yukon Nav. Co., tarica,	Nanaimo and Gabreola Juncowski Bros., Nanaimo, Island,	Sincennes-McNaughton Line, Montreal.	W. S. Thomspon, North Syddey, N.S. Reynolds and Hendry, Tor- onto, Ont. L. B. Smith, St. John, N.B. J. Paquette, Champhain, P.Q.
Route.	31-8 Faden Winnipeg	Arrow Inko.	Consting	Kingston and Prescott	Kootenay lake	Okanagan luke	Lakes and rivers.	Lake Brie	Yukon river and tribu-	Namino and Gabreela Island.	Montreal harbour	Sydney Harbour Lake Timiskaming Inland waters
Propulsion— N.H.P. Propulsion— N. on H.P.	Seruw 31.8 Serow 2.6	Scraw 16	Serew 211-7	Scrow. 3.5	Serew 27.3	Twin serew 12.8	Screw 106.3	Scrow	Stern wheel.	Serew 1.0	Screw. 29	Screw 3.3 Screw 2.1 Serew 8.5 Twin screw
Certificato: Issued— Express. Certificat: Délivrance~	27~5~16 25~5~17 17~3~17 26~2~18	26-5-16	Permit issued	15-5-16 13-5-17	29-5-16 10-5-17	25-5-16	26-4-16	Not issued	24-6-17	19 8-16 18 8-17	10-5-16	22-5-16 15-8-17 Not issued. 12-8-16 11-8-17 29-5-16
Inspectors' Initials. Initiales des inspecteurs.	0.0 P.	W. J. C.	C. E. D.	W.R.B. T. P. T.	W. J. C.	W. J. C.	J. D.	J. B. S.	H. G. R.	W. J. C.	F. X. II.	D. J. M. I. E. L. C. E. D. F. X. H. P. D.
Port and Date of Inspection. Ports et dates d'inspection.	Selkirk, Mun 23-5-16 24-5-16 Vancouver, B C	\rrow hend, B.C	St. John, N.B.	2nd inspection 13-2 17 Kingston, Ont. 13-5-16	Nelson, B.C. 13-5-16	Okunagan Ldg., B.C	Goderich, Ont.	Fishing boat Port Maitland, Ont	Dawson, Y.T	Nanaumo, B.C 19-8-16	Sorel, P.Q., 10-5-16	North Sydney, N.S.  New Listeand 24.5-16 St. John, N.H 11-8-16 Sorel, P.Q. 19-5-16 16-5-16
Trade—No. of Pass. Sarvico— Nombra de pass.	Pass and 125 Freight. Tag	Tust	14.1	Places	Tug	Freight 45 Puss.	Freight .	Fishingboat	Freight 179 Fac.	26 Piew	Tug .	Tug Tug Freight
Where and when Buile—Material.  Annes et lieu de coastruction— Nature de la coque.	Fold Westl. Selkirk, Man. 1912 Westl. Lund, B.C.	Patt World Nikusp, B C.	725   Dumbarton, G B.	Isbb Wood.	E C	Pol Steel	1911 Steel Sunderland, Eng.	Port Maitland, Ont.	1913 Wood. Scattle, Wash.	1913 Wood Namimo, B.C.	1906 Wood Sorel, P.Q.	184 Wood Dartmouth, N.S. 1938 Wood Port Rowan, Ont. 1853 Wood Philadelphin, U.S. 1910 Wood Sorel, P.Q.
Ton-	13	38	1452	33	52	134	1136	122	642	0.0	95	0255444
Name of Yossols—Official No.—Fort of Registry. Vors des navine— Numéres officiels—Forts d'enregistrement.	Wolverine 1 2295 Minniper, Man Woodley mph 131101 Vancouver, B.C.	Tale H802 Metoria, B C	Nationally Nationally, N S	Yennera 126167 Kingston, Ont	Ymit 107452 Vancouver, B.C.	York III979 Vancouver, B.C.	Yorkton 132060 Sunderland, Eng	You and I II2050 St. Catharines, Unt.	Yukon 165172 Shagway Maska.	Yusella 134612 Autoria, B.C.	Yvon 192226 Montreal, P.Q.	Zaidee Sydney, N > Zara   100625 Port Dover, Ont Zella B   St. John, N B   Zephir P   126455 Sorel, P.Q

Table II.—Showing Inspections made during Fiscal Year ended March 31, 1917, of Dredges, Drill Boats, Floating Elevators, Tableau II.—Inspections faites durant l'exercice financier terminé le 31 mars 1916, de dragues, bateaux-forets, élévateurs, etc., arranged according to Districts.

flottants, etc. Les noms sont disposés d'après les districts.

Tonnage: Gross registered-Brut enregistré.

DIVISION D'HALIFAX-N. A. Currie et D. J. Murray, inspecteura. HALIFAX DIVISION,-N. A. Currie and D. J. Murray, Inspectors

Name and Address of Owners. Noms et adresses des propriétaires.	Constal Dredging Co., Sydney, N.S.	Beasley Bros., Halifar, N.S.	W. J. Poupore, Montreal, P.Q.	Minister, Publie Works, Ottuwa.	Minister, Public Works, Ottawa.	Publie Works Dept., Ottawa, Ont.
Where employed.	26-8-16 Harbour	17-5-16 Harbour	Harboar	16-5-16 Harbour	27-4-16 Coasting	17-7-16 Harbour
Certificate: Issued— ' Expires. Certificat: Délivrance— Expiration.	26-8-16 13-8-17	17-5-16	Not issued Harbour .	16-5-16 5-5-17	27-4-16 20-4-17	17-7-16 5-7-17
Port and Date of Inspection. Ports et dance d'inspection.	Dipper dredge . St. Peters caanl, N.S	Pietou, N.S	Dartmouth, N.S	Pietou, N.S	Liverpool, N.S	Lunenburg, N.S5-7-16
Class of Vessel. Catégories des navires.	Dipper dredge .	Dipper dredge	Dipper dredge	Suction dredge Pietou, N.S	Dredge	Rock breaking barge Lunenburg, N.S
Where and When Built—Material.  Année et lieu de construction— In coque.	336 1909 Steel	86 1912 Steel	330 1903 Wood	Toronto, Ont.	232 1872 Iron 46 Reafrew, G.B.	38 1912 Steel
Ton-	66 86 -	88	88	:	c) .	4.00
Name of Vessel—Official No.—Port of Registry. Noms des navires— Numéros officiels—Port d'enregistrement.	Cadreco. 126495 Montreul, P.Q.	Ferguson 130599 Halifax, N.S.	King Edward 22482 Quebec, P.Q.	P. W. D. No. 5 (Not registered.)	P. W. D. No. 7. 130249 Liverpool, N.S.	Lobnitz No. 3. 133760 St. John, N.B.

# NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION-C. E. Dalton, Inspector.

DIVISION DU NOUVEAU-BRUNSWICK ET DE L'ILE DU PRINCE-EDOUARD-C. E. Dalton, inspecteur.

Don Frederico 135250 London, G.B.	481 1909 Steel	Ladder dredge St. John, N.B	St. Joha, N.B.	27-5-16 27-5-17	27-5-16 Courtney Bay	Norton Griffiths, Co. St. John, N.B
Hayward 122498 Chatham, N.B.	122 1908 Wood	Dredge	Bathurst, N.B	12-6-16 12-6-17	12-6-16 Bathurst harbour	Northern Dredging Co., Loggie- ville, N.B.

TABLE II-Continued.—TABLEAU II-Suite.

DIVISION DU NOUVEAU-BHUNSWICK ET DE L'ILE DU PRINCEEDOUARD-C. E. Dalton, inspectour-Suite. NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION—C. E. Dulton, fuspector—Continued.

4											
Name and Address of Owners Noms et adresses des propriétaires.	Northern Dredging Co., Loggie- ville, N.B.	NorthumberlandStraits Roger, Millar & Co., Ltd., Shediae, N.B.	Courtney buy works, J. Norton Griffiths, London, Eng.	Minister, Public Works, Ottawa, Ont.	P. E. I. rivers and har-Minister, Public Works, Ottawa., bonrs.	P. E. I. Harbours and Minister, Public Works, Ottawa, rivers.	P.E.I. rivers and lare-Minister, Public Works, Ottawa, bours.	N.G. & Co., St. John. N.B	N.G. Co., St. John, N.B.	Norton Griffiths Co., St. John, N.B.	N.B. Construction Co., Wealford, N.B.
Where employed. I Acalites of employes.	Bathurst harbour	NorthumberlandStraits	Courtney bay works	St. John harbour	P. E. I. rivers and har- bours.	P. E. I. Harbours and rivers.	P.E.I. rivers and harbours.	Cousting	Consting	St. John barbour	St. John river
Certificate: Issued— Expires. Certificat: Délivrance— Expiration.	16-6-16 12-6-17	23-5-16	2I-2-21 9I-0-81	18-9-16 16-8-17	21-10-16 29-9-17	21-10-16 27-9-17	21-10-16 27-9-17	12-5-16 10-5-17	3-4-17	Not issued	17-5-16 9-4-17
Port and Dute of Inspection. Ports et dutes d'inspection.	Bathurst, N.B	Pictou, N.S	St. John, N.B	St. Jolin, N.B 16-8-16	Georgetown, P.E.L	Charlottetown, P.E.I	Malpoque, P.E.I	St. John, N.B. 10-5-16	St. John, N B	St. John ,N.B.	St. John, N.B
Cuttegories des			Hopper burge and St. John, N.B dredge.	Dredge	Dredge	Dredge.	Dredge	Steam hopper	Hopper barge		Dredge
Where and When Built—Material. Année et lieu do construction— Nature do la coque.	1904 Wood Carmien, N.J. 1910 Rebuilt	Loggieville, N.B. Woxl Not known Drutge	1894 Steel Barrow, Eng.	1905 Steel Toronto, Ont.	1906 Steel Toronto, Ont.	Summerside, P.E.I.	Pugwash, N.S.	197 Sudlarook, G.B	Hall, England	1895 Iron and steel Hopper barge.	Upper Gagetown, N.B.
Ton-	0761	803	282	1.605	368	75	192	416	187	392	22.
Name of Vessel —Official No. Port of Registry. Noms des mavires Numéres officiels—Ports d'enegistrement.	Invader No. 1 1266M Chatham, N.B.	McDougald 131009 St John, N.B.	Physic 99759 London, Eng.	I' W D. No. 1., 134181 Ottawa, Ont	P. W. D. No. 9. 130316 Charlottetown.	P. W. D. No. 10. 130347 Charlottetown.	P. W. D. No. 11. 130348 Charlottetown.	Hopper No 62 109582 London, Eng	Hopper No 64 London, Eng	No. 46 105722 London, Eng.	New Bringwick No. 1. 131003 St. John, N B.

DIVISION DE QUEBEC.-J. A. Samson, inspecteur. QUEBEC DIVISION.—J. A. Samson, Inspector.

SESSI	DNAL	PAP	ER	No. 2	23		
	orks, Ottawa.	La Cie Generale L'Entreprise, Publique, Levis, P.Q.	Quebec, P.Q.	Quebec Harbour Commission, Quebec, P.Q.	La Cie Suble Union, Ltcc, Quebec, P.Q.	Minister Public Works, Ottawn, Ont.	Cemmission,
	Public W	Generale	Harbour P.Q.	Harbour P.Q.	ble Union	Public W	Harbour P.Q.
	Minister of	La Cie Publique	Quebec ]	Quebec 1 Quebec,	La Cie Sn P.Q.	Minister Ont.	Quebec Harbour Quebec, P.Q.
	Not issued Chicoutimi barbour Minister of Public Works, Ottawa.	Not issued Rimouski barbour	Not issued Quebee harbour	Not issued Quebec harbour	Not issued Quebec harbour		Not issued Quebec harbour
, Inspector. on, inspecteur.	Not issued	Notissued	Not issued	Not issued	Notissued	Not issued	Not issued
QUEBEC DIVISION.—J. A. Samson, Inspector. DIVISION DE QUEBEC.—J. A. Samson, inspecteur.			:		Levis, P.Q	Quebec, P.Q	Quebec, P.Q
QUEBEC D DIVISION DE	Dredge Chicoutimi, P.Q.	Elevator dredge Rimouski, P.Q	Suction dredge Quebec, P.Q	Elevator dredge Quebec, P.Q	Suction dredge	Dipper dredge	Grain elevator
	Wood	1913 Steel	748 1913 Steel	1914 Steol	187 1914 Wood	a, Ont.	1914 Seuth Bank-on-Tees
	-	-	748 420 EIb	520 1	187 173 Qu	250 1906 Ottawa	Set
	Public Works Dredge	New Welland	Q.H.C. Dredge No. 1.134133 Quebec, P.Q.	Q.H.C. Elevator Dredge No. 2	J. L. L. No. 9	Ottawa No. 115 107736 Mentreal, P.Q.	Q.H.C. No. 1 Grain Elevator

DIVISION DE SOREL—F. N. Hamelin, inspecteur. SOREL DIVISION-F. X. Hamelin, Inspector.

Not issued St. Lawrence river Marine and Fisheries, Ottawn.	Marine and Fisheries, Ottawa.	Not issued St. Lawrence river Marine and Fisheries, Ottawa.	Marine and Fisheries, Ottawn.	Marine and Fieheries, Ottawa.	Marine and Fisheries, Ottawn.	Marine and Fisheries, Ottawa.	Marine and Pisheries, Ottawa.	Marine and Fisheries, Ottawn, Ont.
St. Lawrence river	Not issued St. Lawrence river	St. Lawrence river	Not issued St. Lawrence river	St Lawrence river	Not issued St. Lawrence river	Not issued Lae St. Pierre	Net issued St. Lawrence river	Net issued St. Lawrence river
Not issued	Not issued	Not issued	Not issued		Not issued	Not issued	Net issued	Net issued
		Sorel, P.Q	Sorel, P.Q	Sorel, P.Q	:	į	:	
Elevator dredge Sorel, P.Q. 20-4-16	Elevator dredge Sorel, P.Q. 29-4-16	Elevator dredge	Dredge	Elevator dredge	Elevator dredge Sorel, P.Q. 25-4-16	Suction dredge	Suction dredge	Suction dredge Sorel, P.Q
409 1894 Wood	539 1896 Wood 508 Screl, P.Q.	528 1900 Steel	350 Sorel, P.Q.	566 1901 Wood	603 1902 Wood	1901 Steel Toronto, Ont.	.269 Sorel, P.Q.	1,332 1905 Steel
409	530	528	350	560	603	914	2,049	1,332
M. & F. No. 1. 103035 Ottawa, Ont.	M. & F. No. 2. 131043 Sorel, P.Q.	M. & F. No. 3. 131044 Sorel, P.Q.	M. & F. No. 4. 131045 Sorel, P.Q.	M. & F. No. 5. 131046 Sorol, P.Q.	M. & F. No. 6. 131047 Sorel, P.Q.	M. & F. No. 7. 133910 Sorel, P.Q.	M. & F. No. 8. 131048 Sorel, P.Q.	M. & F. No. 9 131049 Sorel, P.O.

Table II—Continued.—Tableau II—Suite.

SOREL DIVISION F. X. Hamelin, Inspector DIVISION DE SOREL F. X. HAMELIN, Inspectour.

										o de	.0110	_ v,
Name and Address of Owners. Nems et adresses des propriétaires.	Marine and Fisheries Department Ottawa.	Marine and Fisheries, Ottawa, Ont.	Marine and Fisheries, Ottawa, Ont.	Marine and Fisheries, Ottawa, Oat,	Marine and Fisheries, Department, Ottawn.	Marine and Fisheries Department, Ottawa,	Marine and Fisheries Department, Ottawa,	A Marchildon and L. E. Dafresne, Three Rivers, P.Q.	Marine and Eicheries Department, Ottawa.	Consting or Halifax har Marine and Eisberies Department, bour,	Marine and Fisheries Department, Ottawa	Moise Robidoux, Yannaska, P Q.
Where employed.  Localités où employés.	St. Lawrence river	Not issued. St. Lawrence river	St. Lawrence river.	Not issued St. Lawrence river.	Not issued Cap a la Roche	Not issued St, Lawrence river	Not issued St. Lawrence river	Harbour	Not issued Montreal and Quebec.	Coasting or Halifax har lour.	St. Lawrence river	M. Francois river
Certificate: Issued— Expires. Certificat: Délivrance— Expiration.	Not issued	Not issued	Not issued	Not issued	Not issued	Not issued	Not issued	12-8-16 8-8-17	Not issued	Not issued	Not issued	31-5 17
Port and Dute of Inspection. Ports et dutes d'inspection.	:	Sorel, P.Q. 27 4-16	Sorel, P.Q.	:		Sorel, P.Q	Sorel, P.Q	Three Rivers, P.Q. 8 8 16	North, P. Q. 4 15	Sorel, P.Q., 19-5-16	Sorel, P Q	Forel, P.Q 31 5 16
Class of Vessel Catégories des	Spendredge	Spoon dredge	Elevator dredge	Slovator dredge	Stonebreuker	Elevator dredge Sorel, P.Q	Elevator dredge	Spion deedge	tent burge	Freight	Stone Lifter	Hosting dredge
Whore and When hard. Watered Ann'se et heu de emestreeton Nature de la ceque	759 1910 Steel 702 Serel, P Q	842 1999 Steel 733 Sorel, P.Q	841 1912 Stard 682 Sorel, P.Q	1913 Steel Sorel, P.Q.	1911 Steel	Collingwood, Ont.	Collingwood, Ont.	1905 Wood	Yord, P.Q.	356 Collingward, thut	1913 Stead Sorel, P Q	129 Yamaska, P.Q
Fon Ruge.	55.5	TE	23	25. 52.2	309	88	331	-	340	1-00		200
Name of Vessel - Official No Port of Registry Nous des movines Numbre enforces - Ports d'enregistrement.	M & F No 10 12689 Sord, P Q	M. & F. No. 11 133960 Sorel, P.Q.	M & F No 12 134361 Sorel, P Q	M. & F. No. 13 134362 Sorel, P.Q.	Rock Brenker No 1 134563 Sorel, P.Q.	14365 No. 14.	M & F. No 15. 134366 Sorel, P.Q.	Capital Liffer Ottawa, thit	Cad Barge No 6 Not completed	Hopper Barge No 2 133952 Sorel, P Q	Stone Lifter Nq 5 Not registered )	W Robidour 1310M Sorel, P Q

MONTREAL DIVISION—J. E. Lunan and J. T. Gardham, Inspectors, DIVISION DE MONTREAL—J. E. Lunan et J. T. Gardham, inspecteurs.

