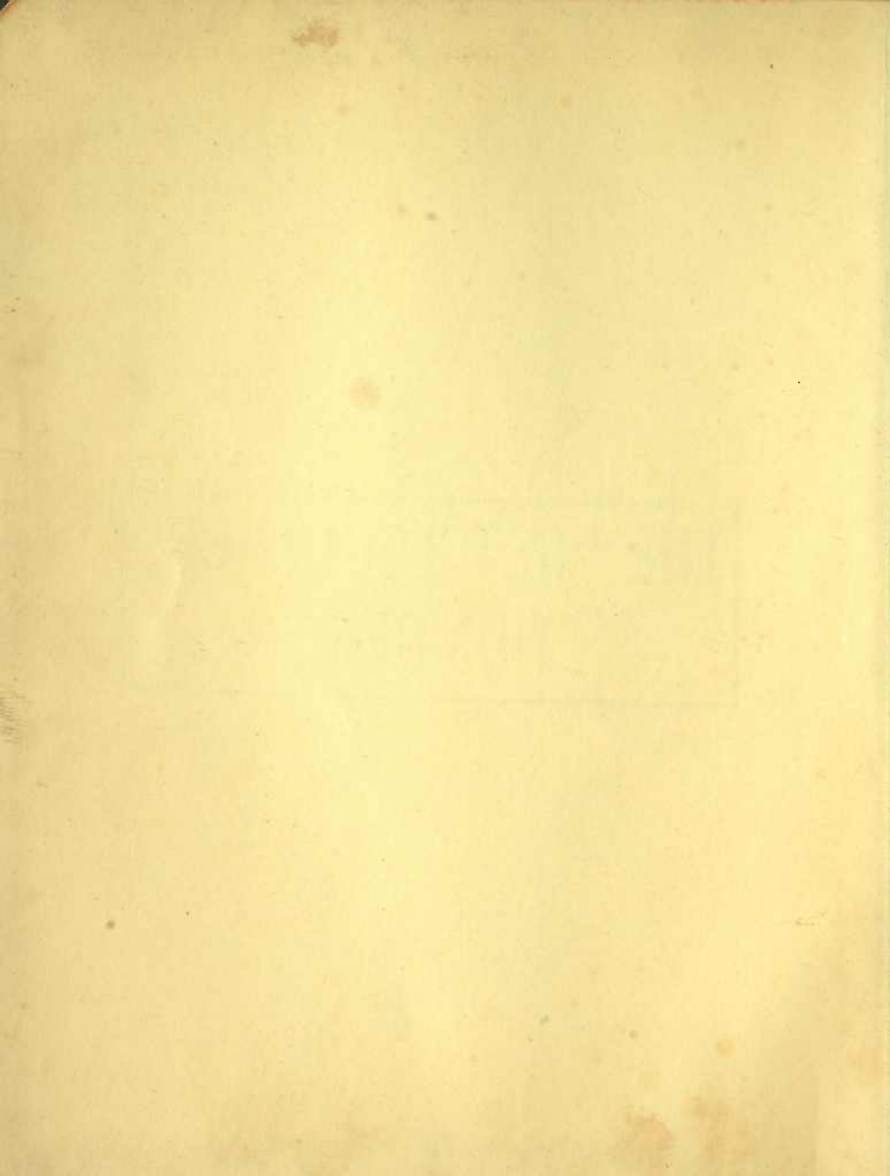


THE "GET TOGETHER"
NUMBER



A
DIRECTORY

OF NAMES, PENNANT NUMBERS AND ADDRESSES
OF ALL MEMBERS OF THE

Ship Masters' Association
of the Great Lakes

Also a List of Vessels of the Great
Lakes, American and Canadian, with
Names and Addresses of Owners.

Other Information of a Miscellaneous
Nature of Interest in Shipping Circles
on the Great Lakes.

APRIL, 1914

Copyrighted 1914
J. A. Holmes, Grand Financial Secretary, 307 Superior Ave.
CLEVELAND

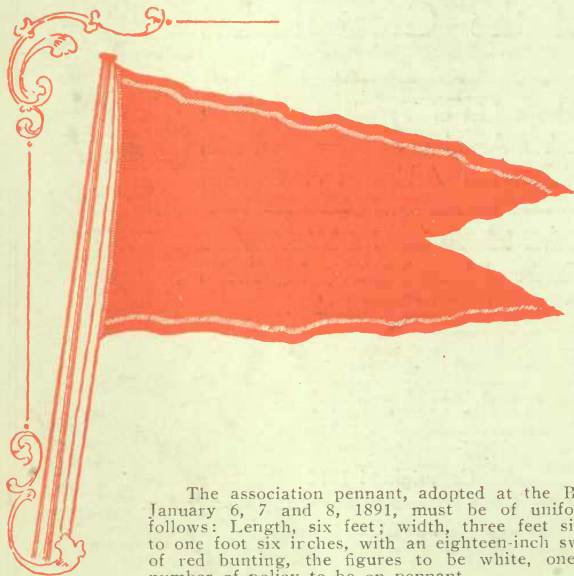
MARINE REVIEW PRINT, CLEVELAND

A FEW INTRODUCTORY REMARKS.

Brother Ship Master:—In sending forth our Annual Directory for 1914 entitled the "Get Together" Number, it is with the sincere desire to bring the Masters and our advertisers into a closer relationship. With this end in view, when it is possible to do so, call on our patrons, give them business whenever you can, or at least make yourself known, for on you depends the continued usefulness and success of our directory.

To Our Patrons.—We thank you for the loyal support given us in the past and hope to merit a continuance of your business. Please do not lose sight of the fact that aside from the business done with our boats, the families of our eleven hundred and fifty-four ship masters must be housed, clothed and fed the entire year, and that is no trifling amount of money that must go to the merchants. So let us "get together" and form a Mutual Aid Society.

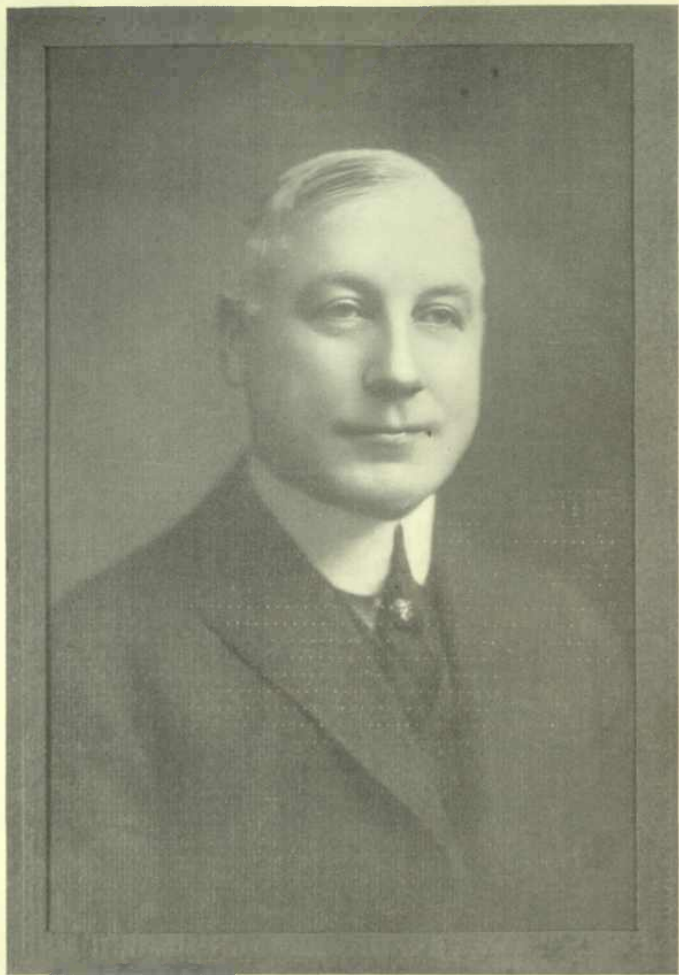
J. A. HOLMES, Grand Secretary.



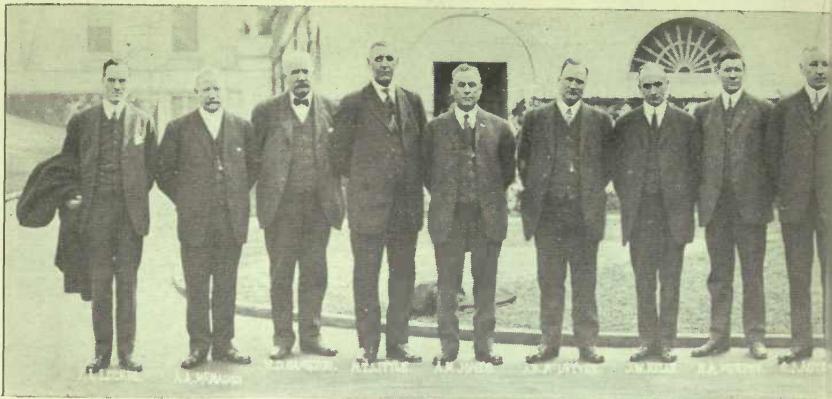
The association pennant, adopted at the Buffalo convention, held January 6, 7 and 8, 1891, must be of uniform size and color, as follows: Length, six feet; width, three feet six inches, and tapering to one foot six inches, with an eighteen-inch swallow-tail; to be made of red bunting, the figures to be white, one foot in length. The number of policy to be on pennant.

The pennant can be made any size by giving it the same proportions as above.

Note.—The Grand President requests all members to fly the pennant on their vessels.



CAPT. CHARLES AUTTERSON
Grand President



Grand Lodge Shipmaster
Janua

GRAND LODGE OFFICERS—1914

Grand President.....	C. J. Antterson
Grand First Vice President.....	A. C. Smith
Grand Second Vice President.....	James Kelly
Grand Treasurer.....	H. A. Murphy
Grand Financial Secretary.....	J. A. Holmes
Grand Chaplain.....	A. B. McIntyre
Grand Marshal.....	F. J. Simpson
Grand Warden.....	Peter Cartwright
Grand Sentinel.....	A. M. Jones
1st Past Grand President.....	Alex. Clark
2nd Past Grand President.....	C. E. Benham
3rd Past Grand President.....	Geo. McCullagh
4th Past Grand President.....	W. E. Rice
5th Past Grand President.....	Henry Leisk
6th Past Grand President.....	A. J. McKay
7th Past Grand President.....	C. H. Hubbard
8th Past Grand President.....	J. A. Ward
9th Past Grand President.....	W. D. Hamilton
10th Past Grand President.....	H. H. Parsons
11th Past Grand President.....	J. A. Calbick
12th Past Grand President.....	W. D. Ames
13th Past Grand President.....	M. G. McIntosh
14th Past Grand President.....	John H. McDonald
15th Past Grand President.....	John H. Sinclair
16th Past Grand President.....	James G. Herbert
17th Past Grand President.....	C. T. Bronson
18th Past Grand President.....	Millard M. Stewart

ADDRESSES OF SECRETARIES

Lodge No.	
1.	E. L. Shaw.....11 Wadsworth St., Buffalo, N. Y.
2.	S. M. Sinclair.....2037 Military St., Port Huron, Mich.
3.	M. F. Morgan.....2115 Summerdale Ave., Chicago, Ill.



Association in Washington

914

- | | | |
|-----|-------------------------|---------------------------------------|
| 4. | J. A. Holmes..... | 307 Superior Ave., Cleveland, O. |
| 6. | John McSweeney..... | 459 Maryland Ave., Milwaukee, Wis. |
| 7. | Charles G. Merckel..... | 122 Stanton St., Detroit, Mich. |
| 8. | C. E. Cottrell..... | Elizabeth St., Marine City, Mich. |
| 9. | E. G. Ashley..... | 207 Chamber of Commerce, Toledo, O. |
| 10. | M. A. Leonard..... | 416 Ford St., Ogdensburg, N. Y. |
| 11. | S. H. Smith..... | Algonac, Mich. |
| 12. | Albert Swenson..... | Hydrographic office, Duluth, Minn. |
| 14. | Frank Meno..... | 402 Thorn Apple St., St. Clair, Mich. |
| 15. | N. McKay..... | Owen Sound, Ont. |
| 16. | M. A. Marin..... | Port Arthur, Ont. |
| 17. | W. A. Lavigne..... | Marley St., Midland, Ont. |

ASSOCIATION HEADQUARTERS

- | | | |
|-----|--------------------------------------|--|
| 1. | Buffalo, N. Y. | 202 Main St.
(Saturdays at 2:30 o'clock P. M.) |
| 2. | Port Huron, Mich. | Wm. Jenkinson Block, Military and Water Sts.
(Thursdays at 2:30 o'clock P. M.) |
| 3. | Chicago, Ill. | 411 Northwestern Building, 208 North Fifth Ave.
(Thursdays at 2 o'clock P. M.) |
| 4. | Cleveland, O. | Corner Superior and West 3rd St.
(Fridays at 2 o'clock P. M. during Winter Season.) |
| 6. | Milwaukee, Wis. | 505-506 Chamber of Commerce
(Thursdays at 2 o'clock P. M.) |
| 7. | Detroit, Mich. | Biddle House Block, 234 Jefferson Ave.
(Tuesdays at 2:30 o'clock P. M. during Winter Season.) |
| 8. | Marine City, Mich. | Zimmerman Block, Corner Jefferson and Water Sts.
(Tuesdays at 7:30 o'clock P. M.) |
| 9. | Toledo, O. | 207 Chamber of Commerce Building
(Thursdays at 7:30 o'clock P. M.) |
| 10. | Ogdensburg, N. Y. | 41 Ford St.
(Wednesdays at 7:30 P. M.) |
| 11. | Algonac, Mich. | J. P. Stewart Building
(Thursdays at 2:30 P. M.) |
| 12. | Twin Ports Lodge, Duluth, Minn. | 1001 Torrey Bldg., Duluth, Minn. |
| 14. | St. Clair, Mich. | Quarters not yet selected |
| 15. | Owen Sound, Ont. | Quarters not yet selected |
| 16. | Fort William, Ont. | Quarters not yet selected |
| 17. | Midland, Ont. | Quarters not yet selected |

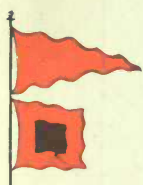
PAST GRAND PRESIDENTS



C. T. BRONSON	M. M. STEWART	J. A. CALBICK	
A. J. MCKAY	HENRY LEISK	J. A. WARD	
J. H. McDONALD	ALEX CLARK	GEORGE MCCULLAGH	M. G. McINTOSH
C. E. BENHAM	W. D. AMES	J. G. HERBERT	W. S. HAMILTON
	C. H. HUBBARD	H. H. PARSONS	
	J. H. SINCLAIR	W. E. RICE	

STORM SIGNALS

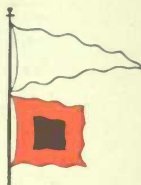
As displayed on the Great Lakes at United States
Weather Bureau Stations



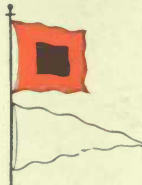
N. E. Storm.



S. E. Storm.



N. W. Storm.



S. W. Storm.



Hurricane or very
severe storm

Information signals (red or white pennant) displayed alone have been discontinued.

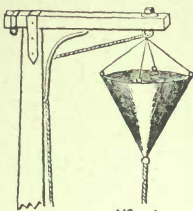
EXPLANATION

Storm Signal—A red flag with a black center indicates that a storm of marked violence is expected.

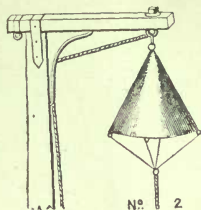
The pennants displayed with the flags indicate the direction of the wind; red, easterly (from northeast to south); white, westerly (from southwest to north). The pennant above the flag indicates that the wind is expected to blow from the northerly quadrants; below, from the southerly quadrants.

By night, a red light indicates easterly winds, and a white light above a red light, westerly winds.

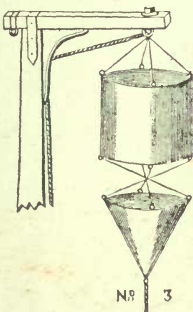
Hurricane Signal—Two red flags with black centers displayed one above the other, indicate the expected approach of tropical hurricanes, and also of those extremely severe and dangerous storms which occasionally move across the lakes and the northern Atlantic coast. Hurricane warnings are not displayed at night.



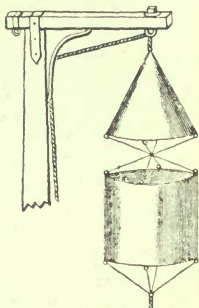
Nº 1



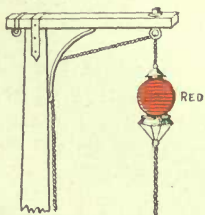
Nº 2



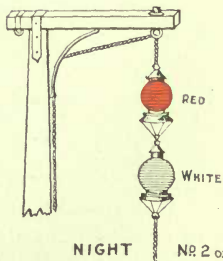
Nº 3



Nº 4



NIGHT Nº 1 or 3



NIGHT Nº 2 or 4

CANADIAN STORM WARNINGS.

Fig. No. 1.—This signal indicates the probability of a gale, at first from an Easterly direction.

Fig. No. 2.—This signal indicates the probability of a gale, at first from a Westerly direction.

Fig. No. 3.—This signal indicates the probability of a HEAVY gale, at first from an Easterly direction.

Fig. No. 4.—This signal indicates the probability of a HEAVY gale, at first from a Westerly direction.

The night signal corresponding to Nos. 1 and 3 is a red light.

Night signal corresponding to Nos. 2 and 4 is a red light above a white light.

NOTE I.—Mariners will be able to obtain further information from Signal Agents, or by consulting the daily forecasts.

NOTE II.—Mariners must always bear in mind that the storm signals do not necessarily mean that storm will occur at the place where the signal is displayed, but that one is expected either there or within such a distance that vessels leaving port would be liable to be caught in it.

R. F. STUPART, *Director.*

METEOROLOGICAL OFFICE,
TORONTO.

1914

1914 JANUARY 1914						
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
.	.	.	.	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1914 FEBRUARY 1914						
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
.

1914 MARCH 1914						
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	.	.	.	.

1914 APRIL 1914						
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
.	.	.	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	.	.

1914 MAY 1914						
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
.	.	.	.	.	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

1914 JUNE 1914						
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
.	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	.	.	.	.

1914 JULY 1914						
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
.	.	.	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	.

1914 AUGUST 1914						
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
.	.	.	.	.	.	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

1914 SEPTEMBER 1914						
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
.	.	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	.	.	.

1914 OCTOBER 1914						
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
.	.	.	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	.

1914 NOVEMBER 1914						
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	.	.	.	.	.

1914 DECEMBER 1914						
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
.	.	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	.	.

The Ship Masters' Association

Its Aims and Objects
Who Are Its Members

Extracts From Constitution

Article I—Purposes of the Association

Sec. 2. The purpose of this Association shall be to improve and elevate the characters of its members, to create a brotherly feeling, to visit the sick, render necessary assistance in case of death, to provide for a beneficiary fund, and to pay the same to the family of deceased members, or as may be otherwise directed.

Article V—Membership

Sec. 1. Every applicant for membership in this Association shall hold a master's certificate issued by the United States or Canadian Government, in force at the date of his becoming a member. He must also have been actively engaged in sailing within a period of two years prior to the date of his application for membership.

NAMES AND ADDRESSES OF MEMBERS, SHIP
MASTERS' ASSOCIATION

Pen- nant	Lodge	Name	Address	City
1867	1	Abel, Wm.	Queen St.,	Pt. Dalhousie, Ont.
996	6	Ackerman, J. C.	411 No. Robert St.,	Ludington, Mich.
1705	1	Acton, Jos. R.	22 Lyth Ave.,	Buffalo, N. Y.
1916	9	Adams, Jos.	care Barge No. 1,	Muskegon, Mich.
2153	14	Aitken, H. J.	.....	Courtright, Ont.
1334	2	Akers, E. C.	817 Park St.,	Pt. Huron, Mich.
2179	14	Albinson, C. R.	.....	Mooretown, Ont.
1116	4	Allen, C. L.	4712 Clinton Ave.,	Cleveland, O.
1038	4	Allen, Sam'l	1403 W. 65th St.,	Cleveland, O.
1816	4	Allen, M. G.	1608 Crawford Rd.,	Cleveland, O.
1904	6	Alexander, Algie	.....	Kewaunee, Wis.
2178	14	Alexander, Robert	.....	Mooretown, Ont.
1948	8	Ames, F. C.	Box 138,	Algonac, Mich.
1328	11	Ames, Aug.	.....	Algonac, Mich.
1620	4	Ames, G. W.	11810 Chesterfield St.,	Cleveland, O.
307	4	Ames, W. D.	15514 Detroit St.,	Lakewood, O.
1783	11	Ames, W. J.	Box 268,	Algonac, Mich.
2337	4	Amsbary, Walter F.	care Cleveland-Cliffs Iron Co.,	Cleveland, O.
1411	7	Anderholt, L. P.	137 Blaine Ave.,	Detroit, Mich.
1700	3	Anderson, Alex. A.	3037 Clifton Ave.,	Chicago, Ill.
1368	4	Anderson, C. A.	1360 Ethel St.,	Lakewood, O.
115	2	Anderson, E. B.	434 Perry St.,	Detroit, Mich.
1513	6	Anderson, Gus	901 34th St.,	Milwaukee, Wis.
2166	3	Anderson, Herbert E.	9 W. Maple St.,	Chicago, Ill.
570	4	Anderson, Jos.	7108 W. Clinton Ave.,	Cleveland, O.
1321	4	Anderson, M.	1064 E. 99th St.,	Cleveland, O.
448	6	Anderson, O. N.	Box 1601,	Milwaukee, Wis.
1641	4	Anderson, P. A.	1356 Bonny View Ave.,	Lakewood, O.
1498	3	Anderson, Sig	2208 No. Kimball Ave.,	Chicago, Ill.
1733	10	Anderson, S. V.	33 State St.,	Ogdensburg, N. Y.
1319	3	Anderson, Wm.	2037 Chase Ave.,	Chicago, Ill.
2170	6	Andrews, Andrew	893 Scott St.,	Milwaukee, Wis.
1892	1	Apsey, A. W.	45 Harvard Pl.,	Buffalo, N. Y.
1569	7	Archer, A. A.	177 Dragon Ave.,	Detroit, Mich.
253	7	Armstrong, B.	207 Blaine Ave.,	Detroit, Mich.
854	9	Ashley, E. G.	207 Chamber of Commerce Bldg.,	Toledo, O.
671	7	Ashley, W. A.	376 Hillger Ave.,	Detroit, Mich.

NAMES AND ADDRESSES.

Pennant	Lodge	Name	Address	City
1097	7	Atkinson, C. L.	208 King Ave.,	Detroit, Mich.
2047	11	Atkinson, Geo.	.....	Algonac, Mich.
1701	3	Atkinson, Gus E.	1919 Lawndale Ave.,	Chicago, Ill.
1689	7	Autterson, Chas.	care G. A. Tomlinson,	Duluth, Minn.
2104	14	Autterson, John	316 Trumble St.,	St. Clair, Mich.
1953	14	Autterson, J. W.	402 Trumble St.,	St. Clair, Mich.
1454	4	Bailey, F. A.	.....	Vermilion, O.
614	9	Bailey, R. N.	Hicks & Clinton Sts.,	Toledo, O.
1592	7	Bain, A. J.	111 Pelissier St.,	Windsor, Ont.
1960	8	Baird, John D.	.....	Marine City, Mich.
1397	7	Baker, Burton	328 Van Dyke Ave.,	Detroit, Mich.
1356	7	Baker, H. W.	601 Baker St.,	Detroit, Mich.
1137	7	Balfour, C. C.	237 Clairmount Ave.,	Detroit, Mich.
222	6	Ballentine, E. D.	1440 6th St.,	Pt. Huron, Mich.
1423	4	Banker, G. H.	1325 East 124th Pl.,	Cleveland, O.
1610	1	Barclay, John	380 Hudson St.,	Buffalo, N. Y.
1632	7	Barnes, C. E.	.....	Otter Lake, Mich.
2210	15	Barrett, N.	835 15th St. E.,	Owen Sound, Ont.
2293	1	Barry, Fred	523 Elk St.,	Buffalo, N. Y.
1384	4	Bartel, A. E.	214 N. Canal St.,	Chicago, Ill.
1894	4	Bartel, M. J.	Central Hotel, 1000 Superior Ave.,	Cleveland, O.
1903	8	Beall, A. R.	11707 Clifton Blvd.,	Lakewood, O.
2345	17	Beatty, Wilber	Russell St.,	Midland, Ont.
2196	7	Beauvais, Harry L.	1294 Seminole Ave.,	Detroit, Mich.
1090	4	Beggs, Thos.	1467 Olivewood Ave.,	Lakewood, O.
698	4	Bell, G. A.	.....	Vermilion, O.
1729	8	Bell, J. C.	524 Bell Ave.,	Marine City, Mich.
234	4	Benham, C. E.	36 Commercial Bk. Bldg.,	Cleveland, O.
427	4	Benham, Chas. A.	2119 W. 98th St.,	Cleveland, O.
1499	4	Benham, G. E.	2054 W. 100th St.,	Cleveland, O.
982	4	Benham, W. P.	care Hutchinson & Co., Leader- News Bldg.,	Cleveland, O.
1716	1	Bennett, Chas. D.	38 Plymouth Ave.,	Buffalo, N. Y.
1525	6	Bennett, G. J.	311 Florida St.,	Milwaukee, Wis.
978	6	Bennett, Henry	642 Madison St.,	Milwaukee, Wis.
1021	2	Bennett, J. S.	255 Fletcher St.,	Tonawanda, N. Y.
1126	9	Benson, Dan	.....	Prairie Depot, O.
1910	3	Berentsen, Jacob	care W. E. Holmes, 175 W. Jack- son Blvd.,	Chicago, Ill.
104	1	Berrow, J. H.	Box 37, R. F. D. No. 5,	Cullman, Ala.
1193	7	Bertrand, Frank	1176 15th St.,	Detroit, Mich.
1714	4	Birmingham, Jas.	.....	Geneva, O.
2249	15	Bishop, Joseph	1520 Eighth Ave. E.,	Owen Sound, Ont.

NAMES AND ADDRESSES.

