

nel will extend from the Fraser mills to the Pitt river bridge, and the harbor, as at present planned, will extend from St. Marys hill to the Pitt river bridge. It is intended to have a channel 1,000 ft. wide. The survey will, it is estimated, cost \$10,000. Soundings show an average depth of water of 30 ft. from the Fraser mills to the bridge, at which latter point, the depth is increased to 55 ft. It is stated that the results of the survey will be turned over to the Government to form the basis of a Government work.

The Coquitlam Shipbuilding and Marine Railway Co. has been organized with \$500,000 capital, for the purpose of establishing a ship building yard for vessels up to about 800 tons, and repairing vessels up to 700 ft. long. L. D. Shafner, of Bridgetown, N.S., who is interested in the company, is re-

ported to have stated that it is fully financed, that he has acquired 8½ acres at the junction of the Pitt and Fraser rivers, and that work will be commenced immediately. The plan is to build sailing vessels chiefly, ranging from 300 to 800 tons, equipped with auxiliary power, suitable for the lumber trade, between British Columbia ports and the West Indies, via the Panama canal.

Capt. E. H. Todd, of the s.s. Strathspey, has communicated to the British Admiralty, the British Board of Trade and the U. S. Hydrographic office, information relating to the navigation of the Fraser river, which is intended to correct false impressions as to the safety of navigation on the river. He states that his vessel, which is 4,432 tons gross, 2,852 tons net, entered the channel fully loaded with 6,000 tons of steel rails

from Sydney, N.S., drawing 22 ft. at high water, and went up to Port Mann without having less than 2 ft. of water beneath her keel. The tidal influence is never such as to materially affect the speed, or steering, and navigation is never impeded by ice at any time of the year. Lights are well placed, pilots are skilful and trustworthy, there are several engineering shops at New Westminster, and considerable works are in progress there which will make it a thoroughly up to date port.

The contract for the construction of a steamship for the Customs service on the Atlantic coast, for which tenders were recently received, has been awarded to J. I. Thorneycroft and Co., Southampton, Eng., the price being £56,300.