					,					_	_*			8	GEO	RGE	V, A	. 1918
	M. J. Hogan, Montreal, P.Q.	Dept. Public Works, Ottawa.	Hurbour Commission of Montreal.	Dept. Public Works, Ottawa	Powe r Montreal General Contracting Co. Montreal, P.Q.	Three Wat. J. Poupore, Montreal, P.Q.	Dept. Public Works, Ottawa.	Montreal General Contracting Co., Montreal, P.Q.	Dept. Railways and Canals, Ottawa.	Harbour Commissioners, Montreal, P.Q.	Ilarbour Commissioners, Montreal, P.Q.	Harbour Commissioners, Montreal, P.Q.	Dept. Public Works, Ottawa.	Dept. Public Works, Ottawn.	Dept. Public Works, Ottawn.	Dept. Public Works, Ottawa,	Dept. Public Works, Ottawn.	Dept. Public Works, Ottawn.
	Not issued Inlet to Cedurs Power House.	St. Lawrenceriver	Montreal harbour	Lake Nipissing	Inlet to Cedars House,	Montreal and Three Rivers.	Rivers	Inlet to Cedar Rapids Power House.	Rideau canal	Moatreal harbour	Montreal harbour	Montreal harbour	St. Lawreace river	Ottawa river	Rivers and bays	Lake Temiskaming	Rivers and enauls	Rivers and canals
and the same	Not issued	Not issued	15-8-16 15-5-17	Not issued	Not issued	9-5-16 2-5-17	Not issued	Notissued	Not issued	31-7-16	15-8-16 20-4-17	15-8-16 20-4-17	Not issued	Not issuad	Not issued	Notissued		Not issued
	Cedars, P.Q	Montreal, P.Q 13-4-16	Montreal, P.Q 5-5-16	Sturgeon Falls, Ont	Cedars, P.Q. 1-10-16	Montreal, P.Q	Montreal, P.Q	Codars, P.Q. 1-10-16	Ottawn, Ont	Montreal, P.Q	Moatreal, P.Q	Montreal, P.Q	Buchingham, Que	Ottawa, Oat.	Montreal, P.Q. 19-4-16	Huileybury, Ont	Chambly, P.Q	Montreal P.Q. 14-4-16 Ottawa, Oat. 2-5-17
,	Dipper dredge	Dipper dredge	Dipper dredge	Dipper dredge	Dipper dredge	Suction dredge	Dipper dredge	Dipper dredge	Dipper dredge	Dipper dredge	Dipper dredge	Dipper dredge	Dipper dredge	Dipper dredge	Dipper dredge	Dipper dredge	Dipper dredge	Dipper dredge
TOTAL TOTAL	420 1904 Steel	458 1896 Steel	359, 1892 Wood	1910 Wood Sturgeon Falls, Ont.	130 Cornwall, Ont.	321 Holland	115 1906 Wood	201 1899 Wood 180 Three Rivers.		461 1899 Steel	498 Toronto, Ont.	550 1911 Steel	115 1905 Wood 104 Buckingbam, P.Q.	104 1909 Wood	100 Wood		Wood	464 1912 WoodOttawa, Ont.
	Ella M. 116872 St. Catharines, Oat. 3	International (now Dredge No. 110).	John Kennedy	Mattawa (aow Dredgo No. 112)	Ottawa 107736 Montreal, P.Q.		St. Louis (now Dredge 121)	St. Pierre 107899 Montrenl, P.C.	Tay (Not registered.)	P.Q.	Dredge No. 5. 4. 130921 Montrenl, P.Q. 4	Dredge No. 6. 138097 Montreal, P.Q. 55	Dredge No. 102. 1134537 Ottawa, Ont.	Dredge No. 163	Dredge No. 106	Dredge No. 118 (Not completed.)	Dredge No. 119. (Not registered.)	Drodge No. 123

Table II—Continued.—TableauxII—Suite.

MONTREAL DIVISION—J. E. Lunan and J. T. Gardham, Inspectors. DIVISION DE MONTREAL-J. E. Lunan of J. T. Gardham, inspecteurs.

Namn and Address of Owners. Noms et adresses des propriétaires.	Not issued Inlet to Cedura Power Montreal General Contracting Co. Montreal, P.Q.	Hurbour Commissioners, Montreal., P.Q.	Montreal Harbour Commissioners.	Montreal Harbour Commissioners.	Montreal Harbour Commissioners.	Montreal Harbour Commissioners.	Montreal Harbour Commissioners.	Harbaur Commissioners, Montreal, P.Q.	Montreal Harbour Commissioners.	Montreal Harbour Commissioners.	Montreal Harbour Commissioners.	Montreal Harbour Commissioners.	Montreal Harbour Commissioners.
Where employed. Localités où employés.	Inlet to Cedura Power House.	Montreal larbour	Montreal harbour	Montreal harbour	Montreal harbour	Montreal harbour	Montreal harbour	Not issuad Montreal harbour	Montreal harbour	Montreal harbour	Montreal harbour	Montreal harbour	Montreal harbour
Certificato: Issued— Expires. Certificat: Délivance— Expiration.	Not issued	Not issued	Not issued	Not issued	Not issued	Not issued	Not issued	Not issuad	Not issued	Not issued	Not issued	Not issued	15-8-16
Port and Date of Inspection. Ports et dates d'inspection.	Cedars, P.Q. 1-10-16	Montroal, P.Q	Montreal, P.Q	Montreal, P.Q	Montreal, P.Q.	Montreal, P.Q	Montreal, P.Q	Montreal, P.Q	Montreal, P.Q	Montreal, P.Q	Montreal, P.Q	Montreal, P.Q	Mont 22, P.Q
Class of Vessel. Catégories des	Drill boat	Floating derrick	Derrick	Derrick	Derrick	Derrick	Derrick	Derrick	Grain elevator.	Grain elevator	Grain elevator	Grain elevator	Concreto mixer
Mhero and When Rult-Material. Année et lieu da censtruction— Nature de la coque.	401 Welland, Ont	197 1899 Wood . Montreal, P.12	190 Wood	197 1892 Word	195 1892 Wood . Montreal, P.Q.	169 1892 Wood	Montreal, P.Q.	282 1915 Wood	205 ;889 Steel 125 Montreal, P.Q.	205 I899 Steel 125 Montreal, P.Q.	210 1904 Steel	129 Montreal, P.Q.	307 1915 Wood
Name of Vessel - Official NoPort of Registry. Noms de navires Numbres officiels—Port d'energistrement.	M G C Co. No 1	Derrick No 1 13,099 Montreal, P.Q.	Derrick No. 3 138100 Mantreal, P.Q.	Derrick No. 4	Derreik No. 5. 13si02 Montreal, P.Q.	Derrick No. 6 138103 Montroal, P.Q.	Dernek No. 7. 135104 Montreal, P.Q.	Derrick No. S P.Q	Grain Elevator No. 15., 130413 Montreal, P.Q.	Grain Elevator No. 16. 130414 Montreal, P.Q.	rain Elevator No. 17. 130415 Montreal, P.Q.	Grain Elevator No. 18 130416 Montreal, P.Q.	H. C. M. Mixer No. 1 134489 Montreal, P.Q.

DIVISION DE L'ONTARIO-EST-T. P. Thompson, inspecteur. EASTERN ONTARIO DIVISION-T. P. Thompson, Inspector.

			nt.		ornwall,	Jnt.	Jnt.	)nt.	oronto.			Ottawa.
ner, Campl	nals Dept.,	and	Toronto, O	Ialoney, C	Ialoney, C.	Toronto, (	, Toronto, (	Toronto, (	nald Co., 7	iton, Ont.	nton, Oat.	Railways and Canals Dept., Ottawa.
& Aylır	ays and Ca	er Railwa awa, Ont.	E. Russell,	tson & A	tson & N	E. Russell,	gs & Ross,	E. Russell,	dpb McDo	ıddell, Trer	ıddell, Trer	ays and Ca
Brown	Railw	Minist Otts	John	Rober	Robert	John	Jennin	John	Rand	R. We	R. W	Railw
ent Vulley casal	ent canal	ent canal	ent canal	ent canal	ent canal	ent canal	ent canal	ent canal	ry of Quinte	ty of Quinto	vy of Quinte	29-8-16 Trent canal
1	-				d			$d \dots T_I$				-16 -17
27-6	26-7	26-7	21-10	27-9 15-6	Not issue	21-10	29-7-	Not issue	27-0	25	16-6	29-68
ikford, Ont	kee Boanets, Ont	kee Bonnets	lleys Bay, Ont	Ross, Ont		lleys Bay, Ont 5-7-16	lleys Bay4-6-16	Ross, Ont 5-7-16	Hope, Ont	ourg, Oat	ton, Oat	Bobcaygeon, Ont
Fran	Уда	- :	Brac	Gler	Gler	Brac	Brac	:	Port	Cob	Tre	Bob
Dipper dredge	Dipper dredgo	Slamshell dredge	Dipper dredge	Dipper dredge	Orill scow	Chamshell dredge	Dipper dredge	Poating derriek.	Dipper dredge	Dipper dredge	Dipper dredge	Drill boat
		<u> </u>	:				:	:			:	
Wood	Wood	Wood	Wood	Wood	Wood	Wood	Wood		Steel	Wood	Wood	29 1969 Wood 29 Peterboro, Ont.
Kirkfie	Poterb	Peterb	Toront	1914  Glea R	1914 Glen R	Toront	1960 Midlan		Wellan	Lachin	Trento	Peterb
) × 50	176	190	283		===	2422	174		. 510	392	25.52	
v, Oat.	oro, Ont.	oro, Ont.	o, Ont.	oro, Ont.	oro, Ont.	o, Ont.	d, Ont.	(;	Dredge No. 10	wood, Ont.	on, Ont.	oro, Ont.
Alfred	Fenelon 126728 Peterbo	Auburn 131181 Peterbo	Dragon Rouge	A.R. No. 1	7.A.R. No. 2 131189 Peterbo	slander 121845 Toronte	ack Canuck 126652 Midlan	ioneer (Not registered	M. Company 134457 Toront	Togo	Trenton	Frank Fairen 126727 Peterboro, Ont.
	Alfred	89 1895 Wood.  Bipper dredge Frankford, Ont.  19-9-16 Treat Valley caaal Brown & Aylmer, Campbelllord, Ont.  146 1963 Wood.  Dipper dredge Yankee Boanets, Oat 27-2-16 Treat canal Railways and Canals Dept., Ottawa.	Lindsay, Ont.    S9   1895 Wood.   Dipper dredge   Frankford, Ont.   19-9-16   Trent Valley caaal   Brown & Aylmer, Campbelllord,   15-9-17   Treat canal   Brown & Aylmer, Campbelllord,   15-9-18   Treat canal   Dipper dredge   Trankford, Ont.   Treat canal   Treat ca	185 Wood.   Dipper dredge   Frankford, Ont.   15-9-16   Trent Valley canal   Brankford, Ont.   15-9-16   Trent Valley canal   Brankford, Ont.   15-9-16   Trent Canal   Brankford, Ont.   15-9-16   Trent canal   Brankford, Ont.   10-7-17   Trent canal   Brankford, Ont.   Brankford, Ont.   10-7-17   Trent canal   Brankford, Ont.   Brankford, Ont.	185 Wood   Dipper dredge   Frankford, Ont   15-9-16   Trent Valley caaal   Dont   Ont   Ont	185 Wood.   Dipper dredge   Frankford, Ont.   15-6-17   Treat canal   Brown & Aylmer, Campbelllord, Ont.   15-6-17   Treat canal   Brown & Aylmer, Campbelllord, Ont.   15-6-17   Treat canal   Railways and Canals Dept., Ottawa.   15-7-16   Treat canal   Railways and Canals Dept., Ottawa.   190   Peterboro, Ont.   190   Peter	185 Wood	1855 Wood	186	196   Wood   Wood   Dipper dredge   Frankford Ont.   19-9-16   Treat canal   Brown & Aylmer, Campbelliord, Ont.   196   Raikold, Ont.   196   Raikold, Ont.   197-17   Treat canal   Ont.   O	1865 Wood   1895 Wood   1895 Wood   1895 Wood   1894 Wood   1895	186   Wood.   Dipper dredge   Frankford, Ont.   15-6-17   Treat canal   Brown & Aylmer, Campbellord, Ont.   146   Paterboro, Ont.   15-6-17   Treat canal   Brailways and Canals Dept., Ottawa, Ont.   150   1912 Wood.   Dipper dredge   Yankee Boancts, Oat.   29-7-16   Treat canal   Railways and Canals Dept., Ottawa, Ont.   190   1912 Wood.   Dipper dredge   Brailways Bay, Ont.   291-7-16   Treat canal   John E. Russell, Toronto, Ont.   15-7-16   Treat canal   John E. Russell, Toronto, Ont.   15-7-16   John E. Russell, Toronto, Ont.   John E. Russell, Toronto, Ont.

WESTERN ONTARIO DIVISION-John Dodds, G. M. Arnold and J. B. Stewart, Inspectors. DIVISION DE L'ONTARIO-OUEST-John Dodds, G. M. Arnold, et J. R. Stewart in

	5-9-16 Now Wolland canal C. S. Boon Dredging & Contracting 23-8-17 Co., Toronto, Ont.	23-5-16 Toronto and vicinity Glyn Osler & Geo. II. Cussels, 8-4-17 Toronto, Ont. Parento, Ont. 29-3-17 26-3-18
vart, inspecteurs.	Now Wolland canal	Toronto and vicinity
i, et J. D. Ster	5-9-16 28-8-17	23-5-16 8-4-17 29-3-17 26-3-18
MANASION DE LONTAMO-O CEST-JORG DOGGS, O. M. ARIOIG, et J. D. Seewart, inspectours	Port Wellor, Ont	Toronto, Ont
TAMO-OCESI-	Dipper dredge Port Woller, Ont. 28-8-16	Suction dredge Toronto, Ont 20-5-16 2nd inspection.
DE LOISINE DE LOIS	528 1914 Steel	1,207 1914 Steel
	528	1,207
	Charles Boone	Cyclone

TABLE II—Continued.—TABLEAU II—Suite.

WESTERN ONTARIO DIVISION-John Dodds, G. M. Arnold and J. B. Stewart, Inspectors, DIVISION DE L'ONTARIO-OUEST-John Dodds, G. M. Arnold et J. B. Stewart, inspectours

									7	GEO	RGE	. V,	A. 19	17
Name and Address of Owners. Noms et adresses des proprietaires.	Toronto Ilarbour Commissioners, Toronto, Out.	Dominion Dredging Co., Ottuwn, Unt.	Marlton & Norton, Goderich, Ont.	Penetang Dredging Co., Penetang, Ont.	Ottawa Contractors, Ltd., Ottawa. Ottawa.	Canndian Dredging Co., Midland, Ont.	W. Martin and W. L. Norton, Godo-rich, Ont.	Canadian Dredging Co., Midland, Ont.	Cauadian Dredging Co., Midland Ont.	Canadian Dredging Co., Midland, Ont.	The Windsor Dredging Co., Windsor, Ont.	The Great Lakes Dredging Co., Ltd., Port Arthur, Ont.	Washago Randolph McDonald Co., Toronto, Ont.	Port Maithand and Tho-Tho Canadian Sand & Gravel Co., rold.
Where employed. Localités où employés.	Toronto bay	Welland canal	Not issued Goderich harbour	Not issued Stargeon Point and Penetang.	Hamilton harboar	Wolland canal	Not issued Goderich harbour	Welland ennal	Welland ennal	Welland canal	Hamilton harbour	Port Maithand	Trent canal Washago division.	Port Maithand and Tho-
Certificate: Issued— Expires. Certificat: Délivence— Expiration.		5-9-16 29-8-17	Not issued	Not issued	20-11-16 6 11-17	31-10-16 25-10-17	Not issued	30-10-16 21-10-17	19-5-16	30-10-16	2-5-17	29-5-16	Not issued	12-5-16
Port and Date of Inspection. Ports et dates d inspection.	Toronto, Ont	Port Weller, Ont	Goderich, Ont	Stargeon Bay, Ont. 22-9-16	Hamilton, Ont 6-11-16	Port Robinson, Ont	Goderich, Ont	Port Robinson, Ont	Port Robinson, Ont	Port Robinson, Ont	Port Dalhousic	Toronto, Ont	Washago, Ont 10 10-16	Thorold, Ont
Class of Vessol. Cutégories des navires.	Suction Aredge Toronto, Ont	Dipper dredge	Drodge	Dipper dredge	saction dredge	Charashell drodgo Port Robinson, Ont. 25-10-16	Drodge	Dupper dredgo	Suction dredge	Dipper dredge	Dipper dre lge	Suction dre lge	Dipper dre lge	Sand sucker Thorold, Ont
Where and When Built. Material Annés et heu de construction. Nature de la coque	1896 Wood Foronto, Ont.	Toronto, Ont. 1906 Wood Reston, Mass.	25x Igil Wood	50 Saugeen, Ont.	.7	470 Welland, Ont.	205 Godeneh, Ont.	371 Welland, Ont.	167 1915 Steal.	145 1908 Steel	1:05 Wood . Sandwich, Ont	602 Terento, Ont.	136 B averton, Ont	Thorold, Ont.
non u	1533	33	88	500	ล์ส์	619	202	3113	-	345	357	12.8	211	510
Name of Vessel - 20 end No. Bort of Registry Norse de minime - Numbers of ends. Pets d'anseg strement	Toronto Rarb'r Colu D'dge No L. 197369 Foronto, Ont.	Dominion No 4	Goderich	Drulge Hackett Influs Stugger, Ont	J W. Honewery 137-91 Foronto, Ont.	Leland 126653 Midland, Ont.	Moneotung 122614 Goderich, Ont.	Monarch 11666s Midland, Ont.	Primrose Milland, Ont.	The Sydenham 126052 Owen Sound, Ont	Peltier 126192 Windsor, Ont.	Shuniah 126031 Port Arthur, Ont.	Simcov. 11626) Toronto, Ont.	Tillie Battle 130286 St. Catharines, Unt.

SE	SSIO	NAL P	APER	No. 2	23
Toronto Harbour Commissioners.	Toronto Harbour Commissioners.	31-3-17 Toronto bay Toronto Harbour Commissioners. 29-3-18 Washago and vicinity Randolph McDonald Co., Toronto, 11-10-17	13-10-16   Port Burwell harbour Public Works Dept., Ottawa, Ont.	Not issued Trent canal, Washago Randolph McDonald Co., Toronto, division.	The Minister of Public Works, Ottawa, Ont.
29-3-17   Toronto harbour	29-3-17 Toronto buy	31-3-17 Toronto bay	Port Burwell harbour	Trent canal, Washago division.	Not issued Thames river
29-3-17 26-3-18	31-3-17 29-3-18	31–3–17 29–3–18 29–10–16 11–10–17	13-10-16 18-9-17	Not issued	Not issued
Suction drodge   Toronto, Ont   (Not inspected.)	Toronto, Ont 29-3-17	Toronto, Ont	Port Burwell, Oat	Washago, Ont 11-10-16	Jeannette's Creek
Suction drodge	Suction dredge Toronto, Ont	Sand sucker Toronto, Ont Dipper dredge Washingo, Out	Dredge	Drill boat	Dredge
1121 1914 Steel		411 1908 Steel	138 1877 Wood	Wallacoburg, Ont. 51 1909 Wood 44 Hastings, Ont.	268 1899 Wood 217 Ottawa, Ont.
Tornado 137875 Toronto.	Dredge No. 2. 122214 Toronto, Ont.	Dredge No. 3	Dredge No. 114. 133941 Ottawa, Ont.	Drill Boat No. 1 126725 Peterboro, Ont.	P. W. D. No. 129. 133928 Ottawa, Ont.

COLLINGWOOD, ONT. DIVISION-E. W. McKean, Inspector.

### DIVISION DE COLLINGWOOD, ONT.-E. W. McKenn, inspecteur.

Algoma Dredging Co., Ltd., Sault Ste. Marie, Ont.	Algoma Dredging Co., Ltd., Sault Ste. Marie, Ont.	C. S. Boon, Toronto, Ont.	A. B. McLean, Sault Sto. Mario, Ont.	S. L. Penhorwood, Sault Ste. Marie, Ont.	S. L. Penhorwood, Sault Ste. Marie, Ont.	Sault Ste. Marie, Ont. Not issued Owen Sound harbour Minister, Public Works, Ottawn. 3-5-16
:		21-7-16 North channel	Not issued St. Mary river	1-8-16 St. Mary river	Shalt Sto. Mario, Ont Not issued St. Mary river	Owen Sound harbour
Not issued	Not issued	$\frac{21-7-16}{10-7-17}$	Not issued	1-S-16 24-7-17	Not issued	Not issued
Chamshell dredge Sault Ste , Marie, Ont Not issued St. Marys river $24.7\text{-}16$	Hopper dredge Sault Ste, Marie, Ont Not issued St. Mary river. $25-7-16$	Little Current	Sault Ste. Mario	Snult Sto, Mario	Shult Ste. Marie, Ont	Sault Ste. Marie, Ont. 3-5-16
Clamshell dredge	Hopper dredge	Dredge	Clamshell dredge Sault Ste. Mario 3-5-16	Dredge	Dredge	Dredge
1893 Wood Bay City, Ont.	Sault Ste. Marie, Ont.	1895 Wood	Sault Ste. Marie.	1891 Wood	377 1876 Wood	766 Duluth, Minn., U.S.A.
698		269	177	383		76
Ed. McWilliams. 136390 Amherstburg, Ont.	F. R.B. No. 1. 134614 Sault Sto. Mario.	Kingsford 122551 Collingwood, Ont.	McLean No. 3	L. S. No. 8	L S. No. 31. 134197 Sault Sto. Marie, Ont.	P. W. D. No. 109

Table II—Continued.—Tableau II—Suite.