Pen- nant Lodge	Name	Address	City
1205 4	Blatner, W. H.	2167 East 46th St.,	Cleveland, O.
1573 1	Boggan, Moses	139 Baynes St.,	Buffalo, N. Y.
1715 8	Booth, W. H.	R. F. D. No. 2,	Marine City, Mich.
1427 3	Bough, Chas.	121 W. Schuyler St.,	Oswego, N. Y.
1068 4	Bouille, David	3304 Marvin Ave.,	Cleveland, O.
1236 4	Bouille, Pierre	3304 Marvin Ave.,	Cleveland, O.
2335 12	Bourassa, Albert	General Delivery,	Duluth, Minn.
505 6	Boyce, H. M.	631 Superior St.,	Milwaukee, Wis.
1503 2	Bradshaw, J. L.	1013 Lincoln Ave.,	Pt. Huron, Mich.
1061 7	Brady, T. J.	147 Lothrop Ave.,	Detroit, Mich.
1387 4	Brant, Aug.	.....	Central Lake, Mich.
1605 3	Bright, Wm. T.	2707 N. Whipple St.,	Chicago, Ill.
2107 14	Brines, Jesse M.	415 Cass St.,	St. Clair, Mich.
2150 14	Brines, Samuel	804 Clinton Ave.,	St. Clair, Mich.
973 3	Brion, J. W.	713 Perry-Payne Bldg.,	Cleveland, O.
1262 8	Broadbridge, A. T.	Solway Lodge,	Detroit, Mich.
1727 1	Broderick, Benj.	565 Forest Ave.,	Buffalo, N. Y.
1651 1	Brooks, W. H.	57 Royal Ave.,	Buffalo, N. Y.
804 2	Brown, C. T.	Miss N. Brown, 35	The Majestic, Washington, D. C.
1768 2	Brown, Chas. D.	722 St. Clair,	Port Huron, Mich.
1673 7	Brown, Claud D.	R. F. D. No. 2, Box 267,	Geneva, O.
174 4	Brown, F. H.	7004 Franklin Ave.,	Cleveland, O.
1198 8	Brown, Hector	368 No. Elizabeth St.,	Marine City, Mich.
1531 14	Brown, Nelson	R. F. D. No. 4,	St. Clair, Mich.
2034 12	Brower, Harry	221 Willis Ave.,	Ashland, Wis.
1691 6	Brownell, J. A.	600 Delaware Ave.,	Milwaukee, Wis.
1083 6	Brownell, Stephen	598 Delaware Ave.,	Milwaukee, Wis.
1966 10	Bryan, W. P. G.	17 Elizabeth St.,	Ogdensburg, N. Y.
1542 4	Buchanan, Jas.	3302 Denison Ave.,	Cleveland, O.
1584 1	Buckley, J.	47 St. John Pl.,	Buffalo, N. Y.
995 2	Budd, Melvin	349 West 7th St.,	Erie, Pa.
319 1	Buie, Daniel	433 60th St.,	Englewood, Ill.
2106 14	Burk, Joseph C.	314 Cass St.,	St. Clair, Mich.
2328 17	Burke, B.	Church St.,	Penetanguishene, Ont.
2319 17	Burke, David J.	cor. Queen and Victoria Sts.,	Midland, Ont.
2316 17	Burke, E. F.	Manley St.,	Midland, Ont.
1117 7	Burke, Enos J.	415 Wabash Ave.,	Detroit, Mich.
2314 17	Burke, Fred	Manley St.,	Midland, Ont.
2305 17	Burke, Roy	.....	Penetanguishene, Ont.
1968 1	Burke, Stephen W.	3041 Eastman Ave.,	Oakland, Cal.
1167 9	Burnham, Geo. H.	207 Chamber of Com.,	Toledo, O.
1827 7	Burns, Geo. C.	298 Field Ave.,	Detroit, Mich.
1101 2	Burns, Jno.	1017 8th St.,	Pt. Huron, Mich.

NAMES AND ADDRESSES.

Pen- nant	Lodge	Name	Address	City
1294	1	Burns, Jno. J.	288 14th St.,	Buffalo, N. Y.
1945	1	Burns, James	468 Elk St.,	Buffalo, N. Y.
2247	7	Burns, Patrick	D. & C. Nav. Co.,	Detroit, Mich.
1589	4	Burns, T. C.	1843 W. 50th St.,	Cleveland, O.
1177	4	Burr, James	7209 Clinton Ave.,	Cleveland, O.
2078	8	Burrows, Arthur W	.....	Marine City, Mich.
1577	4	Burt, Geo. G.	2563 Maplewood Ave.,	Toledo, O.
227	2	Buzzard, Jno.	Box 82,	Blenheim, Ont.
1830	7	Byers, I. C.	222 Forest Ave.,	Detroit, Mich.
2063	3	Byork, O. C.	710 E. Main,	Benton Harbor, Mich.
2298	14	Cahours, Edward	.....	St. Clair, Mich.
290	4	Call, Richard	3 Fiske St.,	Ashtabula, O.
1374	7	Callam, A. C.	.....	Amherstburg, Ont.
256	3	Cambell, J. M.	115 E. 8th St.,	Michigan City, Ind.
1308	3	Campau, L. A.	358 East 59th St.,	Chicago, Ill.
731	7	Campau, W. H.	162 Kirby Ave., W.,	Detroit, Mich.
2171	1	Campbell, Chas.	409 Cumberland Ave.,	Buffalo, N. Y.
2057	4	Campbell, Jno.	Route 3,	Millington, Mich.
2071	11	Campbell, R.	Box 57, R. F. D. No. 1,	Algonac, Mich.
2103	14	Campbell, Robert	614 8th St.,	St. Clair, Mich.
2094	3	Campbell, Walter	10125 Commercial Ave.,	Chicago, Ill.
1241	2	Canartney, M.	715 Franklin Ave.,	Bay City, Mich.
1961	7	Cannolly, J. T.	1109 Gillett Ave.,	Port Huron, Mich.
1609	2	Carlisle, T. J.	1018 Poplar St.,	Pt. Huron, Mich.
914	4	Carlson, W. S.	4715 Clinton Ave.,	Cleveland, O.
149	3	Carr, Jas.	2202 W. 22nd St.,	Chicago, Ill.
1540	7	Carr, Whitney	22 Spruce St.,	Ashtabula, O.
2346	12	Carroll, Andrew	216 Vernon St.,	Duluth, Minn.
2307	17	Carson, Wm.	7th St.,	Midland, Ont.
439	6	Carter, W. J.	219 23rd St.,	Milwaukee, Wis.
1908	6	Cartwright, Peter	560 5th Ave.,	Milwaukee, Wis.
1819	6	Carus, Edw.	1209 Franklin St.,	Manitowoc, Wis.
1890	10	Casey, Henry	118 Elizabeth,	Ogdensburg, N. Y.
1495	2	Cassin, James	1334 Lapeer Ave.,	Pt. Huron, Mich.
2360	16	Cassin, Josue	68 Algoma St.,	Port Arthur, Ont.
1861	6	Cavanaugh, J. F.	309 2nd St.,	Grand Haven, Mich.
2028	12	Chamberlain, W. B.	516 East 7th St.,	Duluth, Minn.
1078	7	Chamberlain, F. D.	Kirby House,	Milwaukee, Wis.
861	2	Chambers, A. P.	829 Prospect Pl.,	Pt Huron, Mich.
2152	14	Chambers, David A	.....	Courtright, Ont.
44	4	Chapman, A. C.	1472 Robinwood Ave.,	Lakewood, O.
293	4	Chapman, C. B.	360 Washington Ave.,	Lorain, O.
1845	1	Chilson, W. E.	150 Woodward St.,	Buffalo, N. Y.
1125	6	Christensen, A.	753 Farwell Ave.,	Milwaukee, Wis.
892	6	Christenson, P.	815 State St.,	Manitowoc, Wis.
1355	7	Christie, Chas.	541 Clinton Ave.,	Detroit, Mich

NAMES AND ADDRESSES.

Pennant	Lodge	Name	Address	City
1172	3	Christopher, S.	1928 N. Richmond St.,	Chicago, Ill.
252	3	Chron, Thos.	223 Adams,	Bay City, Mich.
1393	1	Clark, J. C.	.....	Crittenden, N. Y.
1085	7	Clarke, A. A.	care Inland Steel Co.,	Indiana Harbor, Ind.
35	1	Clarke, George H.	424 Normal Ave.,	Buffalo, N. Y.
1844	1	Clarke, J. M.	591 Tonawanda St.,	Buffalo, N. Y.
1508	1	Clarke, W. E.	285 14th St.,	Buffalo, N. Y.
1696	6	Clauson, G. T.	571 5th Ave.,	Milwaukee, Wis.
2064	12	Clegg, H. B.	558 Oberlin Ave.,	Lorain, O.
433	4	Cleveland, C. R.	3500 Denison Ave.,	Cleveland, O.
1244	7	Clifford, Alex.	878 Fort St. E.,	Detroit, Mich.
370	3	Clow, J. M.	1232 Merryman St.,	Marinette, Wis.
642	3	Cochrane, David	3530 Ellis Ave.,	Chicago, Ill.
1070	4	Cody, F. B.	Care J. W. Petch, Walkerville,	Ont., Can.
2110	6	Coffey, Thomas J.	1501 Grant St.,	Marinette, Wis.
1438	4	Colbert, Thos.	1440 E. 89th St.,	Cleveland, O.
116	1	Coleman, J. H.	Care Jno. Perew, 686 Prospect Ave.,	Buffalo, N. Y.
274	4	Collier, W. A.	2185 E. 71st St.,	Cleveland, O.
1856	2	Comins, A. B.	922 Willow St.,	Pt. Huron, Mich.
1563	4	Conkey, C. M.	718 Erie St.,	Pt. Huron, Mich.
1949	14	Conlin, T. N.	315 Trumble St.,	St. Clair, Mich.
2102	6	Cook, Jacob F.	679 Clinton St.,	Milwaukee, Wis.
1274	6	Cook, J. G.	133 Oneida St.,	Milwaukee, Wis.
1309	9	Cook, J. W.	219 Mitchell Ave.,	Detroit, Mich.
1599	6	Coon, Geo.	441 Cass St.,	Milwaukee, Wis.
1930	2	Cooper, J. E.	632 10th St.,	Pt. Huron, Mich.
50	1	Corcoran, Jos.	225 E. 3rd St.,	Erie, Pa.
1977	9	Cornwall, A. W.	Gt. Lakes Tow. Co.,	Toledo, O.
738	4	Cottrell, G. L.	1290 Lakeland Ave.,	Lakewood, O.
1257	8	Cottrell, J. E.	Elizabeth St.,	Marine City, Mich.
2055	1	Coughlin, Michael	197 O'Connell Ave.,	Buffalo, N. Y.
448	1	Coughlin, Daniel	563 Perry St.,	Buffalo, N. Y.
1954	4	Cowie, Andrew	1510 Coutant St.,	Lakewood, O.
1012	2	Cowles, W. J.	Box 235,	Algonac, Mich.
1447	7	Craig, J. C.	134 Tyler Ave.,	Highland Park, Mich.
1135	4	Craigie, Alex.	1389 West 64th St.,	Cleveland, O.
1717	1	Crawford, G. B.	205 Vorhees Ave.,	Buffalo, N. Y.
1874	6	Crawford, J. G.	701 W. Ludington Ave.,	Ludington, Mich.
2059	3	Crawford, J. M.	147 West 14th St.,	Holland, Mich.
1730	2	Crockett, T. J.	437 11th St.,	Pt. Huron, Mich.
1664	2	Crocker, D. M.	528 St. Clair St.,	Pt. Huron, Mich.
1076	7	Crosby, W. J.	379 Cavalry Ave.,	Detroit, Mich.

NAMES AND ADDRESSES.

Pen- nant	Lodge	Name	Address	City
1445	3	Culnan, Jno.	1909 Newport Ave.,	Chicago, Ill.
2193	11	Cole, Fred S.	.....	Algonac, Mich.
2157	12	Cole, Martin	1524 East 7th St.,	Duluth, Minn.
2159	4	Collins, Allen	1528 Northland Ave.,	Lakewood, O.
2234	15	Cornet, D. F.	376 17th St. E.,	Owen Sound, Ont.
2233	15	Cornet, W. E.	376 17th St. E.,	Owen Sound, Ont.
1523	4	Culp, Hamilton	Box 575,	Willoughby, O.
2292	4	Culp, John W.	.....	Willoughby, O.
1252	9	Cunningham, J. J.	1725 Ontario St.,	Toledo, O.
827	1	Cunningham, Jas. J.	59 Ardmore Pl.,	Buffalo, N. Y.
2315	17	Cunningham, Wm. J.	Hogal Ave.,	Midland, Ont.
2224	10	Curran, John F.	177 N. Water St.,	Ogdensburg, N. Y.
2240	9	Dagon, Dennis	339 Wabash St.,	Toledo, O.
1360	6	Dailey, Michael	252 Brady St.,	Milwaukee, Wis.
1987	7	Davie, D. W.	62 Beals Ave.,	Detroit, Mich.
121	2	Davis, E. H.	717 Division St.,	Pt. Huron, Mich.
1812	1	Davis, Henry J.	157 Ohio St.,	Buffalo, N. Y.
138	2	Davis, H. W.	703 Ontario St.,	Port Huron, Mich.
2207	15	Davis, J. F.	.....	Warton, Ont.
1637	4	Dawley, W. W.	R. F. D. No. 1,	Conneaut, O.
1851	10	Delaney, Geo. J.	.....	North Augusta, Ont.
2282	4	DeLand, W. A.	1349 Nicholson Ave.,	Lakewood, O.
2172	1	DeLaney, Wm. F.	775 Fount Ave.,	Buffalo, N. Y.
1787	7	De Nike, Lee C.	147 Highland Ave.,	Highland Park, Mich.
2003	10	Dessert, W. G.	16 Clark St.,	Ogdensburg, N. Y.
983	4	Detlifs, Emil	3788 W. 33rd St.,	Cleveland, O.
199	3	Disher, Wm.	4838 Fulton St.,	Chicago, Ill.
4	1	Dissett, J. H.	36 E. Main Ave.,	Rochester, N. Y.
1668	2	Ditzel, H. E.	211 South 16th Ave.,	E., Duluth, Minn.
2334	12	Ditzel, Edward J.	234 3rd Ave.,	Two Harbors, Minn.
1492	4	Dixon, A.	3049 W. 30th St.,	Cleveland, O.
2089	6	Dixon, Edward F.	581 35th St.,	Milwaukee, Wis.
501	6	Doak, J. A.	599 Wentworth Ave.,	Milwaukee, Wis.
1429	4	Dobson, J. C.	Hawley House,	Cleveland, O.
2058	4	Dodge, W. J.	1260 St. Charles St.,	Lakewood, O.
1554	1	Doheen, J. B.	423 Fargo Ave.,	Buffalo, N. Y.
2032	12	Doherty, J. E.	Str. Mary Scott,	Ashland, Wis.
1075	7	Donaghue, E. J.	520 14th Ave.,	Detroit, Mich.
1719	1	Donahue, Jos.	72 Mont Clair St.,	Buffalo, N. Y.
2151	14	Doner, George R.	1876 E. 69th St.,	Cleveland, O.
1672	14	Doner, Jas.	R. F. D. No. 3,	St. Clair, Mich.
1766	14	Doner, T. F.	120 Avalon Ave.,	Highland Park, Mich.
1539	6	Dority, F. A.	889 Hackett Ave.,	Milwaukee, Wis.

NAMES AND ADDRESSES.

Pennant	Lodge	Name	Address	City
1683	7	Dorry, B. B.	Care Light House Inspector,	New Orleans, La.
1147	9	Doville, D. F.	P. O. Box 348, Central Sta.,	Toledo, O.
1251	9	Doville, Egbert	140 University Blvd.,	Toledo, O.
407	4	Doville, Jos.	.....	Sodus Pt., N. Y.
1744	10	Doyle, W. J.	7 Hamilton St.,	Ogdensburg, N. Y.
317	1	Drake, A. B.	1010 Prudential Bldg.,	Buffalo, N. Y.
1059	4	Driscoll, J. H.	1455 Northland Ave.,	Lakewood, O.
1670	1	Drury, J. E.	161 Dodge St.,	Buffalo, N. Y.
2327	17	Dube, Edmond	.....	Penetanguishene, Ont.
1864	10	Dubrulle, E. A.	49 Park St.,	Ogdensburg, N. Y.
1566	6	DuClos, Napoleon	409 119th St.,	Whiting, Ind.
1095	6	Duddleson, J. W.	110 Bingham Ave.,	Sault Ste. Marie, Mich.
532	7	Duncanson, D. J.	37 Reed Place,	Detroit, Mich.
1739	10	Dunn, C. A.	1287 Warren Ave., E.,	Detroit, Mich.
17	1	Dunn, Jno.	37 Charlotte Ave.,	Buffalo, N. Y.
2002	4	Dunn, P. H.	8700 Tompkins Ave.,	Cleveland, O.
1519	1	Dunn, Thos.	252 E. Utica St., c/o E. Dunn,	Buffalo, N. Y.
2141	4	Dunn, W. R.	7709 East 78th St.,	Cleveland, O.
1467	9	Dunseith, Jno.	820 Lincoln Ave.,	Toledo, O.
1534	8	Dupaie, F. A.	Box 218,	Marine City, Mich.
2254	4	Durkee, W. W.	6907 Wakefield Ave.,	Cleveland, O.
105	1	Durker, Henry	1104 S. Sacramento Blvd.,	Chicago, Ill.
1803	4	Durney, Jno.	Central Hotel,	Cleveland, O.
1127	4	Dyble, Edw.	14419 Detroit Ave.,	Lakewood, O.
2251	12	Dyrness, Ole	1911 Hughitt Ave.,	Superior, Wis.
2257	3	Eaton, R. C.	322 Erie St.,	South Haven, Mich.
1425	3	Edwards, M. L.	2758 Osgood St.,	Chicago, Ill.
2194	12	Ege, Gustaf	2322 West 4th St.,	Duluth, Minn.
1975	3	Eger, W. W.	218 Seeley Ave.,	Chicago, Ill.
1494	4	Ehrhart, J. W.	419½ 5th Ave.,	Duluth, Minn.
2158	12	Elden, Otto I.	208 Exchange Bldg.,	Duluth, Minn.
952	4	Eldridge, H. C.	1296 West 78th St.,	Cleveland, O.
899	3	Elliott, A. M.	2630 N. Troy St.,	Chicago, Ill.
2048	3	Elliott, C. A.	2630 N. Troy St.,	Chicago, Ill.
1363	3	Elliott, Frank	care W. E. Holmes & Co.,	175 W. Jackson Blvd., Chicago, Ill.
2080	7	Ellis, Claude A.	.....	Douglas, Mich.
1483	4	Ellis, F. S.	1348 E. 111th St.,	Cleveland, O.
2154	3	Emersen, S. K.	3727 Lyndale Ave.,	Chicago, Ill.
2084	12	England, Edward F.	614 Torrey Building,	Duluth, Minn.
1219	4	England, R. W.	1370 West 112th St.	Cleveland, O.
272	4	Ennes, C. G.	1231 West 117th St.,	Cleveland, O.
1529	4	Ennes, Everett	422 Jackson St.	Sandusky, O.

NAMES AND ADDRESSES.

Pennant	Lodge	Name	Address	City
2331	3	Enrigh, Herbert W	1056½ 18th St.,	Lexington, Mich.
1989	6	Ericksen, Henry	923 Trumbull Ave.,	Milwaukee, Wis.
1994	7	Ernest, C. W.	35 Boyd St.,	Detroit, Mich.
2007	1	Ernest, F. H.	6408 Vernon Ave.,	Buffalo, N. Y.
1886	3	Evans, Edw.	709 First Ave.,	Chicago, Ill.
1608	3	Evans, Jno.	1049 Ins. Ex. Bldg., c/o W. E. Holmes,	St. Joseph, Mich.
1536	3	Evans, Robert T.	1157½ Madison St.,	Chicago, Ill.
1885	6	Evanson, Arnold	care Chicago Tow Co.,	Milwaukee, Wis.
373	3	Everett, A.	300 West So. Water St.,	Chicago, Ill.
2275	16	Fader, A.	410 Ambrose St.,	Port Arthur, Ont.
1361	4	Faragher, Wm.	1354 Edward St.,	Lakewood, O.
1838	8	Fehmer, Otto	Box 382,	Marine City, Mich.
1386	4	Ferguson, J. A.	.....	Bayfield, Ont.
2340	3	Ferguson, Jas. J.	1548 N. Keeler Ave.,	Chicago, Ill.
629	7	Ferguson, R. E.	21 Janett Ave.,	Windsor, Ont.
1041	4	Ferguson, Wm.	1433 Robinwood Ave.,	Lakewood, O.
2266	16	Ferguson, W. J.	217 Heron St.,	Fort William, Ont.
1997	2	Ferley, E. J.	1734 Elk St.,	Port Huron, Mich.
247	4	Fick, F. A.	1638 East 86th St.,	Cleveland, O.
1464	1	Finegan, O. P.	22 Gelston St.,	Buffalo, N. Y.
2069	14	Finnegan, Herbert	105 N. 5th St.,	St. Clair, Mich.
1084	7	Firby, W. T.	52 Goyeau St.,	Windsor, Ont.
1974	3	Fischer, Robert	339 Cicero Ave.,	Chicago, Ill.
1446	4	Fitch, E.	1562 Cohasset Ave.,	Lakewood, O.
1457	3	Fitch, Edw.	609 So. Oak Park Ave.,	Oak Park, Ill.
1465	7	Flaherty, Jos.	Marine P. O.,	Detroit, Mich.
971	2	Fleck, Jas. A.	1475 Olivewood Ave.,	Lakewood, O.
42	1	Fletcher, Wm.	18 Kenefick Ave.,	Buffalo, N. Y.
451	3	Flood, G. W.	3059 Warren Ave.,	Chicago, Ill.
1227	8	Folsom, F. C.	225 Richton Ave.,	Highland Park, Mich.
2180	12	Forbes, Arthur	389 Normal Ave.,	Buffalo, N. Y.
1417	7	Forbes, Alex.	71 Hazelwood Ave.,	Detroit, Mich.
1141	7	Forton, F. S.	34 Fessenden St.,	Mt. Clemens, Mich.
1951	2	Foster, Jno.	810 Fort St.,	Pt. Huron, Mich.
2235	6	Fowler, Christa C.	.....	Montague, Mich.
1629	2	Fowler, Thos.	291 Vermont Ave.,	Detroit, Mich.
1679	4	Fowlie, Andrew	.....	Goderich, Ont.
612	7	Fox, A. J.	Foot of 1st St.,	Detroit, Mich.
1026	4	Fox, Benson	1634 E. 86th St.,	Cleveland, O.
2030	12	Fox, Henry	General Delivery	Two Harbors, Minn.
1576	9	Fox, J. C.	.....	Put-in-Bay, O.
2262	4	Francis, L. J.	3215 West 86th St.,	Cleveland, O.
1970	6	Franklin, W. E.	1005 State St.,	Traverse City, Mich.

NAMES AND ADDRESSES.

Pen- nant	Lodge	Name	- Address	City
2329	15	Frewer, Geo. D.	Albert Ave.,	Toronto, Ont.
2277	16	Friday, H.	8 Machar Ave.,	Port Arthur, Ont.
2276	16	Friday, J.	285 Park St.,	Port Arthur, Ont.
2022	2	Frilay, H. W.	2056 Military St.,	Pt. Huron, Mich.
200	3	Gallagher, A.	1141 Hayes Ave.,	Rogers Park, Ill.
2074	12	Gallagher, J. B.	1322 Ludington St.,	Escanaba, Mich.
2100	12	Gallagher, Jas. H.	10644 W. Walters Park Way,	Chicago, Ill.
2215	6	Gallagher, Lester A.	2408 Elm St.,	Milwaukee, Wis.
986	3	Gallino, A. P.	416 Jay St.,	St. Clair, Mich.
1771	11	Galton, F. D.	.....	Algonac, Mich.
2019	11	Galton, J. W.	.....	Algonac, Mich.
1911	10	Gamash, Fred	36 Patterson St.,	Ogdensburg, N. Y.
2336	12	Garner, Alfred D.	613 East 3rd St.,	Duluth, Minn.
2285	16	Garrick, W.	222 Angus St.,	Port Arthur, Ont.
1552	6	Garrity, Thos.	935 Newhall St.,	Milwaukee, Wis.
1585	7	Gatfield, E. D.	.....	Grosse Isle, Mich.
1653	1	Gebhard, F. R.	1308 Michigan St.,	Buffalo, N. Y.
1684	2	Geel, Guy G.	Commercial Bank,	Port Huron, Mich.
2265	16	Gehl, H. L.	283 College St.,	Port Arthur, Ont.
2342	3	Gellich, B. J.	1029 Webster St.,	Traverse City, Mich.
2310	17	German, Frank	5th St.,	Midland, Ont.
73	1	Gibson, Jas.	692 Prospect Ave.,	Buffalo, N. Y.
1723	1	Gibson, Jas.	290 Connecticut St.,	Buffalo, N. Y.
1060	1	Gibson, Jas. R.	692 Prospect Ave.,	Buffalo, N. Y.
831	9	Gillespie, I. G.	Box 566,	Pt. Clinton, O.
1600	7	Girardin, D. C., Jr.	1438 14th Ave.,	Detroit, Mich.
1595	4	Girardin, W. L.	1432 Westwood Ave.,	Lakewood, O.
1920	7	Gleason, J. F.	702 Lincoln Ave.,	Detroit, Mich.
2117	4	Glen, Alexander	2325 East 100th St.,	Cleveland, O.
2037	12	Glenn, M. E.	4106 West 4th St.,	Duluth, Minn.
2025	12	Glockle, M. B.	523 W. 6th St.,	Duluth, Minn.
1054	7	Goodrow, Frank	475 Cadillac Ave.,	Detroit, Mich.
1403	4	Goodwin, J. F.	2066 W. 87th St.,	Cleveland, O.
1526	7	Gordon, D. G.	504 Chamber of Commerce,	care C. A.
			Chamberlain,	Detroit, Mich.
2354	17	Gould, C. E.	Toronto St.,	Midland, Ont.
1493	4	Gould, F. E.	1591 E. 86th St.,	Cleveland, O.
770	1	Graham, Geo.	433 Prospect Ave.,	Buffalo, N. Y.
1314	1	Grant, C. J.	805 Main St.,	Conneaut, O.
1779	11	Grant, Theo.	Box 78,	Algonac, Mich.
1588	4	Grashaw, W.	2360 E. 89th St.,	Cleveland, O.
120	1	Grasser, Geo. L.	Neuva Gerona,	Isle of Pines, Cuba.
1568	3	Green, Arnold	3231 Potomac Ave.,	Chicago, Ill.
2042	12	Green, Chas. H.	1515 E. 4th St.,	Duluth, Minn.

NAMES AND ADDRESSES.