List of Steam Vessels Registered in Canada during July, 1912

Name.	No.	Where and When Built.	Engines, etc.	Length	Breadth	Depth	Gross Tons	Reg. Tons	Port of Registry	Owners.
Active	130382	Port Clinton, O., 1904	Screw 3 n.h.p.	54.9	12.5	4.8	34	29	Amherstburg, Ont.	J. Fraser and I. M. Hackett, Amherstburg, Ont.
Adine II	130933	Stamford, Conn., 1910	" 4 "	55.6	10.9	6.8	21	14	Montreal	J. K. L. Ross, Montreal.
B. C. L.	130773	Michipicoten, Ont., 1911	" 2 "	44.0	12.0	5.2	18	9	Sault Ste. Marie, Ont.	H. F. Huxtable, Michipicoten, Ont.
B.C. Express	130833	Soda Creek, B.C., 1912	Paddle 10 "	121.3	27.9	4.8	449	283	Victoria, B.C.	British Columbia Express Co., Ashcroft, B.C.
Bernice	131061	Tancook, N.S., 1912	Screw 1 "	40.2	9.8	5.0	11	10	Lunenburg, N.S.	J. Langill, M.O., Tancook, N.S.
Cecil P.L.	130957	" "	" 3 "	41.4	10.4	5.5	12	11	"	V. Langille, Tancook, N.S.
DavisMcNab	130589	Mahone Bay, N.S., 1912	" 3 "	68.6	17.5	8.7	53	34	Halifax, N.S.	McNab Resort Co., Halifax, N.S.
Elgomar	131028	Vancouver, B.C., 1912	" 2 "	38.0	10.4	4.5	14	9	Vancouver, B.C.	H. M. Burritt, Vancouver, B.C.
Estey	131073	Lunenburg, N.S., 1912	" 1 "	43.8	10.8	5.0	11	10	Lunenburg, N.S.	N. Silver, Lunenburg, N.S.
Fredna	131143	Vancouver, B.C., 1912	" 1 "	34.7	7.6	3.7	9	7	Vancouver, B.C.	E. E. Cunningham, Vancouver, B.C.
Gene	131144	" "	" 2 "	40.0	9.5	4.7	16	11	"	C. Wakley, Vancouver, B.C.
Hosie	131077	Tancook, N.S., 1912	" ½ "	40.0	10.0	5.0	11	10	Lunenburg, N.S.	S. Wilneff, M.O., Tancook, N.S.
John R.	130431	Collingwood, Ont., 1911	" 27 "	75.0	13.2	8.1	94	45	Sarnia, Ont.	Blind River Towing Co., Blind River, Ont.
Stover	130499	New Westminster, B.C., 1912	" 8 "	49.0	14.0	5.1	31	18	New Westminster, B.C.	Canadian Tug Boat Co., Vancouver, B.C.
Joyful	126794	Steveston, B.C., 1910	" 24 "	39.0	8.8	4.5	11	8	Vancouver, B.C.	L. Freer, Vancouver, B.C.
Kawasemi	131036	U.S.	" 3 "	28.8	9.0	3.7	9	8	"	E. Emmerson, North Vancouver
Kid	131102	Montreal, 1912	" 3 "	33.8	10.0	3.2	9	6	Montreal	A. Bonenfant, Bout de l'Isle, Que.
Laval Ferry	131065	Tancook, N.S., 1912	" 1 "	40.4	10.2	6.0	13	12	Lunenburg, N.S.	A. Cross, Tancook, N.S.
Lois M.C.	131051	Chicago, Ill., 1891	" 154 "	310.5	39.1	21.3	2410	1578	Port Arthur, Ont.	J. Whalen, Port Arthur, Ont.
Marina	130927	Detroit, Mich., 1882	" 92 "	244.0	36.9	18.6	1530	937	Montreal	F. E. Hall, Montreal, Que.
Massachu-	130930	Lachine, Que., 1912	" 2 "	37.0	9.7	4.6	12	8	"	C. de W. Reid, Lachine, Que.
settis	130590	Bayside, N.S., 1912	" 2 "	67.8	14.8	7.5	39	28	Halifax, N.S.	N. B. Fader, Bayside, N.S.
Merah II	130248	Liverpool, N.S., 1912	" 1 "	30.8	8.2	4.5	15	11	Liverpool, N.S.	J. C. Bartling, Liverpool, N.S.
Oak Leaf	131039	Vancouver, B.C., 1912	" 2 "	36.0	8.2	3.6	5	3	Vancouver, B.C.	W. Turner, Vancouver, B.C.
Ocoeba	131039	Vancouver, B.C., 1912	" 2 "	36.0	8.2	3.6	5	3	Vancouver, B.C.	W. Turner, Vancouver, B.C.
Pronto	131039	Vancouver, B.C., 1912	" 2 "	36.0	8.2	3.6	5	3	Vancouver, B.C.	W. Turner, Vancouver, B.C.
Quathiaski	131040	Steveston, B.C., 1912	" 4 "	52.7	13.3	6.4	37	25	"	W. E. Anderson, Quathiaski Cove, B.C.
No. 5	130928	Sorel, Que., 1912	" 28 "	61.4	15.7	8.7	74	38	Montreal	Sincennes-McNaughton Line, Montreal
Rosalie, L.	131141	" "	" 1 "	31.2	8.3	3.6	8	6	Vancouver, B.C.	W. N. Hoyt, Vancouver, B.C.
St. Lawrence	130958	Vancouver, B.C., 1912	" 1 "	47.2	13.0	7.0	23	21	Lunenburg, N.S.	L. Duggan, et al., East Dover, N.S.
II	130958	Tancook, N.S., 1912	" 6 "	45.0	11.0	4.8	18	12	Chatham, N.B.	C. Reinsborough, Chatham, N.B.
Shianne	130989	Chatham, N.B., 1912	" 6 "	45.0	11.0	4.8	18	12	Chatham, N.B.	C. Reinsborough, Chatham, N.B.
Sir Douglas	130989	Chatham, N.B., 1912	" 6 "	45.0	11.0	4.8	18	12	Chatham, N.B.	C. Reinsborough, Chatham, N.B.
Sombrio	130989	Chatham, N.B., 1912	" 6 "	45.0	11.0	4.8	18	12	Chatham, N.B.	C. Reinsborough, Chatham, N.B.
Queen	130884	Victoria, B.C., 1911	" 2 "	36.0	8.6	4.6	8	4	Victoria, B.C.	J. C. Pendray, Victoria, B.C.
W. L. Forest	132613	Goderich, Ont., 1912	" 37 "	68.0	17.6	9.6	84	57	Goderich, Ont.	W. Birmingham, Goderich, Ont.
W.L.Murphy	131121	Pembroke, Ont., 1912	" 4 "	88.6	18.0	6.5	80	49	Ottawa	J. Ryan, Pembroke, Ont.