PORT ARTHUR DIVISION—W. J. Vigars, Inspector.
DIVISION DE PORT ARTHUR W. J. Vigars, inspectour.

Name of Vessel Official No. Port of Registry Nonts des navires Nu évis officiels Ports	Lon n age.	Where and When Built—Material Amée et heu de construction. Nature de	Chas of Vessel. Catégories des mavires.	Port and Date of Inspection Ports et dates d'inspection.	Certificate: Issued— Expires. Certificat: Délivrance— Exernation	Localities Where employed. Localités où employés	Nume and Address of Owners. Noms et ndresses des proprietaires.
71221122122122122	1				- The second		
Dominion H6383 Port Arthur, Ont	593	Port Arthur, Ont.	Dredge.	Fort William, Ont	Not issued	Not issued Kaministiquia river	Great Lakes Dredging Co., Port
Empire H6731 Port Arthur, Ont	413	1902 Wood For William, One.	Derrick scow	Port Arthur	31-5-16	31-5-16 Lake Superior	Canadian Towing & Wrecking Co., Port Arthur, Oat.
Kannajuhar 126095 St Catharines, Ont.	57.2	1908 Steel Welland, Oat.	Dredge	Port Arthur, Ont	20-5-16 13-5-16	20-5-16 Thunder bay	Canadiaa Dredging Co., Midland, Oat.
Druge to 5 Haff Per Arthur, Ont	22	Daluth, Minn.	Dipper dredge	Fort William, Ont. 12 5-16	Not issued.	Not issued. Kaministkwin river .	Great Lakes Dredging Co., Port Arthur, Ont.
Dredge No 6 112010 Port Arthur, Ont.	300	1891 Wood	Dradge	Fort William	Not issued	Not issued Thunder Bay	Great Lakes Dredging Co., Port Arthur,
Droke No 8 Hoss Port Arthur, Ont	12	1911 Wood . Port Arthur, Ont.	Dredge	Fort William	Not issued	Kaministiquia river	Not issued Kaministiquia river Great Lakes Dredging Co., Port Arthur.

KENORA DIVISION- Geo. P. Phillips, Inspector.

DIVISION DE KENORA Geo. P. Phillips, inspectour.

ĺ					
1	Dept. Public Works, Ottawa.	Dept. Public Works, Ottawa.	Dept. Public Works, Ottawn,	Dept. Public Works, Ottawa.	24-8-16 Lake Winnipegosis Dept. Public Works, Ottawa. 19-8-17
	9-5-16 Red river	9-5-16 Red river	9-5-16 Red river	9-5-16 Red river	Lake Winnipegosis
	9-5-16	9-5-16	9-5-16-5-5-17	9-5-16	24-8-16 19-8-17
	Salkirk, Man. 4-5-16	Selkirk, Man 4-5-13	Selkirk, Man 5-5-16	Selkirk, Man. 5-5-16	Winnipegosia, Man
	Suction dredge Selkirk, Man	Dredge.	Dredge	. Dredge.	Dredge.
	1909 Wood . Selkirk, Man.	2 Selkirk, Man.	2 Selkirk, Man	4 Selkirk, Man.	9 Winnipegiesis, Man.
ļ	4 CT	1332	132	T I	50
	Dredge 201 (Winnipeg intended )	Oredge 202. (Winniper intended)	fedse No. 204 (Wanipeg intended.)	Dredge No. 205 (Winnipeg intended )	Dredge No. 216 (Winnipeg intended.)

COLOMBIE ANGLAISE, DIVISION DE VANCOUVER-H. G. Robinsoa at A. E. Hopper, inspecteurs. BRITISH COLUMBIA, VANCOUVER DIVISION-H. G. Robinson and A. E. Hopper, Inspectors.

y-Atlin Cons. Co., Ltd., Victoria, B.C.	Corporation of City of New West- minster, B.C.	Public Works Dept., Ottawa.	Public Works, Dept., Ottawa.	& Lady- C. P. Railway, Montreal, P.Q.	British Columbia Telephone Co., Ltd., Vancouver, B.C.	West Coast Bridge & Dredging Co., Vancouver, B.C.	Fraser river Sand Heads Public Works Dept., Ottawa.	Lady-Canadian Pacific Railway Co., Vancouver, B.C.	Nanoose Can. Pac. Railway Co., Moatreal, P.Q.	and Lady Can. Pac. Ry. Co., Montrenl, P.Q.	Dewdney Gravel Co., Ltd., Van- conver, B.C.	J. W. Pike, New Westminster, B.C.	J. W. Pike, New Westminster, B.C.	Navigation Dredging Co., Ltd., Vancouver, B.C.	Stunrt Cameron, Vancouver, B.C.	, Minister of Public Works, Ottawa.
Prince Rupert, & Lady-Atlin Cons. smith, B.C.	Victoria harbour	Fraser river	Vancouver harbour	Vancouver Id. & Lad smith.	Not stated	Vancouver harbour	Fraser river Sand Head	Vancouver and Lad smith.	Vancouver & Nanoo bay.	Vancouver and Lad smith.	Fraser river	Fraser river	Fraser river	Vancouver harbour	Vancouver habour	Nanaimo harbour
5-6-16 1-6-17	19-12-16 18-12-17	31-3-17 19-2-18	17-2-17 $8-2-18$	27-3-17 25-3-18	Not issued	10-6-16 9-6-17	26-9-16 26-9-17	29-12-16 5-6-17	28-2-17 1-2-18	26 - 4 - 16 23 - 4 - 17	30-11-16 $5-11-17$	25-9-16 18-9-17	28-4-16	$\frac{1-8-16}{5-7-17}$	9-10-16 4-10-17 Not issued	30-6-16 1-6-17
Prince Rupert, B.C	Vancouver, B.C	Vancouver	Vancouver, B.C	N. Vancouver, B.C	Vancouver, B.C	Victoria, B.C	Vancouver	Vancouver, B.C	Vancouver, B.C	Vancouver, B.C	Eburne, B.C	Essondale, B.C.	New Westminster	New Westminster.	Vancouver, B.C. 5-10-16 Seattle, Wash	Vancouver, B.C
Coal barge	Clamshell dredge	Suction dredge	Dredge	Coal barge	Cable barge	Dredge	Suction dredge	Tow barge	Car ferry	Barge	Dredge	Dredge	Dredge	Dredge	Dredge	Rock breaker
1,243 1876 Wood	1913 Wood New Westminster.	1901 Composite New Westminster.	748 1910 Steel	1,624 1876 iron 1,561 Liverpool, G.B.	1909 Wood	484 Wood	1907 Steel	772 Vancouver, B.C.	1,042 1913 Steel	1,383 1868 Wood 1,273 Farmingdal, Me.	182 Eburne, B.C.	1909 Wood	119 New Westminster, B.C.	1909 Wood New Westminster, B.C.	515 1904 Wood	1914 Sheel
1,243	424		748	1,624	137	25. 25.			1,042			157	=======================================	338	512	
Donald D	John A. Lee. 133989 New Westminster	King Edward(Not registered.)	Mastodon. 129529 Vancouver, B.C.	Melanope	Pacific Coast Cable Co. No. 1 134069 Vanconver, B.C.	P. S. B. and B. C. Dredge No. 1 131038 Vancouver, B.C.	P. W. D. Dredge No. 303 (Not registered.)	Transfer No. 1. 107443 Vancouver, B.C.	Transfer No. 4	C. P. R. No. 100. 134348 Montreal, P.Q.	D.G. 3 131029 Vancouver, B.C.	P. D. C. No. 2. 130491 New Westminster.	P. D. C. No. 3. 130863 New Westminster.	P D.C. No. 4 130864 New Westminster.	P.D. Co. No. 4 (Ex Tacoma)	Lobnitz, Rock Breaker No. 2 137960 Vancouver, B.C.

## TABLE II—VANCOUVER DIVISION,—Concluded.

COLOMBIE ANGLAISE, DIVISION DE VANCOUVER-II, G. Robinson, et A. B. Hopper, imprectours. BRITISH COLUMBIA, VANCOUVER DIVISION-II, G. Robinson and A. B. Hopper, Inspectors.

Certificate: Issued— LApires. Loenittés où Certificat: Loenittés où Délivrance Expiration.	3.C. 31-10-16 New Westminster and Vancouver, Vietoria & Eastern 27-9-17 Sidney, Vancouver Railway & Nav. Co., Vancouver, Railway & Nav. Co., Vancouver,	36-9-16 New Westminster and Vancouver, Vietoria & Eastern Ry. 27-9-17 Sidney, Vancouver & Nuv. Co., Vancouver, B.C.	9-7-16 Vinesieco. The Sup The Ship Simla Co., Ld., Van-	14-6-16 Harbour Vaccouver Dredging & Salvage Co.,
Port and Date of Inspection. Ports et dates d'inspection.	Car ferry New Westminster, B.C. 31-10-16	New Westminster 29-9-16	Vancouver, B.C	Vancouver, H.C
Catégories des navires.	Car ferry	Tow barge New Westminster.	Oil barge	. Dredge.
Where and When Built Material. Année et lien de coestruction— Nature de la coque.	1913 Wood Seattle, Wash.	1908 Wood Seattle, Wash	1890 Steel.	7 1912 Wood
Ton-	656	nn	2,261	101
Name of Vessel—Official No.—Port of Registry. Name des naviree— Numéres officials—Port d'enregistrement.	Sidney No 3	Scheev No. 2 125179 New Westminster	Simla Vancouver, B.C.	Skookum No. 2

BRITISH COLUMBIA, VICTORIA DIVISION—W. J. Cullum and B. Mantrop, Inspectors.
COLOMBIE-ANGLAISE, DIVISION DE VICTORIA—W. J. Cullum of B. Mantrop, inspecteurs

				7 G	EOR	GE V	, A.	1917
	Public Works Dept., Ottawa, Ont.	Minister Public Works, Ottawa.	West Coast Bridge & Dredge Co., Vancouver, B.C.	Public Works Dept., Ottawa.	Minister of Public Works, Ottawa, Ont.	Minister of Public Works, Otta wa	Minister of Public Works, Ottawa, Ont.	31-3-17 Vancouver ot Nanoose Can. Pue. Railway Co., Montreal, 28-2-18 bny.
	3-3-17   Harbour	39-12-16 Harbour	4-12-16 Vancouver	26-11-16 Harbour	22-11-16 Harbour	19-2-17 Vietoria harbour	30-6-16 Nanaimo harbour	Vancouver ot Nanoose bay.
	3-3-17	30-12-16 25 12-17	$\frac{4-12-16}{1-12-17}$	26-11-16 15-11-17	22-11-16 20-11-17	19-2-17	30-6-16	31-3-17 26-2-15
	Esquimult, B.C	Victorin, B.C	Vancouver, B.C	Nanaimo, B.C16-11-16	Esquimult, B.C	Victoria, B.C. 17-2-17	Nanaimo, B.C.	Vancouver, B.C
The state of the s	Dipper dredge	Drill scow	Harbour and dipper Vancouver, B.C dredge.	Dipper dredge	Clamshell dredge Esquimult, B.C. 20-11-16	Dredge.	Dredge	Railway carbarge.
Day of the same of	203 1800 Wood	Wood Unknown	616 Wood Unknown	73x 1908 Steel. 53x New Westminster.	20x 1913 Wood	222 Renfrow	1913 Netoria, B.C. 1913 Renfrew, Scot.	973 Victoria, B.C.
			616	533	566		:	1,090
	Mudlark 193361 Victoria, B.C.	Drill Plant No 1 Not registered	Puget Sound 134061 Vancouver, B.C.	P. W. D. Dredge No. 301	P. W. D. Dredge No. 313	Rock Cutter P.W. D. No. 1 130895 Vetoria, B.C.	Lobnitis Rock Cutter No. 2	Transfer No. 2 1223x1 Victoria, B.C.

SESSIONAL PAPER No. 23

Tableau III.—Barges (en remorque) pour passagers, inspectées durant l'année fiscale terminée le 31 mars 1917. Table III.—Passenger Barges (towed) inspected during the Fiscal Year ended March 31, 1917,

Name and Address of Owners.  Noms of adresses des propriétaires	Blind River Transportation Co., Blind River, Ont.	The Quebec Salvage & Wrecking Co., Montreal, P.Q.	Western Trans. Co., Ltd., Nanaimo, B.C.	Oromocto to Fredericton Martin Currier, Oromocto, N.B.
Route.	Blind River	Montreal and Gulf	Nanaimo harbour	Oromocto to Fredericton
Certificate: Issued— Expires. Cortificat: Déliyrance— Expiration.	30-9-16 17-9-17	29-5-16 1-11-16	9-3-17 9-3-18	Not issued
Pass. Pass.	255	40	290	
Port and Date of Inspection Ports et dates d'inspection.	Blind River, Ont	Quebec, P.Q	Nanaimo, B.C	Fredericton, N.B
Where and when Built—Material. Année et iteu do construction Nature de la coque.	1903 WoodBlind River, Oat.	1890 WoodBridgewater, N.S.	1915 Wood N. Vancouver, B.C.	1913 Wood Oromocto, N.B.
Ton-	79	343	61	
Name of Vessel—Official No.—Port of Registry. Nome des navires— Numéros officiels—Ports d'enregistrement.	Chiblow. 121842 Toronto, Ont.	G.T.D. 97096	Rainbow No. 2	'ivian C (Not registered.)

Table IV.—Vessels not Inspected during the Fiscal Year ended March 31, 1917.

Tableau IV.—Navires non inspectés durant l'excerice financier terminé le 31 mars 1917.

Name of Vessel.		Tonnage.	Class of Vessel.		Reason for Non-Inspection
Noms des navires.		Gross-Brut	Catégories des navires.	District.	Motif de la non-inspection
A. U. McKinstry A. V. Crawford		1,964	Ser. Frt	Montreal	Changed district.
A. V. Crawford		554·04	Ser Tug. St. Whl. Frt & Pass	Toronto	Not running. Laid up—no application.
Acacia .		349·05 107	er. Tug	Toronto	No application.
Acadia .		846	SCI	Halifax .	Naval Service. Not yet inspected.
Acadia . Accommodation.		409-37	Ser. Tug	St. John . Montreal.	Sold to 1 oreigners, U.S.A
Accommodation		49 12	Tw. Scr. Sand barge Ser Tug.	Montreal Kenora	Changed district Not running
Actress		144-61	Tw. Ser. Tug	Victoria	No application.
Adreleixca		54 - 50	Ser. Pass	Kingston	Not fit for service-hu
		14			used up. Not running.
Agwinde . Alberdyce.	·	307 30·30	Pdl. Pass	Kenora Vancouver	Boilers and Machinery taken out—engine ins
Albert Lea		18-67	Ser. Tug .	Victoria	talled. Laid up no application.
Alcedo		12-89 69.72	Ser. Fisheries Cruiser	Victoria	No application.
Algoma		47 · 41	Ser Tue	Port Arthur .	Not in commission.
Algonquin .		372	Dipper Dredge Ser Fish. Tug Ser. Tug Hbr	Montreal	Change I district
Mice G Mice Maud		36 44 84	Ser. Fish, Tug Ser. Tug Hbr	Collingwood Halifax	No application. Laid up
Allans No. L.		950	Situate Darrick	Montreal.	No application.
Alma		43	Scr. Tug	Sorel Toronto.	Laid up no application No application.
Alva W Amnble Dufond		17	Pell. Tug.	Montreal	Not in commission.
Amherst		137 - 51	Ser Tug	St John	Sold
Anchera. And ver		6 176 50	Fish, Tug . Pish, Tug . Pdl. Tug. Ser Tug Ser Yacht . Stn. Whl. Frt. and P. 1988	Toronto Victoria	Not running. Last up—no application
Anamoose		68-07	Ser Tug .	Victoria	Laid up = no application
Andy		45-20		Vietoria	Latel up = no application.
Animay		N 56	Ser Tug Ser, Tug Ser, Tug Ser, Tug	Toronto.	Not running.
Arel bali		15-65	Scr. Tug	Edmonton.	Foundered
Arct e Stewart		50	Ser. Tug.	Montreal. Feronto	No application Not running.
Argyle Ariac ne		13.88	Ser. Tug Ser Pass, gas Ser Tug	\ ancouver	No application.
Arrah Wanna		21	Ser Tug	Eingston	Not in commission.
Arthur Aylour.		14-05	For Pass and litt.	Montreal. Montreal	Not in commussion Changed district
B C Expre		415-55	Stn Whl Frt and Pass	Victoria	Laid up no application
B X		767 69		Vectoria	Laid up no application
		323 37	Stn Whi Frt and Pass		
Balmoral Bratia		51.70	Droda	Kenora Vincouver	Not running Not in committee
l' crice (		16	Pdl Warp Tug Ser Tug	Montreal	No application
la ver		25 02	Ser Tug	Victoria	Laid up no application
Beier		511	Dre lge	St John	Lai Lup
He la Donna Bel Vit		57	Ser Pa.	Loronto	Not running No application
Belle of Teo ag an i		161	Pass Tog or Pass and Lit	Ising ton	Not in commission.
Be Didler		102	Sor Fri	Vancouver	Inspects I since Mar 31,
Berm (a		72 0.	Ser Tug	/ ne suver	Not in commission
Bill ra Bic iri se		113 1,515	Ser Tug Ser Yacht Ser Irt.	Feronto Kingston	Not running Not in di trict
Blanc'e		561	Ser Tug	Montreal	Not in commission.
Elanche B		14:0	ber Pass gas	Vancouver	Not in committee.
Bla Bell Bol		12	or Pass gas or Yacht or Pas	lying ton . Bingston	Not in commission.
Bo naza King		26		Vancouver	Not in commission
Honn toba		1 4	oth Whi Pass and Frt I'll Pass	Kenora	Not running
Boonton Borriobes la Gha		115 46	Ser. Tug Hir	Halifax	Inspection not applied for Laid up.
Pru wick		141	Ser Irt	St John	Inspected elsewhere.