Pen- nant	Lodge	Name	Address	City
1016	1	Green, J. D.	955 West Ave.,	Buffalo, N. Y.
2049	1	Green, Jos. M.	529 Woodlawn Ave.,	Buffalo, N. Y.
2114	12	Greene, Peter	Box 74,	Manistique, Mich.
1150	14	Greening, Wm.	215 4th St.,	St. Clair, Mich.
2217	1	Greer, Alexander	25 Norman Ave.,	Buffalo, N. Y.
2122	6	Grimm, Otto C.	.....	Frankfort, Mich.
2304	10	Groulx, Edmond Jr	..... Beauharuois, P. Q., Can.	
2221	12	Gunderson, G.	419 Ashmun St.,	Sault Ste. Marie, Mich.
1535	3	Gunderson, Gustav	1049 Ins. Ex. Bldg, care W. E. Holmes,	Chicago, Ill.
1596	4	Gustafson, Peter	2237 Carnegie Ave.,	Cleveland, O.
1786	7	Hackett, Thos. H.	477 4th Ave.,	Detroit, Mich.
786	8	Hagan, Wm.	.....	Marine City, Mich.
1204	4	Hahn, Chas. P.	Box 46,	Vermilion, O.
2087	6	Hainer, Frank S.	643 National Ave.,	Milwaukee, Wis.
170	1	Hall, Jno. B.	133 Lafayette	Buffalo, N. Y.
1153	3	Hamilton, W. D.	2431 S. Lincoln St.,	Chicago, Ill.
2110	14	Hamilton, Wm. L.	S. 2nd St.,	St. Clair, Mich.
1197	4	Hand, A. S.	533 Harbor St.,	Conneaut, O.
1754	1	Hanley, C. C.	371 Falconer St.,	N. Tonawanda, N. Y.
1140	1	Hansen, A. C.	2528 Main St.,	Buffalo, N. Y.
2004	3	Hansen, Hans.	3216 N. Richmond St.,	Chicago, Ill.
2085	12	Hansen, Hans C.	3819 West 4th St.,	Duluth, Minn.
1612	7	Hansen, J. T.	1900 Scotten Ave.,	Detroit, Mich.
1140	3	Hanson, Andrew	3252 Pierce Ave.,	Chicago, Ill.
.304	9	Harlow, F. T.	1577 W. 29th St.,	Cleveland, O.
553	9	Harlow, W. J.	416 Adams St.,	Toledo, O.
641	2	Harper, Geo.	1509 Marquette Ave.,	W. Bay City, Mich.
2348	1	Harrison, Wood	49 Spruce St.,	Buffalo, N. Y.
388	2	Harrow, W. B.	842 14th Ave.,	Detroit, Mich.
155	7	Hart, Fred C.	257 Forest Ave., West,	Detroit, Mich.
2105	14	Hartman, Augustus	508 Trumbull St.,	St. Clair, Mich.
1187	1	Hartman, Jno. J.	45 California St.,	Buffalo, N. Y.
506	4	Hawgood, A. H.	220 Perry-Payne Bldg.,	Cleveland, O.
1159	1	Hayes, W. J.	235 Froad St.,	Tonawanda, N. Y.
1884	6	Hays, Jno. C.	819 17th St.,	Erie, Pa.
1924	14	Hayward, E. H.	R. F. D. 2,	St. Clair, Mich.
1834	2	Hayward, Geo.	97 Walnut St.,	Ashtabula, O.
2242	1	Healy, James J.	2203 Seneca St.,	Buffalo, N. Y.
1811	1	Heaney, Jno. C.	47 Barry Pl.,	Buffalo, N. Y.
1106	4	Heaton, C. H.	11020 Detroit Ave., Suite 34,	Cleveland, O.
2252	12	Hector, Fred	1017 East 3rd St.,	Duluth, Minn.
1728	1	Hefferman, Jas.	68 Seymour St.,	Tonawanda, N. Y.
1760	1	Hefferman, T. N.	39 Grove St.,	Tonawanda, N. Y.
1773	11	Hemenger, F. R.	.....	Algonac, Mich.

NAMES AND ADDRESSES.

Pennant	Lodge	Name	Address	City
1502	2	Hendricks, Edw.	1215 Griswold St.,	Pt. Huron, Mich.
1527	6	Hendrickson, Otto	Milwaukee Tug Boat Office,	Milwaukee, Wis.
2140	8	Henry, A. W.	Box 42,	Marine City, Mich.
1963	1	Heppner, Phillip	376 Adams St.,	Tonawanda, N. Y.
1029	1	Herbert, Fred	care Lighthouse Inspector,	Buffalo, N. Y.
1497	1	Herbert, J. G.	Care John Perew, 686 Prospect Ave.,	Buffalo, N. Y.
1136	4	Hergenrother, J.	3266 W. 82nd St.,	Cleveland, O.
826	9	Herrick, T. C.	3368 Cherry St.,	Toledo, O.
1721	8	Hetherington, N. M.	Box 399,	Marine City, Mich.
1359	3	Higgie, J. F.	136 S. Waller Ave.,	Austin, Ill.
362	3	Higgins, Thos. J.	302 Lockwood Ave.,	Austin Sta., Chicago, Ill.
1421	8	Hill, Fred C.	.....	Marine City, Mich.
2318	17	Hill, Ira D.	Mary St.,	Midland, Ont.
391	4	Hinslea, C. H.	2836 Franklin Ave.,	The Guernsey, Cleveland, O.
1184	4	Hinslea, Henry	1522 Robinwood Ave.,	Lakewood, O.
1004	4	Hoag, W. S.	1940 W. 74th St.,	Cleveland, O.
1881	7	Hoffman, Frank	218 Vinewood Ave.,	Detroit, Mich.
22	1	Hogg, G. L.	4169 S. Halstead St.,	Chicago, Ill.
2206	15	Hogue, Archie	R. R. No. 7,	Owen Sound, Ont.
666	7	Holbrook, T. H.	291 Whitney Ave.,	Detroit, Mich.
1553	4	Holdridge, Geo.	R. F. D. No. 3,	Geneva, O.
1820	14	Hollingshead, J. R.	R. R. 1, Box 73,	Kerman, Cal.
1946	9	Holman, Henry	2112 Chase St.,	Toledo, O.
1756	1	Holmberg, Henry	217 Auburn Ave.,	Buffalo, N. Y.
1887	4	Holmes, A. W.	care Pickands, Mather & Co.,	Cleveland, O.
269	4	Holmes, J. A.	307 Superior Ave.,	Cleveland, O.
2184	6	Holt, Carl A.	.....	Sturgeon Bay, Wis.
1602	7	Holt, Jas. G.	205 Old Custom House,	Detroit, Mich.
1832	7	Honner, G. W.	481 McGraw Ave.,	Detroit, Mich.
160	4	Hoover, N. E.	9715 Madison Ave. N. W.,	Cleveland, O.
1707	7	Hormig, W. F.	71 Cottage Grove Ave.,	Highland Park, Mich.
1547	7	Hosner, V. L.	43 Hubbard St.,	Ashtabula, O.
1018	3	Howard, Martin	4754 Union Ave.,	Chicago, Ill.
1091	1	Howe, A. B.	226 Gettysburg Ave.,	R. R. 15, Dayton, O.
1878	6	Hoxie, A. K.	511 N. Charles St.,	Ludington, Mich.
2041	12	Hoy, W. E.	212 W. Superior St.,	Duluth, Minn.
572	3	Hubbard, C. H.	Light House Inspector, 504 Federal Bldg.,	Milwaukee, Wis.
2320	17	Hudson, Arthur A.	Box 297,	Midland, Ont.

NAMES AND ADDRESSES.

Pen- nant	Lodge	Name	Address	City
2321	17	Hudson, J. H.	Box 335,	Midland, Ont.
1555	2	Hughes, H. S.	1129 Gillett Ave.,	Pt. Huron, Mich.
2116	4	Hughes, Joseph	727 East 120th St.,	Cleveland, O.
264	4	Humphrey, W. H.	558 E. 102nd St.,	Cleveland, O.
1017	4	Hunt, W. J.	1528 Landerdale Ave.,	Lakewood, O.
1851	7	Huntoon, Fred A.	648 Clinton Ave.,	Detroit, Mich.
893	7	Hursley, J.	126 Park Pl.,	Sault Ste. Marie, Mich.
987	7	Hutchins, F. C.	.....	S. Rockwood, Mich.
2082	1	Hutchins, H. J.	93 Elf St.,	Buffalo, N. Y.
528	7	Hutton, Jno. T.	561 14th Ave.,	Detroit, Mich.
1443	7	Iler, W. C.	212 24th St.,	Detroit, Mich.
1035	4	Ingraham, F. E.	221 S. 5th St.,	Alhambra, Cal.
1847	8	Ingram, J. H.	Bruce St.,	Marine City, Mich.
602	7	Innes, J. R.	Care F. H. Cooper,	Walkerville, Ont.
15	7	Ivers, J. H.	81 Forest Ave.,	Detroit, Mich.
1479	11	Jackson, R. C.	Box 135,	Algonac, Mich.
1208	3	Jacobson, J. E.	4706 Grand Ave., W.,	Duluth, Minn.
1909	3	Jaenke, Herman	10436 Avenue M.,	Chicago, Ill.
1852	7	Jagenow, Wm.	922 Mt. Elliott Ave.,	Detroit, Mich.
2241	2	Jamieson, A. W.	1115 Elmwood St.,	Port Huron, Mich.
481	6	Jamieson, Wm.	357 3rd Ave.,	Milwaukee, Wis.
2014	1	Jansen, J. C.	25 Mesmer Ave.,	Buffalo, N. Y.
359	3	Jenks, Jno.	5735 Normal Blvd.,	Chicago, Ill.
1906	6	Jenkyn, Alex.	176 Bridge St.,	Ashtabula, O.
1450	3	Jennings, J. P.	619 Central Ave.,	Holland, Mich.
2149	14	Jerome, Willis R.	230 9th St.,	St. Clair, Mich.
2317	17	Jewell, W. J.	Dominion St.,	Midland, Ont.
1131	9	Jex, H. N.	1749 Summit St.,	Toledo, O.
2287	12	Johns, J. F.	4105 Regent St.,	Duluth, Minn.
1081	7	Johnson, Alex.	1009 9th St.,	Bay City, Mich.
1976	1	Johnson, Alfred	60 Charlotte Ave.,	Buffalo, N. Y.
1603	3	Johnson, Carl	3417 Palmer Ave.,	Chicago, Ill.
2061	3	Johnson, Geo. E.	512 5th Ave.,	Traverse City, Mich.
2044	12	Johnson, Henry	470 W. 7th St.,	Superior, Wis.
394	1	Johnson, Jno.	Frontier Engine Works, St.,	Foot Illinois Buffalo, N. Y.
1394	4	Johnson, Martin	10122 Olivet Ave. N. E.,	Cleveland, O.
1604	3	Johnson, Martin	3435 McLean Ave.,	Chicago, Ill.
2212	6	Johnson, Oscar	614 Cushman St.,	Marinette, Wis.
2291	4	Johnson, Roy E.	765 Central Ave., S. 4.,	Cleveland, O.
1481	11	Johnson, Wm. H.	666 Pennsylvania Ave.,	Detroit, Mich.
1014	2	Johnston, Edw.	Box 164,	Geneva, O.
1793	2	Johnston, Jas.	10604 Cedar Ave.,	Cleveland, O.
1330	4	Johnston, J. M.	1379 Bonny View Ave.,	Lakewood, O.

NAMES AND ADDRESSES.

Pennant	Lodge	Name	Address	City
1767	2	Johnston, Martin	2120 8th St.,	Pt. Huron, Mich.
1020	4	Jollie, Richard	.....	Jefferson, O.
2024	12	Jones, A. M.	329 4th Ave. W.,	Duluth, Minn.
1988	7	Jones, C. A.	205 John R. St.,	Detroit, Mich.
1451	3	Jones, Harry	122 Woodside Ave.,	Buffalo, N. Y.
1115	4	Jones, Jno. F.	6212 Clinton Ave.,	Cleveland, O.
1532	6	Jones, Warren	Milwaukee Tug Line,	Milwaukee, Wis.
1798	7	Judson, H. W.	239 Rosedale Ct.,	Detroit, Mich.
865	7	July, Edw. F.	1515 Rosemont Ave.,	Chicago, Ill.
2247	4	Kane, R. L.	1372 East 115th St.,	Cleveland, O.
1831	7	Kariger, Fred	Light House Tender	Tulip, Thompkinsville, N. Y.
1690	6	Kearns, Chas. J.	791 33rd St.,	Milwaukee, Wis.
1122	7	Kearns, Joseph	139 Oak St.,	Wyandotte, Mich.
1442	4	Keller, A. B.	13935 Euclid Ave.,	East Cleveland, O.
1578	1	Kelley, A.	51 Kenefick Ave.,	Buffalo, N. Y.
1237	4	Kelley, H. T.	1068 East 99th St.,	Cleveland, O.
1240	2	Kelley, Jas. W.	2021 7th St.,	Pt. Huron, Mich.
1772	11	Kendall, Douglas	.....	Algonac, Mich.
1606	8	Kendall, Geo. B.	.....	Algonac, Mich.
89	2	Kendall, H. J.	Box 32,	Marysville, Mich.
1625	7	Kennedy, Jas.	703 Whitney Bldg.,	Detroit, Mich.
1776	11	Kenworthy, Samuel	Box 212,	Algonac, Mich.
1915	14	Kenyon, Wm. S.	R. F. D. 4.	St. Clair, Mich.
1650	1	Kerr, Harry	117 S. Davidson St.,	Buffalo, N. Y.
1863	10	Kiah, Jr., David	94 Green St.,	Ogdensburg, N. Y.
2255	6	Kiel, W. T.	care Loper & Loper,	Oshkosh, Wis.
1746	10	Kinch, Geo. H.	85 New York Ave.,	Ogdensburg, N. Y.
1229	8	Kinyon, S. D.	.....	Marine City, Mich.
1266	9	Kirker, Fred	9424 Budlong Ave.,	Los Angeles, Cal.
1785	7	Klinger, Geo. M.	1079 Van Dyke Ave.,	Detroit, Mich.
1388	1	Klock, E. M.	.....	Three Mile Bay, N. Y.
1661	2	Knapp, R. H.	2313 Elk St.,	Pt. Huron, Mich.
1687	1	Koch, Robt.	348 E. North St.,	Buffalo, N. Y.
545	3	Kohnert, E. G.	539 West 31st St.,	Chicago, Ill.
1437	3	Kohnert, J. E.	539 West 31st St.,	Chicago, Ill.
1998	2	Krenkel, Chas.	2035 8th St.,	Pt. Huron, Mich.
2226	6	Kruwell, E. H.	98 Ferry St.,	Milwaukee, Wis.
1243	8	Kuhn, John	Pearl & Main St.	Marine City, Mich.
2091	8	Laffrey, Delos	.....	Marine City, Mich.
1879	6	LaFleur, W. H.	302 N. Robert St.,	Ludington, Mich.
557	2	Laframboise, Jas.	.....	Amherstburg, Ont.
1010	4	Laframboise, J.	1195 Hall Ave.,	Lakewood, O.
2352	10	Lago, Thomas	155 Green St.,	Ogdensburg, N. Y.
2322	17	Laking, Albert E.	4th St.,	Midland, Ont.

NAMES AND ADDRESSES.

Pen- nant Lodge	Name	Address	City
810 4	Lalonde, Anthony	1766 Fulton Rd.,	Cleveland, O.
2136 9	Lamb, Harry	1315 Mason St.,	Toledo, O.
1381 3	Lamoreaux, Jos.	6724 Champlain Ave.,	Chicago, Ill.
960 4	Lampoh, Jos.	14304 Detroit Ave.,	Lakewood, O.
1295 4	Landfair, B.	1376 West 74th Pl.,	Cleveland, O.
2155 3	Lancto, J. H.	528 Federal Bldg.,	Chicago, Ill.
1617 3	Lang, Julius	2229 Eastwood Ave.,	Chicago, Ill.
2000 8	Langell, L. P.	Cor. Pearl & Elizabeth Sts.,	Marine City, Mich.
2213 8	Langell, Thomas	R. F. D. No. 1,	Marine City, Mich.
2301 17	Larosee, Hector	115 A. Ethel St.,	Verdon, Que.
2211 6	Larsen, James L.	215 Hosmer St.,	Marinette, Wis.
2111 1	Larson, John A.	83 East Seneca St.,	Buffalo, N. Y.
1765 6	Larson, N. L.	552 29th Ave.,	Milwaukee, Wis.
1206 6	Larson, P.	2750 Fullerton Ave.,	Chicago, Ill.
2146 7	Laughlin, Geo. F.	1557 W. Grand Blvd.,	Detroit, Mich.
2012 1	Lavell, Nels	8 Harriet St.,	Tonawanda, N. Y.
1967 8	Lavelly, C. J.	.....	Marine City, Mich.
2311 17	Lavigne, Wm. A.	Manley St.,	Midland, Ont.
2299 14	Lawrence, Earl J.	.....	East China, Mich.
1352 4	Leckie, Fred	1020 Rockefeller Bldg.,	Cleveland, O.
1678 6	Lee, I. M.	303 Vista Pl.,	Los Angeles, Cal.
2323 17	Legree, Joseph	Manley St.,	Midland, Ont.
498 6	Leisk, Jno.	730 Wilson St.,	Milwaukee, Wis.
500 6	Leisk, Henry	Box 412,	Wauwatosa, Wis.
2260 6	Leisk, Henry A.	699½ Cramer St.,	Milwaukee, Wis.
1285 3	Leith, Alex.	2100 N. Albany Ave.,	Chicago, Ill.
1996 3	Leith, W. R.	2100 N. Albany Ave.,	Chicago, Ill.
751 7	Lennon, Wm.	197 W. Seneca St.,	Oswego, N. Y.
1688 7	Leonard, R. M.	.....	New Baltimore, Mich.
1734 10	Leonard, M. A.	416 Ford St.,	Ogdensburg, N. Y.
2342 4	LeRoy, Thomas G.	8811 Detroit Ave.,	Cleveland, O.
2300 4	Levis, George	1329 West 87th St.,	Cleveland, O.
2181 12	Lewis, Frank	.....	Dundee, Mich.
1424 4	Light, F. W.	.....	Perry, O.
1901 7	Lightbody, J.	164 Holbrook Ave.,	Detroit, Mich.
2005 3	Lindale, T. T.	1109 W. Huron St.,	Chicago, Ill.
2183 14	Linton, Walter E.	.....	Mooretown, Ont.
119 2	Little, John W.	R. F. D. 2, S	Pt. Huron, Mich.
1774 11	Little, Nelson T.	.....	Algonac, Mich.
2195 7	Littlejohn, Wm.	503 Chippewa Ave.,	Detroit, Mich.
750 7	Livingstone, W. Jr.	2217 Dime Savings Bank Bldg.,	Detroit, Mich.
2038 12	Lloyd, W. S.	1001 Torrey Bldg.,	Duluth, Minn.

NAMES AND ADDRESSES.

Pen- nant	Lodge	Name	Address	City
2236	8	Lockhart, Asa	Woodruff Ave.,	Marine City, Mich.
1079	9	Lockhart, D. O.	213 Madison St.,	Sandusky, O.
283	3	Loftus, H. F.	Geneva Sand & Gravel Co.,	Walworth, Wis.
1789	4	Logan, J. A.	4008 Archwood Ave.,	Cleveland, O.
603	7	Lohr, Edw.	144 Jay St.,	Detroit, Mich.
1559	9	Lohr, J. M.	.....	Marine City, Mich.
1868	1	Longley, G. R.	1947 Whitney Ave.,	Niagara Falls, N. Y.
2243	2	Lott, E. O.	148 Forsyth St.,	Sarnia, Ont.
1800	10	Loveless, Fred	110 Washington St.,	Ogdensburg, N. Y.
182	4	Lowe, J.	1426 Mars Ave.,	Lakewood, O.
164	4	Lowe, J. B.	1783 W. 48th St.,	Cleveland, O.
1835	14	Lowes, Jos. H.	210 Adams St.,	St. Clair, Mich.
1809	1	Lucas, W. J.	50 Greenwood Pl.,	Buffalo, N. Y.
1644	7	Ludington, Lewis	212 Forest Ave.,	Detroit, Mich.
1259	9	Lynn, D. R.	527 White St. E.,	Toledo, O.
2173	12	Lyons, G. A.	Great Lakes Towing Co.,	Sault Ste. Marie, Mich.
1823	4	Lyons, H. S.	.....	Madison, O.
1487	9	Lyons, J. B.	1334 6th St.,	Lorain, O.
197	4	Lyons, R. J.	313 W. Erie St.,	Lorain, O.
1490	11	Lyons, S. A.	917 E. Ann St.,	Ann Arbor, Mich.
192	2	McAllister, Jas.	229 S. Syndicate Ave.,	Ft. William, Ont.
1224	4	McAlpine, Hugh	1794 W. 47th St.,	Cleveland, O.
972	7	McAlpine, Jno.	142 14th Ave.,	Detroit, Mich.
78	2	McArthur, Jno.	Box 109,	Sacramento, Cal.
875	7	McCallum, H. C.	2022 Military St.,	Port Huron, Mich.
300	3	McCambridge, T.	306 2nd St.,	Grand Haven, Mich.
1199	8	McCann, S. B.	.....	Marine City, Mich.
2201	15	McCannel, James	.....	Port McNicoll, Ont.
1112	7	McCarthy, D.	45 Dunster Road,	Jamaica Plains, Mass.
1631	7	McCarthy, Jno.	Box 11,	Sandwich, Ont.
1833	6	McCauley, Chas.	408 Norris St.,	Escanaba, Mich.
1682	3	McCauley, Cor'lius	902 Franklin St.,	Manitowoc, Wis.
2283	6	McCauley, John P.	Lorain Tug Office,	Lorain, O.
2121	3	McClintock, John	7710 Ada St.,	Chicago, Ill.
1810	1	McClinton, W. D.	346 14th St.,	Buffalo, N. Y.
2129	1	McCorkell, Wm. H.	2545 Main St.,	Buffalo, N. Y.
513	6	McCoy, Jno.	667 Mineral St.,	Milwaukee, Wis.
2237	15	McCoy, Norman J.	1324 4th Ave. W.,	Owen Sound, Ont.
2361	16	McDonald, Angus	Goderich St.,	Fort William, Ont.
2197	7	McDonald, Fred	297 4th Ave.,	Detroit, Mich.
1616	8	McDonald, G. W.	William St.,	Marine City, Mich.
1652	1	McDonald, Jno. A.	253 Herkimer St.,	Buffalo, N. Y.

NAMES AND ADDRESSES.

Pennant	Lodge	Name	Address	City
1725	7	McDonald, Jno. A.	175½ Bruce Ave.,	Windsor, Ont.
1160	8	McDonald, J. H.	Box 771,	Marine City, Mich.
1799	10	McDonald, Jno.	96 Green St.,	Ogdensburg, N. Y.
2161	4	McDonald, John J.	2556 E. 81st St.,	Cleveland, O.
542	3	McDonald, Geo.	4857 No. Winchester Ave.,	Chicago, Ill.
1999	2	McDonald, J. E.	713 Willow St.,	Pt. Huron, Mich.
1462	4	McDonald, W.	3826 John Ave.,	Cleveland, O.
2046	12	McDougall, Thos.	No. 6 Kimball Apts.,	Duluth, Minn.
2145	7	McDougall, Wm. L.	263 Meadowbrook St.,	Detroit, Mich.
315	1	McEachern, A.	553 West Ave.,	Buffalo, N. Y.
1549	4	McEwen, H. W.	1506 W. 28th St.,	Cleveland, O.
2016	1	McFadden, W. L.	306 Purdy St.,	Buffalo, N. Y.
1530	3	McGannon, W. P.	465 W. 28th St.,	Chicago, Ill.
2244	3	McGarrity, D. J.	7348 Gillett St.,	Port Huron, Mich.
1557	4	McGarry, Geo.	1378 W. 64th St.,	Cleveland, O.
1067	4	McGarry, Jno.	1380 West 59th St.,	Cleveland, O.
712	6	McGinn, Jas.	care Jos. McGinn, Smith & McGinn, Iron Block,	Milwaukee, Wis.
2228	4	McGinnis, Geo. W.	1902 Capitol Ave.,	Indianapolis, Ind.
2355	16	McGinnis, John J.	St. Louis Hotel,	Fort William, Ont.
1937	7	McGowen, Hugh	70 Trumbull Ave.,	Detroit, Mich.
1315	12	McGregor, Wilson	713 H. Ave.,	Superior, Wis.
515	6	McGregor, W. F.	315 Commonwealth Ave.,	Detroit, Mich.
2223	3	McGuigan, W.	307 Sycamore St.,	Manistee, Mich.
1052	7	McGuire, N.	810 Milwaukee Ave.,	Detroit, Mich.
2209	15	McIntire, A. B.	581 West 13th St.,	Owen Sound, Ont.
1065	7	McIntosh, J. L.	508 Bagg St.,	Detroit, Mich.
767	7	McIntosh, M. G.	100 Ferry Ave.,	Detroit, Mich.
2312	17	McIntosh, John A.	Dominion St.,	Midland, Ont.
941	3	McIntyre, Allen	care M. F. Morgan, 411 Northwestern Bldg.,	Chicago, Ill.
2205	15	McIntyre, R.	657 13th St., W.,	Owen Sound, Ont.
1873	6	McIsaac, Neil	410 E. Filer St.,	Ludington, Mich.
2286	16	McIver, Geo.	178 Cumberland St.,	Port Arthur, Ont.
2358	16	McIver, John	New Ontario Hotel,	Port Arthur, Ont.
2204	15	McKay, Angus	447 14th St. W.,	Owen Sound, Ont.
753	7	McKay, Alex. J.	232 Gladstone Ave.,	Detroit, Mich.
1854	7	McKay, Daniel	234 Jefferson Ave.,	Detroit, Mich.
288	4	McKay, G. P.	17880 Lake Rd.,	Lakewood, O.
2203	15	McKay, M.	492 13th St. W.,	Owen Sound, Ont.
2200	15	McKay, Norman	447 14th St. W.,	Owen Sound, Ont.
1453	3	McKay, W. J.	1165 Mack Ave.,	Detroit, Mich.
1857	3	McKenzie, Kenneth	.....	Tiverton, Ont.
856	9	McKinley, Jas.	1717 Ontario St.,	Toledo, O.

NAMES AND ADDRESSES.

Pen- nant Lodge	Name	Address	City
1028 7	McLachlan, Arch.	56 11th St.,	Detroit, Mich.
2199 7	McLachlan, Donald	Belle Isle Casino,	Detroit, Mich.
2096 4	McLachlan, Wm. H.	.....	Wyoming, Ont.
1757 1	McLaren, B. C.	50 Greenwood Pl.,	Buffalo, N. Y.
755 7	McLarty, Jas.	417 Avery Ave.,	Detroit, Mich.
1504 2	McLean, J. C.	1109 St. Clair St.,	Pt. Huron, Mich.
910 7	McLean, Wm.	1437 Westwood Ave.,	Lakewood, O.
1814 1	McLeod, Dugald	442 Auburn Ave.,	Buffalo, N. Y.
1866 4	McLeod, D. W.	3808 Clinton Ave.,	Cleveland, O.
2278 16	McLeod, N. J.	93 Ontario St.,	Port Arthur, Ont.
2259 2	McMartin, Frank	1123 Gillett St.,	Port Huron, Mich.
1761 1	McMaugh, A. A.	130 Riverside Ave.,	Buffalo, N. Y.
771 1	McMillan, Chas.	195 So. Elmwood Ave.,	Buffalo, N. Y.
2142 4	McNaughton, Roy	242 Arlington St.,	Sault Ste. Marie, Mich.
1990 8	McNeill, W. H.	R. F. D. 2,	Marine City, Mich.
2296 1	McPherson, A. J.	485 7th St.,	Buffalo, N. Y.
1619 3	McQueen, W. S.	.....	Prescott, Ont.
1561 6	McShane, D. W.	.....	New Auburn, Wis.
507 6	McSweeney, Jno.	459 Maryland Ave.,	Milwaukee, Wis.
1899 7	MacAulay, Geo.	Box 296,	Walkerville, Ont.
2340 7	MacDonald, Alex.	263 Meadowbrook Ave.,	Detroit, Mich.
1161 7	MacDonald, N.	277 Linwood Ave.,	Detroit, Mich.
1763 6	Mackey, Melvin	402 Edgewood Ave.,	Milwaukee, Wis.
1415 4	MacLachlan, A. H.	1861 W 47th St.,	Cleveland, O.
543 3	MacLean, D.	R. F. D. 1, Box 79,	Michigan City, Ind.
1433 7	MacLean, W. J.	621 Wabash Ave.,	Detroit, Mich.
2309 17	MacLennan, Alex.	King St.,	Midland, Ont.
2174 12	McLeod, Andrew	1016 Cherry St.,	Erie, Pa.
1801 3	MacMillan, John	528 Federal Bldg.,	Chicago, Ill.
2332 4	MacQuarrie, Don- ald	1759 West 25th St.,	Cleveland, O.
2167 3	Madden, John H.	care Prindiville & Co., Bldg.,	Insurance Ex. Chicago, Ill.
113 2	Madden, M. J.	1003 Kearney St.,	Pt. Huron, Mich.
2308 17	Madden, W. J.	Church St.,	Penetanguishene, Ont.
1194 7	Maddock, J. B.	378 Commonwealth Ave.,	Detroit, Mich.
1204 7	Maddock, J. C.	378 Commonwealth Ave.,	Detroit, Mich.
891 1	Madigan, Jos. A.	c/o Brown & Co.,	Buffalo, N. Y.
1073 7	Mahon, A. J.	443 Military Ave.,	Detroit, Mich.
1660 7	Mahon, J. E.	72 Main St.,	Buffalo, N. Y.
1615 7	Mahon, M. H.	58 Main St.,	Buffalo, N. Y.
1351 4	Mahon, W. M.	Eveleth Hotel,	Eveleth, Minn.
576 2	Maitland, Henry	1026 Wall St.,	Pt. Huron, Mich.
1449 6	Maitre, Frank	935 Newhall St.,	Milwaukee, Wis.