List of Sailing Vessels and Barges Registered in Canada during July, 1912

Name.	No.	Where and When Built.	Rig.	Length	Breadth	Depth	Reg. Tons	Port of Registry.	Owners.
Angus W. Robertson	130936	Montreal, 1912	Scow	110.1	28.1	7.9	199	Montreal	M. J. Haney, et al. J.O., Toronto.
C. W. Mason	131066	Lunenburg, N.S., 1907	Schr.	42.8	10.6	5.2	11	Lunenburg, N.S.	C. Mason, Eastern Point, N.S.
D'Arcy Leamy	130939	Montreal, 1912	Scow	100.1	27.9	7.0	154	Montreal	M. J. Haney, et al. J.O., Toronto.
Edward I	126936	Toronto, 1906	"	103.0	28.2	7.6	193	Quebec, Que.	La C. Generale du Port de Chicoutimi, Que.
Edward II	126937	"	"	103.0	28.2	7.6	193	"	"
Edward III	126938	"	"	103.0	28.2	7.6	193	"	"
Edward IV	126939	"	"	103.0	28.2	7.6	193	"	"
Edward V	126940	"	"	103.0	28.2	7.6	193	"	"
Edward VI	131011	"	"	103.0	28.2	7.6	193	"	"
Gyno	126880	Meteghan, N.S., 1912	Sloop	35.0	16.0	5.0	11	Digby, N.S.	E. Thomas, Westport, N.S.
H.C.R.	126297	Tancook, N.S., 1911	Schr.	43.6	12.7	6.8	18	Canso, N.S.	H. Kavanagh, M.O., Canso, N.S.
Hugh Quinlan	130937	Montreal, 1912	Scow	110.1	28.1	7.9	199	Montreal	M. J. Haney, et al. J.O., Toronto
U. S. M.	130785	Cap Rouge, N.S., 1912	Schr.	45.0	12.2	7.8	16	Port Hawkesbury, N.S.	J. Semon, Cap Rouge, N.S.
Leta J. Schwartz	130959	Lunenburg, N.S., 1912	"	106.8	26.3	10.4	95	Lunenburg, N.S.	J. Schwartz, M.O., Lunenburg, N.S.
M. G. Morgan	130666	Jardineville, N.B., 1912	"	36.0	12.0	5.0	12	Richibucto, N.B.	E. Scott, Jardineville, N.B.
Margaret E.	131075	Tancook, N.S., 1912	"	39.8	11.0	5.5	11	Lunenburg, N.S.	N. Fleming, Ketch Harbor, N.S.
Mattapex	131064	"	"	42.0	10.3	5.3	12	"	C. Scott, Indian Harbor, N.S.
Michael J. Haney	130938	Montreal, 1912	Scow	110.1	28.2	8.7	213	Montreal	M. J. Haney, et al. J. O. Toronto.
Osoris	130940	Dorval, Que., 1912	Yawl	27.6	10.3	4.8	7	"	J. B. Patterson, Montreal.
P. W. D. No. 7	130249	Scotland, 1872	Dredge	130.0	20.0	11.0	47	Liverpool, N.S.	Minister of Public Works, Ottawa
P. C. Mason	131067	Lunenburg, N.S., 1909	Schr.	42.8	10.6	5.2	11	Lunenburg, N.S.	P. Mason and C. Mason, Jr., Eastern Point, N.S.
Plymouth Rock	131076	Tancook, N.S., 1912	"	48.0	13.5	7.0	24	"	O. Scott, M.O., East Dover, N.S.
Provincial No. 1	131001	St. John, N.B., 1912	Dredge	70.1	26.6	6.1	168	St. John, N.B.	Provincial Development Co. Beaconsfield, N.B.
R.M. & S. Scow No. 2	130315	Morrisburg, Ont., 1912	Scow	70.0	20.2	4.3	44	Toronto	R. Miller & Sons, Toronto.
St. Clements	130786	Eastern Harbor, N.S., 1912	Schr.	47.0	12.3	6.4	12	Port Hawkesbury, N.S.	Robin, Jones & Whitman, Halifax, N.S.
T. 4	131142	N. Westminster, B.C., 1909	Scow	60.0	22.0	6.2	102	Vancouver, B.C.	C. A. Thompson, Vancouver, B.C.
Thorella III	131101	Dorval, Que., 1910	Sloop	39.8	8.1	2.3	4	Montreal	W. C. Findley, Montreal.
Three Cousins	131062	Tancook, N.S., 1909	Schr.	41.2	10.2	5.6	13	Lunenburg, N.S.	H. Leslie, M.O., East Berlin, N.S.
Vagabond	130640	U.S.	Sloop	35.9	11.1	3.1	7	St. John, N.B.	A. E. Everett, St. John, N.B.
Vernie, S.	131063	Tancook, N.S., 1907	Schr.	38.5	9.9	4.8	10	Lunenburg, N.S.	A. Stevens, Tancook, N.S.