### Table IV—Continued.—Tableau IV—Suite.

Name of Vessel.	Tonnage.	Class of Vessel.	District.	Reason for Non-Inspection
Noms des navires.	Gross-Brut	Catégories des navires.		Motif de la non-inspection.
Brusier C. F. P. C. R. Lamb.	24 · 33 194 · 98 120 · 95	Dredge Scr. Tug Stn. Whl. Frt. and Pass.	St. John Vancouver Victoria	Not yet inspected. Not in commission. Laid up—ao application.
C. S. Parnell. C. W. Endress Calumet Island Calypso	16.90 146 18 15	Ser. Tug Fish. Tug Stn. Wheel Ferry Ser. Pass	Quebec Toronto Montreal. Kingston	Not in commission. No application. No application. No application.
D. G. C. Canada Canso Cara Cara Caraboo Caspian	410 · 62 225 23 29 957	Tw. Ser. Ser. Tug. Ser. Tug. Ser. Frt. Tug. Pass. Pdl	Halifax St. John Kingston Edmonton Kingston	Naval Service. Inspected elsewhere Not in commission. Laid up—no application. Not in commission.
Cecelia S	543 71 33	Ser. Pass	Kingston	No application.
Champion	190 · 14 42 28	Ser. Tog Ser. Pass	St. John Kingston	Broken up. Hull broken-machinery renewed.
Charley M. Scott Chateauguay Cheerful Chemaiaus	17 332 79·55 153·25 71·00	Ser. Tug Pdl. Pass Ser. Tug Ser. Tug	St. John	Laid up Removed out of district. Not in commission. Undegoing inspection.
Chicora	931 100-96 63-69	Pdl. Pass Stn. Whl. Frt. and Pass	Toronto Victoria	Laid up. Laid up—no application.
Chilcoten	434 · 55 273 · 77	Stn. Whl. Frt. and Pass	Victoria	Laid up-no application.
Christena Mac	11 11 7.45	Ser. Tug Ser. Frt. and Pass	Port Arthur Victoria	No application. Laid up—no application.
City of Chatham City of London City of St. Boniface Clare Clipper Clipper Clucus Clopatra Clymene Colonial Comet Commodore Commodore Jarvis Constance Conveyor	10 287 22-97 724-97 456-52	Ser, Tug. and Pass Ser, Tug. Ser, Tug. Hbr Ser, Tug. T. S. Frt Ser Tug Ser, Tug. Ser, Tug. Ser, Tug.	Collingwood Montreal. Kenora Halifax Kenora Port Arthur Toronto St. John Montreal. Toronto Halifax Quebec Toronto Vancouver Victoria	Not running. Not in commission. Not running. Laid-up Not running. No application. Not running. Loid-up. Not in Commission. Not running. Laid-up Not in commission. Not running. Laid-up Laid-up Not in commission. Not running. Loid-up—no application.
Coponning. Corinne Corunna Courier. Crescent Crescent Croster. Crofton	1269 13 41 19 37	Ser. Tug. Ser. Tug. Class IV Coust Ser. Tug. Ser. Yacht Ser. Pass. Tug. Ser. Frt	Toronto Sorel St. John Montreal Montreal Edmonton Victoria	Not runaing.  No application.  No application.  Not in commission.  Laid up—no application.  No application.
Cynthia W. D. G. No. 8. Dredge L. S. No. 3. Dredge Q. & R. Dredge No. 1 Dredge No. 1 Dredge No. 2 Dredge No. 2 Dredge No. 5 No. 1 No. 8 Dredge No. 0. No. 15 Drodge No. 0. Dredge Deschesnes. Dredge Julia Murphy Dredge Wingfield. Daisy	38.3 451 152-54 163-60 234 176 415 434 327 123 238 	Dipper Dredge. Dredge, Hbr Dredge, Hbr Dredge, Hbr Dredge	St. John Vancouver. Collingwood Montreal. Halifax Halifax Halifax Halifax Collingwood. Port Arthur. Port Arthur. Collingwood Port Arthur. Collingwood Montreal. Collingwood Collingwood Collingwood Kenora	Inspected elsewhere. Not ia commission. Not running. (Thinged district. Vo application. No application. Not running. Not in commission. Not running. Not in commission. Not running. Not in commission. Not running.
Daisy Moore Dalhousic City Dalhous McCarthy Dandy Derrick No. 2 DesBrisay	77	Scr. Tug Scr. Pass Frish. Tug Ser. Tug Steam Derrick	Toronto	Nor running. Inspected since Mar. 31, 17. No application. Not in commission. Not in commission. Inspected since Mar. 31, 17.

### TABLE IV-Continued.—TABLEAU IV-Suite.

	Ton	nage.			
Name of Vessel.	1 01	nage.	Class of Vessel.	District.	Reason for non-Inspection.
Noms des navices.	Gros	s-Brut (	Catégories des navires.	District.	Motif de la non-inspection.
Diago		64 Ser	Tug.	Vuncouver	Not in commission
Diages		617-42 Stn	Tug. Whl. Frt. and Pass	Victoria	Laid up no application.
Don.		358 · 95 11 · 85   Ser	Yacht	Victoria	No upplication.
		6			
Donnelly Dorothy		319   Pdl 19-63   Ser	Tug	Kingston Victoria	Not in commission No application.
Dorothy Symons.		13-35 10-32 Ser		Victoria .	Laid up no application
		7.09			
Dream		44.5! Scr	Yacht	St. John	Laid up. No application.
Donovan Drill Boat Burrard Dragon Ruge. Dryden Bell Ed. Conroy E. E. Frost Lingle Easton. Edith		426 · 26 Roc	k Drill	Vancouver.	Not in commission.
Dragon Ruge		231   Dro	dge	Toronto	Not running.
Dryden Bell		15 Ser	Tug	Port Arthur	Not in commission. No application.
F. E. Frost		13 Ser	Tug.	Toronto	Not in commission.
Lingle		12 Ser	Tug.	Kenora	Not running.
Easton.	1	17.22 Ser	ddge	Montreal . Victoria	Changed district . Laid up -no application.
ESCHELL .		32-11	4.00%		
Edith Edna K Ldward Blake Edwards Bros. No. 2	X -	22 Ser	Tug	St John Toronto Toronto Collingwood	Laid up.
Ldward Blake		22 Ser 22 Ser	Tug .	Toronto	Not running. Not running.
Edwards Bros. No. 2		237 Dr	dge Pass .	Collingwood	No application
Edgin L Lewis				Kingston	Not in commission.
Ella C		15 Ser	Tug	Collingwood .	Not running.
Ella I.lla C I.lla M . I.lla May. Elymer Elymer .		10 Ser	Fish, Boat	Kingston	Not in commission,
Ella M .		420 Ser	Dredge	Toronto.	Not running. Not running.
Edware		41 Ser 12:47 Ser	Pass (Cas)	Toronto . Edmonton	Laid up no application.
Limpress	.	129 Tw	Scr. Tug	Port Arthur.	Not in commission.
Engli h Bay Roamer		15.31 Ser	. Pass. (Gas.)	Vancouver.	No application.
Enola Enterprise	-	20-07 Ser 210-57 Ser	Pusa	Vancouver St. John	Uut of district Inspected elsewhere,
Lqual Rights		14 Ser	Tug	St John Toronto . Montreal	Not running.
Linest		Ser	. Tug	Montreal Collingwood	Not in commission. No application
E panola Lthel		13 Ser	Tog .	Collingwood	No application.
Lithel Banning		35 Ser	Tug	Port Arthur .	Not in commission.
Lithel Q .		55 Ser	Tug.	Montreal.	Changed district.
Eva . Eva Johnson		15.79 Ser	Tog.	St John St John Montrenl.	Laid up
Eva Johnson F. W. McRae		46 Ser	. Tug .	Montreal.	Changed district.
I nirfax	1	365  Ser 019	Pass Gas.). Tag Pass Tug Pass Tug Pass Tug	Ixingston .	No application
Fallons Dredge No 3.		104   Dr	odge	Kingston.	Not in commission
Inlion Bros. No. 5		271 Dec	16 (174)	Kingston.	Not in commission.
Enlmouth Inshion		43 Ser 43 Ser	Tug	>t John Montreal	Laid up Not in commission.
Lenelon Falls Gull		P	Tug Tug Vligut er	lyingston	Not in commission
Not registered				Munteonl	Not in commission
Horence Florence		7 500	Pass and Frt Fish, Tug Whl. Tug	Montreal Kingston	Not in commission
Florence Carlin.		143 - 15 Stn	Whl. Tug	Victoria	Laid up no application.
Florie				Vancousier	No application.
Fore t B		88 Ser	Yncht. Tug.	Vancouver Port Arthur	Not in commission
Frank		185 Dr	sign . Pa.s. Gas.)	Port Arthur.	Not in commission.
Frederick.		26.35 Ser 36 Ser	Tue Gas.)	Vancouver . Port Arthur	Not in commuscion.
Frantier.		30   Ser 200   Pd	Tug . Pass	Toronto	Not running.
fronti-r		750 [Pd]	. Pass	l'eponto	Land up
G H John ton G P Melate h G Whiz.		55 Dip	per Dredge . Tug	Montreal . Port Arthur	Not in commission.
G Whiz.		55 T	Tug . Ser Phas	Toronto	Not running.
Cambeinia		25.63 Ser	Tug. Hbr Tug .	Halifax	Laid up
George A. McLaurin . George L. Young . George H. Jones		17 Ser	Tug .	Port Arthur Port Arthur	Not in commission.
George II Jones		12 Ser 71 Ser 7 Ser 23-80 Ser	Tug.	Collingwood	Not running.
Govern P		7 501	Tug	Kingston .	Not in commission.
George Winfield Smith General Meade		23 80 Ser 241 Dre	Tug .	Quebec Toronto	Not running
Gerald R		51 Ser	Tug Pass	Montreal	Changed district
Cor in in		105 Ser	Fathria	Kingston	Name changed to "Syra- cu c" not in district.
Gipay .	I	469 35 Ser	. Print	Kingston	Usee for towing only.
		24			Sold to foreigners over-
Clenn nt .		957 Ser	Frt.	Kingston	

### TABLE IV—Continued.—TABLEAU IV—Suite.

Name of Vessel.	Tonnage.	Class of Vessel.		Reason for Non-Inspection
Noms des navires.		Catégories des navires.	District.	Motif de la non-inspection
Noms des navires.	Gross-Brut	Categories des navires.		STOCK de la non-inspection
Glenora	17	Ser. Fish. Tug	Port Arthur	Boiler out for repairs.
GoldfieldGoletas	56 13 · 44	Scr. Pass. (Gas.)	Vancouver	Not running.
Gooding	10	Pdl. Warp Tug	Montreal	Not in commission.
Gooding	170	Flont. Elevator	Montreal	Not in commission.
Grande Ligne	69·65 214	Ser Tug	Wanora	Not in commission.
Gray Loggie	99-20	Scr. Dredge	St. John	Laid up.
Gypsy	11	Scr. Yacht	Collingwood	No application.
II. B. Phillips. II. E. Carleton	66 9 · 17	Ser. Fish. Tug. Ser. Tug. Ser. Pass. (Gas.). Pdl. Warp Tug. Flont. Elevator. Ser. Tug. Ser. Tug. Ser. Dredge. Ser. Yacht. Ser. Tug. Tw. Ser. Frt. and Pass. (Gas.)	Collingwood	Not running.
	6.24	(Gas.)		
II. M. Pellatt	1592	Ser. Frt	Montreal	Changed district.
Haddingston	1603 1010	Ser. Frt	Kingston	
Hamiltonian	2347	Ser. Frt	Montreal	Changed district.
Harry E. Packer	1182-52	Ser. Frt	St. John	Out of district.
Harvey H	53 8	Ser Tug	Kingstoo	Not in coronicion
Hazard	34	Scr. Tug	Collingwood	Not running.
Hazel G	10.30	Ser. Frt Ser. Frt Ser. Tug Ser. Tug Ser. Tug Ser. Tug Ser. Tug	St. John	Laid up.
Hazel Graham	19 66	Ser Tug	Montreal	Not in commission.
Hector	21	Ser. Tug	Montreal	Not in commission.
Helen R	11	Scr. Frt	Montreal	Not in commission.
Helen S	13 15	Ser. Tug	Kenora	Not running.
Henri R Highland Belle	50	Ser. Tug Ser. Pass Ser. Frt Ser. Ser. Ser.	Montreal	Not in commission.
Hochelaga	4681	Ser. Frt	Montreal	Changed district.
Hope (Dom. Govt. Fire Patrol).		Scr	Edmonton	Being rebuilt at For
llosanna	89		Sorel	Removed out of district.
Ida Lue	44.51	Ser Tug Hbr	Halifax	No application.
Ida II	17 30	Ser. Yacht	Toronto	Not running.
IlandIlderim	18	Ser. Yacht	Toronto	Not running.
Imperial	796	Ser. Frt	Toronto	Inspected since Mar. 31st.
Inlander	520.88 1669	Stn. Whl. Frt. and Pass Ser. Frt.	Vancouver	Not in commission.
Iocoma	6	Ser. Tug	Collingwood	No application.
Iroquois	286	Dredge Ser. Class III	St. John	Laid up
Iroquois	307	Ser. Class III	Collingwood	Smith. Removed out of district. Removed out of district. No application. Not running. Not running. Not running. Not running. Inspected since Mar. 31st. No application. Laid up Not running Season 1916— without equipment. Not in commission. Not running. Not in commission. Taken out of district.
Island Lassie	7	Ser. Yacht	Kingston	Not in commission.
Islay	175	Scr. Pass	Toronto	Not running.
Isleway	14 507	Scr. Yacht Scr. Dredge	Montreal	Not in commission.
Isobel J. B. Hamil	169	Dredge	Kingston	Not in commission
J. D. Morrison	116	Scr. Tug	Port Arthur	Taken out of district.
J. E. Mills J. F. Booth	149 90	Ser. Yacht Pdl. Pass	Toronto	Not running.
3. 1 , Dootti	57	A CLI. 1 2000	1	
J. G. Cox		Ser. Frt. and Pass. (Gas.)	Victoria	Laid up-no application.
J. W. Ward	64 19	Scr. Tug	Toronto	No application.
Jasmin,	298	Scr. Pass	Port Arthur	Laid up.
Innactt R	20 57	Ser. Tug	Port Arthur	Taken out of district.
Jassie Hall. Jessie M	14	Ser. Tug	Port Arthur Collingwood	No application.
Jessie Mac	56-99	Ser. Tug	Vancouver	Inspected since Mar. 31, 1
Jericho. John A. Minor John E. Monk	44.33	Ser. Tug	17	11
John E. Monk	40 58	Scr. Tug	Toronto	Not running.
John Fraser	6	Ser. Yacht	Toronto	Not running.
John Haggart	184	Ser. Class 2	Collingwood	Not running. No application. Not running. No application. Laid up—no application.
John L. Card	141-06 95-92	Tw. Ser. Frt	Victoria	
		Ser. Tug	Kingston	Not in commission. Not running. Laid up.
John Milton	14		Toronto	Not running.
John Milton	10	Ser. Tug	St Lohn	Loidan
John Milton Jolly IV Joseph	10 54	Ser. Tug	St John	Laid up.
John Milton Jolly IV. Joseph Jubilee	10 54 117 45	Ser. Tug Ser. Pass Ser. Tug	St. John Montreal Kenorn	Not in commission. Not running.
John Milton Jolly IV. Joseph Jubilee Julia V Julius Wolff	10 54 117 45	Ser. Tug Ser. Pass Ser. Tug	St. John Montreal Kenorn Halifax	Not in commission, Not running. Laid up.
John Milton	10 54 117 45 35 · 02 180 · 14	Ser. Tug	St. John Montreal Kenorn	Not in commission. Not running.
John Milton Jolly IV Joseph Jubilee Julia W Julius Wolff Kaleden	10 54 117 45 35·02 180·14 113·49	Ser. Tug Ser Pass Ser. Tug Ser. Tug Ser. Tug Ser. Tug Sta. Whl. Frt. and Pass Ser. Yacht.	St. John Montreal. Kenorn Halifax Victoria Kingston.	Not in commission. Not running. Laid up. Laid up—no application. Not in commission.
John Milton Jolly IV Joseph Jubilee Julia V Julius Wolff Kaleden Kate Katherine K.	10 54 117 45 35·02 180·14 113·49 23	Ser. Tug Ser. Tug Ser. Tug Ser. Tug Ser. Tug Ser. Whl. Frt. and Pass Ser. Yacht	St. John Montreal Kenorn Halifax Victoria  Kingston Vontreal	Not in commission.  Not running. Laid up. Laid up—no application.  Not in commission.  Changed district.
John Milton Jolly IV. Joseph Jubilee Julia V Julia V Kaleden Kate. Katherine K. Kathleen.	10 54 117 45 35·02 180·14 113·49 23	Ser. Tug Ser. Tug Ser. Tug Ser. Tug Ser. Tug Ser. Whl. Frt. and Pass Ser. Yacht	St. John Montreal Kenorn Halifax Victoria  Kingston Vontreal	Not in commission.  Not running. Laid up. Laid up—no application.  Not in commission.  Changed district.
John Milton Jolly IV Joseph Jubilee Julia V Julius Wolfi Kaleden Kate Katherine K.	10 54 117 45 35·02 180·14 113·49 23	Ser. Tug Ser Pass Ser. Tug Ser. Tug Ser. Tug Ser. Tug Sta. Whl. Frt. and Pass Ser. Yacht.	St. John Montreal Kenorn Halifax Victoria  Kingston Vontreal	Not in commission.  Not running. Laid up. Laid up—no application.  Not in commission.  Changed district.

### TABLE IV—Continued.—TABLEAU IV—Suite.

	99			
Name of Vessel.	Tonnage.	Class of Vessel.		Reason for Non-Inspection.
Manage des consistes		Catégories des navires.	District.	Watif da la mon incorretion
Noms des navires.	Gross-Brut	Curegories des navires.		Motif de la non-inspection.
Kestrel	311.07	Ser. Frt	Victoria	Foreign ports—act avai-
	187.75			
Kilbirnie Kdlarney Belle Lina Victor	15	Ser. Yacht	Kingston	Not in commission.
King Fisher	28 77	Scr. Tug	Port Arthur	Taken out of district.
King Fisher Kingsway Kinmount.	246.75	Ser. Fish.	Vancouver	lable. Not in commission. Not running. Taken out of district. Inspected since Mar. 31, '17 Sold to foreigness—over-
Kinmount	2112 1598	Ser. Frt	Kingston	Sold to foreigners—over- seas.
Kokance	347.50	Stn. Whl. Frt. and Pass	Vietoria	Laid up-repairs to hull.
	164.79			
Kron Prinz Olaf	3924 243	Ser. Frt.	Montreal	Reported foundered. Not running.
L. O. B. Co.	19	Ser. Tug	Montreal	No application. Not in commission. Not in commission.
Lac St. Jean.	184-15	Dredge	Quebec	Not in commission.
Lady of Gaspe	1189.02	Ser. Pass. and Frt	Montreal	Out of district
Lady of the Lake	7	Ser. Yacht	Toronto	Not running.
Lady of the Lake	607	Pdl. Pass	Montreal	Not in commission.
Kruger. L. O. B. Co. Lac St. Jean. Lady of Gaspe Lady of the Lake Lady of the Lake Lady of the Lake Lady Minto Lansdowne	403	Pdl. Tug	Montreal	Not in commission
Lansdowae		Ser. Frt. Buoy Service	St. John	No application.
La l'asse Laura Lee	17	Pdl. Ferry Ser. Yacht	Montreal	No application. Not running.
Lansdowne. La Passe Laura Lee. (Not registered.)				
Laurin and Leiten	297	Dredge (Dipper)	Montreal	Not in commission.
Lee	9 7			Not in commission
Leonorn.	33	Ser. Tug	Vancouver	No application.
Leroy Brooks	61 19	Ser. Tug.	Poronto	Not running. Not running
Lingan.	4676.58	Ser. Frt	Poronto	Inspected elsewhere,
Little Ada	236	Ser. Tug	St. John .	Laid up.
Little Dan	50	Dredge	Halifax . Foronto	No application.
Leonorn. Lercy Brooks Lillie Seaman Lingan. Little Ada Little Dan Little Lake Lizzie Mny. Lobitat. Lolita.	18	Scr. Gas	Collingwood	No application. No application.
Lobnitz No. 3	438-39	Govt. Stonebreaker	St. John	Out of district. Laid up
Lolita.	14 22	Ser. Tug	Montreal. Kenora St. John Mintreal.	No application.
Longueuil	365	Pdl Ferry	Montreal.	Changed district.
Loon Lake Lord Roberts,	9 55.04	Ser. Tug.	Kenora St. John	Not ranning. Inspected elsewhere.
Lord Roberts, Lorignal Bay	33	Ser. Tug. Ser. Tug. Pdl Tug.	M intreal	No application.
Lorne Hale	22 12	Pdl Tug.	Collingwood Moutreal	No application.
Louishurg	1816	Ser. Ferry Class IV	St John	Not in commission. No application.
Loui e		Warp Tug	Montreal	No application.
Lubricator	10·46 7·11	Ser Frt. and Pass .	Victoria	Laid up no application
Ladivica	16.72	Ser. Tug .	Quehee .	Not in commission-boiler
* *			Montreal.	Not in commission.
Lucia	41	Ser. Tug.	Montreal,	Not in commission.
Livor	25.5%	Ser. Gas. Fish. Coast	Halifax	No application.
Mabel Reid	62.52	Ser Tug. Hbr	Halifax	No application
McPhec		Pdl. Steam Scow	Edmonton.	Laid up no application
M. J. O'Brien	252	Pdl .	Port Arthur Toronto	Not in commission.
Mabel D Mabel Reid	38	Fish, Tug. Ser Tug.	St John	No application. Out of district
Mic	529	Ser Pass	Toronto	Inspected in April, 1917.
Maggie Main Maggie May	19	Ser Tug . Ser Pass	Toronto	No application.
Marie Louise.		Ser Tug.	Quebec	Not in commission boiler
			Kingston.,	Not in commission .
Maggie R King Mahone	27 126 - 70	Ser. Tug. Ser. Pass	Montreal	Out of district.
Margaret F	31	Ser, Vacht Ser Tug .	Toronto	Not running.
Margret Q .	24	Ser Tug . Ser, Tug.	Port Arthur	Not located. Luid up
Marguerite Maria	31	Ser Tug.	Sorel	No application.
Marie Josephine		Wreck, Scr. Schr	Quebec	Not in commission.
Marion 32 Marion L. Trotter	49	Ser. Tug Ser Tug.	Edmonton Toronto	Laid up no appueation No application.
Markland	21.92	Scr Pass. Hbr	Halifax .	Inid up.
Marshall W	5 52 1913	Ser. Tug. Ser. Frt	St John.	Laid up Not in district
Maeaba	1267	Per. Prt	Kingston .	THOSE HE CHACLEST
Mather	144	Scr Tug .	Kenora .	Not in commission.
Mattheson Mattawapika	20 12	Ser Tug Ser Pass	Collingwood Kingston	Not running Not in pass service.
The state of the s	1 6			