NAMES AND ADDRESSES.

Pen- nant	Lodge	Name	Address	City
1082	7	Mallette, P. A.	369 Hendricks St.,	Detroit, Mich.
266	4	Mallory, D. H.	Nat'l Bank of Elyria,	Elyria, O.
176	4	Mallory, G. B.	Pickands, Mather & Co.,	Cleveland, O.
1926	1	Mallory, R. A.	527 Fargo Ave.,	Buffalo, N. Y.
1594	12	Maloney, Forest	Hotel Cody,	West Duluth, Minn.
1973	4	Malott, J. W.	Box 25,	Ruthven, Ont.
1748	10	Maltby, Wm. G.	Hotel Northern,	Manistee, Mich.
365	3	Mansfield, I. B.	529 Federal Bldg.,	Chicago, Ill.
994	2	Manuel, F. W.	2707 Military St.,	Pt. Huron, Mich.
732	7	Mara, Jas.	465 Military Ave.,	Detroit, Mich.
2359	16	Marcellus, W. C.	118 Peter St.,	Port Arthur, Ont.
2225	8	Marcero, A. W.	137 Backus Ave.,	Marine City, Mich.
1791	8	Marcero, Chas.	.....	Marine City, Mich.
2267	16	Marin, O. P.	312 Van Norman St.,	Port Arthur, Ont.
1402	8	Markle, S. J.	4 Westminster Ave.,	Detroit, Mich.
1941	6	Marsh, S. O.	.....	Perrysburg, Wood Co., O.
1047	1	Martin, Edw.	308 Purdy St.,	Buffalo, N. Y.
1704	4	Mason, Chas. D.	1113 Rockefeller Bldg.,	Cleveland, O.
1790	1	Massey, Chester	69 Normandy Blk.,	Superior, Wis.
749	3	Massey, J.	69 Normandy Blk.,	Superior, Wis.
1685	4	Massey, S. B.	1501 Clarence Ave.,	Lakewood, O.
2099	3	Matson, Sigfred W.	1247 Monticello Ave.,	Chicago, Ill.
1226	8	Mattison, E. F.	696 Sheridan Ave.,	Detroit, Mich.
2113	12	Maxim, Irvin P.	310 East 6th St.,	Ashland, Wis.
477	6	Maxon, F. C.	83 31st St.,	Milwaukee, Wis.
1276	8	Maxwell, Wm.	.....	Marine City, Mich.
191	2	May, A. C.	1912 7th St.,	Pt. Huron, Mich.
1123	7	Maynes, Daniel	415 Artillery Ave.,	Detroit, Mich.
1580	4	Meeker, S. E.	1454 Orchard Grove Ave.,	Lakewood, O.
988	4	Megervey, Wm.	1424 W. 75th St.,	Cleveland, O.
613	9	Meikleham, Thos.	641 Fernwood Ave.,	Toledo, O.
2124	6	Mellan, Gunerius	406 Scott St.,	Milwaukee, Wis.
1919	14	Meno, F. L.	402 Thornapple St.,	St. Clair, Mich.
1582	7	Merckel, C. G.	122 Stanton Ave.,	Detroit, Mich.
1698	3	Meyer, Gust	3826 N. Whipple St.,	Chicago, Ill.
1978	9	Millard, R. B.	Great Lakes Towing Co.,	Toledo, O.
1836	2	Millard, W. L.	502 16th St.,	Pt. Huron, Mich.
1175	7	Millen, P. L.	.....	Romeo, Mich.
671	7	Millen, Wm. F.	.....	Romeo, Mich.
675	4	Miller, C. D.	213 Lincoln Ave.,	N. Tonawanda, N. Y.
1695	1	Miller, Chas. F.	Dunham Towing & Wrecking Co.,	South Chicago, Ill.
2112	6	Miller, Christian	396½ Hanover St.,	Milwaukee, Wis.
2250	12	Miller, Eina	.....	Bayfield, Wis.
1587	4	Milliken, Wm.	1956 W. 47th St.,	Cleveland, O.

NAMES AND ADDRESSES.

Pen- nant	Lodge	Name	Address	City
1562	1	Milne, J.	234 Grant St.,	Buffalo, N. Y.
450	3	Minsky, J. P.	2464 Orchard St.,	Chicago, Ill.
1170	3	Minter, Thos. B.	1234 Otis St.,	Chicago, Ill.
2330	15	Misner, Robert S.	232 Brown St.,	Steelton, Ont.
798	4	Mitchell, Alfred	1504 Rockefeller Bldg.,	Cleveland, O.
1781	11	Mitchell, Alvin	.....	Algonac, Mich.
1904	8	Mitchell, D. R.	Box 629,	Marine City, Mich.
302	4	Mitchell, Jno.	908 Rockefeller Bldg.,	Cleveland, O.
2198	4	Moes, W. H.	3828 Leading Ave.,	Cleveland, O.
2168	2	Montgomery, Geo. A.	1201 Howard St.,	Port Huron, Mich.
1817	1	Montgomery, J. A.	81 Greenfield St.,	Buffalo, N. Y.
1155	1	Montgomery, J. W.	79 Greenfield St.,	Buffalo, N. Y.
656	2	Montgomery, W. L.	.....	Blaine, Mich.
1032	6	Moody, Chas. E.	92 33rd St.,	Milwaukee, Wis.
959	4	Moody, W. H.	.....	Vermilion, O.
1675	4	Mooney, Wm.	4908 Franklin Ave.,	Cleveland, O.
412	3	Moore, C. K.	care C. Massey, 69 Normandy Blk.,	Superior, Wis.
1572	4	Moore, Frank	2139 West 103rd St.,	Cleveland, O.
1821	4	Moore, Geo. W.	1406 W. 54th St, The Courtland,	Cleveland, O.
254	3	Moore, H. R.	6919 Wayne Ave., Rogers Park,	Chicago, Ill.
992	3	Moore, J. F.	743 Oakley Blvd.,	Chicago, Ill.
1778	11	Moore, S. D.	.....	Algonac, Mich.
1622	4	Moore, S. S.	1611 12th St.,	Superior, Wis.
1702	4	Moore, Wm. E.	1848 W. 54th St.,	Cleveland, O.
355	4	Morgan, James W.	80 S. Broadway,	Geneva, O.
1724	3	Morgan, M. F.	2115 Summerdale Ave.,	Chicago, Ill.
1995	1	Morin, Thos. F.	314 Fargo Ave.,	Buffalo, N. Y.
2144	7	Morrison, Alvin A.	207 Western Reserve Bldg.,	Cleveland, O.
2268	16	Morrison, Angus	50 Jean St.,	Port Arthur, Ont.
2010	3	Morrison, Dougal	401 Rust St.,	Chicago, Ill.
2218	11	Morrison, E. K.	368 Fargo Ave.,	Buffalo, N. Y.
1694	7	Morrison, J. N.	32 Calvert Ave.,	Detroit, Mich.
2199	4	Morrison, Wm. F.	Lincoln Ave.,	Lakewood, O.
1964	14	Morse, A. R.	107 S. 9th St.,	St. Clair, Mich.
1713	4	Morton, Edw. R.	1671 E. 85th St.,	Cleveland, O.
822	2	Mosier, R. H.	624 S. Main St.,	Cheboygan, Mich.
339	4	Mulholland, M.	care M. A. Bradley, 706 Marion Blk.,	Cleveland, O.
1538	4	Murdock, Jno.	613 5th Ave., E.,	Ashland, Wis.
2294	1	Murphy, Charles	228 Georgia St.,	Buffalo, N. Y.

NAMES AND ADDRESSES

Pennant	Lodge	Name	Address	City
2306	17	Murphy, E. W.	Fay St.,	Penetanguishene, Ont.
108	1	Murphy, Henry	60 Verplank St.,	Buffalo, N. Y.
1736	10	Murphy, H. A.	119 Caroline St.,	Ogdensburg, N. Y.
2039	12	Murphy, Oswald	205 St. Clair St.,	Ashland, Wis.
129	1	Murphy, S. M.	care Julia Monroe,	Victoria Hotel, Port Huron, Mich.
2164	14	Mussman, Abram	907 South 7th St.,	St. Clair, Mich.
2284	2	Myers, Geo. F.	1910 2nd St.,	Bay City, Mich.
1962	1	Myers, R. D.	35 Delaware St.,	Tonawanda, N. Y.
2324	17	Napier, Joseph	Main St.,	Penetanguishene, Ont.
1109	2	Neal, Jas. S.	.....	Marine City, Mich.
1209	2	Neal, Wm. D.	Box 21,	Courtright, Ont.
1740	10	Nelson, A. C.	53 Rensselaer Ave.,	Ogdensburg, N. Y.
1737	10	Nelson, C. O.	53 Rensselaer Ave.,	Ogdensburg, N. Y.
2132	12	Nelson, F. E.	.....	Detour, Mich.
1804	4	Nelson, Olaf	3704 W. 36th St.,	Cleveland, O.
2092	4	Nelson, S.	care Hutchinson & Co.,	Leader News Bldg., Cleveland, O.
1829	7	Nesbitt, Wm. K.	1444 24th St.,	Detroit, Mich.
2351	12	Ness, Martin O.	3203 W. Vernon St.,	Duluth, Minn.
2134	4	Neville, R. J.	2080 West 89th St.,	Cleveland, O.
2326	17	Nicholls, Bruce A.	Ellen St.,	Midland, Ont.
464	7	Nicholson, D.	Foot Woodward Ave.,	D. & W. Ferry Co., Detroit, Mich.
1865	4	Noble, Jno.	1426 Northland Ave.,	Lakewood, O.
2208	15	Nolan, Dan	835 11th St.,	West Owen Sound, Ont.
1395	4	Nordahl, Arnold	2908 Carroll Ave.,	Cleveland, O.
2343	6	Nortemann, L. W.	1509 Michigan Ave.,	Manitowoc, Wis.
1623	7	Norvell, Walker	288 Pingree Ave.,	Detroit, Mich.
2272	16	Nuttall, Allen S.	181 Arthur St.,	Port Arthur, Ont.
2271	16	Nuttall, R. E.	212 St. James St.,	Port Arthur, Ont.
2270	16	Nuttall, Wm.	11 Nugent St.,	Port Arthur, Ont.
1818	6	Oakley, Jas.	425 N. 8th St.,	Manitowoc, Wis.
350	14	O'Conner, R. O.	525 N. Second St.,	St. Clair, Mich.
1169	1	O'Day, Simon	729 Prospect Ave.,	Buffalo, N. Y.
1888	7	Ogden, Benj. F.	817 Trumbull Ave.,	Detroit, Mich.
1753	1	O'Hagan, Hugh	220 Grove St.,	Tonawanda, N. Y.
1726	1	O'Hagan, Jno.	144 Grove St.,	Tonawanda, N. Y.
2350	1	Oliver, Percy	379 Elk St.,	Buffalo, N. Y.
1444	3	Olsen, Jno. K.	care Lighthouse Inspector,	Milwaukee, Wis.
358	4	Olsen, Olaf	1375 E. 95th St.,	Cleveland, O.
1720	4	Olsen, Oscar	1699 Lee Rd.,	Cleveland Hts., O.

NAMES AND ADDRESSES.

Pen- nant	Lodge	Name	Address	City
1148	6	Olsen, S.	care W. E. Holmes & Co., Jackson Blvd.,	175 N. Chicago, Ill.
1860	6	Olson, Sam	467 25th Ave.,	Milwaukee, Wis.
2256	7	Oman, Chas. H.	271 Young St.,	Tonawanda, N. Y.
	21	O'Neill, Patrick	93 Rhode Island St.,	Buffalo, N. Y.
1179	1	O'Neill, Patrick	60 Morgan St.,	Buffalo, N. Y.
2239	15	Ostrom, G. C.	616 7th St. A. East,	Owen Sound, Ont.
	97	Owen, J. Q.	Box 21,	Corunna, Ont.
1482	4	Packer, W. H.	443 W. 1st Ave.,	Columbus, O.
2053	6	Palm, Edw.	1240 Island Ave.,	Milwaukee, Wis.
1896	7	Palmer, A. J.	541 Townsend Ave.,	Detroit, Mich.
1981	3	Pardee, J. F.	256 W. 3rd St.,	Erie, Pa.
1233	7	Parsons, D. R.	1083 E. Grand Blvd.,	Detroit, Mich.
1182	7	Parsons, H. H.	76 Rosedale Ct.,	Detroit, Mich.
1201	7	Parsons, Jos.	Glandail Ave., Highland Park,	Detroit, Mich.
2279	7	Parsons, Jos. W.	57 Belmont Ave.,	Detroit, Mich.
1185	4	Parsson, F.	2065 W. 45th St.,	Cleveland, O.
2302	10	Patenaude, Armand	754 Papineau Ave.,	Montreal, Que.
1758	1	Patterson, R. C.	63 Baynes St.,	Buffalo, N. Y.
1269	3	Patterson, Wm.	10455 Ewing Ave.,	S. Chicago, Ill.
2088	7	Pauls, Frederick H.	315 Cherry St.,	Detroit, Mich.
2231	7	Pearse, Forrest F.	236 Horton Ave.,	Detroit, Mich.
1992	7	Pearson, J. A.	1052 Fischer St.,	Detroit, Mich.
1826	7	Pearson, Jno. J.	546 S. Atwater St., care Parker Bros. Coal Co.,	Detroit, Mich.
2333	15	Pearson, John P.	.....	Port McNicoll, Ont.
1792	7	Peltier, R. D.	R. F. D. 4,	Mt. Clemens, Mich.
1807	4	Perew, F. D.	River St.,	Willoughby, O.
	381	Perew, John	686 Prospect Ave.,	Buffalo, N. Y.
2165	11	Perkins, Horace L.	.....	Algonac, Mich.
2147	7	Perrault, Albert	58 Cicotte St.,	River Rouge, Mich.
1935	6	Peterson, Anthony	422 Seyburn Ave.,	Detroit, Mich.
1764	6	Peterson, F. J.	26 West 4th St.,	Oswego, N. Y.
	694	Peterson, C. A.	112 Reese St.,	Sandusky, O.
	624	Peterson, Henry	Beulah Ave.,	Pueblo, Colo.
2216	3	Peterson, Martin	1108 N. Mozart St.,	Chicago, Ill.
1392	1	Peterson, M. S.	94 Triangle St.,	Buffalo, N. Y.
1329	4	Peterson, Peter A.	10614 Garfield Ave.,	Cleveland, O.
1607	3	Peterson, T. J.	18 Lake St.,	Manistee, Mich.
2253	6	Petroskey, W. J.	1010 S. Main St.,	Manitowoc, Wis.
2188	1	Phillips, James J.	87 Kohler St.,	Tonawanda, N. Y.
1524	7	Pickell, E. S.	Str. City of Erie,	Cleveland, O.
1667	12	Pierce, W. L.	4021 W. 5th Ave.,	Duluth, Minn.

NAMES AND ADDRESSES.

Pen- nant	Lodge	Name	Address	City
2288	12	Pinney, Jesse	123 S. Michigan Ave.,	Duluth, Minn.
2133	8	Piotter, Chas. L.	226 2nd St.,	Marine City, Ind.
2232	4	Pitts, Oliver	16306 Detroit Ave.,	Lakewood, O.
1541	7	Pocock, H. A.	370 Baker St.,	Detroit, Mich.
2281	9	Pocock, Robert J.	3126 Glenwood Ave.,	Toledo, O.
1039	4	Post, Jos. W.	.....	Sandusky, O.
1858	3	Post, Samuel	1536 Congress St.,	Chicago, Ill.
1738	10	Powers, Jno.	.....	Canton, N. Y.
140	2	Powrie, P. F.	1131 Howard St.,	Pt. Huron, Mich.
2222	12	Pratt, Frank C.	.....	Ford City, Ont.
1344	6	Preston, J. R.	785 So. 12th St.,	Newark, N. J.
229	14	Pringle, Jno. C.	561 Riverside Ave.,	St. Clair, Mich.
1528	4	Pringle, Robt. C.	1516 Arthur Ave.,	Lakewood, O.
2138	4	Pringle, Walter R.	1516 Arthur Ave.,	Lakewood, O.
2202	15	Pyette, Robert F.	.....	Owen Sound, Ont.
1256	7	Quinlan, Wm.	744 14th Ave.,	Detroit, Mich.
558	4	Rae, Frank C.	Avon Park,	DeSoto Co., Fla.
177	4	Rae, F. H.	.....	Vermilion, O.
1284	7	Rains, E. T.	Buffalo Union Furnace Co.,	Buffalo, N. Y.
1043	3	Rand, L. A.	511 Park Ave.,	Williamette, Ill.
1522	4	Randall, A. E.	17 Pennsylvania Ave.,	Ashtabula, O.
1590	2	Randall, F.	1011 Lapeer Ave.,	Port Huron, Mich.
1805	4	Randolph, Geo.	2057 E. 88th St.,	Cleveland, O.
2289	12	Rankin, Arthur E.	1001 Torrey Bldg.,	Duluth, Minn.
1435	7	Ratray, C.	540 Holden Ave.,	Detroit, Mich.
2261	4	Ratray, E. Gordon	1078 Addison Rd.,	Cleveland, O.
1848	8	Recor, Edgar	315 Westminster St.,	Marine City, Mich.
1434	7	Recor, Geo. F.	665 Sheridan Ave.,	Detroit, Mich.
1842	8	Recor, Robt. J.	658 Baldwin Ave.,	Detroit, Mich.
1635	6	Redner, Elmer	3017 W. 67th St.,	Seattle, Wash.
1105	14	Reece, G. O.	1008 Clinton Ave.,	St. Clair, Mich.
1254	2	Reed, Wm. A.	183 Grandview Ave.,	Conneaut, O.
443	3	Regan, Jno.	848 E. 64th Pl.,	Chicago, Ill.
1307	4	Reid, F. H.	1698 W. 69th St.,	Cleveland, O.
1171	3	Reid, Jr., Robt.	1708 Melrose Ave.,	Chicago, Ill.
1711	4	Reid, Wm. C.	2049 W. 95th St.,	Cleveland, O.
2148	1	Reilly, George	192 Hughes St.,	Buffalo, N. Y.
2347	7	Reilly, Wm. S.	819½ Meldrum St.,	Detroit, Mich.
708	4	Rice, Frank	4208 John Ave. N. W.,	Cleveland, O.
782	8	Rice, Philip	Box 242,	Blenheim, Ont.
1936	6	Richardson, Frank	501 Ellen St.,	Milwaukee, Wis.
133	1	Richardson, H.	.....	East Aurora, N. Y.
2269	16	Richmond, U. G.	236 May St.,	Fort William, Ont.

NAMES AND ADDRESSES.

Pen- nant	Lodge	Name	Address	City
2009	3	Ringer, F. H.	Box 290, Cristobal,	Canal Zone, Panama.
2239	4	Rinn, Chas.	3803 Carnegie Ave.,	Cleveland, O.
1950	14	Rinn, J. B.	509 2nd St.,	St. Clair, Mich.
2006	1	Rinn, Wm.	1450 Cullom Ave.,	Chicago, Ill.
2258	3	Risto, E.	34 West 26th St.,	Holland, Mich.
1843	4	Ritchie, W. S.	Str. F. W. Hart,	Marine P. O., Detroit, Mich.
287	3	Roach, P. C.	842 Wells St., care	Scully Bros., Chicago, Ill.
279	1	Robarge, G. E.	242 Mineral St.,	Milwaukee, Wis.
902	3	Robertson, G.	515 LaFayette St.,	Grand Haven, Mich.
2303	10	Robineau, Alban	106 B Marquette St.,	Montreal, Que.
1283	4	Robinson, A. R.	1440 Woodward Ave.,	Lakewood, O.
2341	4	Robinson, Frank A.	2110 W. 93rd St.,	Cleveland, O.
1710	4	Robinson, J. W.	R. F. D. 1,	Sandusky, O.
1377	7	Robinson, Salem	662 Lathrop Ave.,	Detroit, Mich.
49	1	Robinson, Walter	326 15th St.,	Buffalo, N. Y.
2177	6	Roddy, Timothy	506 N. State St.,	Chicago, Ill.
2120	11	Roe, Stephen J.	.....	Algonac, Mich.
1755	1	Rolseng, Iver	13 Wadsworth Ct.,	Buffalo, N. Y.
56	3	Root, F. D.	.....	Sault Ste. Marie, Mich.
1947	9	Rose, Otto	935 Palmwood Ave.,	Toledo, O.
2065	6	Rosie, Wm.	619 Lafayette St.,	Grand Haven, Mich.
1103	6	Ross, C. D.	24 Lautz Pl.,	Buffalo, N. Y.
2230	4	Rourke, John	2076 W. 26th St.,	Cleveland, O.
821	1	Rowan, Murdock	695 Main St.,	Conneaut Harbor, O.
2143	10	Russell, Frank P.	17 New York Ave.,	Ogdensburg, N. Y.
1741	10	Russell, Henry	117 Morris St.,	Ogdensburg, N. Y.
2339	10	Russell, Wm. R.	83 Jersey Ave.,	Ogdensburg, N. Y.
2229	4	Rydholm, C. A.	920 Lee St.,	Marquette, Mich.
843	9	Sage, Geo. V.	655 S. Main St.,	Toledo, O.
1905	6	Sanders, H. L.	649 Frederick Ave.,	Milwaukee, Wis.
546	4	Sanders, Jos.	5208 Tillman Ave.,	Cleveland, O.
1088	4	Sanders, Thos. H.	1612 Rockefeller Bldg.,	Cleveland, O.
223	4	Saph, C. M.	715 North 8th St.,	Sheboygan, Wis.
1472	4	Saph, J. P.	128 A St.,	Lorain, O.
1897	7	Sauer, Geo.	34 Farrand Ave.,	Detroit, Mich.
1413	1	Saunders, Jas. M.	234 Berlin St.,	Buffalo, N. Y.
1732	2	Sawyer, E. S.	.....	Almont, Mich.
496	6	Schwerman, Fred	R. R. 3, Box 50,	Station D. Milwaukee, Wis.
1613	2	Scott, G. H.	940 Howard St.,	Port Huron, Mich.
2356	16	Scott, J. A.	.....	Victoria Harbor, Ont.
509	6	Scott, W. B.	488½ Walker St.,	Milwaukee, Wis.

NAMES AND ADDRESSES.

Pen- nant	Lodge	Name	Address	City
1313	1	Secord, C. D.	39 Howland Pl.,	Buffalo, N. Y.
2175	12	Seeley, H. D.	2023 Banks Ave.,	Superior, Wis.
2156	3	Seiderland, F. A.	374 River St.,	Chicago, Ill.
1959	1	Sexsmith, Samuel	11 Wadsworth Ave.,	Buffalo, N. Y.
1648	1	Shaw, Edw. L.	11 Wadsworth St.,	Buffalo, N. Y.
799	8	Shaw, Geo. A.	.....	Marine City, Mich.
55	10	Shay, W. S.	76 Patterson St.,	Ogdensburg, N. Y.
1638	3	Shea, Jos. A.	137 S. LaSalle St.,	Chicago, Ill.
566	1	Shepard, A. M.	Box 117,	Goderich, Ont.
54	4	Sherwood, D. N.	2105 Warren Rd.,	Lakewood, O.
2190	2	Sills, Arthur G.	1301 Myrtle St.,	Port Huron, Mich.
1784	3	Simmons, Jno.	307 East N. Water St.,	Chicago, Ill.
1550	4	Simmons, T. G.	15709 Lake Ave.,	Lakewood, O.
1466	7	Simpson, F. J.	911 Baldwin Ave.,	Detroit, Mich.
1362	3	Sinclair, C. H.	2037 Military St.,	Pt. Huron, Mich.
377	2	Sinclair, D. M.	2037 Military St.,	Pt. Huron, Mich.
1104	2	Sinclair, J. H.	Thomas Furniture Co.,	Pontiac, Mich.
632	7	Skiffington, J. A.	364 Seyburn Ave.,	Detroit, Mich.
850	4	Slackford, W. G.	309 Campbell St.,	Sandusky, O.
2027	12	Slater, F. R.	6209 Ogden Ave.,	Superior, Wis.
2137	9	Slavin, James F.	623 Humbolt St.,	Toledo, O.
2245	7	Sloan, Bernard	451 Franklin St.,	Detroit, Mich.
1952	14	Smith, Alex. C.	408 Jay St.,	St. Clair, Mich.
1111	6	Small, E. S.	2326 W. Superior St.,	Chicago, Ill.
1013	7	Smith, A. C.	R. F. D. 2,	Amherstburg, Ont.
2357	16	Smith, Edward R.	121 Archibald St.,	Fort William, Ont.
2086	7	Smith, Ira	890 Porter St.,	Detroit, Mich.
1745	10	Smith, Jno. J.	45 Hamilton St.,	Ogdensburg, N. Y.
1480	4	Smith, P. H.	Stop 7, Euclid Ave.,	Euclid, O.
1780	11	Smith, Sidney H.	.....	Algonac, Mich.
1921	7	Smith, Wm.	.....	Sans Souci, Mich.
1476	6	Sniffin, B. M.	503 N. 5th St.,	Manitowoc, Wis.
1249	6	Soleau, O. J.	Milwaukee Tug Boat Line,	Milwaukee, Wis.
2353	6	Solway, Severt A.	.....	Sturgeon Bay, Wis.
1912	2	Sparling, W. C.	.....	Smith's Creek, Mich.
231	4	Spear, E. P.	1629 E. 118th St.	Cleveland, O.
1246	9	Stalker, A. W.	565 Church St.,	E. Toledo, O.
348	9	Stalker, Duncan	522 Woodville St.,	E. Toledo, O.
2325	17	Stalker, Malcolm	Church St.,	Penetanguishene, Ont.
1692	4	Stanley, Edw.	4503 Clinton Ave.,	Cleveland, O.
479	6	Starke, Fred C.	700 35th St.,	Milwaukee, Wis.
2187	1	Starkey, Mark J.	255 Fletcher St.,	Tonawanda, N. Y.
921	4	Steible, Jno.	130 Second St.,	Sandusky, O.

NAMES AND ADDRESSES.

Pennant Lodge	Name	Address	City
1183 7	Stevens, E. P.	177 Jos. Campau Ave.,	Detroit, Mich.
1114 1	Stevenson, Geo. C.	1113 West Ave.,	Buffalo, N. Y.
418 1	Stevenson, Hugh	R 1—63—A,	Elma Center, N. Y.
1654 1	Stevenson, Thos.	74 Royal Ave.,	Buffalo, N. Y.
1677 2	Stevenson, Wm.	2121 7th St.,	Pt. Huron, Mich.
1412 1	Stevenson, W. H.	144 Riverside Ave.,	Buffalo, N. Y.
586 7	Stewart, A. E.	93 Garfield Ave.,	Detroit, Mich.
2070 11	Stewart, Harry W.	.....	Algonac, Mich.
486 6	Stewart, Jno.	Box 234	St. Joseph, Mich.
1770 11	Stewart, J. P.	.....	Algonac, Mich.
1769 11	Stewart, Millard	.....	Algonac, Mich.
1489 4	Stewart, W. G.	care Pickands, Mather & Co.,	Cleveland, O.
1958 10	Stitt, Geo. P.	Suite 3, Lakehead Bldg.,	Fort William, Ont.
1957 10	Stitt, Jas. M.	1308 Arthur St.,	Fort William, Ont.
1743 10	Stitt, W. J.	Brunswick Apts., S. 10,	489 Blood St., Toronto, Ont.
2189 2	Stockdale, Roy N.	.....	Courtright, Ont.
636 7	Stoddard, Lewis	773 Cramer St.,	Milwaukee, Wis.
184 4	Stone, H. W.	58 Noble Rd.,	E. Cleveland, O.
760 4	Stone, L. W.	.....	Vermilion, O.
1712 4	Story, W. J.	30 Kingsville Ave.,	Ashtabula, O.
262 4	Stough, L.	1711 W. 31st Pl.,	Cleveland, O.
1574 3	Strahan, Louis	.....	Wells, Mich.
1855 7	Stuart, Thos. J.	666 Attwater St. E.,	Detroit, Mich.
1872 6	Stufflebeam, Jno.	204 N. Lavinia St.,	Ludington, Mich.
2131 4	Sturtevant, F. C.	2277 East 87th St.,	Cleveland, O.
371 6	Sullivan, D. C.	625 Prospect Ave.,	Milwaukee, Wis.
2043 12	Sullivan, D. T.	331 N. 60th Ave., W.,	Duluth, Minn.
1676 9	Sullivan, N. M.	3 White Star Line Bldg.,	Toledo, O.
2079 7	Sullivan, Wm. E.	Box 64, Fairgrove,	Tuscola Co., Mich.
2127 7	Sullivan, Thos. D.	702 W. Jennie St.,	Bay City, Mich.
1303 4	Sutherland, W. T.	.....	Green Bay, Wis.
363 7	Swain, Martin	471 Wabash Ave., care R. M. Northwood,	Detroit, Mich.
2023 12	Swenson, Albert	1001 Torrey Bldg.,	Duluth, Minn.
1709 4	Talbot, A. J.	906 E. Erie St.,	Lorain, O.
1410 7	Talbot, Geo. E.	2635 2nd Ave.,	Highland Park, Mich.
1680 3	Taylor, Edw.	4351 W. Monroe St.,	Chicago, Ill.
1157 8	Taylor, James	Box 696,	Marine City, Mich.
2273 16	Taylor, W. J.	366 Dufferin St.,	Port Arthur, Ont.
1096 4	Tear, F. S.	The Blvd.,	Painesville, O.
79 3	Tebo, Geo.	3838 Sheffield Ave.,	Chicago, Ill.
2068 3	Thayer, Chas. R.	1337 E. 71st Pl.,	Chicago, Ill.

NAMES AND ADDRESSES.

Pen- nant	Lodge	Name	Address	City
2163	3	Thody, Fred W.	2004 7th St.,	Port Huron, Mich.
422	4	Thompson, J. C.	4202 Bailey Ave., S. W.	Cleveland, O.
1795	4	Thompson, M. S.	144 Erie St.,	Painesville, O.
1050	1	Thompson, Peter	104 Russell Ave.,	Buffalo, N. Y.
1500	4	Thompson, Robt.	2325 E. 100th St.,	Cleveland, O.
1591	2	Thompson, W. F.	1208 E. 5th St.,	Duluth, Minn.
657	7	Thorburn, Jno.	c/o W. A. Meddaugh,	Westhope, N. D.
61	7	Thorne, Wm.	1011 3rd Ave.,	Detroit, Mich.
69	1	Thorpe, E. F.	12217 Detroit Ave.,	Lakewood, O.
2123	6	Thorpe, John	688 34th St.,	Milwaukee, Wis.
1943	6	Thorsen, Louis	769 N. Water St.,	Milwaukee, Wis.
560	2	Thrap, W. H.	305 N. Henry St., Sta. A.,	West Bay City, Mich.
1979	4	Thrasher, C. R.	5428 Detroit Ave.,	Cleveland, O.
2176	4	Tilden, L. S.	7049 Superior Ave., Suite 12,	Cleveland, O.
2338	6	Tilley, Robert G.	552½ Linus St.,	Milwaukee, Wis.
1469	3	Tisdale, Geo. B.	Box 116,	Douglass, Mich.
2344	6	Tobin, Gordon	601 3rd Ave. W.,	Ashland, Wis.
719	9	Tomlin, Wm. J.	.....	Marine City, Mich.
167	4	Tower, C. B.	4102 Clinton Ave.,	Cleveland, O.
1051	6	Tower, Jno.	Milwaukee Tug Boat Line,	Milwaukee, Wis.
2098	11	Townsend, C. A.	Box 188,	Algonac, Mich.
1991	10	Travis, Fred	King St.,	Ogdensburg, N. Y.
2118	2	Trimble, George	1103 Lapeer Ave.,	Pt. Huron, Mich.
1706	3	Trodahl, H. H.	.....	Dagget, Mich.
2274	16	Trombly, Albert	52 Ontario St.,	Port Arthur, Ont.
206	7	Trottier, G. N.	302 Moffat Bldg.,	Detroit, Mich.
2093	4	Tufverson, N. P.	214 4th St.,	Elyria, O.
1055	4	Tulian, G. D.	10803 Garfield Ave.,	Cleveland, O.
1942	6	Tulledge, Bernard	.....	Frankfort, Mich.
2081	3	Upham, Lucien B.	.....	Saugatuck, Mich.
1902	8	Utley, R. Z.	307 Elizabeth St.,	Marine City, Mich.
2135	4	Van Buskirk, John	564 Harbor St.,	Conneaut, O.
2263	6	Van Dyke, W. H.	care Pere Marquette Line Steamers, Pere Marquette 7,	Milwaukee, Wis.
1371	8	Van Gorder, C.	.....	Marine City, Mich.
2050	1	Van Natta, C. F.	246 Niagara St.,	N. Tonawanda, N. Y.
1501	4	Van Slet, Abram	10101 Detroit Ave.,	Cleveland, O.
2067	3	Van Velzen, H.	1708 North 40th Ct.,	Chicago, Ill.
1956	3	Voight, A. C.	1957 Balmoral Ave.,	Chicago, Ill.
1369	1	Vrooman, G. H.	Union Towing & Wrecking Co.,	Duluth, Minn.

NAMES AND ADDRESSES.

Pen- nant Lodge	Name	Address	City
2160 4	Wade, F. J.	2085 West 61st St.,	Cleveland, O.
1001 4	Walder, R. J.	1421 W. 65th St.,	Cleveland, O.
844 9	Walker, N. B.	952 Clark St.,	E. Toledo, O.
294 4	Wallace, C. H.	care Pittsburgh Coal Co., Old Colony Bldg.,	Chicago, Ill.
1933 6	Walle, Martin	857 27th St.,	Milwaukee, Wis.
1621 4	Walper, Henry	24 Exchange St.,	Vermilion, O.
980 10	Walsh, Jas. A.	97 Morris St.,	Ogdensburg, N. Y.
651 7	Waltman, Jos.	597 Vinewood Ave.,	Detroit, Mich.
1124 6	Wanvig, John D.	404 Webster Ave.,	Milwaukee, Wis.
965 4	Ward, Jno.	1301 New England Bldg.,	Cleveland, O.
2191 2	Ward, Peter	27 Taylor St.,	Port Huron, Mich.
2192 11	Warner, Clarence W.	.....	Algonac, Mich.
1260 9	Warner, J. B.	414 5th St.,	Toledo, O.
1955 9	Warner, Raymond	409 3rd St.,	Toledo, O.
1514 11	Warner, W. B.	Box 223,	Algonac, Mich.
1914 11	Warner, W. E.	Box 13,	Algonac, Mich.
2095 2	Warwick, Ern- est M.	2003 7th St.,	Pt. Huron, Mich.
1118 1	Warwick, Henry	926 Superior Ave.,	Port Huron, Mich.
1669 1	Watson, C. W.	36 Ada Pl.,	Buffalo, N. Y.
336 7	Watts, Jas. B.	108 Jay St.,	Detroit, Mich.
1722 3	Weaver, Geo. W.	Box 374,	Charlevoix, Mich.
2001 4	Weaver, Jas. T.	55 Gelston St.,	Buffalo, N. Y.
1548 7	Webster, C. T.	1938 Jefferson Ave.,	Detroit, Mich.
2130 8	Wellhausen, Harry C.	338 Woodworth St.,	Marine City, Mich.
305 4	Weeks, J. L.	1449 Robinwood Ave.,	Lakewood, O.
932 3	Weimer, Fred T.	7424 N. Paulina St.,	Rogers Park, Chicago, Ill.
1649 1	Weinheimer, E. J.	.....	Lake View, N. Y.
1312 1	Weinheimer, F. L.	452 Prospect Ave.,	Buffalo, N. Y.
1647 1	Weinheimer, F. W.	452 Prospect Ave.,	Buffalo, N. Y.
1822 4	Weitzman, C. A.	Box 140,	Huron, O.
2162 4	Wendorf, H.	1424 West 75th St.,	Cleveland, O.
1132 7	West, B. E.	327 St. Clair Ave.,	Detroit, Mich.
1586 14	West, F. A.	540 N. 3rd St.,	St. Clair, Mich.
1385 1	White, A. E.	.....	Washington, Mich.
2073 1	Wiebe, Fred	11 Gelston St.,	Buffalo, N. Y.
2011 1	Wiener, Fred E.	198 Shumway St.,	Buffalo, N. Y.
1045 1	Wilkins, W. W.	2321 Myrtle St.,	Erie, Pa.
1597 7	Wilkinson, C.	865 Congress St. East,	Detroit, Mich.
1151 7	Wilkinson, Fred	411 Hellen Ave.,	Detroit, Mich.
1762 1	Wilkinson, R. B.	76 E. Oakwood Pl.,	Buffalo, N. Y.

NAMES AND ADDRESSES.

Pen- nant	Lodge	Name	Address	City
1639	3	Willett, C. W.	129 Main St.,	Vandalia, Ill.
1491	4	Williams, A. M.	1466 Orchard Grove Ave.,	Lakewood, O.
410	3	Williams, David	4321 Jackson Blvd.,	Chicago, Ill.
1044	6	Williams, Edw.	8111 Madison Ave.,	Cleveland, O.
2349	1	Williams, John E.	423 Jefferson Ave.,	Bay City, Mich.
352	7	Williams, W. H.	800 Trumbull Ave.,	Detroit, Mich.
2128	1	Williams, W. W.	297 Mt. Vernon Ave.,	Detroit, Mich.
1837	8	Williamson, P. L.	Pearl St.,	Marine City, Mich.
1880	7	Williscroft, J. E.	Box 221,	Mundare, Alberta.
1058	4	Willoughby, W. J.	142 Dougan Ave.,	Windsor, Ont.
1593	4	Wilman, Dan	3403 W. 98th St.,	Cleveland, O.
1471	3	Wilson, C. H., Jr.	506 W. 5th St.,	Erie, Pa.
63	1	Wilson, C. H., Sr.	706 West 8th St.,	Erie, Pa.
596	7	Wilson, Chas. L.	164 Willis Ave.,	Detroit, Mich.
2313	17	Wilson, Roland J.	Toronto St.,	Midland, Ont.
1408	7	Wilson, Wm.	35 Upton St.,	Boston, Mass.
2297	6	Winkler, Herman	635 N. 5th St.,	Manitowoc, Wis.
2295	1	Winter, John J.	131 Niagara St.,	Buffalo, N. Y.
1628	3	Woerpel, H.	3835 N. Central Park Ave.,	Chicago, Ill.
1533	4	Wood, J. S.	1790 E. 87th St.,	Cleveland, O.
761	4	Woodford, C. H.	Care Pickands, Mather & Co.,	Cleveland, O.
1893	7	Woodgrift, C. H.	111 Chippewa Ave.,	Detroit, Mich.
2076	10	Woods, Arthur F.	54 Elizabeth St.,	Ogdensburg, N. Y.
1133	6	Woods, Jno.	184 Water St.,	Milwaukee, Wis.
1749	10	Woods, Wm. V.	217 Washington St.,	Ogdensburg, N. Y.
1121	4	Woodward, C. D.	.....	Olmsted Falls, O.
2072	1	Worden, Scott B.	185 W. Euclid Ave.,	Detroit, Mich.
503	6	Wright, Wm.	465 Logan Ave.,	Milwaukee, Wis.
1643	7	Yates, Wm. H.	236 Horton Ave.,	Detroit, Mich.
1841	8	Young, Alex	R. F. D. 1, c/o A. Young, Sr.,	Marine City, Mich.
819	7	Young, J. P.	99 Edison Ave.,	Detroit, Mich.
40	3	Young, Robert	305 N. 5th Ave.,	Chicago, Ill.
1917	9	Zeim, Wm. C.	231 Campbell St.,	Alpena, Mich.
2066	4	Zeland, Thomas J.	1598 Woodward Ave.,	Lakewood, O.
1907	6	Zwemer, Everett	114 2nd St.,	Grand Haven, Mich.

NAMES AND ADDRESSES OF ASSOCIATE MEMBERS, SHIP MASTERS' ASSOCIATION

Pennant	Name	Address	City
A 2	Chas. P. Gilchrist	560 Franklin Ave.,	Cleveland, O.
A 3	J. P. Karr	171 River St.,	Cleveland, O.
A 6	John F. Wedow	93 Tilden St.,	Cleveland, O.
A 7	L. Hausheer, Jr.	.....	Lakewood, O.
A 9	Oliver W. Upson	1310 River Ave., N. W.,	Cleveland, O.
A 10	J. B. Rodgers	175 Highland Ave.,	Buffalo, N. Y.
A 12	A. T. Harvey	881 Case Ave.,	Cleveland, O.
A 13	Harvey D. Goulder	1561 Euclid Ave.,	Cleveland, O.
A 14	W. P. Murray	720 Genesee St.,	Cleveland, O.
A 15	J. D. Ashley	242 Oliver St.,	Cleveland, O.
A 16	W. H. Becker	.....	Dover, O.
A 17	H. Leonard Wilton	523 Cass Ave.,	Detroit, Mich.
A 18	Hermon A. Kelley	Overlook Road, Euclid Heights,	Cleveland, O.
A 19	J. A. Gilchrist	Route No. 1,	Panna, O.
A 21	Robert J. Dunham	381 No. Halsted St.,	Chicago, Ill.
A 22	Marcus M. Drake	346 Lafayette Ave.,	Buffalo, N. Y.
A 23	Wm. E. Holmes	20 Delaware Place,	Chicago, Ill.
A 24	William H. Wood	665 Evanston Ave.,	Chicago, Ill.
A 25	D. Sullivan	641 West Adams St.,	Chicago, Ill.
A 26	J. H. Sheadle	Norfolk Road, Euclid Heights,	Cleveland, O.
A 27	Chas. W. Elphicke	111 W. Jackson Blvd.,	Chicago, Ill.
A 28	Ray G. McDonald	630 First Nat'l Bank Bldg.,	Chicago, Ill.
A 29	Geo. J. Harris	462 North Water St.,	Chicago, Ill.
A 30	Henry J. Pauly	207 14th St.,	Milwaukee, Wis.
A 31	W. A. Hawgood	79 Bell Ave.,	Cleveland, O.
A 32	H. Coulby	.....	Cleveland, O.
A 33	M. A. Bradley	1378 Euclid Ave.,	Cleveland, O.
A 34	T. F. Newman	724 Genesee St.,	Cleveland, O.
A 35	Frank W. Fletcher	.....	Alpena, Mich.
A 36	G. A. Tomlinson	.....	Duluth, Minn.
A 37	Ralph D. Mitchell	2170 Euclid Ave.,	Cleveland, O.
A 38	F. B. Wadhams	465 Willson Ave.,	Cleveland, O.
A 40	John H. Schlosser	22 Hanover St.,	Milwaukee, Wis.
A 42	John O. Teagan	1065 Jefferson Ave.,	Detroit, Mich.
A 43	Christ J. Meyer	98 Ferry St.,	Wauwatosa, Wis.
A 44	C. L. Parker	326 St. Alban Ave.,	Detroit, Mich.
A 45	Fred W. Green	3184 West 95th St.,	Cleveland, O.
A 46	John J. Boland	794 South Park Ave.,	Buffalo, N. Y.
A 47	S. W. Gould	1595 E. 86th St. N. E.,	Cleveland, O.
A 48	James McAlpine	1217 Chamber of Commerce,	Buffalo, N. Y.

NAMES AND ADDRESSES.

Pennant	Name	Address	City
A 49	W. E. Lloyd	152 West Ave.,	Buffalo, N. Y.
A 51	Harvey L. Brown	439 Richmond Ave.,	Buffalo, N. Y.
A 52	C. S. Mahoney	62 York St.,	Buffalo, N. Y.
A 53	J. B. Rodgers	1217 Chamber of Commerce,	Buffalo, N. Y.
A 54	F. G. Rogers	485 Woodward Ave.,	Buffalo, N. Y.
A 55	John B. Richards	226 Bryant St.,	Buffalo, N. Y.
A 56	Dell L. Tuttle	356 Norwood Ave.,	Buffalo, N. Y.
A 57	John Connelly	126 Fargo Ave.,	Buffalo, N. Y.
A 58	J. C. Oberschiemer	1217 Chamber of Commerce,	Buffalo, N. Y.
A 59	M. Connolly	254 Swan St.,	Buffalo, N. Y.
A 60	Adam E. Cornelius	90 Dodge St.,	Buffalo, N. Y.
A 61	J. C. Evans	.....	.....
A 63	J. E. Upson	11447 Euclid Ave.,	Cleveland, O.
A 64	G. M. Steinbrenner	1545 E. 86th St.,	Cleveland, O.
A 65	W. P. Trinter	2313 E. 55th St.,	Cleveland, O.
A 66	G. F. Body	601 Canal Road,	Cleveland, O.
A 67	Thomas J. Rennick	70 Market St.,	Ashtabula, O.
A 68	K. Oakes	46 Palmer Ave.,	Detroit, Mich.
A 69	T. A. Cheney	25 Walnut St.,	Ashtabula, O.
A 70	E. Lawrence	.....	Fairport Harbor, O.
A 71	H. W. McGean	1845 E. 79th St.,	Cleveland, O.
A 72	C. L. Hutchinson	18 Grace Ave.,	Lakewood, O.
A 73	A. F. Leopold	3905 Whitman Ave.,	Cleveland, O.
A 74	H. B. Drake	2309 E. 93rd St.,	Cleveland, O.
A 75	Henry Hull	Williams St.,	Huron, O.
A 76	C. C. Lanken	Asot Apts., Crawford Rd.,	Cleveland, O.
A 77	Jas. O'Connor	167 Morgan St.,	Tonawanda, N. Y.
A 78	F. H. Burrill	54 Spruce St.,	Ashtabula, O.
A 79	W. J. Douglas	67 Washington St.,	Ogdensburg, N. Y.
A 80	Edw. Smith	444 Linwood Ave.,	Buffalo Dry
		Dock Company,	Buffalo, N. Y.
A 81	E. C. Collins	3310 Carnegie Ave.,	Cleveland, O.
A 82	C. C. Canfield	10215 Westchester Ave. N. E.,	Cleveland, O.
A 83	Frank Seither	3070 West 20th St.,	Cleveland, O.
A 84	Jos. Kendrick	906 Society for Savings Bldg.,	Cleveland, O.
A 85	Thos. W. Sheriff	277 25th St.,	Milwaukee, Wis.
A 86	Carl C. Joys	358 Hanover St.,	Milwaukee, Wis.
A 87	Jos. Davidson	356 Virginia St.,	Milwaukee, Wis.
A 88	W. C. Starke	137 18th St.,	Milwaukee, Wis.
A 89	A. W. Thomson	1304 Rockefeller Bldg.,	Cleveland, O.
A 90	J. H. Bartow	2066 E. 89th St.,	Cleveland, O.
A 91	S. P. Shane	2040 E. 100th St.,	Cleveland, O.
A 92	R. A. Blood	1363 Belle Ave.,	Lakewood, O.

NAMES AND ADDRESSES

Pennant	Name	Address	City
A 93	F. C. Campbell	705 3rd Ave. E.,	Owen Sound, Ont.
	Simpson	374 10th St. E.,	Owen Sound, Ont.
A 94	J. Burton	1568 3rd Ave. E.,	Owen Sound, Ont.
A 96	Peter Pet	357 Agelite Ave.,	Port Arthur, Ont.
A 97	Ernst P. Burgie	344 Van Norman St.,	Port Arthur, Ont.
A 98	C. C. L. D. Morrison	80 Pine St.,	Port Arthur, Ont.
A 99	David I Stawntor	80 Crown St.,	Port Arthur, Ont.
A 100	H. H. Ths	59 Ontario St.,	Port Arthur, Ont.
A 101	Daniel D. Ssegal	267 Park St.,	Port Arthur, Ont.
A 102	A. J. Schmi	43 Crown St.,	Port Arthur, Ont.
A 103	J. McCart	178 N. Cumberland St.,	Port Arthur, Ont.
A 104	George Cousins	.....	Port Arthur, Ont.
A 105	Clarence McInnes	.....	Port Arthur, Ont.
A 106	Frank	.....	Port Arthur, Ont.
A 107	Gilbe	.....	Port Arthur, Ont.
A 108	Jan	.....	Port Arthur, Ont.
	George Cosgrove	.....	Port Arthur, Ont.
	J. Maloney	10 College St.,	Port Arthur, Ont.
	W. C. Graley	.....	Midland, Ont.
	R. Smith	6th St.,	Midland, Ont.
	F. E. Cook	3rd St.,	Midland, Ont.
4	W. B. Kitchen	Midland Ave.,	Midland, Ont.
65	G. W. Kinnie	King St.,	Midland, Ont.
66	A. B. Cuff	King St.,	Midland, Ont.
67	J. Tindall	3rd St.,	Midland, Ont.
68	A. G. Gidley	Mary St.,	Midland, Ont.
H 69	A. Macaulay	Dominion Ave.,	Midland, Ont.
H 70	C. E. Gould	.....	Midland, Ont.
H 71	Peter Light	.....	Penetanguishene, Ont.

MEMBERS OF THE SHIP MASTERS' ASSOCIATION

Arranged According to Pennant Numbers

PENNANT NUMBERS 4 TO 274 INCLUSIVE

Pennant	Lodge	Name	Pennant	Lodge	Name
4	1	Dissette, John H.	140	2	Powrie, P. F.
15	7	Ivers, John H.	149	3	Carr, James
17	1	Dunn, John	155	7	Hart, Fred C.
21	1	O'Neil, Patrick	160	4	Hoover, N. E.
22	1	Hogg, G. L.	164	4	Lowe, James B.
35	1	Clarke, Geo. H.	167	4	Tower, Chas. B.
40	3	Young, Robert	170	1	Hall, John B.
42	1	Fletcher, William	174	4	Brown, Frank H.
44	4	Chapman, A. C.	176	4	Mallory, G. B.
49	1	Robinson, Walter	177	4	Rae, F. H.
50	1	Corcoran, Joseph	182	4	Lowe, John
54	4	Sherwood, D. N.	184	4	Stone, Henry W.
55	10	Shay, W. S.	191	2	May, A. C.
56	3	Root, F. D.	192	2	McAllister, James
61	7	Thorne, William	199	3	Disher, William
63	1	Wilson, Chas. H.	200	3	Gallagher, Anthony
69	1	Thorp, E. F.	206	7	Trotter, Geo. N.
73	1	Gibson, James	222	6	Ballentine, E. D.
78	2	McArthur, John	223	4	Saph, C. M.
79	3	Tebo, George	227	2	Buzzard, John
89	2	Kendall, H. J.	229	2	Pringle, John C.
97	7	Owen, John Q.	231	4	Spear, E. P.
104	1	Berow, Joseph H.	234	4	Benham, C. E.
105	1	Durker, Henry	247	4	Fick, Frank A.
108	1	Murphy, Henry	252	3	Chron, Thomas
113	2	Madden, M. J.	253	7	Armstrong, Byron
115	2	Anderson, E. B.	254	3	Moore, H. R.
116	1	Coleman, Jeremiah	256	3	Campbell, J. M.
119	2	Little, John W.	262	4	Stough, Lafayette
120	1	Grasser, George	264	4	Humphrey, W. H.
121	2	Davis, E. H.	266	4	Mallory, D. H.
129	1	Murphy, Stephen	269	4	Holmes, Jos. A.
133	1	Richardson, Harry	272	4	Ennes, C. G.
138	2	Davis, Henry	274	4	Collier, Wm. A.

PENNANT NUMBERS 279 TO 632 INCLUSIVE

Pennant	Lodge	Name	Pennant	Lodge	Name
279	1	Robarge, G. E.	450	3	Minskey, J. P.
283	3	Loftus, H. F.	451	3	Flood, W. Gilman
285	3	Wood, James O.	464	7	Nicholson, D.
287	3	Roach, P. C.	477	6	Maxon, F. C.
288	4	McKay, Geo. P.	479	6	Starke, F. C.
290	4	Call, Richard	481	6	Jamieson, William
293	4	Chapman, C. B.	486	6	Stewart, John
294	4	Wallace, Chas. H.	488	6	Anderson, Olief N.
300	3	McCambridge, T.	496	6	Schwerman, Fred
302	4	Mitchell, John	498	6	Leisk, John
305	4	Weeks, J. L.	500	6	Leisk, Henry
307	4	Ames, William	501	6	Doak, John A.
315	1	McEachern, Archie	503	6	Wright, Wm. E.
317	1	Drake, A. B.	505	6	Boyce, H. M.
319	1	Buie, Daniel	506	4	Hawgood, A. H.
336	7	Watts, Jas. B.	507	6	McSweeney, John
339	4	Mulholland, Matt.	509	6	Scott, W. B.
348	9	Stalker, Duncan	513	6	McCoy, John
350	2	O'Connor, Richard	515	6	McGregor, W. F.
352	7	Williams, W. H.	528	7	Hutton, John T.
355	4	Morgan, Jas. W.	532	7	Duncanson, D. J.
358	4	Olson, Olaf	542	3	McDonald, Geo.
359	3	Jenks, John	543	3	MacLean, Donald
362	3	Higgins, Thomas	545	3	Kohnert, E. G.
363	7	Swain, Martin	546	4	Sanders, Jos.
370	3	Clow, J. M.	553	9	Harlow, Wm. J.
371	6	Sullivan, D. C.	557	2	Laframboise, Jas.
373	3	Everett, Anthony	558	4	Rae, Frank C.
375	2	Zealand, Henry	560	2	Thrap, Wm. H.
377	2	Sinclair, D. M.	566	1	Shephard, A. M.
381	1	Perew, John	570	4	Anderson, Joseph
388	2	Harrow, W. B.	572	3	Hubbard, Chas. H.
391	4	Hinslea, Chas. H.	576	2	Maitland, Henry
394	1	Johnson, John	586	7	Stewart, A. E.
407	4	Doville, Jos.	596	7	Wilson, Chas. L.
410	3	Williams, David	602	7	Innes, J. R.
412	3	Moore, Chas. K.	603	7	Lohr, Edward
418	1	Stevenson, Hugh	612	7	Fox, Arthur J.
422	4	Thompson, J. C.	613	9	Meikleham, Thos.
427	4	Benham, Chas. A.	614	9	Bailey, Robt. N.
433	4	Cleveland, C. R.	624	4	Peterson, H.
439	6	Carter, W. J.	627	7	Hagan, Hugh J.
443	3	Regan, John	629	7	Ferguson, Robt. E.
448	1	Coughlin, Daniel	632	7	Spiffington, J. A.