### TABLE IV—Concluded.—TABLEAU IV—Fin.

	Tonnage.			
Name of Vessel.	Tonnage.	Class of Vessel.		Reason for Non-Inspection.
		_	District.	_
Noms des navires.	Gross-Brut	Catégories des navires.		Motif de la non-inspection.
Maude	19	Ser. Tug	Toronto	No application.
Mazeppa.	149 41.62	Ser. Frt	Toronto	Not running. Laid up.
Mersey Michipicoten	403	Ser. Tug Ser. Class 3	St. John	Not running season 1916.
	000			Trot I dinning season 1510,
Mills	11	Ser. Tug Ser. Pass. (Gas.). Ser. Yacht. Ser. Tug Ser. Tug	Collingwood	No application.
Mina W	7.21	Ser. Pass. (Gas.)	Vancouver	Not in commission.
Minga	20	Ser. Yacht	Toronto	Not running.
Minnie W	57	Ser. Tug	Toronto Port Arthur	No application
Minota	29 235	Ser. Yacht Pdl. Pass	Toronto	Not running.
Mistassini	235	Pdl. Pass	Montreal	Not running. Not running. No application. Not running. Not in commission. Not in commission. Not running. No application. Not in commission. Not in commission. Not in commission.
Mono-Meg	361	Drill Boat	Kingston	Not in commission.
Mont Washel	508 28	Ser. Pass	Kenora Montreal	Not running,
Moose	233	H)rodgo	IPort Arthur	Not in commission
Morning Star	72	Ser. Yacht	Kingston	Not in commission.
Mouping	33.05	Ser. Pass Ser. Pass	Vancouver	
Morinus.	10 35	Dell Warn Tue	Nontreel	Not running.
Minota Mistassini. Mono-Meg Mont Cashel. Montmorency Moose Morning Star. Mouping Morinus. Muskrat. Naiad Naima Nellie Bly	29	Ser. Pass Ser. Pass Pdl. Warp Tug. Ser. Yacht.	Toronto	Not in commission Not running
Nama	42	Ser. Tug	Kingston	Not in commission.
	13	Ser. Yacht Ser. Tug Ser. Tug Ser. Frt. and Pass. (Gas.).	Toronto	Not running,
Nelson	24.53	Ser. Frt. and Pass. (Gas.)	Victoria	Laid up-no application.
Nottio B	16.68 12			Not running.
Nettie B . Nightingale. Nipissing	5	Scr. Fish. Tug	Kenora	Not running.
Nipissing	5 275	Ser. Tug Pdl. Class 3	Collingwood	Not running.
	207		i	
Nora Norcom	24 · 26	Scr. Tug Stn. Whl. Frt. and Pass	Vaneouver	Not in commission.
Norcom	201 - 14	Stn. Whi. Frt. and Pass	Vancouver	Not in commission. Not running.
Northland Echo	146.52	Pdl Pass Frt	Edmonton	Laid un-no anniiention
Northland Staf North King	20	Pdl. Pass. Frt	Edmonton	Laid up—no application. Laid up—no application. Not in district.
North King	873	Stn. Whil Frt. and Pass. Ser. Tug Pdl. Pass. Frt Pdl. Pass. Frt Pdl. Pass.	Kingston	Not in district.
Nontonion	499			Dallana and make
Nortonian	20.14	Gas. Engine Installed	vancouver	Boders and machinery taken out.
Njord	522.55	Ser. Whl. Fish. Coast	Halifax	No application.
Nymoca	51	Ser. Tug	Toronto	I NOT running.
Old Clare	25·66 199	Scr. Tug Dredge	Quebec	Not in commission. Not running.
Onagonah	193	Ser. Frt	Toronto	Not minning
Oniska	6	Sor Poss		Not running.
Ontario	11	Ser. Tug	Toronto	Not running. Not running. Not in commission.
Njord   Njor	23	Ser. Tug. Ser. Tug. Ser. Pass	Port Arthur Montreal	Not in commission.
Orvil	209.33	Ser. Pass :	1310HUCGH	Out of district. Not in commission.
Osprey	6	Ser. Tug.	Montreal	Not in commission.
Osprey Ott. P.D.C. No. 5. P.W.D. No. 2 P.W.D. No. 3 P.W.D. No. 4 P.W.D. No. 6 P.W.D. No. 14. P.W.D. No. 11. P.W.D. No. 13 Panter	9	Ser. Tug. Ser. Yacht.	Kingston	Not in commission
P.D.C. No. 5	148-97	Dredge	Vancouver	Not in commission.
P.W.D. No. 2	177	Scr. Dredge	St. John	Laid up. Inspected elsewhere.
P.W.D. No. 4	Not regtd	Dredge, Hbr.	St. John.	No application.
P.W.D. No. 6	Not reg'd.	Dredge Scr. Dredge, Hbr. Dredge, Hbr. Dredge, Hbr. Dredge, Hbr. Scr. Dredge. Scr. Dredge. Scr. Tug	Halifax	No application.
P.W. D. No. 14	Not reg'd.	Dredge, Hbr	Halifax St. John	No application.
P.W.D. No. 12	434-84	Scr. Dredge	St. John	Laid up. Inspected elsewhere.
Panter	15	Scr. Tug.	St. John	Not in commission.
Panter	67.71	Scr. Tug Non-Propelled Lighter—	Halifax	Laid up.
		H be	l .	,
Pastime	15	Ser. Tug	Kenora	Not running. Not running.
Peace River	202.02	Pdl. Pass and Frt.	Edmonton	Laid up—no application.
Pearl	6	Ser. Tug Ser. Tug Pdl. Pass. and Frt Ser. Yacht	Toronto	No application.
Pebauvic	29	Ser. Tug	I TOLL MICHIGATION	NOT BE COMMISSION.
Perinonea	178.79	Pdl. Tug	Quebec.	Not in commission.
Perley Holmes	15	Alligator	Port Arthur	Not in commission. Laid up.
Pluvia	42	Coasting Class 3	St. John	No application.
Pluvia Pocahontas	68-13	Scr. Pass	Montreal	No application. Not in commission.
Port Dalhousie	1744	Ser. Frt	Montreal	Changed district.
Port Suppor	38.72	Ser. Tug	Quehec	No application. Not in commission.
Port Simpson Powerfull	29	Pdl. Tug.	St John	Laid up.
Premier	177	Elevator Dredge	Montreal	Not in commission.
Prince Guy	261	Spoon Dredge	Sorel	No application.
Prince Willie	290	Spoon Dredge	Sorel	Laid up-no application.
Princess Louise	26 18	Alligator Ser, Tug. Coasting Class 3. Ser, Pass Ser, Frt. Ser, Trt. Ser, Tug. Stn. Whl. Frt. and Pass. Pdl. Tug. Elevator Dredge. Spoon Dredge. Spoon Dredge. Ser, Pass	Kingston	Not in pass, service
Priscilla	20	Ser. Yacht	Toronto	Not running
	20			

### TABLE IV—Continued.—TABLEAU IV—Suite.

Name of Vessel.	Tonnage.	_	District.	Reason for Non Inspection
NSms des navires.	GrossBrut	Catégories des navires.		Motif de la non-Inspection.
Prictor	43-12 29-32	Ser. Tug. and Pass	Veitoria	Laid up-no application.
Protective	73.47	Ser. Tug. and Pass	Victoria.	Laid up-no application.
Provincial No. 1 Qu'Appelle Queen Queen Queen of Temagami.	49 · 96 168 · 36 82 · 19 115 · 11 36 28	Dredge Ser. Pass Ser. Tug	St John Edmonton. Vancouver. Kingston	Laid up. Laid up—no application. Inspected since Mar. 31, '17 Not in commission.
Quincy	209 · 25 264 203 26 102	Dredge, Hbr Drill Boat Scr. Pass Scr. Tug. Scr. Class III.	Halifax Kingston Montreal Port Arthur Collingwood	Laid up—no application. Not in commission. Not in commission. Not in commission. Not running.
Rat Portage	15 36-14 19	Ser. Tug	Kenora . Vancouver. Kingston	Not running. Not in commission. Not in commission.
Rescue	52 59·90 35·11 266	Ser. Tog. Pdl. Tug. Pdl. Tug. Ser. Pass	Port Arthur St. John St. John Kingston	No application. [Laid up. [Laid up. [Not in commission.
Robbie Burns	\$8.95 250-40	Ser. Tug. Hbr	Halifax	Laid up. Laid up—no application.
Robert Dunsmuir Robert McDonald Roberval Rob Roy Rock Breaker No. 1 Rosamond Billett Rodesale Rosina Rosseau Rosseau Rounder	153 · 22 125 · 78 12 146 679 1507	Tw. Scr. Tug Scr. Frt. Pdl. Tug Scr. Yacht Rock Breaker Scr. Frt. Scr. Yucht Scr. Yacht Scr. Yacht and Pass	Vancouver Kingston Quebec Kingston Kingston Kenora Montreal Toronto Toronto Victoria	Not in commission. Not running Changed district Not running. Not running. Land up—no application.
Roy Hoy Mac Ruby Rustler St Ahce St Andrew	6 23 11 101-54 55 55 76-64	Ser. Yacht Ser. Tog. Ser Tug. Pdl. Ierry Ser. Tug. Pass Tug. Minor Inland Class III	Toronto Toronto Montreal St John Vancouver. St John	Not running. Not running. Not in commission. Laid up. No application. No application
St Antoine.	30 19	Ser. Pass	King-ton	Not fit for service-hull
St. Authony . St. Clarles . St Clare No. 2. St John . St Laurent . St Laurent .	Not regt.	Pdl, Warp Tug Ser Tug Desige Dredge Pdl, Ferry Ser, Pa	Montreal Ixingston Toronto . St. John . Montreal Ixingston	used up. Not in commit ion. Not in commission. Not running. Laid up. Not in commit ion. Not in commission.
St Roch		Ser. Tug . Ser. Page	Quebec . King ton	Not in comma ion. Not fit for service—hull used up
Sidic Sid e Hiltz Sagamo	14 17-39 714 420	Ser. 1 i h. Tug Ser. Par. Gas ) Tw. Ser. Class 3	Foronto Vancouver Collingwood	used up Not running No applie it in Not running
Sand Bird Sandefjor I . Sirn o	tel 6027 1.10	ser l'rt . ser l'rt . ser l'rt	Forento Montre d Ivingston	Vo application. Change I district sold, not in district.
Sy Wien	1152 1960 12 5	Ser Barge Ser, Phos	Sirel Kin ton	Removed out of district. Sold, out of district.
Sesburn . Ses Otter Sesten Lake	12 91 12 91 12 2	er Tw. Yacht Ser Tug Tw. Ser. Frt and Pn .	Montreal Vancouver Victoria	Not in committee. Inspected since Mar. 3t, '17 Laid up no application
Sharer ick		Ser Tug	Victoria	Land up no application.
Shamrock Shamrock II ta Sgma Sr John Sur Lomer Sulken	10 10 10 191 191 43 61	Ser Tug . Ser Yacht . Private Ser Yacht . Ser Tug . Ser Tug . Ser Tug .	Vancouver Forento Torento Port Arthur Montreal Quebec St John	Not in commission. Not running Not running Not are commission. Changed district No application. No application.
11///	01	1.00		1

### TABLE IV—Continued.—TABLEAU IV—Suite.

Name of Vessel.	Tonnage.	Class of Vessel.		Reason for Non-Inspection
Noms des navires.	Gross- Brut.	Catégories des navires.	District.	Motil de la non-inspection.
Skookum No. 1	128 - 94	Dredge	Vancouver	Inspected since Mar. 31, '17
Skookum	16·01 10·89	Ser. Frt. and Pass	Victoria	Laid up—no application.
Slave River	318 - 25	Pdl. Pass. Frt Scr. Tug	Edmonton	Laid up-no application.
SogendaSolid Comfort	16	Scr. Tug Scr. Pass	Port Arthur	Not in commission.
Southwood	14 19	Scr. Tug Ser. Tug.	Toronto	Not running. Not running.
SpiritSport	13 16	Ser. Tug.	Port Arthur   Kenora	Not in commission. Not running.
SprayStandard	18 16	Ser. Tug Ser. Tug Ser. Tug	Kenora Kenora	Not running.
stella. Stella A. K Stigstad	16 61	Ser. Tug .	ICollingwood	INo application
Stigstad	4634	Ser. Tug Ser. Frt. Ser. Tug.	Montreal	Changed district. Not running.
Stoddart Storemount	1955 1231	Ser. Frt	Kingston	Stranded on N.S. Coast.
Strathcona	1881	Ser. Frt	Montreal	Changed district.
Swan	12.27	Ser. Yacht	Vancouver	No application. No application.
Sweepstakes C.F.M No. 4	28 143	!Pdl. Tug	Toronto	No application. No application. Not in commission.
Sweepstakes  F. F. M. No. 4  F. A. Stewart  J. J. Wolfe	36· 202	Dredge. Tw. Ser. Tug. Ser. Frt	St. John Kingston	Laid up. Tonnage reduced and ias
	104		Montreal	pection not required. Not in commission.
Fadenac Fagona Fangent	2004	Ser. Tug Ser. Frt Tw. Ser. Tug	Montreal	Changed district.
Fangent Fantawanta®. Femagami	36 158 53	Scr. Dredge	St. John	Laid up.
remagami	18 12	Ser, Pass	Kingston	No application—used for towing only.
Femiskamingue	295 213	Ser. Pass	Kingston	Not in commission
remiskaming	295Ser.	Pass, and Frt	Montreal Vancouver	Not in commission.
The Chief	325	Dredge	Toronto	Not running.
Thames. The Chief The Pas The Pas Thistle Thomas Fisher Thornieta Thyra Menier	19 23	Ser. Tug Ser. Tug	Kenora	Not in commission. Nor tunning.
Thistle Phomas Fisher	36 52	Fish, Tug Scr. Tug Scr. Pass. (Gas.).	Port Arthur	No application. Not in commission. Not in commission.
Гhornieta . Гhута Menier	14 · 07 1456 · 53	Ser. Frt. and Pass	Vancouver St. John	Inspected elsewhere.
Годо., Горѕу	15 15	Ser. Tug	Collingwood Toronto	Not running. No application.
Corsand	56 39	Ser. Tug. Scr. Yaeht.	Toronto	Not running. Not running.
Frusty	57·66 115	Scr. Pass	Halifax Montreal	Laid up. Not in commission.
Umbria	43	Scr. Tug	Kingston	Not in commission.
Frusty Fug No. 1 Umbria Una Vancouver Varuna	14 47 · 12	Scr. Tug	Toronto Vancouver Kingston	Not running. Inspected since Mar. 31, '17
Varuna	134 85	Ser. Pass	Kingston	Not in commission.
Vera A Vermillion	11 87	Scr. Tug	Collingwood	No application. Changed district.
Viking Vivian C .	Not root	Ser. Tug.	Montreal Port Arthur St. John	No application. Not equipped—Class
				Inland Pass, and Frt.
W. G. Harrow	110 13.66	Ser, Fish. Tug Ser, Tug (Gas.)	Port Arthur Victoria	Not in commission. Laid up—no application.
Walter H. Stone Wapiti (Watiti)	8·00 . 35	Ser. Tug	Toronto	Na application.
Vasp. R	18 15·16	Scr. Tug Private Scr. Yacht Scr. Gas. Hbr	Port Arthur Halifax	Not in commission. No application.
Water Lily	54 9	Scr. Pass	Kingston	Not in commission.
Wawaskash Wawona	19 31	Pdl. Frt	Toronto Toronto Collingwood	No application.
Welcome	21	Scr. Tug	Port Arthur	Laid up on expiration of certificate.
Wenona.	26	Ser. Pass	Kingston	Not fit for service-hul
Westminster	17 24 · 48 1879	Ser. Tug	Vancouver Kingston	used up. No upplication. Name changed to "Wether
Wherenow	1171 48	Scr. Pass	Kingston	field." Sold out of district.
Wiley M. Egan	26 1620		Sorel	Removed out of district
Willia Scager	22	Scr. Barge. Scr. Tug Sct. Tug.		Not running.
Wm. E. Rooney	11	ret. rug.,	Toronto	A of Lanning.

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### TABLE IV—Concluded.—TABLEAU IV—Fin.

Name of Vessel. Noms des navires.	Tonnage.  Gross- Brut.	Class of Vessel. Catégories des navires.	District.	Reasonfor Non-Inspection.  Motif de la non-inspection.
William Ogilvie	29·11 22 12	Ser. Frt. and Pass Ser. Tug Ser. Tug Ser. Tug Ser. Frt	St. John	Laid up. Not in commission. Not running.

Tableau V.—Relevé des navires à vapeur ajoutés à la marine marchande de la Puissance durant l'exercice financier terminé le 31 mars 1917. TABLE V.—Statement showing Steam Vessels added to Dominion during the Fiscal Year ended March 31, 1917.

Tonnage: Gross registered-Tonnage: Brut enregistré.