PENNANT NUMBERS 636 TO 1020 INCLUSIVE

Pen- nant	Lodge	Name	Pen- nant	Lodge	Name
636	7	Stoddard, Lewis	856	9	McKinley, Jas.
641	2	Harper, Geo.	861	2	Chambers, A. P.
642	3	Cochrane, David	865	7	July, Edward F.
651	7	Waltman, Jos.	875	7	McCallum, Henry
657	7	Thorburn, John	891	1	Madigan, Jas. A.
666	7	Holbrook, T. H.	892	6	Christenson, Peter
671	7	Millen, Wm. F.	893	7	Hursley, Jay
694	4	Peterson, C. A.	899	3	Elliott, A. M.
695	4	Miller, Chas. D.	902	6	Robertson, Geo.
698	4	Bell, George A.	910	7	McLean, Wm.
708	4	Rice, Frank	914	4	Carlson, W. S.
712	6	McGinn, James	921	4	Steible, John
719	9	Tomlin, Wm. J.	932	3	Weimar, Fred T.
731	7	Campau, W. H.	941	3	McIntyre, Allan
732	7	Mara, James	952	4	Eldredge, H. C.
738	4	Cottrell, Geo. L.	959	4	Moody, Wm. H.
749	3	Massey, John	960	4	Lampoh, Jos.
750	7	Livingston, W. Jr.	965	4	Ward, John
751	7	Lennon, Wm.	971	2	Fleck, James A.
753	7	McKay, Alex. J.	972	7	McAlpin, John
755	7	McLarty, James	973	3	Brion, James W.
760	4	Stone, Lewis W.	975	7	McFarlane, D.
761	4	Woodford, C. H.	978	6	Bennett, Henry
767	7	McIntosh, M. G.	980	10	Walsh, James A.
770	1	Graham, George	982	4	Benham, Wm. P.
771	1	McMillan, Chas.	983	4	Detlefs, Emil
782	8	Rice, Phillip	986	3	Gallino, A. P.
786	8	Hagan, Wm.	987	7	Hutchins, F. G.
798	4	Mitchell, Alfred	988	4	McGarvey, Wm.
799	8	Shaw, G. A.	992	3	Moore, J. F.
801	2	Pierce, G. W.	994	2	Manuel, Fred W.
804	2	Brown, C. T.	995	2	Budd, Melvin A.
810	4	Lalond, Anthony	996	3	Ackerman, J. C.
819	7	Young, J. P.	1001	4	Walder, R. J.
821	1	Rowan, Murdock	1004	4	Hoag, Wm. S.
822	2	Mosier, R. H.	1010	4	Laframboise, Jacob
826	9	Herrick, T. C.	1012	2	Cowles, Wm. J.
827	1	Cunningham, Jas.	1013	7	Smith, A. C.
831	9	Gillespie, Isaac G.	1014	2	Johnston, Edward
843	9	Sage, Geo. V.	1016	1	Green, John D.
844	9	Walker, Norman B.	1017	4	Hunt, Wm. J.
850	4	Slackford, W. G.	1018	3	Howard, Martin
854	9	Ashley, Ed. G.	1020	4	Jollie, Richard

PENNANT NUMBERS 1021 TO 1177 INCLUSIVE

Pen- nant	Lodge	Name	Pen- nant	Lodge	Name
1021	2	Bennett, Jas. S.	1103	6	Ross, C. D.
1026	4	Fox, Benson	1104	2	Sinclair, John H.
1028	7	McLachlan, Archie	1105	4	Reece, Geo. O.
1029	7	Herbert, Fred	1106	4	Heaton, Chas. H.
1032	6	Moody, Chas. E.	1109	2	Neal, Jas. S.
1035	4	Ingraham, F. E.	1111	6	Small, E. S.
1038	4	Allen, Sam'l. C.	1112	7	McCarthy, Daniel
1039	4	Post, Jos. W.	1114	1	Stevenson, Geo. C.
1041	4	Ferguson, Wm.	1115	4	Jones, John F.
1043	3	Rand, Leroy A.	1116	4	Allen, C. L.
1044	6	Williams, Edward	1117	7	Burke, Enos J.
1045	1	Wilkins, W. W.	1121	4	Woodward, Chas. D.
1047	1	Martin, Edward	1122	7	Kearns, Joseph
1050	1	Thompson, Peter	1123	7	Maynes, Daniel A.
1051	6	Tower, John	1124	6	Wanvig, John D.
1052	7	McGuire, Norman	1125	6	Christenson, Anton
1054	7	Goodrow, Frank	1126	9	Benson, Dan.
1055	4	Tulian, Gains D.	1127	4	Dyble, Edw.
1058	4	Willoughby, W. J.	1131	9	Jex, H. N.
1059	4	Driscoll, Jas. H.	1132	7	West, Bert E.
1060	1	Gibson, James R.	1133	6	Woods, John
1061	7	Brady, Thos. J.	1135	4	Craigie, Alex.
1065	7	McIntosh, John L.	1136	4	Hergenrother, J. A.
1067	4	McGarry, John	1137	7	Balfour, C. C.
1068	4	Bouille, David	1140	1	Hansen, Andrew C.
1070	4	Cody, F. B.	1141	7	Forton, Frank S.
1073	7	Mahon, A. J.	1147	9	Doville, D. F.
1075	7	Donaghue, E. J.	1148	6	Olson, Samuel
1076	7	Crosby, Wm. J.	1150	2	Greening, Wm.
1078	7	Chamberlin, F. D.	1153	3	Hamilton, W. D.
1079	9	Lockhart, D. O.	1154	1	Curran, David A.
1080	7	McLachlan, D.	1151	7	Wilkinson, F. A.
1081	7	Johnston, Alex.	1155	1	Montgomery, J. W.
1082	7	Mallette, Paul A.	1157	8	Taylor, James
1083	6	Brownell, Stephen	1160	8	McDonald, John
1084	7	Firby, Wm. T.	1161	7	McDonald, N.
1085	7	Clark, Alex.	1167	9	Burnham, Geo.
1088	4	Sanders, Thos. H.	1169	1	O'Day, Simon
1090	4	Beggs, Thos.	1170	3	Minter, Thos. B.
1091	1	Howe, Alfred B.	1171	3	Reid, Robert Jr.
1095	1	Duddleson, John W.	1172	3	Christopher, S.
1096	4	Teare, F. S.	1175	7	Millen, P. L.
1101	2	Burns, John	1177	4	Burr, James L.

PENNANT NUMBERS 1179 TO 1381 INCLUSIVE

Pen- nant	Lodge	Name	Pen- nant	Lodge	Name
1179	1	O'Neill, Patrick	1260	9	Warner, J. B.
1182	7	Parsons, H. H.	1262	8	Broadbridge, A. T.
1183	7	Stevens, E. P.	1266	9	Kirker, Fred
1184	4	Hinslea, Henry	1269	3	Patterson, Wm.
1185	4	Parsons, Frank	1276	8	Maxwell, Wm.
1187	1	Hartman, John J.	1283	4	Robinson, A. R.
1188	1	Warwick, Henry	1284	7	Rains, Ed. T.
1191	3	Jensen, K. A.	1285	3	Leith, Alex.
1193	7	Bertrand, Frank	1294	1	Burns, John J.
1194	7	Maddock, J. B.	1295	4	Landfair, B. M.
1197	4	Hand, A. S.	1303	4	Sutherland, Wm. T.
1198	8	Brown, Hector	1304	9	Harlow, Frank T.
1199	8	McCann, Samuel	1307	4	Reid, Fred'k H.
1201	7	Parsons, Joseph	1308	3	Campau, Louis A.
1203	7	Maddock, J. C.	1309	9	Cook, J. W.
1204	4	Hahn, Charles P.	1312	1	Weinheimer, F. L.
1205	4	Blattner, Wm. H.	1313	1	Secord, C. D.
1206	6	Larson, Peter	1314	1	Grant, C. J.
1207	6	Thrall, Preston F.	1315	7	McGregor, Wilson
1208	3	Jacobson, Jacob	1319	3	Anderson, Wm.
1209	2	Neal, Wm. D.	1321	4	Anderson, Mathew
1219	4	England, Rich. W.	1328	11	Ames, Augustus
1224	4	McAlpine, Hugh	1329	4	Peterson, Peter A.
1226	8	Mattison, E. F.	1330	4	Johnston, John M.
1227	8	Folsom, Frank C.	1334	2	Akers, E. C.
1229	8	Kinyon, S. D.	1338	4	Byrns, Howard A.
1233	7	Parsons, Dudley R.	1344	6	Preston, John R.
1236	4	Bouille, Pierre	1351	4	Mahon, Walter M.
1237	4	Kelly, Henry	1352	4	Leckie, Frederic
1240	2	Kelly, James W.	1355	7	Christie, Charles
1241	2	Canartney, M.	1356	7	Baker, Harris W.
1243	8	Kuhn, John	1359	3	Higgie, J. F.
1244	7	Clifford, Alex.	1360	6	Dailey, Michael
1246	9	Stalker, A. W.	1361	4	Faragher, William
1247	6	Cook, John G.	1362	3	Sinclair, Cyrus H.
1249	6	Soleau, O. J.	1363	3	Elliott, Frank
1251	9	Doville, Egbert	1366	3	Beggs, David
1252	9	Cunningham, J. J.	1368	4	Anderson, Chas. A.
1254	2	Reed, Wm. A.	1369	1	Vrooman, Geo. H.
1256	7	Quinlan, Wm.	1371	8	Van Gorder, Chas.
1257	8	Cottrell, Jas. F.	1374	7	Callam, Alex. C.
1259	9	Lynn, Daniel R.	1377	7	Robinson, Salem O.
			1381	3	Lamoreaux, Joseph

PENNANT NUMBERS 1384 TO 1528 INCLUSIVE

Pennant	Lodge	Name	Pennant	Lodge	Name
1384	4	Bartel, A. E.	1462	4	McDonald, Wm.
1384	4	White, A. E.	1464	1	Finegan, Owen P.
1386	4	Ferguson, John A.	1465	7	Flaherty, Joseph
1387	4	Brand, August	1466	7	Simpson, Fred J.
1388	1	Klock, Everett	1467	9	Dunseith, John
1389	1	Fuller, C. E.	1469	3	Tisdale, Geo. B.
1392	1	Peterson, M. S.	1471	3	Wilson, Chas. H. Jr.
1393	1	Clark, John C.	1472	4	Saph, Jay P.
1394	4	Johnson, Martin	1473	7	May, Anthony T.
1395	4	Nordahl, Arnold	1476	6	Sniffin, Berlin N.
1397	7	Baker, Burton S.	1479	11	Jackson, Rich. C.
1402	8	Markle, Stanton	1480	4	Smith, Philip H.
1403	4	Goodwin, Jas. F.	1481	11	Johnson, Wm. H.
1408	7	Wilson, Wm.	1482	4	Packer, Wm. H.
1410	7	Talbot, Geo. E.	1483	4	Ellis, Frank S.
1411	7	Anderholt, L. P.	1484	6	Williams, Wm. A.
1412	1	Stevenson, Wm. H.	1487	9	Lyons, Jas. B.
1413	1	Saunders, Jas. M.	1489	4	Stewart, Walter G.
1415	4	MacLachlan, A. H.	1490	11	Lyons, Stephen A.
1417	7	Forbes, Alexander	1491	4	Williams, Archie M.
1421	8	Hill, Fred C.	1492	4	Dixon, Alfred
1423	4	Banker, Geo. H.	1493	4	Gould, Francis E.
1424	4	Light, F. W.	1494	4	Ehrhart, John W.
1425	3	Edwards, M. L.	1495	2	Cassin, Jas.
1427	3	Bough, Chas.	1497	1	Herbert, James G.
1429	4	Dobson, J. C.	1498	3	Anderson, Sigverdt
1433	7	MacLean, Wm. J.	1499	4	Benham, Geo. E.
1434	7	Recor, Geo. F.	1500	4	Thompson, Rob't.
1435	7	Ratray, Chas.	1501	4	Vanslet, Abram
1437	3	Kohnert, J. E.	1502	2	Hendricks, Edw.
1438	4	Colbert, Thos.	1503	2	Bradshaw, John L.
1442	4	Keller, Alva B.	1504	2	McLean, J. C.
1443	7	Iler, Walter C.	1508	1	Clarke, W. E.
1444	3	Olsen, John K.	1513	6	Anderson, Gus. E.
1445	3	Cullnan, John	1514	11	Warner, Walt. B.
1446	4	Fitch, Edward	1519	1	Dunn, Thos.
1447	7	Craig, John C.	1522	4	Randall, A. E.
1449	6	Maitre, Frank	1523	4	Culp, Hamilton
1450	3	Jennings, J. P.	1524	7	Pickell, E. S.
1451	3	Jones, Harry	1525	6	Bennett, Geo. J.
1453	3	McKay, W. J.	1526	7	Gordon, D. G.
1454	4	Bailey, F. A.	1527	6	Hendricksen, Otto
1456	3	Hansen, John F.	1528	4	Pringle, Rob't. C.
1457	3	Fitch, Edward			

PENNANT NUMBERS 1529 TO 1636 INCLUSIVE

Pennant	Lodge	Name	Pennant	Lodge	Name
1529	4	Ennes, Everett S.	1589	4	Burns, T. C.
1530	3	McGannon, Wm. P.	1590	2	Randall, Frank
1531	7	Brown, Nelson	1591	2	Thompson, W. F.
1532	6	Jones, Warren C.	1592	7	Bain, A. J.
1533	4	Wood, J. S.	1593	4	Wilman, Dan.
1534	8	Dupuie, Frederic A.	1594	4	Maloney, Forest
1535	3	Gunderson, Gustav	1595	4	Girardin, W. L.
1536	3	Evans, Rob't. T.	1596	4	Gustafson, Peter
1538	4	Murdock, John A.	1597	7	Wilkinson, Chas.
1539	6	Dority, Frank A.	1599	6	Coon, Geo.
1540	7	Carr, Whitney	1600	6	Girardin, D. C.
1541	7	Pocock, Henry A.	1601	7	Ross, James
1542	4	Buchanan, James	1602	7	Holt, James G.
1545	4	Symes, George A.	1603	3	Johnson, Carl
1547	7	Hosner, V. L.	1604	3	Johnson, Martin
1548	7	Webster, Chas. T.	1605	3	Bright, W. T.
1549	4	McEwen, Henry W.	1606	8	Kendall, Geo. B.
1550	4	Simmons, Thos. G.	1607	3	Peterson, T. J.
1552	6	Garrity, Thomas	1608	3	Evans, John
1553	4	Holdridge, George	1609	2	Carlisle, Théo. J.
1554	1	Doohen, John B.	1610	1	Barclay, John
1555	2	Hughes, Henry S.	1611	2	Meno, Jos. E.
1557	4	McGarry, George	1612	2	Hanson, John T.
1559	9	Lohr, John M.	1613	2	Scott, G. H.
1561	6	McShane, Daniel W.	1615	7	Mahon, M. H.
1562	1	Milne, John	1616	8	McDonald, G. W.
1563	4	Conkey, Charles M.	1617	3	Lang, Julius
1566	6	DuClos, Napoleon	1619	3	McQueen, W. S.
1568	3	Green, Arnold	1620	4	Ames, G. W.
1569	7	Archer, Arthur A.	1621	4	Walper, Henry
1572	4	Moore, Frank	1622	4	Moore, S. S.
1573	1	Boggan, Moses	1623	7	Norvell, Walker
1574	3	Strahan, Louis F.	1625	7	Kennedy, James
1576	9	Fox, J. C.	1628	3	Woerpel, H.
1577	4	Burt, George G.	1629	2	Fowler, Thomas
1578	1	Kelley, Andrew	1630	7	Ellis, Thos. G.
1580	4	Meeker, S. E.	1631	7	McCarthy, John
1582	7	Merckel, C. G.	1632	7	Barnes, Chas. E.
1584	1	Buckley, J.	1633	4	D'Clute, John C.
1585	7	Gatfield, E. D.	1634	4	D'Clute, Hugh
1586	2	West, Fred A.	1635	6	Redner, Elmer E.
1587	4	Millikin, Wm.	1636	4	Harboldt, John
1588	4	Grashaw, Walter			

PENNANT NUMBERS 1637 TO 1741 INCLUSIVE

Pen- nant	Lodge	Name	Pen- nant	Lodge	Name
1637	4	Dawley, W. W.	1694	7	Morrison, J. N.
1638	3	Shea, Jos. A.	1695	1	Miller, Chas. F.
1639	3	Willett, C. W.	1696	6	Clausson, Gus T.
1641	4	Anderson, P. A.	1698	3	Meyer, Gust.
1643	7	Yates, Wm. H.	1699	3	Hanson, Andrew
1644	7	Ludington, Lewis	1700	3	Anderson, Alex. A.
1647	1	Weinheimer, F. W.	1701	3	Atkinson, Gus E.
1648	1	Shaw, Edward L.	1702	4	Moore, Wm. E.
1649	1	Weinheimer, E. J.	1703	3	Hough, Edgar
1650	1	Kerr, Harry	1704	6	Mason, Chas. D.
1651	1	Brooks, Wm. H.	1705	1	Acton, Joseph
1652	1	McDonald, J. A.	1706	3	Trodahl, H. H.
1653	1	Gebhard, F. R.	1707	7	Hormig, Wm. F.
1654	1	Stevenson, Thos.	1709	4	Talbot, A. J.
1656	2	Montgomery, W. L.	1710	4	Robinson, John W.
1659	4	Starkey, E. J.	1711	4	Reid, Wm. C.
1660	7	Mahon, J. A.	1712	4	Storey, Wm. J.
1661	2	Knapp, R. H.	1713	4	Morton, Edw. R.
1664	2	Crooker, D. M.	1714	4	Birmingham, Jas.
1667	2	Pierce, Wm. L.	1715	8	Booth, Wm. H.
1668	2	Ditzel, Henry E.	1716	1	Bennett, Chas. D.
1669	1	Watson, C. W.	1717	1	Crawford, Geo. B.
1670	1	Drury, John E.	1719	1	Donahue, Joseph
1671	7	Ashley, W. A.	1720	4	Olsen, Oscar
1672	7	Doner, James	1721	8	Hetherington, N. M.
1673	7	Brown, Claud D.	1722	3	Weaver, Geo. W.
1675	4	Mooney, Wm.	1723	1	Gibson, James
1676	9	Sullivan, N. M.	1724	3	Morgan, M. F.
1677	2	Stevenson, Wm.	1725	7	McDonald, John A.
1678	6	Lee, Iver M.	1726	1	O'Hagan, John
1679	4	Fowlie, Andrew	1727	1	Broderick, Benj.
1680	3	Taylor, Edward	1728	1	Hefferman, Jas.
1681	3	Plummer, Wm.	1729	8	Bell, Joseph C.
1682	3	McCauley, C.	1730	2	Crockett, Tyler J.
1683	7	Dorry, Benj. B.	1732	2	Sawyer, Edw. L.
1684	2	Geel, Guy G.	1733	10	Anderson, S. V.
1685	4	Massey, S. B.	1734	10	Leonard, M. A.
1687	1	Koch, Robert	1736	10	Murphy, H. A.
1688	7	Leonard, Roy M.	1737	10	Nelson, Chas. O.
1689	7	Autterson, Chas.	1738	10	Powers, John J.
1690	6	Kearns, Chas. J.	1739	10	Dunn, Chas. A.
1691	6	Brownell, Jos. A.	1740	10	Nelson, A. C.
1692	4	Stanley, Edward	1741	10	Russell, Henry

PENNANT NUMBERS 1742 TO 1842 INCLUSIVE

Pen- nant	Lodge	Name	Pen- nant	Lodge	Name
1742	10	Murphy, D. O.	1792	7	Peltier, Rob't. D.
1743	10	Stitt, Wm. J.	1793	2	Johnston, James
1744	10	Doyle, Wm. J.	1794	2	Bennett, Edw. H.
1745	10	Smith, John J.	1795	4	Thompson, Merv.
1746	10	Kinch, Geo. H.	1797	7	Judson, H. W.
1748	10	Maltby, Wm. G.	1798	10	Gibbons, Wm.
1749	10	Woods, Wm. V.	1799	10	McDonald, John
1750	10	LeBeau, Sidney	1800	10	Loveless, Fred
1753	1	O'Hagan, Hugh	1801	3	MacMillan, John
1754	1	Henley, Chas. C.	1803	4	Murney, John
1755	1	Rolseng, Iver	1804	4	Nelson, Olaf
1756	1	Holinberg, Henry	1805	4	Randolph, Geo.
1757	1	McLaren, Benj. C.	1806	4	Mulholland, Chas.
1758	1	Patterson, Rob't. C.	1807	4	Perew, Frank D.
1759	1	Hayes, W. J.	1809	1	Lucas, William
1760	1	Hefferman, T. N.	1810	1	McClinton, W. D.
1761	1	McMaugh, Archie A.	1811	1	Heaney, John C.
1762	1	Wilkinson, Rob't. B.	1812	1	Davis, Henry J.
1763	6	Mackey, Melvin	1814	1	McLeod, Dugald
1764	6	Peterson, Frank J.	1816	4	Allen, Merton G.
1765	6	Larson, Nils Ludrik	1817	1	Montgomery, Jno. A.
1766	2	Doner, Thos. F.	1818	6	Oakley, James
1767	2	Johnston, Martin	1819	6	Carus, Edward
1768	2	Brown, Chas. D.	1820	8	Hollingshead, John.
1769	11	Stewart, Mil'rd. M.	1821	4	Moore, Geo. W.
1770	11	Stewart, Jas. P.	1822	4	Weitzman, Chas. Alex. Jr.
1771	11	Galton, F. D.	1823	4	Lyons, Harry S.
1772	11	Kendall, Douglas	1826	7	Pearson, John J.
1773	11	Heminger, F. R.	1827	7	Burns, Geo. C.
1774	11	Little, Nelson T.	1829	7	Nesbit, W. Kerr.
1776	11	Kenworthy, Sam'l.	1830	7	Byers, I. Clarke
1778	11	Moore, Syl. D.	1831	7	Kariger, Frederick
1779	11	Grant, Theo.	1832	7	Honner, G. W.
1780	11	Smith, Sidney H.	1833	6	McCauley, Chas.
1781	11	Mitchell, Alvin B.	1834	2	Hayward, Geo.
1783	11	Ames, Wm. J.	1835	2	Lowes, Joseph H.
1784	3	Simons, John	1836	2	Millard, Wm. L.
1785	7	Klingler, Geo. M.	1837	8	Williamson, P. L.
1786	7	Hackett, Thos. H.	1838	8	Fehmer, Otto
1787	7	DeNike, Lee C.	1840	8	Nesbitt, Chas. J.
1789	4	Logan, John A.	1841	8	Young, Alex.
1790	1	Massey, Ches. A.	1842	8	Recor, Rob't. Jas.
1791	8	Marcero, Charles			

PENNANT NUMBERS 1843 TO 1937 INCLUSIVE

Pennant	Lodge	Name	Pennant	Lodge	Name
1843	4	Ritchie, W. S.	1892	1	Apsey, A. W.
1844	1	Clarke, Jas. M.	1893	7	Woodgrift, Chas. H.
1845	1	Chilson, W. E.	1895	7	Leland, Andrew N.
1846	1	Bennett, Dan'l. J.	1896	7	Palmer, Alfred J.
1847	8	Ingram, John H.	1897	7	Souer, Geo. J.
1848	8	Recor, Edgar O.	1899	7	MacAulay, Geo. A.
1850	8	Ratray, Wm. P.	1900	7	Stewart, Frank G.
1851	7	Huntoon, Fred A.	1901	7	Lightbody, J.
1852	7	Jagenow, Wm.	1902	8	Utley, R. Z.
1853	7	McCormick, Neil	1903	8	Beall, A. R.
1854	7	McKay, Daniel	1904	8	Mitchell, Dana R.
1855	7	Stuart, Thos. J.	1905	6	Sanders, H. L.
1856	2	Comins, Alon B.	1906	6	Jenkyn, A. M.
1857	3	McKenzie, Ken.	1907	6	Zwemer, Everett
1858	3	Post, Samuel G.	1908	6	Cartwright, Peter
1859	6	Dixon, Edw. F.	1909	3	Jaenke, Herman M.
1860	6	Olson, Samuel	1910	3	Berensten, Jacob
1861	6	Cavanaugh, J. F.	1911	10	Gamash, Frederick J.
1862	10	Baldwin, Fred.	1912	2	Sparling, Wm. C.
1863	10	Kiah, David A. Jr.	1913	1	Hoehn, Frank
1864	10	Dubrule, Eug. A.	1914	11	Warner, W. E.
1865	4	Noble, John	1915	8	Kenyon, Wm. S.
1866	4	McLeod, D. W.	1916	9	Adams, Joseph
1867	1	Abel, Wm.	1918	3	Fleming, J. H.
1868	1	Longley, Geo. R.	1917	9	Ziem, Wm. C.
1869	1	Ahern, Stephen P.	1919	8	Meno, Frank L.
1872	6	Stufflebeam, John A.	1920	7	Gleason, John F.
1873	6	McIsaac, Neil	1921	7	Smith, Wm.
1874	6	Crawford, John G.	1923	7	Tucker, Henry J.
1878	6	Hoxie, A. K.	1924	7	Hayward, E. H.
1879	6	LaFleur, Wm. H.	1926	1	Mallory, R. A.
1880	7	Williscroft, John E.	1927	1	Caulfield, Jerome J.
1881	7	Hoffman, Frank	1928	7	Hinger, B. A.
1882	7	Place, John	1929	10	Gleason, Ralph
1884	6	Hays, John C.	1930	2	Cooper, J. E.
1885	6	Evanson, Arnold	1932	6	Hansen, John H.
1886	3	Evans, Edw.	1933	6	Walle, Martin
1887	4	Holmes, A. W.	1934	6	O'Connell, Bernard
1888	4	Ogden, B. F.	1935	6	Peterson, Anth'y. M.
1889	4	Stern, Wm. H.	1936	6	Richardson, Frank
1890	10	Casey, Henry	1937	7	McGowen, Hugh L.
1891	10	Delaney, Geo. J.			

PENNANT NUMBERS 1939 TO 2039 INCLUSIVE

Pen- nant	Lodge	Name	Pen- nant	Lodge	Name
1939	7	Morrison, Roderick	1988	7	Jones, Charles A.
1940	6	Alexander, Algie	1989	6	Ericksen, Henry
1941	6	Marsh, Sidney O.	1990	8	McNeill, Walter H.
1942	6	Tulledge, Bernard F.	1991	10	Travis, Frederick
1943	6	Thorsen, Louis	1992	7	Pearson, Jay G.
1944	7	Gibson, Frank	1994	7	Ernest, Chas. W.
1945	1	Burns, James	1995	1	Morin, Thomas F.
1946	9	Holman, Henry	1996	3	Leith, Wm. R.
1947	9	Rose, Otto	1997	2	Farley, Edward J.
1948	8	Ames, Francis C.	1998	2	Krenkel, Chas. F.
1949	2	Conlin, Thos. N.	1999	2	McDonald, James E.
1950	2	Rinn, J. B.	2000	2	Langell, Leonard P.
1951	2	Foster, John	2001	8	Weaver, Jas. T.
1952	2	Smith, Alex. C.	2002	4	Dunn, Patrick M.
1953	2	Autterson, Jos. W.	2003	10	Dessert, Wm. G
1954	4	Cowie, Andrew	2004	3	Hansen, Hans
1955	9	Warner, Raymond	2005	3	Lindale, Torkel T.
1956	6	Voight, Adelbert	2006	1	Rinn, Wm.
1957	10	Stitt, James Monroe	2007	1	Ernest, Frank H.
1958	10	Stitt, Geo. P.	2009	3	Ringer, Fred H.
1959	1	Sexsmith, Sam'l.	2010	3	Morrison, Dougal
1960	8	Baird, John D.	2011	1	Wisner, Frederick E.
1961	7	Cannally, James T.	2012	1	Lavell, Nels.
1962	1	Myers, Ralph D.	2013	1	Johnson, Julius
1963	1	Heppner, Philip	2014	1	Jansen, Jacob L.
1964	7	Morse, A. R.	2016	1	McFadden, W. L.
1965	7	Ratray, Gordon	2017	1	Flanders, Willie J.
1966	10	Bryan, Wm. T. G.	2018	1	Koepper, August C.
1967	8	Lavelly, L. J.	2019	11	Galton, J. W.
1968	1	Burke, Stephen W.	2020	11	Watts, Frederic N.
1970	6	Franklin, Wm. F.	2021	1	Mayo, Charles M.
1971	7	Hackett, Francis H.	2022	2	Friley, Herman W.
1973	4	Malott, J. W.	2023	12	Gwenson, Albert
1974	3	Fischer, Robert	2024	12	Jones, Albert M.
1975	3	Eger, W. W.	2025	12	Glockle, Michael M.
1976	1	Johnson, Alfred	2027	12	Slater, Fred R.
1977	9	Cornwall, Alton W.	2028	12	Chamberlain, Wm. B.
1978	9	Millard, Ralph B.	2030	12	Fox, Henry
1979	6	Thrasher, Chas. R.	2032	12	Doherty, John E.
1980	4	Larsen, Bernard	2033	12	Miller, Einai
1981	3	Pardee, J. F.	2034	12	Brown, Harry F.
1983	6	Doyle, Patrick	2036	12	Ashby, Harry C.
1986	1	Henderson, A. O.	2037	12	Glenn, Martin E.
1987	7	Daire, David W.	2038	12	Lloyd, Walter S.
			2039	12	Murphy, Oswald

PENNANT NUMBERS 2040 TO 2139 INCLUSIVE

Pennant	Lodge	Name	Pennant	Lodge	Name
2040	12	Fleming, Patrick H.	2092	4	Nelson, Sevran
2041	12	Hay, W. E.	2093	4	Tufverson, N. P.
2042	12	Green, Chas. H.	2094	3	Campbell, Walter
2043	12	Sullivan, D. T.	2095	2	Warwick, Ernest M.
2044	12	Johnson, Henry	2096	4	McLachlan, Wm. H.
2046	12	McDougall, Thos. A.	2097	7	Atkinson, C. L.
2047	11	Atkinson, Geo. Ame.	2098	11	Townsend, Chas. A.
2048	3	Elliott, Charles A.	2099	3	Matson, Sigfred W.
2049	1	Green, Joseph M.	2100	12	Gallagher, James M.
2050	1	Van Natta, Chas. F.	2102	6	Cook, Jacob F.
2051	7	Ray, Herbert D.	2103	14	Campbell, Robert
2053	6	Palm, Edward	2104	14	Autterson, John
2055	1	Caughlin, Michael	2105	14	Hartman, Augustus
2057	4	Campbell, John	2106	14	Burk, Jos. C.
2058	4	Dodge, Wm. J.	2107	14	Brines, Jesse M.
2059	3	Crawford, J. M.	2110	14	Hamilton, Wm. L.
2060	3	Gellick, Bernard J.	2111	1	Larson, John A.
2061	3	Johnson, Geo. E.	2112	6	Miller, Christian
2063	3	Byork, Oscar C.	2113	12	Maxim, Erving
2064	12	Clegg, Harry J.	2114	12	Greene, Peter
2065	6	Rosie, William	2115	7	Dale, Hugh
2066	4	Zeland, Thomas J.	2116	4	Hughes, Joseph
2067	3	Van Velzen, H. P.	2117	4	Glen, Alexander
2068	3	Thayer, C. R.	2118	2	Trimble, George
2069	14	Finnegan, Herbert	2119	6	Coffey, Thomas J.
2070	11	Stewart, Harry W.	2120	11	Roe, Stephen J.
2071	11	Campbell, R.	2121	3	McClintock, John
2072	1	Worden, Scott B.	2122	6	Grimm, Otto C.
2073	1	Wiebe, Fred	2123	6	Thorpe, John
2074	12	Gallagher, B. J.	2127	7	Sullivan, Thos. D.
2076	10	Wood, Arthur P.	2128	1	Williams, W. W.
2078	8	Burrows, Arthur W.	2129	1	McCorkell, Wm. H.
2079	7	Sullivan, Wm. E.	2130	8	Wellhousen, H. C.
2080	7	Ellis, Claude A.	2131	4	Sturtevant, Fred C.
2081	3	Upham, Lucien B.	2132	12	Nelson, F. E.
2082	1	Hutchins, H. J.	2133	8	Piotter, Chas. L.
2084	12	England, Edward F.	2134	4	Neville, R.
2085	12	Hansen, Hans C.	2135	4	Van Buskirk, John
2086	7	Smith, Ira	2136	9	Lamb, Harry
2087	6	Hainer, Frank S.	2137	9	Slavin, James F.
2088	7	Pauls, Frederick H.	2138	4	Pringle, Walter R.
2089	6	Dixon, Edward F.	2139	4	McLachlan, Don.
2090	8	Innis, Earl C.			

PENNANT NUMBERS 2140 TO 2232 INCLUSIVE

Pennant	Lodge	Name	Pennant	Lodge	Name
2140	8	Henry, A. W.	2188	1	Phillips, James J.
2141	4	Dunn, W. R.	2189	2	Stockdale, Roy M.
2142	4	McNaughton, Roy	2190	2	Sills, Arthur
2143	10	Russell, Frank P.	2191	2	Ward, Peter
2144	7	Autterson, Chas. J.	2192	11	Warner, Clarence W.
2145	7	McDougall, Wm. P.	2193	11	Cole, F. S.
2146	7	Laughin, Geo. F.	2194	12	Ege, Gustaf
2147	7	Perreault, Albert	2195	7	Littlejohn, Wm.
2148	1	Riley, George S.	2196	7	Beauvais, Harry P.
2149	14	Jerome, Willis R.	2197	7	McDonald, Fred
2150	14	Brines, Samuel	2198	4	Moes, Wm.
2151	14	Doner, George R.	2199	4	Morrison, Wm. F.
2152	14	Chambers, David A.	2200	15	McKay, Norman
2153	14	Aitken, H. J.	2201	15	McCannel, J.
2154	3	Emersen, S. K.	2202	15	Pyette, R.
2155	3	Lancto, J. H.	2203	15	McKay, M.
2156	3	Sederland, F. A.	2204	15	McKay, Angus G.
2157	12	Cole, Martin.	2205	15	McIntyre, R.
2158	12	Elden, Otto I.	2206	15	Hogue, Archie
2159	4	Collins, Allen	2207	15	Davis, J. F.
2160	4	Wade, Fredrick J.	2208	15	Nolan, Dan
2161	4	McDonald, John J.	2209	15	McIntyre, A. B.
2162	4	Wendorf, Herman.	2210	15	Barrett, N.
2163	2	Thody, Fred W.	2211	6	Larsen, James L.
2164	14	Mussman, Abram	2212	6	Johnson, Oscar A.
2165	11	Perkins, Horace L.	2213	8	Langell, Thomas
2166	3	Anderson, Herbert E.	2215	6	Gallagher, Lester A.
2167	3	Madden, John H.	2216	3	Peterson, Martin
2168	2	Montgomery, Geo.	2217	1	Greer, Alexander
2170	6	Andrews, Andrew	2218	11	Morrison, Ed.
2171	1	Campbell, Chas.	2220	12	Burtch, Frank L.
2172	1	Delany, Wm. F.	2221	12	Gunderson, Gunvald
2173	12	Lyons, Geo. A.	2222	12	Pratt, Frank C.
2174	12	MacLeod, Andrew R.	2223	3	McGuigan, Wm.
2175	12	Seeley, Harrison D.	2224	10	Curran, John F.
2176	4	Tilden, L. S.	2225	8	Warren, Arthur W.
2177	6	Roddy, Timothy	2226	6	Kruwell, E. H.
2178	14	Alexander, Robt.	2227	6	Behm, Paul
2179	14	Albinson, Clarence R.	2228	4	McGinnis, Geo. W.
2180	12	Forbes, Arthur	2229	4	Rydholm, Carl O.
2181	12	Lewis, Frank	2230	4	Rourke, John
2183	14	Linton, Walter E.	2231	7	Pearse, Forrest F.
2184	6	Holt, Carl A.	2232	4	Pitts, Oliver
2187	1	Starkey, Mark J.			

PENNANT NUMBERS 2233 TO 2318 INCLUSIVE

Pennant	Lodge	Name	Pennant	Lodge	Name
2233	15	Cornett, Wm. E.	2276	16	Friday, Joseph
2234	15	Cornett, Daniel F.	2277	16	Friday, Harry
2235	6	Fowler, Christa C.	2278	16	McLeod, Norman J.
2236	8	Lockhart, Asa	2279	7	Parsons, Jos. W.
2237	15	McCoy, Norman J.	2280	2	Farley, E. J.
2238	15	Ostrom, Gilbert C.	2281	9	Pocock, Robert J.
2239	4	Rinn, Charles	2282	4	DeLand, W. A.
2240	9	Dagon, Dennis	2283	6	McCauley, John P.
2241	2	Jamison, Alex. W.	2284	2	Myers, George T.
2242	1	Healy, James J.	2285	16	Garriock, W.
2243	2	Lott, Edward O.	2286	16	McIver, George
2244	3	McGarity, Daniel J.	2287	12	Johns, John F.
2245	7	Sloan, Bernard J.	2288	12	Pinney, Jesse
2246	7	Burns, Patrick	2289	12	Rankin, Arthur E.
2247	4	Kane, R. L.	2290	15	Batten, A. A.
2248	15	Leaney, Harry	2291	4	Johnson, Roy E.
2249	15	Bishop, Joseph	2292	4	Culp, John W.
2250	12	Miller, Einar	2293	1	Barry, Fred
2251	12	Dyrness, Ole	2294	1	Murphy, Charles
2252	12	Hector, Fred C.	2295	1	Winter, John J.
2253	6	Petroskey, Walter	2296	1	McPherson, A. J.
2254	4	Durkee, W. W.	2297	6	Winkler, H. R.
2255	6	Kiel, Wm. Theo.	2298	14	Cahours, Edward Jr.
2256	7	Oman, Chas. H.	2299	14	Lawrence, Earl J.
2257	3	Eaton, R. C.	2300	4	Levis, George
2258	3	Risto, Ed.	2301	10	Larosee, Hector
2259	2	McMartin, Frank	2302	10	Patenaude, Armand
2260	6	Leisk, Henry A.	2303	10	Robineau, Alban
2261	4	Rattray, E. Gordon	2304	10	Groulx, Edmond Jr.
2262	4	Francis, Lawrence J.	2305	17	Burke, Roy
2263	6	VanDyke, W. H.	2306	17	Murphy, E. W.
2264	16	Bradden, John E.	2307	17	Carson, Wm.
2265	16	Gehl, Henry L.	2308	17	Madden, W. J.
2266	16	Ferguson, W. J.	2309	17	McLennan, Alex.
2267	16	Marin, Oswald P.	2310	17	German, Frank
2268	16	Morrison, Angus	2311	17	Lavigne, Wm. A.
2269	16	Richmond, U. G.	2312	17	McIntosh, John A.
2270	16	Nuttall, Wm.	2313	17	Wilson, Roland J.
2271	16	Nuttall, Robert E.	2314	17	Burke, Fred
2272	16	Nuttall, Allen S.	2315	17	Cunningham, Wm. J.
2273	16	Taylor, Wm. J.	2316	17	Burke, E. F.
2274	16	Trombly, Albert	2317	17	Jewitt, W. J.
2275	16	Fader, Alexander	2318	17	Hill, Ira D.

PENNANT NUMBERS 2319 TO 2362 INCLUSIVE

Pen- nant	Lodge	Name	Pen- nant	Lodge	Name
2319	17	Burke, David J.	2341	4	Robinson, Frank
2320	17	Hudson, Arthur A.	2342	3	Gellick, B. J.
2321	17	Hudson, J. H.	2343	6	Waterman, L. W.
2322	17	Laking, Albert E.	2344	6	Tobin, Gordon
2323	17	Legree, Joseph	2345	17	Beatty, Wilbert
2324	17	Napier, Joseph	2346	12	Carroll, Andrew
2325	17	Stalker, Malcolm	2347	7	Reilly, Wm. S.
2326	17	Nicholls, B. A.	2348	1	Harrison, Wood
2327	17	Dube, Edmond	2349	1	Williams, John E.
2328	17	Burke, B.	2350	1	Oliver, Percy
2329	15	Frewer, Geo. D.	2351	12	Ness, Martin O.
2330	15	Misner, Robt. S.	2352	10	Lago, Thomas
2331	3	Emigh, Herbert W.	2353	6	Solway, Severt A.
2332	4	McQuarrie, Donald	2354	17	Gould, C. E.
2333	15	Pearson, John P.	2355	16	McGinnis, John J.
2334	12	Ditzel, Edw. J.	2356	16	Scott, J. A.
2335	12	Bourassa, Albert	2357	16	Smith, Edward R.
2336	12	Garner, Alfred D.	2358	16	McIver, John
2337	4	Amsbary, Walter F.	2359	16	Marcellus, W. C.
2338	6	Tilley, Robert G.	2360	16	Cassivi, Josue
2339	10	Russell, Wm. R.	2361	7	MacDonald, Alex.
2340	3	Ferguson, James J.	2362	4	Le Roy, Thomas G.

OFFICERS OF SUBORDINATE LODGES.

Buffalo Lodge, No. 1: Charles D. Bennett, president; John Montgomery, first vice president; Iver Røsborg, second vice president; John B. Hall, treasurer; Edward L. Shaw, secretary; J. Coleman, chaplain; Daniel Coughlin, marshal; Fred Wiener, warden; P. O'Neil, sentinel.

Chicago Lodge, No. 3: J. F. Higgie, president; Arnold Green, first vice president; T. T. Lindale, second vice president; W. D. Hamilton, treasurer; M. F. Morgan, secretary; Thomas Higgins, marshal; E. G. Koehnert, chaplain; J. S. Henderson, sentinel; T. B. Minter, warden.

OFFICERS OF SUBORDINATE LODGES

Cleveland Lodge, No. 4: Oscar Olsen, president; W. M. Williams, first vice president; S. E. Meeker, second vice president; F. L. Leckie, treasurer; J. A. Holmes, secretary; M. G. Allen, chaplain; C. R. Cleveland, marshal; H. C. Eldridge, warden; F. Sturtevant, sentinel.

Milwaukee Lodge, No. 6: F. A. Dority, president; Peter Cartwright, vice president; Arnold Evanson, second vice president; F. C. Maxon, treasurer; John McSweeney, secretary; Harry Bennett, trustee.

Detroit Lodge, No. 7: William Yates, president; Ben Ogden, first vice president; Lee DeNike, second vice president; B. S. Baker, financial secretary and treasurer; Charles G. Merkel, recording secretary; Charles Ernest, chaplain; Harry Judson, marshal; A. J. Palmer, warden; J. C. Maddock, sentinel.

Marine City Lodge, No. 8: A. W. Burrows, president; G. W. McDonald, first vice president; G. A. Shaw, second vice president; James Taylor, treasurer; Hector Brown, financial secretary; W. H. McNeill, recording secretary; Wm. Maxwell, chaplain; A. W. Howey, marshal; L. J. Lavelly, warden; C. Van Gordon, sentinel.

Toledo Lodge, No. 9: Otto Rose, president; James McKinley, first vice president; Harry Lamb, second vice president; E. G. Ashley, secretary and treasurer; A. W. Cornwall, chaplain; N. M. Sullivan, marshal; D. R. Lynn, warden; James Slavin, sentinel.

Ogdensburg Lodge, No. 10: W. J. Stitt, president; F. P. Russell, first vice president; S. V. Anderson, second vice president; M. A. Leonard, secretary and treasurer; James Owens, chaplain; F. J. Travis, marshal; F. Loveless, warden; W. T. G. Bryon, sentinel.

Twin Ports Lodge, No. 12: M. E. Glenn, president; C. H. Green, first vice president; D. Sullivan, second vice president; Albert Swenson, secretary and treasurer; Thomas A. McDougall, chaplain; F. L. Burtch, marshal; H. C. Hansen, warden; F. Slater, sentinel.

Owen Sound Lodge, No. 15: A. B. McIntyre, president; M. McKay, first vice president; R. Pyette, second vice president; R. McIntyre, treasurer; N. McKay, secretary; George Pearson, chaplain; A. G. McKay, marshal; G. Dunn, warden; P. McKay, sentinel.

Thunder Bay Lodge, Fort William, No. 16: George Stitt, president; Angus Morrison, first vice president; Joseph Friday, second vice president; Alex. Feader, treasurer; Oswel Marin, secretary; U. Richmond, marshal; George Scegal, chaplain; Wm. Nuttall, warden; William Ferguson, sentinel.

Midland Lodge, No. 17: A. A. Hudson, president; Alex. McLennan, first vice president; Roy Burke, second vice president; W. J. Cunningham, treasurer; W. A. Lavigne, secretary; W. J. Jewitt, marshal; J. G. Gidley, chaplain; Wm. Carson, warden; J. H. Hudson, sentinel.

ENDOWMENT FUND IN 1913.

A statement from the secretary showing amounts paid into this fund during 1913 by each subordinate lodge and amounts paid in the same year to beneficiaries of the fund through subordinate lodges.

Buffalo lodge paid into the endowment fund.....	\$4,734.00
Buffalo lodge paid two death claims to beneficiaries.....	2,000.00
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Port Huron lodge paid into the endowment fund.....	\$2,434.00
Port Huron lodge paid two death claims to beneficiaries..	2,000.00
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Chicago lodge paid into the endowment fund.....	\$4,068.00
Chicago lodge paid three death claims to beneficiaries....	3,000.00
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Cleveland lodge paid into the endowment fund.....	\$7,462.00
Cleveland lodge paid twelve death claims to beneficiaries..	12,000.00
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Milwaukee lodge paid into the endowment fund.....	\$3,284.00
Milwaukee lodge paid four death claims to beneficiaries..	4,000.00
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Detroit lodge paid into the endowment fund.....	\$5,482.00
Detroit lodge paid six death claims to beneficiaries.....	6,000.00
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Marine City lodge paid into the endowment fund.....	\$1,536.00
Marine City lodge paid three death claims to beneficiaries..	3,000.00
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Toledo lodge paid into the endowment fund.....	\$1,290.00
Toledo lodge paid one death claim to beneficiary.....	1,000.00
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Ogdensburg lodge paid into the endowment fund.....	\$ 994.00
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Algonac lodge paid into the endowment fund.....	\$ 860.00
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Twin Ports lodge paid into the endowment fund.....	\$1,164.00
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St. Clair lodge paid into the endowment fund.....	\$1,122.00
St. Clair lodge paid one death claim to beneficiary.....	1,000.00
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Owen Sound lodge paid into the endowment fund.....	\$ 220.00
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MEMBERSHIP IN EACH LODGE.

Name	No. of Lodge	Good Standing
Buffalo	1	138
Port Huron	2	71
Chicago	3	116
Cleveland	4	223
Milwaukee	6	105
Detroit	7	165
Marine City	8	44
Toledo	9	38
Ogdensburg	10	32
Algonac	11	28
Twin Ports	12	36
St. Clair	14	36
Owen Sound	15	15
Total		1,047

During the year the number of members initiated was..... 102

During 1913 the number of members suspended was..... 53

During 1913 the number of members died was..... 30

Net gain in membership for 1913..... 19

REPORT OF MEMORIAL COMMITTEE.

To the Grand Lodge Ship Masters' Association of the Great Lakes:
We, your Committee, report with sincere regret that this year sorrows came not singly but in battalions.

We not only lost a large number of our beloved brothers by sickness, but in the extraordinary storm of November 9, 10 and 11, 1913, we lost a large number while following our vocation and in the midst of their strong manhood.

This should bring forcibly to our mind, Brothers, that in the midst of life we are in death, and that we, too, should not be unprepared to cross the Great Divide.

For those who are already gone, our love and regard still lives and goes out to the bereaved ones left behind to mourn for them. Let us reverently go over their names.

Members Deceased.

F. A. GOODELL
J. F. VAUGHN
A. SINCLAIR
D. McFARLANE
F. B. HIGGIE
W. H. DECKER
P. GUTCH
R. E. BYRNS
G. PHILLIPS
E. MORTON
J. L. OWEN
F. C. WATSON
W. A. BLACK
R. ROWAN
A. SOMMERS

E. A. HILL
C. R. NEY
PETER PETERSON
P. KELLEY
C. T. BRONSON
J. J. DOYLE
T. J. TYRE
A. J. HUNTOON
W. G. HARROW
J. W. WESTCOTT
ED. TORMEY
A. B. MILLER
JAMES SKELDON
C. A. HARTMAN, JR.
W. P. WHEELER

While we sympathize most sincerely with all the loved ones left behind by these brothers, and particularly those who lost their dear ones in the great storm, still we feel that their death was nobly met.

From time immemorial the traditions of the sea show us that probably none face death more fearlessly than those who go down to the sea in ships. Few lead a more active life, and few have a keener zest for life, but invariably we find, and from what we know of our deceased brothers, we are sure it was so with them, that although it is the strong man stricken down in the full glory of his manhood, still when the time comes to go, he goes to his death, not craven or skulking to the rear, but like a hero in the front of the battle, he meets the Grim Reaper half way, and can say with the poet:

Sunset and evening star,
 And one clear call for me!
And may there be no moaning of the bar,
 When I put out to sea.

But such a tide as moving seems asleep,
 Too full for sound and foam,
When that which drew from out the boundless deep
 Turns again home.

Twilight and evening bell,
 And after that the dark!
And may there be no sadness of farewell,
 When I embark.

For though from out our bourne of Time and Place
 The flood may bear me far,
I hope to see my pilot face to face
 When I have crossed the bar.

FRED J. SIMPSON
A. B. McINTYRE
NELSON T. LITTLE
ARTHUR W. BURROWS

In Memory

Of brother Ship Masters who have departed this life since the Association was organized.

John A. Archer,
D. M. Becker,
J. P. McArthur,
Thomas Collins,
I. H. Andrews,
John Nelson,
P. J. Sexton,
J. P. Hodges,
John Cotton,
H. J. Hatch,
Edward Condon,
John Condon,
Thomas Riordan
James Carlisle,
Benj. Chambers,
Henry Ellis,
John Keelin,
Robert Hayes,
Albert Meyers,
P. G. Minch,
Peter J. Kenney,
A. Muir,
A. W. Reed,
P. Ryan,
E. W. Dorsey,
E. K. Porter,
L. H. Weeks,
P. Woods,
W. E. Ladner,
H. A. Sisson,
H. B. Vosburg,
George Scott,
Thomas Maytham,
E. M. Peck,
S. Shannon,
Jno. R. Gorman,
Thos. Harbottle,
James Frasier,
Louis Guthrie,
George W. Stoddard,
Albert Meswald,
D. M. Jones,
James Webber,
Thomas Rowley,
R. E. Gain,
E. J. Purcell,
William Carlisle,
N. Robinson,
Edward Kelley,
H. C. Little,
Alexander Read,
Smith Moore,
John C. Flor,
Thomas Hackett,
Fred G. Boothman,
John Wilson,

Peter J. Girard,
Eugene Winchester,
John Cornish,
Thomas Beniteau,
Patrick Pardee,
Zach Sargisson,
Alpha Simons,
John R. Donahue,
J. B. McManus,
C. S. Geel,
W. H. Cowin,
W. S. Mack,
Byron Brown.
Lorenzo W. Cook,
Bernard Wilds.
David Critchett,
Wm. G. Turner,
Robt. Moore,
J. S. Lawton,
J. W. Farwell,
J. W. Martin,
Peter Cromley,
Thos. Cowan,
C. A. Peltier,
Thos. H. Stafford,
Wm. H. Wallace,
Daniel Jones,
James Snell,
Henry Root,
Chas. W. Black,
John N. Lundy,
John Freer,
Alvin Neal,
F. J. Cadotte,
J. B. Pierce,
James Drake,
John C. Brown,
Delos Waite,
John S. Van Rensler,
D. H. Bryant,
Peter C. Bassett,
A. A. Cox,
Joseph Nicholson,
A. Morrison,
John W. Jordan,
Wm. Young,
Fred N. La Salle,
Albert Stewart,
F. J. McCabe,
James Lawless,
John Hagan,
John Hurley,
John Leonard,
Jos. L. Munger,
J. W. Moore,
Chas. Miner,

Morton H. Place,
W. H. Larrabee,
J. D. Mullen,
James Edgecomb,
Joseph Shackett,
Thomas Walker,
Wm. Rolls,
E. Saveland,
W. H. McNelly,
James Donegan,
E. T. Hawley,
F. D. Welcome,
P. Ryan,
Wm. Cumming,
Wm. Hutcheson,
W. R. Williams,
C. T. Morley,
Thos. Richardson,
William Cavers,
Martin Johnston,
Wm. Morse,
John Buie,
M. W. Gotham,
Henry Jeffrey,
C. H. Lewis,
L. H. Waterbury,
J. C. Carry,
A. C. Reimers,
E. W. Haskins,
B. C. Gray,
D. A. McLaughlin,
Henry Berlin,
Warren Morris,
W. W. Brown,
J. R. Sinclair,
Louis Ryerse,
Wm. Dickson,
Richard Neville,
Charles Brown,
F. W. Stanton,
R. H. White,
A. P. Clinton,
Edmund Fitzgerald,
J. Harrington,
John Jenkins,
John McCarthy,
James Parsons,
W. C. Godsell,
John Coulter,
J. C. Thompson,
F. A. Chalcraft,
Maurice Barrett,
Francis Nixon,
T. H. Howland,
Wm. Shanks,
P. A. Anderson.