Route,	Crooked Lake, Susk.	Montreal and Sydney,	Lund, B.C. and Sarah Point.	Hydrogruphic Service, St. Lawrence river.	Montreal and Quebec.	River St. Lawrenco.	Vancouver and Straits Georgia,	Shuswnp Lake.	All takes andrivers.	Montreal and Lake Brie,	Kingston to Collingwood.	Welland canal,	Lake Eric.
Division,	Edmonton	Montreal	Vancouver.	Sorel	Sorei.	Montreal	Vancouver	Victoria	Тогонто	Toronto	Toronto	Toronto	T'oronto
Propulsion—N.H.P. Propulsion—N. en H.P.	Paddle 4.2	Screw 2-1	Screw5.2	Twin Screw 65-3	Screw 72.1	Screw 36.	Screw10.6	Stern wheel	Screw 83.70	Screw82.50	Screw10.66	Serew 25-63	Screw3.
Trade. Désignation d'emploi eommercial.	Tug	Freight	Fishing boat	Steam.	Steambarge Frt	Yucht	Freight	Freight and Towing	Freight .	Freight	Publie Works Yacht	Tug	Fishing tug.
Where and when Built—Material. Année et lieu de construction. Nature de la coque.	138-30 Big River, Sask	244-86 Matane, P.Q	Jedeiah Island, B.C	368-35 Sorel, P.Q. 39-36 Steel.	340-42 Steel, P.Q.	Nyack, U.S.A	New Westminster, B.C Wood.	162.49 Chase, B.C	Marine City, Mich	Cleveland, Ohio	Toronto, Ont	Buffalo, N.Y. Steel.	Erie, Penn
Tonnage.	138-30 87-13	244.86	24.21	368-35	611.03	1111.	148.72	162.49 102.37	2,167· 1,293·	1,707.	59. 23.	74.	44.
Name ol Vessel. Noms des navires,	Alice Muttes	A. Tremblay	Alakasla	Berthier	Coal Barge No. 6	Courcelette	Conster	Crombie	Caledonia	Collinge	Cingales.	Cortland.	Caldera

Table V- Continued.—Tableau V. Suite.

Name of Vessel Noms des navires	Tonnage.	Where and when Built—Material. Année et lieu de construction— Nature de la coque.	Trade. Désignation d'emploi commercial.	Propulsion—N. II.P. Propulsion—N. on II.P.	Division.	Route,
Oty of Dover	<del>2</del> 13	Port Dover, Ont . Wood	Fishing tug	Screw 15-4	Toronto	Luke Prie.
Detector	21.13	271-22 Steel	Steam sounding boat	Twin screw	Sorel	St. Lawrence river.
D A Thomas	1,114.45	1,114-45 Peace River, Alta 798-10 Wood	Pass, and freight	Stern Pdl, wheel.	Edmonton	Pence river.
Dalton k	::::	Sturgeon Falls, Ont Wood	Тик	Screw 2-3	Montreal	Lake Nipissing.
Donglas M	39.	Buffalo, N.Y.	Fishing tug	Screw 14-13	Toronto	Lake Huron,
1 NeWilliams	.100	Wheeler, Bay City, Mich	Dredge	•	Collingwood	St. Marys River.
I Isie McDonard	33-15	54-20 Cross Point	Ferry .	Paddle 5.	Montreal	Cross Pt. and Cumpbellton.
l. A Shores	593. 310.	Sheboygan, Wise.	Lraisht	Screw 69.85	Toronto	Lake Eric and Detroit River.
I. R B No I	27	d Tweedie, arie, Ont	Sault Dredge		Collingwood	St. Murys river.
F / B No I	33	Short Glen Ross, Ont Wood.	Dredge	97	Kingston	Treat canal.
FAR No 2	5.5	Glen Boss, Ont Wood	Drill boat		Kingston	Trent canul.
Frank B. Stevens	516-	Buffalo, N.Y.	Freight	Screw 47-10	Toronto	Pt. Iroquois to Quebec.
feary B. Hall	1,150	Detroit, Mich	Freight	Serew 95.	Montreal	Montreal and Lake Erre.
Henc	24 63 19:76	24 65 Pitt River, B C	Pass	Norew 3.	Vancouver	Sechelt Inlet.
Harold Dollar	4,376-65	4,376-65 Dumbarton, Scot 2,823-27 Stees	Freight and pass.	Serew. 231	Vancouver	Vancouver and Foreign.
Hochelaga.	4,650.75	1,680-75 Middleboro, G.B 2,601 33   2 teel.	Stram freight .	Screw., 284 6	Halifar	Foreign.

SESSI	ONAL	PAPER	No. 23
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.8810	NAL	PAF	PERI	No. 2	3					68 <b>-</b>						rd		
Great Lakes and rivers	Welland canal.	Grandes Piles and LaTuque.	Great Lakes.	Valleyfield and Luncaster.	Coast, B.C.	Ail lakes and rivers.	St. Marys river.	Peace river.	Foreign.	Montreal and St. Jean D chailons.	Trent canal.	Vancouver a nFdoreign ports.	Canadian and foreign ports.	Lake Simeoe.	Port Colborne and Duluth.	Oyster Cutture, Prince Edwn Islands.	Great Lakes.	Yancouver Harbour,
:	:	:	:		•					:		:						
 Pe					, B G.	:	od					٢					ur	
Collingwo	Sorel	sorel	Kingston	Montreal	Vancouve	Toronto	Collingwo	Edmontor	Haiifnx	Sorel.	Kingston.	Vancouve	Vietorin	Toronto	Poronto	Sorel	Port Arth	Vancouver
111-3	21.12	:	SS-8	: : : : : : : : : : : : : : : : : : : :				:	9-19	10.6	2.13	ser.auxiliary schr			W144-63	16.6	89-4	Non-propelling. 57-6
Sere	- Sere	Sere	Sere	Sere.	. Serie	. Ser	<u>:</u>	Tw.		nd Sere	. Sere	Tw.	Tw.	Z-T-Z	- Xere	Sere	Nere	Non
Freight	Steam tug.	Pass, and freight .	Freight	Freight	Tug boat	Freight	Dredge	Pass, and freight .	Steam freight	Steam barge pass a freight	Tug boat	Tug boat	Freight	. 881.7	Freight .	Steam.	Freight .	Suction dredge
Steel. Cleveland Shipbuilding Co., C.eveland, Ohio	Sord, P.Q	Three Rivers, P.Q Wood.	G ibraltar, Mich	Valleyfield, P.Q	Vancouver, B.C.	Bay City, Mich	O'Neir Cleveland Co., Ltd., Collingwood, Ont.	Wood Pence River, Alta Wood	Middlesboro, G.B	Three Rivers, F.Q Wood.	Gien Ross, Ont Wood.	Vancouver, B.C Wood	Victoria, B.C. Wood	Kingston, Ont	Bay City, Mich . Wood	sorel, P & Steel.	Bay City, Mich . Wood	515-29 Scattle, U.S.A., 515-29 Wood
2,301.	58-29	32.95 19.30	756.	60. 29.	44.08 29.97	758.	377.	17.52	4,676-67	78-89	\$	1,474-44	1,371-94	40.	2,292.	109-0h 34-21	1,711.	515-28
I. Wade	Bianing	Jacques II	W. Follette	ne Alice	lala	оя	. No. 31	y Muckworth.	an	sonneuve II	y I. Robertson	oel Brown	garet Heney	ello	nza	ren .	ther.	P D Co. No. 4
	Steel Steel Shipbuilding Co., Freight Serew	Steel.   Second Shipbuilding Co.,   Freight   Second H1.3   Second H1.	Steel	Steel	Steeland Shipbuilding Co.,   Freight   Serew   111-3   Serew   Serew   111-3   Serew   Serew	Carefund, Ohio   Steeland, Ohio   Ohio   Steeland, Ohio   Oh	Steel	Steeland, Ohio   Stee	2.381- 1.389- Steed, P.Q.         Cleveland, Ohio Steed, P.Q.         Series, Preight         Series, Preight         Series, Preight         Collingwood         Creat Lakes and rivers           38-29 Steed, P.Q.         Steed, P.Q.         Steed, P.Q.         Welland canal, Series, 24-1         Sored         Welland canal, Welland canal, Welland canal, Melland canal, Series, 24-1           32-93 Steed, P.Q.         Three Rivers, P.Q.         Preight         Series, 24-1         Sored         Welland canal, Allandar, Mich.           540- Steed, P.Q.         Wood         Wood         Preight         Series, 38-8         Kingston         Great Lakes           540- Steed, P.Q.         Wood         Preight         Series, 38-8         Kingston         Great Lakes           540- Steed, P.Q.         Wood         Preight         Series, 38-8         Montreal         Valleyfield and Laneaster.           540- Steed, P.Q.         Valleyfield, P.Q.         Preight         Series, 38-8         Nancouver, B.C.         Coast, B.C.           59-57 Steed, P.W.         Civilingwood, Oht.         Preight         Preight         Tw. series gas.         Preight         Preight           752- Steed, P.S.         Wood         Collingwood, Oht.         Preight         Tw. series gas.         Preight         Preight         Preight <td< td=""><td>  Steed   Collingwood   Steed   Lakes and rivers    </td><td>2,301.         Cleveland, Ohio         Steed.         Serew.         11.3         Collingwood         Great Lakes and rivers           32,291.         Steed.         Steed.         Serew.         11.3         Sored         Welland canal.           32,291.         Steed.         Steed.         Welland canal.         Welland canal.           19.30.         Wood.         Preight.         Serew.         Serew.         Sored         Welland canal.           556.         Gibraltut. Mich.         Preight.         Serew.         Serew.         Serew.         Serew.           50.         Valleyfield, P.Q.         Preight.         Serew.         1.6         Montreal.         Valleyfield and Lancaster.           52.         Wood.         Preight.         Serew.         1.6         Montreal.         Valleyfield and Lancaster.           538.         Bay City, Mich.         Preight.         Serew.         1.6         An Indees and rivers.           538.         Bay City, Mich.         Preight.         Serew.         54.         Parcento.           538.         Bay City, Mich.         Preight.         Preight.         Preight.         Preight.           6.01         Wood.         Ohlingwood.         Ohl.         Preight.</td><td>2,391.         Calcadada Shipbanding Co.         Freight         Serew.         Bl.3         Collingwood         Collingwood</td><td>  2,391   Cleveland, Olino, Steel   1,339   Cleveland, Olino, Steel   1,339   Cleveland, Olino, Steel   1,339   Served   1,340   Served   1,34</td><td>  1.391   Clear Columps    </td><td>  2.391   Clevelland Shipbuibling Co.   Preight   Streew   11.3   Sored   Welhand ennal   Sored   Sore</td><td>  2.30</td><td>  1,230   Cleckhard Shipbaiding Co.   Preight   Serew   1113   Collingwood   Creat Lakes and rivers   1,230   Cleckhard Shipbaiding Co.   Preight   Serew   23-15   Free   Clear Collingwood   Clear Collingwo</td><td>2.901.         Cheeding Shighshilting Co.         Freight         Server.         35-20         Chingwood         Creat Lakes and rivers           3.8-20 Sweet, P. Co.         Sweet, P. Co.         Server.         35-21         Sweet, P. Co.         Charles and Lakes.         Charles and Lakes.         Charles and Lakes.         Server.         35-30         Wood.         Server.         35-30         Wood.         Charles and Lakes.         Server.         Server</td></td<>	Steed   Collingwood   Steed   Lakes and rivers	2,301.         Cleveland, Ohio         Steed.         Serew.         11.3         Collingwood         Great Lakes and rivers           32,291.         Steed.         Steed.         Serew.         11.3         Sored         Welland canal.           32,291.         Steed.         Steed.         Welland canal.         Welland canal.           19.30.         Wood.         Preight.         Serew.         Serew.         Sored         Welland canal.           556.         Gibraltut. Mich.         Preight.         Serew.         Serew.         Serew.         Serew.           50.         Valleyfield, P.Q.         Preight.         Serew.         1.6         Montreal.         Valleyfield and Lancaster.           52.         Wood.         Preight.         Serew.         1.6         Montreal.         Valleyfield and Lancaster.           538.         Bay City, Mich.         Preight.         Serew.         1.6         An Indees and rivers.           538.         Bay City, Mich.         Preight.         Serew.         54.         Parcento.           538.         Bay City, Mich.         Preight.         Preight.         Preight.         Preight.           6.01         Wood.         Ohlingwood.         Ohl.         Preight.	2,391.         Calcadada Shipbanding Co.         Freight         Serew.         Bl.3         Collingwood         Collingwood	2,391   Cleveland, Olino, Steel   1,339   Cleveland, Olino, Steel   1,339   Cleveland, Olino, Steel   1,339   Served   1,340   Served   1,34	1.391   Clear Columps	2.391   Clevelland Shipbuibling Co.   Preight   Streew   11.3   Sored   Welhand ennal   Sored   Sore	2.30	1,230   Cleckhard Shipbaiding Co.   Preight   Serew   1113   Collingwood   Creat Lakes and rivers   1,230   Cleckhard Shipbaiding Co.   Preight   Serew   23-15   Free   Clear Collingwood   Clear Collingwo	2.901.         Cheeding Shighshilting Co.         Freight         Server.         35-20         Chingwood         Creat Lakes and rivers           3.8-20 Sweet, P. Co.         Sweet, P. Co.         Server.         35-21         Sweet, P. Co.         Charles and Lakes.         Charles and Lakes.         Charles and Lakes.         Server.         35-30         Wood.         Server.         35-30         Wood.         Charles and Lakes.         Server.         Server

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Table V -Concluded,—Tableau V—Fin.

	ĵo						1 La					, ac	ather	ather	•
Route.	Vnncouver and Straits Georgia.	Lake Huron.	Inland and Coasting.	Ross port, Oat.	Pt. Colborne and Duluth.	Inland and Cousting.	Grandes Piles, P.Q. and La Tuque.	Lakes, etc.	Vancouver and Foreign.	St. John river.	Luke St. John.	Montreal and Luke Eric.	Inland trade, Duluth and Father Point.	Inland trade, Duluth and Father Point,	
Division.	Vancouver Vnn	TorontoLak	Collingwood Inha	Port Arthur Ros	Toronto Pt.	Callingwood Inla		Toronto Lak	Vancouver Van	St. John St.	Montreal Luk	Montreal Mor	Kingston Inla	Kingston Inla	
Propulsion—N.H.P. Propulsion N. on H.P.	Serow. 16 6	Serew 10.80	Screw., 95.6	Serew 5-4	Screw. 196.80	Serew 95.6	Screw gus Sorel	Serew82.50 To	Screw. 175	Screw 4.5 3t.	Screw 2.1 Mo	Screw 124	Screw Kin	Serow Kin	1
Trade. D'esignation d'emploi commercial.	Tug	Tug		Fishing boat	Froight		Pass, and Ireight .	Freight	Freight	Tug	Freight	Freight	Freight	Freight	
Where and when Built—Material. Anake et lieu de construction— Nature de la coque.	71 10 Vancouver, B.C	East Saginaw, Mich.	Collingwood, Shipbuilding Oil tanker	Port Arthur, Ont	Bay City, Mich	Collingwood, Shipbuilding Oil tanker	18-83 Grandes Piles, P.C 1 12-82 Wood.	972.28 Trenton, Mich	1,827-10 Sunderland, Eng 11,141-95 Wood	Cambridge, N.B	9-97 Mistassini	Marine City, Mich	Detroit, U.S.A	Detroit, U.S.A.	
Tonange.	0.55	30	2,032.	.8	4,423.	2,060.	2 E	973-24 690-48	1,527-10	11.80	12.92	1.913.	1.854	1,070.	1 00. 01
Name of Vessel Noms des navires.	Projective	P. B. McNaughton	Royalite	Rossport	Riverton.	Samolito	St. Maurice II	Schoolcraft.	Turret Crown	Vcta	WHD	W. B. Morley	William A. Averill.	William A. Haskeli	William Edward

ŞE		1/
Georgiaa Bay.	Nanaimo and adjacent Islands.	
Collingwood	Victoria	
Screw 16.6	Screw (gas.)	
	Passenger	
49. R. J. Morrell, Collingwood . Fishing tug.	Nanaimo, B.C	
49. 30.	8.92	
Willrose	Yusella	

Table VI.—Statement of Steam Vessels, Lost, Broken up, or Laid up as unfit for service, in the Dominion during the Fiscal Year ending March 31, 1917, and where and how last employed.

Tableau VI.—Relevé des bateaux à vapeur perdus, démolis ou désarmés comme impropres à tout service, dans la Puissance, durant l'exercice financier terminé le 31 mars 1917. Ce relevé indique aussi l'endroit où le navire a navigué en dernier lieu.

Tonnage: Gross-Tonnage: Brut.

Name of Vessel. Noms des navires	Ton- nage. Brut	Class of Vessel.	Division.	Where employed.  Localités où employés.	
Adrelexa		Ser. Pass Ser. Fish. Tug	lvingston Victoria	Montreal river	Hull unfit for further use, Engines and boilers taken
Alberta Allego Alluvio Ariadne Artl ur	125 · 73 · 263 · 06 · 37 · 78 ·	Ser, Tug. Stn. Whl Frt. and Pasd. Ser, Fish. Tug Pdl. Tug	Quebec Sorel Vancouver. Toronto Sorel	Quebec Montreal Fraser river Lake Eric Sorel and Louiseville	out Broken up. Broken up Dismantled. Beached and abandoned Engine and boiler broken up -hull used for freight
Baramba .		Stn. Whl. Frt. and Pass	Vancouver.	Vancouver and Howe Sound.	barge. Dismantled.
Bird ex Anglesea Bird. Blonde Botrel Casarco N Clan ably Champion	250) 81 85 72 (1 18 38 4) 77, 42	Pdl. Tur Pdl. Tug Ser. Tug Ser Yael t Pass 7 Ser T l g Ser. Pass	Quebec Montreal Victoria Sorel St John . Sorel King-ton	Quebec river . Arrow lake—log towing St. Lawrence river. St. Croix river. St. Lawrence river. Montreal river	Broken up Broken up, Sunk, Sunk at Grondenes Lost Sunk at Cap La Roche, Hull broken up—machi-
Chieftum Chinook City of Co. the or	44	1 Tug Ser Tug Ser, Pa	Kenora Vancouver, Collingwood	Lake Winnipeg . B C Const Sault Ste Marie	nery renewed. Wrecked Dismantled. Two years idle wants large repairs and exquip-
Contest	273+84	Pd) Ter	Quellec	Quel ce	Engine and boiler broken up.
Daws in Dred ( No. 14 E. G. L. ser inte		Ser. Fish Dredge Ser. Tig.	Halifax Collingwood Sorel	Coasting . North Channel Attending dredges St	Sunk Lackport Hbr. Disperatled Huli, engine and boner
E. Crean Fivor to Fing Fire D = 1 on. G B Gr en G orge P G strimme H I ro	1,011	Pdl. Pas . Ser Tu . Ser frt. Ser Fug. Pdl. Pa. Ser Tug . C'Ser, Pass. Frt	lving ton V.ancouver, V.ancouver For-into., Montreal., Kvingston., Cottingwood Sorel	Lawrence river. Trent cand B.C Const B.C Const Georgian bay Deschenes lake Brocky file. Collingwood Attending dredges St	requirs repairs. Dismanched. I nfit for service I nfit for service Foundered Burnt at Quyen Bi sken up. Burned tits closs. Hull, engine and boder
Herr lin Hampet	514-91 2 4 52	Stn Whl 1rt. Pr	Vancouver . St John	l-awrence river. Fra er river St John	require repairs. I not for service. Partially destroyed by
1 1 n 1 G m		sc fur. Ser Pa	Halifax Collingwood	Min e channer. L. Cauchiel ng	fire old for \$115.75 Sunk. Sunk at Oribia Unfit to
Mi o A P ,	14	Ser Tue Ser .	King ten Sorel	Tree te, and Scred and Hi helien river	run Broken up Ingme and buter tak n out la ll cell for der- rick
L Is L L 1	16 22 17	Ser Tug Pdf P	Vancouver Iving ton	B.C. Co. t Fort Coulonge and Lefter	1 nfit for ervice. 11 d la la (1) dismin-
I recording to the latest to t	17.61 17.05 15 5 16. 16.	Ser Tug Ser Irt of IPa Tt Ser Irali Ser Agelt Ser Mill IPa Tu Ser I crry Tw. Ser. Tug Ser I'a Tr Str	Victorii Victorii St. John II. I fax Quebec Conngwood Mante d Quebec Collogwood	Arrow lake log towing Seat on lake St. John river and harbour Cc. sting Sider Lake Parry Sound Official value of Lake St. John Saat Ste. Marie	fled. Sunk Briter Fiken out Burnt Broken up Broken up. Awaiting rep at Broken up Broken up Broken up Broken up Broken up. In need of con terable
AL STATE OF THE ST	41.1	~ r Tug	Vincenter	BC Cost	Sew lealer required

### TABLE VI—Concluded.—TABLEAU VI—Fin.

Name of Vessel.  Noms des navires.	Ton- nage. Brut.	Class of Vessel. Cutégories des navires.	Division.	Where employed.  Localités où employés.	
Otonahee	583 · 20 1, 711 · 145 · 17 16 · 279 · 05	Frt. and Pass. Scr. Wood Frt. Stn. Whl. Frt. and Pass. Scr. Pass, and Frt Scr. Salvage and towing Tug.	Vancouver Fort Arthur Vancouver Sorel Victoria		Sold to foreigners, Sunk in collision. Broken up. Destroyed by fire. Supposed lost at sea.
Frefontaine Primrose		Tw. Scr. Pass. and Frt Tug	Montreal Edmonton	Montrea, and Quebec Lake Athabaska	Converted into a barge. Wrecked—huli condem- ned.
Princess. P. W. D. Dredge No. 206. P. W. D. No. 6 (Cape Breton). R. Paul Rex. Roberval. Roman Rossland. St. Antoine St. Charles.	159·02 Not regt'd 174· 13· 343· 356·70 883·55	Pdi, Pass, and Frt  Dredge Dredge Ser. Frt Ser. Yacht Ser. Fish Stn. Whl. Frt. and Pass. Ser. Puss Tug	Edmonton Halifax Sorel Kingston Vancouver Victorin Kingston	Hahlax Harbour.  Montreal and Sorel. St. Lawrence river.	Broken up.  Hull condemned. Sunk Shag Rock White Head, N.S. Destroyed by fire.
St. Ignace	26 · 45 · 1,961 ·	Ser. Ice Breaker, Wood Ser. Pass Ser. Dredge Ser. Frt Ser. Tug	Kingston Halifax Toronto	Thunder Bay Montreal river Halifax harbour Lakes, etc. Alberni canal	Destroyed by fire. Hull unfit for further use. Dismantled. Burned. Boilers and engines taken out.
Storemount	5. 10.71 1,955. 264.16	Oil Barge. Ser. Yacht Ser. Frt. and Pass Ser. Frt Stn. Whl. Frt. and Pass. Ser. Tug	Toronto Victoria Kingston	Muskoka lakes Alberni canal Overseas trade Fraser river.	Sold to foreigners. Burned. Engines taken out. Stranded on N.S. Coast. Unfit for service. Boiler and engines taken
W. Robidoux. White King Wm. G. Fox Wenona Zephir P	39 -	Ser. Tug	Quebec	Lake St. Francois Bay of Oninte	ont. Wrecked Broken up Broken up. Hull unfit for further use. Wrecked on Nicolet river.

Table VII.—Statement showing the number of inspections of ship's tackle made during the Fiscal Year ended March 31, 1917.

Tableau VII.—Relevé du nombre des inspections des appareils de levage à bord des navires, faites durant l'exercice financier terminé le 31 mars 1917.

Port.	Number of Inspections.  Nombre d'inspections.	Name of Inspector.  Nom de l'inspecteur.
Halifax, N.S	53	D. J. Murray.
St. John, N.B.	376	E. D. Ring.
Montreal, P.Q.	699	J. A. Daval.
Montreal, P.Q.	546	A. Martin

Table VIII.—List of Certificates granted to Engineers of steamships during the Fiscal Year ended March 31, 1917.

### CERTIFICATES OF COMPETENCY.

Tableau VIII.—Liste des certificats accordés aux mécaniciens de bateaux à vapeur durant l'exercice financier terminé le 31 mars 1917.

### CERTIFICATS DE CAPACITÉ.

		_				
N" 1					Control of the Contro	
No. of Certi-	Date of					Place of
ficate.	Certificat		Name.	Class.	Address.	Examination,
	_		_	_	_	_
Nos	Dates de		Noms.	Classes.	Adresses.	Localité où l'examen
des cer-	Certificat	S.				n été passé.
tincats.						
	1917					
7650	April 20		Oliver Christianson	3rd	Edmonton, Alta	Edmonton, Alta.
7651	11 20		Charles Joseph Byraes.	ith	Collingwood, Ont	Collingwood, Ont.
7682 7683			Charles Joseph Byraes. William Henry Evans Albert Joseph Walter Coil	2nd 4th	Vancouver, B.C	Victoria, B.C.
7654	" 20 " 20		Richard Milsom Bailey	4th	Vancouver, B.C	Vancouver, B.C.
7685	" 20		Peter Rennie	4th	Victoria, B.C.	Vinneouver, B.C. Victoria, B.C.
7686	May 10		Peter Rennie William Henry Knowles	4th	Vietoria, B.C.	Victoria, B.C.
7687	" 10		Thomas Johnson	3rd	Vancouver, B.C	Vancouver, B.C.
7658			George Ernest Johnston	3rd H.K.	Vancouver, B.C.,	Vancouver, B.C.
7659 7690	" 10 " 23		Joseph Eugene Belanger	1st 3rd	Bionvilla P O	Quebec, F.Q.
7691	June 8		Alfred Bourget Jabez Appleby Cann William Lowery Myers	3rd	North Sydney, N.S.	Halifax, N.S.
7692	1 44 8		William Lowery Myers	3rd	Halifax, N.S.	Halifax, N.S.
7693	" 8.		Walter Leseman	4th	Montreal, P.Q	Montreal, P.Q.
7694	11 90		Walter Leseman John Angus McKoy Thomas Heary Angell	3rd	Morrisburg	Kingston, Ont.
7695 7696	11 28		I nomas Heary Angell	3rd 4th	Montreal, P.Q	Montreal, P.Q.
7697	July 7		Andrew Chisholm Hutchison Angus Grant Beattie	3rd	Edmonton, Alta Collingwood, Ont Vancouver, B.C Vancouver, B.C Vancouver, B.C Victoria, B.C Victoria, B.C Victoria, B.C Vancouver, B.C Vancouver, B.C Bienville, P.Q Bienville, P.Q Bienville, P.Q North Sydney, N.S Halfax, N.S Montreal, P.Q Morrisburg Montreal, P.Q Victoria, B.C Picton, N.S Dartmouth, N.S Dartmouth, N.S Canso, N.S Nelson, B.C Burnaby, B.C Vancouver, B.C Victoria, B.C.	Halifax, N.S.
7698	4 7		Harold Heary Scott.	4th	Dartmouth, N.S.	Halifax, N.S.
7699	" 7		William Henry Scott	4th	Canso, N.S	Halifax, N.S.
7700	" 7		Richard Henry Hale George Davison Doran Robson Dean Charles Alexander Sutherland	2nd	Nelson, B.C	Victoria, B.C.
7701 7702 7703 7704	8		George Davison	4th	Burnaby, B.C.	Vancouver, B.C.
7702	44 8		Charles Marander Sutherland	4th 4th	Vancouver, B.C.	Vancouver, B.C. Vancouver, B.C. Vancouver, B.C.
7703	4 S		James Denton Fisher	4th	Vancouver, B.C.	Vancouver, B.C.
7705	44 8		Hopey Martino Sallaway	2nd U.K.	Victoria, B.C	Victoria, B.C.
7706	11 8		Joseph Jackson	4th	Sapperton, B.C	Vancouver, B.C.,
7707	. 0		Hubert Vincent Kelly	4th	Vancouver, B.C	Vancouver, B.C.
7707 7708 7709	4 8		Joseph Jackson. Hubert Vincent Kelly. Frank Lanyon Harry Lorimer Callnhan.	3rd 2nd	St. John, N.B.	Vancouver, B.C. St. John, N.B. Halifax, N.S.
7710	4 25		LECONSTA MELLINEWS ECONOR.	4th	New Westminster, B.C	Vancouver, B.C.
7711	" 25		Karl Ragwald Forstrom	3rd	Vaneouver, B.C.	Vancouver, B.C.
7712 7713 7714	August 8		Edward Clark	3rd	Vancouver, B.C.	Vancouver, B.C.
7713	" 11		Timothy Collins	3rd	Victoria, B.C.	Vietoria, B.C.
7715	" 11 " 25		Albert Earl	4th	Pictor NS	Holifay X S
7716	" 25		Howard Lang Leslie	4th	Tobermory, Ont.	Tobermory, Ont.
7717	" 25		Howard Lang Leslie Hugh Frederick Leeson	4th	South Bay Mouth, Ont	Tobermory, Ont. Vnncouver, B.C.
7718	11 25		George Knox Alexander Duncan Curl Alfred Carlson	4th	Vancouver, B C	Vnncouver, B.C. Vnncouver, B.C. Vnncouver, B.C.
7719	11 25		Alexander Duacaa	4th 4th	SS. "Prince John".	Vancouver, B C.
7720 7721	" 25. " 25		Carl Alfred Carlson Ronald Baker Willhelm Heian Steve Wilhiam Jaber Olav Mathieson John George Wheatley Charles Rruge Scott	4th	Vancouver B.C	Vancouver, B.C.
7722	" 25		Willhelm Heian	4th	Vnncouver, B.C.,	Vancouver, B.C.
7723	" 25		Steve William Jaber	4th	Vancouver, B.C.	Vancouver, B.C. Vancoaver, B.C.
7721	Septe. 5		Olay Mathieson	3rd	Vancouver, B.C	Vancoaver, B.C.
1100	11 5		John George Wheatley	2nd U.K.	Vancouver, B.C	Vancouver, B.C.
7726 7727	" 23 " 26		Charles Bruce Scott Joseph Chevalier	2nd 4th	South Bay Mouth, Ont Vancouver, B.C SS. "Prince John", Vancouver, B.C Liverpool, N.S Liscombe, N.S Halfax, N.S Halfax, N.S Halfax, N.S Charlottetowa, P.E.L	Quebec, P.O.
7724	0 27		David Aitabison Makey	4th	Vancouver, B.C.	Vancouver, B.C.
7729 7730 7731	" 27		William Henry Fleming Walter Albert Chandler Seth Hartling Carl Ekwall)	4th 4th 3rd	Vancouver, B.C.	Vancouver, B.C.
7730	October 4		Walter Albert Chandler	3rd	Liverpool, N.S	Halifax, N.S. Halifax, N.S. Halifax, N.S. Halifax, N.S.
7731	1 4		Seth Hartling	4th 3rd	Hascombe, N.S.,	Hallax, N.S.
7732 7733	11 4		Carl Ekwall) Louis Wilfred Carlton	- Ith	Charlottetown, P.E.I	Halifax, N.S.
7734	14 17		Joseph Louis Eugene Cloutier	4th	Nicolet, P.Q.	Montreal, P.Q.
7735	44 18		John Daggett	4th	Victoria, B.C.	Victoira, B.C.
7736 7737	4 18		Geroge Robertson Narcisse Peloquin George Hargraves William Ballantine.	4th	Nicolet, P.Q., Victorin, B.C., Esquimalt, B.C., St. Joseph de Sorel, P.Q.,	Victoria, B.C.
7737 7739	4 18		Carray Hararaya	4th 4th	Post Asthus Oct. P.Q	Montreal, P.Q.
7739	11 18		William Italiantine	4th	Victoria B.C.	Victoria, B.C.
7710	11 18		H. wen McMilliam Strachan	4th	Vancouver, B.C.,	Vancouver, B C.
7741 7712	" 15		Simuel Voung Rophnel Cote Alban Witmer William John Olds	4th	Vancouver, B C	Vnacouver, B.C
7712	(1 2f)		Raphael Cote	4th	Levis, P.Q	Quebec, P.Q.
7743	2U		Alban Witmer	4th	Vancouver, B.C	Vancouver, B.C.
7744 7745	11 20 24		John Alexander McDonald	4th 4th	Port Valgrave N S	Halifax, N.S
7745	0 24		Arthur Laperle	4th	Boycherville, P.O	Montreal, P.Q.
7747	" 25		William Frederick Irvine Walter Diasmore Barss	4th	Port Arthur, Ont.	Port Arthur, Ont.
7748	Nov. 2		Walter Diasmore Barss .	3rd	St. Joseph de Sorel, P.Q. Port Arthur, Ont. Victoria, B.C. Vancouver, B.C. Vancouver, B.C. Levis, P.Q. Vancouver, B.C. Vancouver, B.C. Port Malgrave, N.S. Boucherville, P.Q. Port Arthur, Ont. Gaysborough, N.S. Esquimnlt, B.C.	Halilax, N.S.
7749	0		Alexander Cooper Meares	2nd U.K.	IsaguiinaR, H C	Victoria, B.C.

### TABLE VIII—Continued.—TABLEAU VIII—Suite.

No. of					
Certi- ficate.	Date of Certificate.	Name.	Class.	Address.	Place of Examination.
Nos	Dates des	Noma.	Classes,	Adresses.	Localité où l'examen
des cer- tificats.	Certificats.				a été passé.
	1915.				
7750	" 9	Charles Steeves	4th	Vaacouver, B.C	Vancouver, B.C. Vancouver, B.C.
7751 7752	" 9	Harley Clayton Anderson Frederick John Webster	3rd 4th	Vancouver, B.C	Vancouver, B.C.
7753 7754	I II	Edward Alfred Matson	3rd	Victoria, B.C	Victoria, B.C.
7755	" 11	Robert Hutchison Blane	$^{4 ext{th}}_{4 ext{th}}$	New Westminster, B.C.	Victoira, B.C. Victoria, B.C.
7756 7757	Dec. 5	Herbert Hedley Boyd	$\frac{2\mathrm{nd}}{4\mathrm{th}}$	Victoria, B.C Dartmouth, N.S Mulgrave, N.S Halifax, N.S St. Apollinaire, P.Q	Victoria, B.C. Halifax, N.S.
7758 7759	. 0	John Fougere Arthur Cooper	4th 3rd	Mulgrave, N.S	Halifax, N.S. Halifax, N.S. Halifax, N.S.
7760 7761	46 6	Ephrem Croteau	4th 4th	St. Apollinaire, P.Q Fort William, Ont	Sorel, P.Q. Port Arthur, Oat.
7762	" 6 " 6	Robert Myers Joseph Charles Levis Angers	3rd	Quebec, P.Q Vancouver, B.C.	Quebec, P.Q.
7763 7761	" ii :::	James Lawson Sandiman Frank Lawrence Bragg	4th 4th	IV ancouver, B.C	Vancouver, B.C. Vancouver, B.C.
7765 7766	" II " II	Jean Baptiste Chevalier	3rd 2nd	Sorel, P.Q Vancouver, B.C	Sorel, P.Q. Vancouver, B.C.
7767	" 11	Stanley George LeBrun	4tb	Eastern Hbr., Cape Breton,	Halifax, N.S.
7768 7769	" 14 " 18	Emmanuelle Coulombe	3rd 4th	N.S Berthier, P.Q Huntsville Ont	Quebec, P.Q. Toronto, Ont.
7770	" 18	Robert Sisson	4tb -	ID-nt tothin	Port Arthur, Oat.
7771 7772	" 19	Frank Hull John Henry Gilligan	4th 4th	East Vancouver, B.C	Victoria, B.C. Victoria, B.C.
7773 7774	" 23	Henry Killop Hebert Gladstone Tunnell	2nd U.K. 2nd U.K.	Esquimalt, B.C. Esat Vancouver, B.C. Esquimalt, B.C. Esquimalt, B.C. Halifax, N.S. Vancouver, B.C.	Victoria, B.C. Victoria, B.C.
7775 7776	" 26 26	Joseph Michael Murphy Findlay Alexander	3rd 2nd U.K.	Halifax, N.S Vancouver, B.C	Hahfax, N.S. Vancouver, B.C.
7777 7778	" 26 " 26	John Francis McNeil Frederick Alexander Rooney	4th 4th	Halifax, N.S	Halifax, N.S.
7779 7780	" 29	Wilfred Bissonnette	4th 4th	Lauxon, P.Q	Halifax, N.S. Quebec, P.Q. Montreal, P.Q.
7781	" 30	Leopold Carpentier Theophane Normaadeau	3rd	Halifax, N.S. St. John's, Nfld., Lauxon, P.Q., Champlain, P.Q., Deschaillons, P.Q.	Montreal, P.Q.
1917					
7782	Jan 5	Edmund Bolton Dell	2nd U.K.	Victoria, B.C	Victoria, B.C.
7783 7784	" 9	James Forsyth Douglas George Alexander Rudd	2ad U.K. 4tb	Victoria, B.CVictoria, B.C	Victoria, B.C. Victoria, B.C.
7785 7786	10	John Alexander Asher Edward Charles Firming	2nd U.K. 4th	Victoria, B.C	Kingston, Ont.
7787 7788	" 10 " 10	Alberic Beaudet	3rd 3rd	Kingston, Ont. Ste. Emelie, P.Q. Arnprior, Ont.	Quebec, P.Q. Montreal, P.Q.
7789 7790	" 11 January 12	Alexander H. Horton	3rd 4th	(Cornwall, Ont	Kingston, Oat.
7791 7792	" 15	Enstache Cote. Thomas Tobin	4th	Rimouski Wharf, P.Q. St. John, N.B. Bienville, P.Q.	Quebec, P.Q. St. John, N.B. Quebec, P.Q.
7793	" 17	Rodolphe Cossette	4th 2nd	Montreal, P.Q	Montreal, P.Q. Montreal, P.Q.
7794 7795	" 17 " 17	Antonio Boisvert Joseph Atfred Nazairo Simo-	4th 3rd	Ste. Croix, P.Q Bienville, P.Q	Quebec, P.Q.
7796	" 17	nean. Herbert Jesse Wilkes	4th	Cobourg, Ont	Toronto, Ont.
7797 7798	" 17 " 17	Alestair William CarfraeLuther Burrell.	4th 4th	Vancouver, B.C	Vancouver, B.C. Toronto, Ont.
7799 7800	" 17 . " 17 .	William John Craig George Bernard Fleming	4th 2nd	Windsor, Ont	Windsor, Ont. Kingston, Ont.
7801 7802	" 18	Allan Benedict McMillen	4th	Port Dover, Ont	Toronto, Ont. Sorei, P.Q.
7803	" 18	Murie Joseph George Bourret Arthur Davis John Hewitt Neville	4th 3rd	Sore, Phippe, No. 4 P.Q Mallorytown, Ont	Kingston, Ont.
7804 7805	" 23	Wilson Monty	4th 3rd	Port Burwel, Ont	Toronto, Ont.
7806 7807	" 27 March 15	George Tenniswood Lamb	2nd 4th	Penetang, Ont	Toronto, Ont. Toronto, Ont.
7808	Feby. 9	Omer Pepin	4th	Midland, Ont. St. Miche, de Yamaska, P.Q.	Sore., P.Q.
7809 7810	" 9 9	Donat Matte	4th 4th	P.Q. Sorel, P.Q Fort William, Ont	Sorel, P.Q. Port Arthur, Ont.
7811 7812	9	Rodosphe Moreau	4th 3rd	Ste. Appolinaire, P.Q Port Arthur, Ont	Quebec, P.Q. Port Arthur, Oat.
7813	" 0	Clyde Burns Ferguson	3rd	Gravenhurst, Ont	Toronto, Ont. Montreal, P.Q.
7814 7815	u 9	Albert Edward Bremer	4th 2nd	Maisonneuve, P.Q Bienville, P.Q	Quebec, P.Q.
7816 7817	" 9 " 12	Antonio Bonchard	4th 3rd	Lauzon, P.Q Toronto, Ont	Quehec, P.Q. Toronto, Ont.
7818 7819	" 12 " 15	Ludwig Buttler Patrick Joly	3rd 4tb	Midiand, Ont St. Joseph de Sorel, P.Q	Montreal, PQ.
		•			

### 8 GEORGE V, A. 1918.

### TABLEAU VIII—Continued.—TABLEAU VIII—Suite.

Continent   Cont						
Date of each   Classes   Addresses   Addresses   Classes   Addresses   Localité où l'examenation   Classes   Classes   Addresses   Localité où l'examenation   Classes   Class	10 02					
Classes   Address   Examination   Localitées Peramea, of 66 passé   Certificats   Frank Thos. Norris   St.		Date of				Place of
Dates slee   Noms.	ficate.		Name.	Class.	Address.	
1916.   15	_	_	\			_
1916.			Noms.	Classes.	Adresses.	
1916.		Certificats.				a ete passe.
13	tintats.					
13						
Section   Sect		1916.				
Section   Sect	7520	15	Frank Thos Norris	191	Kingston Ont	Wingston (Int
Section   Sect	7821	15	Emile Delisle	2nd	Beauharnois, Que	
Martin Causy	7 < 12	10	Jas. Herbert Robinson	3rd	Trenton, Ont	Kingston, Ont.
Martin Causy	7823	10	Jos. Colbert Jacques	. 3rd	St. Antoine de Tilly, P.Q.	Quebec, P.Q.
Martin Causy	7826	111	Rokuchi Maiyoko	4th	Victoria R C	Victoria B.C.
19	7827	" 16	Sinclair Munro McDougall		Esquimalt, B.C	Victoria, B C.
19	7827	1.0	Henri Guay		Lauzon, P.Q	Quebec, P.Q.
19	2 725	10	Louis Lambert		Montreal, P.Q	Montreal, P.Q.
19	1530		Wm. Brotherston.		Peterboro, Ont.	Kingston Ont
19	7831	" 17	Philippe Carignan			Sorel, P.Q.
19	58 Z	17	Herbert Keabura Hibwell .		(Cambrile Class	Toronto, Ont.
19	75.14	11 17	Losent Landry			Sorol P.O.
19	7835	17	David Sidman Crawford.		Wiarton, Out	Poronto, Unt.
19	7336	'' 17	Mexander Cote	4th	Montreal, P.Q	Montreal, P.Q
19	1977	17	Wm. Heaney Ward		Vancouver, B.C.	Vancouver, H.C.
19	7539	6 17	Phil Edward Fourere		Arkens Ferry, P.E.I.	Halifax N.S.
19	7810	" 17	John Horner.		Dartmouth, N.S.,	Halifax, N.S.
19	141	17	Philias Noel Morinville.		Champlain, P.Q	Sorel, P.Q.
19	7532	0 17	Stephen Lewis . Phil Pilar Teresal		Vancouver, B.C	Vancouver, B.C.
18	7943		Marritt Eldon Williams		St. John, N.B.,	St. John, N.B.
1	7845	" 19	Arthur Lavallee	4th	Ste. Anne de Sorel, P.Q.	Sore , P.Q.
1	1340	1.0	LATERIA PROPERTY AND A CONTRACT OF THE PROPERTY OF THE PROPERT		Sorel, P.Q.,	Sorel, P Q
1	7548		Hyperithe Braconnier		Sorol P ()	Sorol P.D.
1	7811	11 153	Tlos. Laviolette		Sorei, P.O .	Sorel, P.O.
1	7850	4 22	Jno. Henry Gilbert		(Toronto, Ont	Toronto, Ont.
1	7531	11 11	James Kirk		Hamilton, Ont	Toronto, Unt.
1	7 33	. 11	Hrville Harold Burrison		Midland, Ont	Toronto Unt
1	7554	** _%	P. Georges Gagnon		Sorel, P.Q	Sorel, P.Q
1	7500		Je. 9h A. Bernard.		St Jean Deschaillons, P.Q.	Soret, P Q
1	1500	Harco I	Ant one Morin		Quebec, 1' Q Walla Labord Ont	Quebec, I' Q
1	This	" i	Arthur Douch		Toronto, Ont	
78.2	7573	1	Gorden Red		Wartin, Ont	Carlingwood, Ont.
78.2	7 90	1	Jos Howard Shaughnessy Dulat Chula McCorkey		Spragge, Ont	Cotlingwood, Ont
78   7	7502		In Duncan Miller		Clavering, Ont	Collingwood, Ont
1	750	n i	Ino Jos. Holler		Whiteon, Unt	Collingwood, Ont.
1	752.1	1 1	L. Chas Moffatt		Parry Sound, Ont .	Forento, Ont.
1	7501	" 1	Alvin Parker Butes		St. John, N.B.	St. John, N. B.
1	7307 1		Io f Gelson Marrotte	3rd	Bienville, P.Q	Quehec, P.Q.
Arthur Win Maines	1		John Sheridan	3rd	Sorel, P.O	Sorel, P Q
1787	5000	· )	Arthor Man Marge		Mid-ind tint	Loronto, Unt
Try	1971	- t <sub>1</sub>	to Hunean, Jr		Bienville, P.Q.,	Onebuc, P.O.
1973   10	737		( ) Henry Wallace Carr	4th	Owen Sound, Ont	Collingwood, Ont
1	1 1		H rvey Ruel		Intenvitie, r. Q	Quebec, P Q
1	7575	- 11	Arnold Creethware		Windsor Ont	Cluronto Ont
1	771	Es .	Lerenzo Dion	3rd	St. Pierre les Becquets, P.Q.	Montreal, P Q
1	7977	Fs.	VII n Jna McLein		Newe tle, N B	St Jala, N.B.
1	7573	F <sub>2</sub>	On the Landier		Mantreal P ()	Montreal P.G.
1	7 1	7			Sorel, P.O	Serel, P Q
Trace   Inc   In	1 1	7	Wrn Coukill Ow n	3rd	Victoria, B.C	Victoria, B C
1	-		Tr no Ino Drake		Victoria, B.C.	Victoria, B C
1	- 1				Lort Eric. Ont	
1	7 1	4 2	John I lim and	3rd	Charlottetown, P.E.I	St. John, N. B.
1	7	14	Ole Julia Serensen .	4th	Vancouver, B.C.	Vancouver, B.C
1	4 4				Vancouver, B.C.	Vancouver, B C.
T	7	11	for the Land Chandren		Sorel, I.O.	Sorel, P.O.
7   11	7 ()	11	Alex Gragnon	4th	Notre Dame Pierreville	Sorel, P.O.
The first of Wongers and Sorel, P.Q. Sorel	7-11	11	Adult of St. Pierre,		St. Joseph de Sorel, P.O.	Sorel, PQ
The state of the s	2 27	()	Carron Lugene Valla		Granville Forry N S	Sorel, I' Q Bahfor N S
. Mr. h. 11 G. Wall et Pratt. 4th North Vincouver, B.C. Vancouver, B.C.	7 4	" 11	Jan Owen Irv ne		Vancouver, B C.	Vancouver, B.C.
		M r h 11	Co > Wall r - Pract		North Vincouver, B.C	Vincouver, B.C.

### TABLE VIII—Concluded.—TABLEAU VIII—Fin.

No. of Certificate. Nos des cer- tificats.	Certi	te of ficate. es des ficats.	Name. Noms.	Class. Classes.	Address. Adresses.	Place of Examination. Localité où l'examen a été passé.
7896 7897 7898 7899 7900 7901	19	17 17 17	Alex. Henry Cameron Rae Eugene St. Germain. Herbert Sager Ole Jacobsen. Joseph Page. Charles Gibson	4th 3rd 3rd	Napanee, Ont	

Fecs collected—222 at \$5 = \$1,110.00.

Table IX.—List of Certificates granted to Engineers of steamboats during the Fiscal Year ended March 31, 1917.

### TEMPORARY CERTIFICATES.

Tableau IX.—Liste des certificats accordés aux mécaniciens de bateaux à vapeur durant l'exercice financier terminé le 31 mars 1917.

### CERTIFICATS TEMPORAIRES.

No. of certi- ficate.	Date of certificate.	Name.	Address,	Place of Examination.
	_	_	_	-
Nos	Dates des certificats.	Noms.	Adresses.	Localité où l'examen a &
certi-	Certificats.			passe.
ticats.				
	1915.			
485	April 6	Earl George Ramsay	Vancouver, B C.	Various R C
486	6	William Ashmore Collins.	Fort George, B.C.	Vancouver, B.C. Victoria, B.C.
487	" 11	William Ashmore Collins. Edward Prime.	Fort George, B.C. St. John, N.B.	St. John, N. B.
453	" 11	Gust Hanson Thomas Paquette	Sechelt, B.C The Pas, Man	Vancouver, B.C. Kenora, Ont
490	20	Isaic Poirier	Ste. Agathe des Monts, P.Q.	Montreal, P Q
491	20	William Harold Turner	Vancouver, B.C.	Vancouver, B.C.
492	·· 20 ·· 26	Walter McMullen Lambert	Gravenhurst, Ont	Toronto, Ont
494	4 26 26	Withiam McIntosh Stark Allan McLenn	Vancouver, B.C., Newcastle, N.B.,	Vancouver, B.C. Newcastle, N.B.
495	May 4	Edmond Villeneuve .	Kenora, Unt	Kenora, Ont.
496	4	Constant Lecoanet.	Nominingue P ()	Montreal, P.Q.
497	4 4	George Thomas Stanton Donald John McDonnelt	Port Stanton, Ont . Kenora, Ont	Toronto, Ont. Kenora, Ont.
41111	" 4	Frederick Herbert Chappetl	Vancouver, B.C.,	Vancouver, B.C.
500	9	William Victor Seymour	Sechelt, B.C.,	IVancouver, B.C.
501 502	" g	Charles Fowter Anderson	Athabasea, Alta	Athabasea Landing, Alta.
503	11 11	Fraest Price Rochester Rothwell Galt McCrady .	Vancouver, B.C., Kerrisdale, B.C.	Vancouver, B.C. Vancouver, B.C.
514	" 11	Adelard Castonguay	Carinon, P.Q	Curillon, F.Q
505	19	Newton Kirby Wagg	Midland, Ont	Midland, Ont.
506 507	" 19 " 19	William James McEntyre William George Murray	Port Stanley, Ont . Portage Lake of Bays, Ont .	Poronto, Unt Huntsville, Ont.
505	" 19	Walter Edward Atkins .	Port Hawkesbury, N.S.	Hahfay, N 8
509	" 19	Horace Handford Snow	Port Wade, N.S.,	Halifax, N.S. Halifax, N.S.
510 511	" 23 " 29	Seward Foster Lilward William Murray Blannin	Grand Harbour, N B Vancouver, B.C.	St. Stephen, N.B. Vancouver, B.C.
512	11 23	Robert Barley	Glenora, Ont .	Gienora, Ont
513	11 23	Harvey Miller Stanley Cross	Bobcaygeon, Ont.	Kingston, Ont
514 515	" 29	Stanley Cross James H. Laird	Gananoque, Unt Bristol, P Q	Sand Point, Ont.
516	June 6	Walter Eventoran Sright	Vancouver, B.C.	Vancouver, B.C.
517	" 6	Emil Byland,	Kenora, Ont	Kenora, Ont
515 51 (	" 13	William Joseph Mark	Amherstburg, Ont	Windsor, Ont. Habfax, N.S.
520	" 13	Witham George Grayley Ernest Price Rochester	Lockport, N S Vancouver, B C	Vancouver, B.C
321	** 13	Benjamin Windsor	Callender, Unt	Sturgeon Falls, Ont
522	" 13	Chifford Tredway	Peace River, Alta.	Peace River, Alta.
523 524	" 13	Albert William Maglein Albert Shaw Ward	Rolln, B C Bollovilla Ont	Peace River, Alta.
525	17	"Gordon Percy Colweil	Belleville, Ont St. John, N.B.	Belleville, Ont St. John, N. B
526	17	John Alfred Harris	Gore's Landing, Ont	l'eterhoro, Unt
527	" 17 " 17	Wartin Cassell William Howie	Morrisburg, Ont Perth, Ont	Morrisburg, Ont. Kingston, Ont
52)	" 20	Peter Brow	Lake Megantic, P Q	Megantic, P Q
530	**	William James Pan mett	[Inkelield, Ont	Exingation, Ont
531 542	17	Lidmond Villeneave Die idonner Laffanime	Kenora, Ont	Ivenora, Ont Calumet, P Q
51	11 21	Joseph Lefebyre	Calumet, P Q Monte Bello, P Q	Monte Bello, P Q
5	0 27	Outpa Payette	Buckinghum, P Q	Buckingham, P.Q
50	11 27	Andrew Chrétien David Thomas Halt	Figurett, P Q	Immedia I Q
5 in 537	11 2m	- David Thomas II di - Water William Richardson	Vrrowhend, B C New Westminster, B C	Arrowhead, B C Vancouver, B C
5. %	July 5	Incob Allan Kennedy	Burk's Falls, Ont	Toronto, Ont
53 (	10 5	Robert Anderson	Birkendale, Ont	Birkendale, Ont
541	11 "	Robert James Smith James Charle Barry	Port Carling, Ont Port Carling, Ont	Huntsville, Ont
512		Fre lerick Rich and Janeouski	Nanatino, B C	Toronto, Ont Victoria, B C
51.	11 7	William Brother ton	Peterboro, Ont	Engston, Ont
511	41 °	David Pitcenthly	Fencion Lulla, Ont	Engston, Ont
515 516	11	Andrew Lujeunce	Peterboro, Unt Bridgenorth, Ont	Peterboro, Ont
547	(10)	Walter Ldward Atkkins	Hawkenbury, N.S.	King ton, Ont Halifax, N.S.
544	1 11	Clifford Stanley France	Penetang, Ont	Penetang, Ont
519	11 15	I dward Henry Lower Lidin II G. Lergu on	Hamilton, Ont Hamilton, Ont	Hamilton, Ont

### TABLE IX—Concluded.—TABLEAU IX—Fin.

10.0				
erti-	D	1		
cate.	Date of		4.5.5	
_	certificate.	Name.	Address.	Place of Examinacion.
V03		_		****
des	Dates des	Noms.	Adresses.	Localité où l'examea a é
erti-	certificats.			passé.
cats.	- COLOTHOUSE.			pracoc.
Listo.				
	1915.			The state of the s
	11 17	T 111		
551	11	Raymond Martell	Louisburg, N.S Sydney, C.B Pictou, N.S Reeds Point, N.B Ste. Anne de Chicoutimi, P.O.	Halifax, N.S.
552	1.4	Guy Darby	Sydney, C.B	Hahfax, N.S.
553	" 17	James Holmes.	Pictou, N.S.	Halifax, N.S. Halifax, N.S.
554	" 19	Adino Paddoek Pitt	Reeds Point, N.B	Gondola Point, N.B.
555	" 21 .	Thomas Gagnon, Sr	Ste. Anne de Chicoatimi, P.Q.	Chicoatimi, P.Q.
556	" 21 .	Thomas Gagnon, Jr	Ste. Anne de Chicoutimi, P.Q	Chicoatimi, P.Q.
557	" 21	Chas. Layton Dupont Sims	Little Current, Ont	Manitowaning, Ont.
558	" 24	Earl Howard Bock	Vaccouster B C	Vancouver, B.C.
	" 24		Vancouver, B.C	
559	4.12	Robert William Pyne	Vancouver, B.C Vancouver, B.C Vancouver, B.C	Vancouver, B.C.
560	2/2	Frank Paterson	vancouver, B.C	Vancouver, B.C.
561	40	Lac Girard	Roberval, P.Q	Roberval, P.Q.
562	" 28	Lac Girard Charles Wood	Latchford, Ont	Haileybary, Ont.
563	August 1 .	Burnard North Olde	The Pas, Man	The Pas, Man.
564	17 4	George Albert Lane	Gravenhurst, Oat	Toronto Ont
565	" 9	Victor Soullière.	Sorel, P.Q.,	Sorel, P.Q.
566	" 12	Mearvel Jeastin Meartin		Toronto, Ont.
567	" 24	Charles Lemay		Grandes Piles, P.Q
	" 24		C	
568	24	Julien Veaugeois	Grandes Files, F.Q.	Grandes Piles, P.Q.
569	47K .	Kenneth Nickerson.	Barrington Passage, N.S	Halifax, N.S. Mission City, B C.
570	24	Albert Moulday	Mission City, B.C.	Mission City, B C.
571	" 24	John Robert.	Kenora, Ont	Kenora, Ont.
572	" 24	William Turner	Kenora, Ont Vancouver, B.C.	Vancouver, B.C.
573	" 24	Trefflé Bougie	Valleyfield, P.Q Ottawa, Out. Ridgeway, Ont New Westminster, B.C.	Montreal, P.O.
574	Sept. 5 .	Joseph Grover Loney	Ottawa, Ont.	Ottawa Ont
575	5	Charles Francis Adams	Ridgeway Ont	Point Abino, Ont.
576	" 5	Herbert Rushton	Now Westminston B.C.	Vancouver, B.C.
577	" 5	William Ambrose Walton	Louis Ont	Lasia Cat
578	0		Corning, Val.	Loring, Ont.
	0	Joseph Ranger	Loring, Ont Greece's Point, P.Q Mettagami Heights, Ont.	Montreal, P.Q.
579	į o	Claude Edward Halpin	Mettagami Heights, Oat.	Mattagami Heights, Oat.
580	1 1	Archie Rattray.	Cross Point, P.Q	Cross Point, P.Q.
581	10	J. Ernest Desjardins	St. Denis, P.Q.	Sorel, P.Q.
582	" 26 .	Albert J. Rateliff	West Peace River, Alta .	Edmonton, Alta.
583	Oct 6	Joseph Leblanc	Fassett, P.O.	Fassett, P.Q.
584	** 16	Harry Lawson Thompson.	Vancouver, B.C.,	Vancouver, B.C.
585	# 24	Julien Lemay	Vancouver, B.C Grenville, P.Q.	Calumet, P.Q.
586	26	Julien Lemay	New Westminster, B.C.	
587	Nov. 11	Frederick M. Young	Young's Point, Ont.	New Westminster, B.C.
588	4 20	August Porter Abolit	Distant and a No	Kingston, Ont.
	20 .	August 1 Orter Aboutt	Fictou Landing, N.S.	Halifax, N.S.
589	Dec. 1.	Thomas Robert McLay .	Nanaimo, B.C.	Nanaimo, B.C.
590	1	Herbert Goodwin	Pietou Landing, N.S. Nanaimo, B.C. Yarmouth, N.S.	Halifax, N.S.
591	" 19	Lewis Kirkman	Vancouver, B.C.	Vancouver, B.C.
	1917,			
	Jan 15	Archie Benjamia Wamback.	Halifax, N.S Kelowna, B.C Naramata, B.C	Halifax, N.S.
593	" 17	Leonard Smith	Kelowna, B.C	Kelowna, B.C.
594	" 17 .	Gerald Roe	Naramata, B.C.	Victoria, B.C.
595	" 31 .	Joseph V. Robert Gale	West Vancouver, B.C	Vancouver, B.C.
596	Feb. 7	Jao. Stephen McDonald.	Viotoria R C	Viatorio B C
597	12	Wm Ashmara Collins	Victoria, B.C. Fort George, B.C. Morrishurg, Ont	Victoria, B.C.
		Wm. Ashmore Collins	roft George, B.C.,	Victoria, B.C.
598	March 19	Harry Myers	Morrisburg, Ont	Kingston, Ont.
599	" 22 " 26	Peter Sherwood Roe	Naramata, B.C	Victoria, B.C.
600			Halifax, N.S	Halifax, N.S.

Fees collected—116 at \$2.00 = \$232.00.