James Doyle,
John McNeff,
Joseph S. Parsons,
Frank Nixon,
C. M. Davis,
Henry Dawson,
Charles McCrea,
George King,
T. C. Ellis,
Daniel Wall,
C. B. Chatterton,
James W. Millen,
J. H. Green,
Harry Rodgers,
C. F. Moore,
Albert M. Gibbs,
Joseph Hulligan,
George H. Flood,
Robert Todd,
George M. Dennis,
Alex. Begg,
L. P. Goodale,
F. A. Wetmore,
Parlane McFarlane,
Thomas Jones,
W. A. Irvine,
David Curran,
Nelson Blair,
Thos. Ledden,
John Robertson,
W. S. Smith,
Henry Bennett,
S. A. Gilmore,
W. Mitchell,
Henry Bennett,
J. W. Nicholson,
S. H. Curry,
C. B. Crawford,
Alex. Clarke,
Wm. Crawford,
Dennis Driscoll,
M. Fitzgeralds,
F. E. Campbell,
J. S. Morrison,
S. A. Gilmore,
Charles Christie,
Hall Weimer,
George McLeod,
J. W. Isbester,
John Beckley,
Olof Christenson,
Charles K. Jackson,
Henry Gegoux,
Wm. Furtain,
Wm. Roach,
M. H. Murch,
C. C. Allen,

Wm. J. Leaver,
Chas. McIntosh,
Lysander Davidson,
Geo. S. Stilphen,
H. W. Blue,
J. B. Hocrath,
Geo. F. Dayton,
Ed. Smades,
Elton E. Rattray,
Henry May,
Joseph A. Calbick,
Timothy Rahill,
Geo. W. Burtis,
Thos. Delargie,
Carlton Graves,
John N. Smith,
James Leitch,
John Wright,
Geo. Pollick,
Ed. C. Copeland,
Peter McCulloch,
Wm. Mitchell,
Paul T. Weimar,
Chas. Christy,
James W. Comstock,
Paul Howell,
James Leisk,
Patrick Dowdell,
Jesse G. Hurlburt,
W. E. Rice,
J. A. Ward,
H. C. Page,
Donald McLeod,
Gust Olsen,
Geo. Du Beau,
Homer Durand,
David Girardin,
M. J. Galvin,
T. M. Hough,
Martin Niland,
John S. McNeil,
L. R. Vance,
J. A. Landfair,
Paul V. Howell,
T. A. Ellery,
Alfred Eade,
David Kelly,
T. J. Bell,
James Travis,
Andrew Peterson,
A. W. Dwelle,
Wm. McAlpine,
Thomas W. Otter,
J. C. Byers,
C. E. Little,
D. O. Bordeaux,
D. F. Cleveland,

John McNeil,
J. D. Peterson,
Joseph E. Yax,
J. A. Whiteside,
Fred Minor,
Edward Mooney,
Hugh O. Miller,
Peter Wax,
Hiram Still,
Louis Elliott,
Wm. Chamberlin,
Samuel Atwood,
Wm. W. Shaw,
Daniel McFarlane,
Peter Kilty,
Raymond Cazellis,
Jas. P. Godman,
Wm. J. Pringle,
Jas. Hogan,
Jas. A. Brown,
Geo. A. Brown,
Walter R. Brown,
John Crangle,
John McAvoy,
Samuel N. Murphy,
John Wilkinson,
Thomas Wilford,
A. A. Causley,
John McKeeghan,
H. A. Hagensen,
George E. Merritt,
Robert H. Brooks,
John Atwell,
Robert A. Lyons,
John C. Shaw,
James Bruce,
John Murray,
John A. Johnson,
John L. Grimm,
Robert J. Cowiey,
William Gerlach,
George U. Wilson,
William T. Young,
Frank Freshette,
T. J. Stephens,
I. I. Wulkie,
Nelson Little,
T. Lemay,
Peter Young,
E. B. Shay,
B. Moshier,
George McCullagh,
Wm. H. Hoffman,
D. A. Kiah,
C. E. Sayre,
A. J. Kotcher,
D. C. Carrier,
H. Shackett,

F. A. Goodell,
J. F. Vaughn,
A. Sinclair,
D. McFarlane,
F. B. Higgle,
W. H. Decker,
P. Gutch,
R. E. Byrns,
G. Phillips,
C. A. Hartman Jr.

E. Morton,
J. L. Owen,
F. C. Watson,
W. A. Black,
R. Rowan,
A. Sommers,
E. A. Hill,
C. R. Ney,
Peter Peterson,
P. Kelley,

C. T. Bronson,
J. J. Doyle,
T. J. Tyre,
A. J. Huntoon,
W. G. Harrow,
J. W. Wescott,
Ed Tormey,
A. B. Miller,
James Skeldon,
W. P. Wheeler,

ADDRESS OF GRAND PRESIDENT.

To the Members of the Grand Lodge Ship Masters' Association, in Annual Session at Washington, D. C., January 27, 1914.

Permit me to bring you greetings and good cheer. Since last we met the snows of winter have gone down into the rivers; the ice has gone out of the rivers into the Lakes; the men have gone down to the seas in ships; the storms of autumn have come; the grim reaper has taken his toll of sailors; winter has again returned and we meet here in the capital city of the greatest nation in the world to take reckoning of what we have done during the year that has passed, pay tribute to those who were with us a year ago, but are no longer among the living, turn our faces rather to the future, and on the successes and failures of the past, plan and build for a bright future and greater advancement during the year to come.

In pursuance of our general purpose as already outlined, I wish at the very outset and before thoughts of more material things crowd in upon my mind, to pay due tribute to the memory of those members who have been taken from us during the year now past. The report of the Grand Financial Secretary will show the names of all of those brothers who have been taken from us, and I want it distinctly understood that I do not slight any one of them. I wish it to be understood that as the retiring Grand President of this Association, without repeating here their names, I extend to the members of their families the sympathy of this Association and in this feeble way express for myself and the members the respect and love which is well due to the memory of the departed. I cannot pass this subject without paying special tribute to the memories of Captain Higgle and Captain Bronson. Captain Bronson preceded me as Grand President of this Association. Captain Higgle was at one time Grand Secretary. Both were in their time active in the Association and helped in their day to make it successful and to preserve and develop it into the helpful organization which we are enjoying today. May the future bring us many members like these, who are willing to work for the common good of the members of this Association.

During the past season eight of our members were lost at sea—the largest number of deaths from that cause during any season or during any one storm. The annals of the Great Lakes will always record the storm of November 9th, 1913, as the worst in history. I at least hope that nothing that the future may bring and cause to be written in history will equal in severity, loss of life and loss of property, the storm of last November. I am sure that no one of our members who fought the battle of the waves in that storm will regret his membership in this order or the assessments which he pays for the men who were lost, but that on the

other hand, his membership in this order brought him much of consolation as, he thought of the loved ones at home, he was glad to know that if misfortune did overtake him, his many brothers who were more fortunate would each contribute their mite towards keeping the fire burning and the cupboard supplied when the check from the office had been stopped.

During the past year our membership has been increased by 102 members. One new lodge has been organized, namely, No. 15, at Owen Sound, Ontario. Orders have been given to install a new lodge at Fort William, and this will be done at an early day. The lodges have on the whole been active during the past year. I have so far as possible kept in touch with the various lodges, their officers and members. I have undertaken to keep a record of the various members who were active in the Association, but have found it very difficult to get reports and information in regard to these matters, and I do not feel that I would be warranted in making formal report on the meagre information which I have been able to get. In the course of the past year I have paid personal visits to several lodges. These of necessity were those nearest my home. I would have been glad to visit every lodge had it been necessary for me to do so. On every occasion when I have paid a visit to any lodge, I have been received with the greatest courtesy, both by the officers and members; and I wish now to thank them for their attention in that regard.

Before leaving the history of the year that is past I want to say that I have not been able to do all the things which I had hoped and planned, but that I have done the best I could at all times and in every particular. I have had the help of many loyal and enthusiastic brothers and an able and efficient corps of associate officials. To all of these I am very grateful, and particularly to Captain Chas. Auttonson, Vice-President, J. A. Holmes, the Grand Financial Secretary, and to Captain Murphy, Grand Treasurer.

Having thus briefly reviewed the year that is past, I have full faith and confidence in the Grand President and the other officers who will be elected to take up the new duties, and I have but few suggestions to offer, and those which I offer are not made in the spirit of criticism of any lodge or individual, but rather as suggestions which I hope may receive attention. I believe that the lodges would do well to give more thought to making their lodge rooms attractive so that during the winter months the members could find more comfort and more enjoyment in the rooms, and in that way be more likely to attend the meetings, and more likely to meet, mingle, exchange views and become, in fact, brothers. There is no class of men who in their daily active work have so little opportunity to visit and exchange views with others engaged in similar work. The best we can do is to give a wave of the hand or a "Hello, Bill," if we happen to pass close enough in the rivers,

but when the good old winter time comes, we do have time to get together if we want to, and I know of no better place than in the lodge room, and I know of no class of men to whom could come more good from such associations, than the ship master. The experiences of the one are surely valuable to the other, and it is not only a matter of good-fellowship and a matter of enjoyment, but it is a practical business proposition that we should meet with those of our own kind and those of our own calling and profit by what our brothers can and are willing to share with us.

Of course, the Ship Masters' Directory will be published again this year. Every member knows that the Grand Lodge of this Association is maintained by the proceeds from this annual and that the proceeds come from the advertisements contained in the book. Unless the expenses of the Grand Lodge are paid in that way, I know of no other way in which they could be paid except by levying a per capita tax; none of us want that to happen. The members of the Association ought not to expect that any one of the officers or in fact all of the officers should secure all of the advertising contracts. This is a matter in which all of the members are interested and every member ought to take an active part in it. Every member of this Association knows some one with whom he maintains such relations that he could go to him and ask him to take space in the Ship Masters' Directory. Will the brothers do this? I urge and ask them to give to the new officers and to the Directory of 1914 this degree of loyal support. You owe it to yourself, your brother and to the Association.

And now, as I lay down the gavel and retire from the high office to which you have elected me, I do so with a feeling of gratitude to all the lodges and the members for the honor bestowed upon me in placing me in the office and for the loyal support given me during my incumbency. I shall always think of the past year and of my relations to this Association, with great pleasure, and if during the coming year or during the years to follow thereafter, I can be of any service to the officers or members of this Association, it will give me great satisfaction and pleasure to do so. May the next year and each year bring new and added strength to our Association and may it go on without end, doing good to the masters and their families as it has done in the past.

CAPTAIN MILLARD M. STEWART.

LIFE-SAVING STATIONS ON THE LAKES.

LAKE ONTARIO.

- Big Sandy—North side mouth of Big Sandy creek.
- Oswego—East side entrance of Oswego harbor.
- Charlotte—East side entrance of Charlotte harbor.
- Niagara—East side entrance of Niagara river.

LAKE ERIE.

- Buffalo—South side entrance of Buffalo harbor.
- Erie—North side entrance of Erie harbor.
- Ashtabula—West side of Ashtabula harbor.
- Fairport—West side entrance of Fairport harbor.
- Cleveland—West side entrance of Cleveland harbor.
- Marblehead—Point Marblehead, near quarry docks.

LAKE HURON.

- Lake View Beach—Five miles north of Ft. Gratiot light.
- Harbor Beach—Inside Harbor Beach harbor.
- Point aux Barques—Near lighthouse.
- Port Austin—About 2 miles northeast of Port Austin and about 2 miles southeast of Port Austin reef light.
- Tawas—Near lighthouse.
- Sturgeon point—Near lighthouse.
- Thunder Bay island—West side of island.
- Middle island—North end of the island.
- Hammond—Hammond's bay.
- Bois Blanc—About midway east side of island.

LAKE SUPERIOR.

- Vermilion—Ten miles west of Whitefish point.
- Crisps—Eighteen miles west of Whitefish point.
- Two Heart river—Near mouth of Two Heart river.
- Deer Park—Near mouth of Sucker river.
- Grand Marais, Mich.—West of harbor entrance.
- Marquette—Near lighthouse.
- Portage—Old Portage Lake ship canal, $\frac{3}{4}$ mile from north end, on east bank.
- Duluth—On Minnesota point, upper Duluth.

LAKE MICHIGAN.

- Beaver island—Near lighthouse.
- Charlevoix—South side of harbor entrance.
- North Manitou island—Near Pickards wharf.
- South Manitou island—Near lighthouse.
- Sleeping Bear point—Near Glen Haven.
- Point Betsie—Near lighthouse.
- Frankfort—South side entrance of harbor.

Manistee—North side entrance of harbor.
Grande Pointe au Sable—One mile south of light.
Ludington—North side entrance of harbor.
Pentwater—North side entrance of harbor.
White river—North side entrance of White Lake.
Muskegon—South side entrance of harbor, Port Sherman.
Grand Haven—North side entrance of harbor.
Holland—In the harbor, south side.
South Haven—North side entrance of harbor
Saint Joseph—In the harbor, north side.
Michigan City—East side entrance of harbor.
South Chicago—North side entrance of Calumet harbor.
Jackson Park—About 7 miles S. by E. of Chicago river light.
Old Chicago—In the harbor.
Evanston—On the Northwestern University grounds.
Kenosha—In the harbor, on Washington island.
Racine—In the harbor, adjoining light.
Milwaukee—Near entrance of harbor, south side.
Sheboygan—Entrance to harbor, north side.
Two Rivers—North side entrance of harbor.
Kewaunee—North side entrance of harbor.
Sturgeon Bay canal—Eastern entrance of canal, north side.
Baileys Harbor—On easterly side of harbor.
Plum island—Near northeast point of island, 2 miles northwest of
Pilot island light.

CANALS FROM LAKES TO ATLANTIC.

The Canadian canals, which have made it possible for a vessel drawing 14 ft. of water to reach the Atlantic from the lakes, are as follows, beginning down the St. Lawrence river: Lachine canal, $8\frac{1}{2}$ miles; Soulanges canal, 14 miles; Cornwall canal, 11 miles; Farran's Point canal, 1 mile; Rapid plat canal, 3 2-8 miles; Galops canal, 7 1-3 miles; Welland canal, $26\frac{3}{4}$ miles; total, 72 2-8 miles. The River St. Lawrence with the system of canals established on its course above Montreal, and the lakes Ontario, Erie, St. Clair, Huron and Superior, with connecting canals, afford a course of water communication extending from the Straits of Belle Isle to Port Arthur at the head of Lake Superior, a distance of 2,260 statute miles. The distance to Duluth is 2,384 miles. From the straits of Belle Isle, at the mouth of the St. Lawrence, to Montreal the distance is 986 miles. From Quebec to Montreal the distance is 160 miles. Owing to the shallowness of the waters on a portion of the river between these two places, particularly through Lake St. Peter, vessels drawing more than from 10 to 12 ft. were formerly barred from passage for the greater part of the season of navigation. In 1826 the question of deepening the channel was first definitely mooted, but it was not until 1844 that any dredging operations were begun. In that year the deepening of a new straight channel was commenced, but the scheme was abandoned in 1847. In 1851 the deepening of the present channel was begun. At that time the depth of the channel at low water was 10 ft. 6 in. By the year 1869 this depth had been increased to 20 ft., by 1882 to 25 ft., and by the close of 1888 the depth of $27\frac{1}{2}$ ft. at low water was attained for a distance of 108 miles from Montreal to a point within tidal influence. This work is now being continued by the government of Canada, which in 1888 assumed the indebtedness incurred. The channel has a minimum width of 300 ft., extending to 550 ft, at points of curvature. It is lighted and buoyed.

Montreal has by this work been placed at the head of ocean navigation and here the canal systems of the River St. Lawrence begin, overcoming the various rapids by which the river channel upward is obstructed, and giving access, through the St. Lawrence canals, the Welland canal, the great lakes and the Sault St. Marie canal to the head of Lake Superior. The difference in level between the point on the St. Lawrence near Three Rivers where tidal influence ceases and Lake Superior is about 600 ft. The total lockage (or height directly overcome by locks) from tide water to Lake Superior is 552 ft. The number of locks through

which a vessel would pass in its passage from Montreal at the head of ocean navigation, to the head of Lake Superior, is forty-seven.

It is important to note that the enlargement of the canals on the main route between Montreal and Lake Erie comprises locks of the following minimum dimensions: Length 270 ft., width 45 ft., depth of water on sills 14 ft. The length of the vessels to be accommodated is limited to 256 ft. At Farran's point in the canal of that name the lock is 800 ft. long. A similar lock is built at Iroquois on the Galops canal, the object being to pass a full tow at one lockage.

Leading particulars of the Lachine canal are as follows: Length, $8\frac{1}{2}$ statute miles; number of locks, five; dimensions of locks, 270 ft. by 45 ft.; total rise or lockage, 45 ft.; depth of water on sills at two locks, 18 ft., and at three locks, 14 ft.; average width of new canal, 150 ft. The old lift locks, 200 ft. by 45 ft., are still available with 9 ft. of water on mitre sills. The depth of the canal between locks is now adapted to vessels of 14 ft. draught. The canal consists of one channel, with two distinct system of locks, the old and the enlarged. There are two lock entrances at each end. The canal extends from the city of Montreal to the town of Lachine, overcoming the St. Louis rapids, the first of a series of rapids which bars the ascent of the river St. Lawrence.

Dimensions of the Soulanges canal are: Length of canal, 14 miles; number of locks, lift four, guard one; dimensions of locks, 280 ft. by 45 ft.; total rise on lockage, 84 ft.; depth of water on sills, 15 ft.; breadth of canal at bottom, 100 ft.; breadth of canal at water surface, 164 ft.; number of arc lights, 219 of 2,000 candle power each. The canal extends from Cascade point to Coteau landing, overcoming the Cascade rapids, Cedar rapids and Coteau rapids.

Dimensions of the Cornwall canal are: Length of canal, 11 miles; number of locks, 6; dimensions of locks, 270 ft. by 45 ft.; total rise or lockage, 48 ft.; depth of water on sills, 14 ft.; breadth of canal at bottom, 100 ft.; breadth of canal at water surface, 164 ft. The old lift locks, 200 ft. by 45 ft., are also available with 9 ft. of water on mitre sills. From the head of the Soulanges to the foot of the Cornwall canal there is a stretch through Lake St. Francis of $32\frac{3}{4}$ miles, which is being made navigable for vessels drawing 14 ft. The Cornwall canal extends past the Long Sault rapids from the town of Cornwall to Dickenson's landing.

The Farran's point, Rapide plat and Galops canals are collectively known as the Williamsburg canals. Dimensions of the Farran's point

canal are: Length of canal, one mile; number of locks, one; new lock, 800 ft. by 45 ft.; old lock, 200 ft. by 45 ft.; total rise or lockage, $3\frac{1}{2}$ ft.; depth of water on sills of new lock at ordinary water level, 14 ft.; depth of water on sills of old lock at ordinary water level, 9 ft.; breadth of canal at bottom, 90 ft.; breadth of canal at water surface, 154 ft. From the head of Cornwall canal to the foot of Farran's point canal the distance on the St. Lawrence river is 5 miles. The latter canal enables vessels ascending the river to avoid the Farran's point rapids passing the full tow at one lockage. Descending vessels run the rapids with ease and safety.

Particulars of the Rapide plat canal are as follows: Length of canal, 3 2-3 miles; number of locks, two; dimensions of locks, 270 ft. by 45 ft.; total rise or lockage, $11\frac{1}{2}$ ft.; depth of water on sills, 14 ft.; breadth of canal at bottom, 80 ft.; breadth of canal at surface of water, 152 ft. The old lift lock, 200 ft. by 45 ft., is also available with 9 ft. of water on mitre sills. From the head of Farran's point canal to the foot of Rapide plat canal there is a navigable stretch of $10\frac{1}{2}$ miles. This canal was formed to enable vessels ascending the river to pass the rapids at that place. Descending vessels run the rapids safely.

Dimensions of the Galops canal are: Length of canal, $7\frac{1}{2}$ miles; number of locks, three; dimensions of locks (two), 270 ft. by 45 ft., (one) 800 ft. by 45 ft.; total rise or lockage, $15\frac{1}{2}$ ft.; depth of water on sills, 14 ft.; breadth of canal at bottom, 80 ft.; breadth of canal at surface of water, 144 ft. From the head of Rapide plat canal to Iroquois, at the foot of the Galops canal, the St. Lawrence is navigable $4\frac{1}{2}$ miles. This canal enables vessels to overcome the rapids at Pointe aux Iroquois, Point Cardinal and the Galops.

Dimensions of the Murray canal (extending through the Isthmus of Murray, giving connection westward between the head waters of the bay of Quinte and Lake Ontario, and thus enabling vessels to avoid the open lake navigation), are: Length between eastern and western pier-heads, $5\frac{1}{2}$ miles; breadth at bottom, 80 ft.; breadth at water surface, 120 ft.; depth below lowest known lake level, 11 ft.; no locks.

The Welland canal is too well known to require extended description. Its main line runs from Port Dalhousie, Lake Ontario, to Port Colborne, Lake Erie. The Welland canal has two entrances from Lake Ontario at Port Dalhousie, one for the old and the other for the new canal. From Port Dalhousie to Allanburgh, $11\frac{3}{4}$ miles, there are two

distinct lines of canal in operation, the old line and the enlarged or new line. From Allanburgh to Port Colborne, a distance of 15 miles, there is only one channel, the old canal having been enlarged.

It is but just to state that considering its population and resources Canada has done vastly more for its waterways than has the United States. The sum of \$75,000,000 is mentioned as a conservative estimate of the money which the Dominion government spent in its canals before a dollar's worth of commerce could adequately utilize them. No commercial enterprise in the world can tell a similar story of faith and confidence in itself. The placing of 14 ft. as the maximum depth for the canals seems strange in the light of today; but it must be remembered that when the system of canals was designed it was supposed that a 14-ft. waterway would be ample for all time upon the great lakes. The depth which at that time vessel men were looking forward to upon the lakes was a uniform one of 12 ft. The great steel carrier was not even a dream then of the most daring of minds.

CHECKING UP COURSES.

By Charles A. Benham.

The following is a good and reliable method of checking up courses, when from the state of the weather or sun bearings cannot be taken, with the "polaris."

Courses On Lake Superior Using Soo River Ranges.

Iroquois Pt. to Whitefish Pt.—Port $\frac{1}{8}$ point from course on head of St. Mary's river range.

Whitefish Pt. to Copper Harbor.—Same as Bayfield Rock Range.

Eagle Harbor to Devil Island.—Starboard $\frac{1}{4}$ point from course on St. Mary's River Lower Range.

Eagle Harbor to La Pointe.—Port $\frac{5}{8}$ point from course on Pt. Aux Pins Range.

Devil Island to Duluth.—Port $\frac{1}{2}$ point from course shown on Pt. Aux Pins Range.

Devil Island to Two Harbors.—Port $\frac{3}{8}$ point from course shown on St. Mary's River lower range.

Whitefish Point to Passage Island.—Port $\frac{1}{8}$ point from course shown with Round Island Range over stern.

Whitefish Point to Battle Island.—Port $\frac{1}{8}$ point from course with Upper St. Mary's River over stern.

Whitefish Point to Pt. Au Sable.—Port $\frac{1}{2}$ point from course with Vidal Shoal over stern.

Pt. au Sable to Marquette.—Starboard $\frac{1}{8}$ point from course shown with Vidal Shoal Range over stern.

Whitefish Point to Huron Island.—Port $1\frac{1}{2}$ points from course shown with Vidal Shoal Range over stern.

Huron Island to Portage Entry.—Port $\frac{1}{4}$ point from course shown with Vidal Shoal Range over stern.

Portage Ship Canal to Devil Island.—Port $\frac{3}{8}$ point from course shown with St. Mary's River lower range over stern.

Portage Ship Canal to La Point.—Port $\frac{1}{4}$ point from course shown when heading on Pt. Au Pins Range.

Passage Island to Thunder Cap.—Port $\frac{1}{4}$ points from course shown with Vidal Shoal range over stern.

Courses On Lake Huron Using "Soo" River Ranges.

Detour to Middle Island.—Port $\frac{1}{4}$ point from course shown with Frechette Pt. range over stern.

Middle Island to Sand Beach.—Starboard $\frac{1}{8}$ point from course shown with Middle Hay lake range over stern.

Sand Beach to Lake Huron light ship.—Starboard $\frac{3}{8}$ point from course shown with Frying Pan and Pipe Island in range over stern.

Nine Mile Pt. to Presque Isle.—Starboard $\frac{1}{2}$ point from course shown heading on Bayfield Rock range.

Detour to St. Martins Reef.—Same course as steered with Vidal Shoal over stern.

St. Martin's Reef to Round Island.—Port $\frac{1}{2}$ point from course shown with Vidal Shoal over stern.

Detour to Ducks.—Port $\frac{1}{4}$ point from course shown heading on St. Mary's River Upper Range.

Ducks to Cove Island.—Starboard $\frac{1}{8}$ point from course shown when on Bayfield Rock Range.

Poes Reef to Cove Island.—Starboard $\frac{1}{8}$ point from course shown with Flower Pot and Cove Island in range ahead.

Compass Courses on Lake Michigan, Using Known Ranges.

From Pt. Betsies to Chicago.—Port $\frac{1}{2}$ point from course steered through No. 2 cut in West Neebish bound down.

From Door to Chicago.—Starboard $\frac{1}{4}$ point from course steered through No. 2 cut in West Neebish bound down.

From Gray's Reef to North Manitou.—Port $\frac{3}{8}$ point from course shown with Gray's Reef Light Vessel and White Shoal in range over stern; or starboard $\frac{1}{8}$ point from course heading on range of Chicago Water Works Crib and Chicago Pierhead.

Chicago to Pt. Betsies'—Port $\frac{3}{8}$ point from course shown with S. E., Breakwater and Chicago Water Works Crib in range over stern.

Chicago to Door.—Starboard $\frac{1}{4}$ point from range of S. E. Breakwater and Chicago Water Works Crib.

From Pt. to Milwaukee.—Starboard $\frac{1}{4}$ point from range of Gray's Reef and White Shoal.

Compass Courses On Lake Erie Using Known Ranges.

Buffalo to Erie.—Same as range of pierhead light and town clock.

Buffalo to Fairport.—Port $\frac{1}{2}$ point from above range.

Buffalo to Long Point and S. E. Shoal.—Starboard $\frac{1}{4}$ point from St. Mary's River lower range.

S. E. Shoal to Middle Gd.—Port $\frac{1}{2}$ point from course on St. Mary's River upper range.

Middle Gd. to Bar Pt. Gas Buoy.—Starboard $\frac{3}{4}$ point from Bayfield Rock range.

Bar Pt. to Toledo Light.—Port $\frac{1}{2}$ point course on Grassy Island North Channel range.

S. E. Shoal to Cleveland.—Starboard $\frac{1}{8}$ point from course on St. Mary's River upper range.

S. E. Shoal to Lorain.—Port $\frac{1}{4}$ point from course shown with Frechette range over stern.

S. E. Shoal to Cleveland.—Starboard $\frac{1}{8}$ point from course shown heading on St. Mary's River upper range.

S. E. Shoal to Erie.—Port $\frac{1}{8}$ point from course shown when on Vidal Shoal range.

S. E. Shoal to Ashtabula.—Port $\frac{3}{4}$ Pt. from course shown when on Vidal Shoal Range.

S. E. Shoal to Conneaut.—Port $\frac{5}{8}$ point from course shown when on Vidal Shoal range.

SAY YOU!

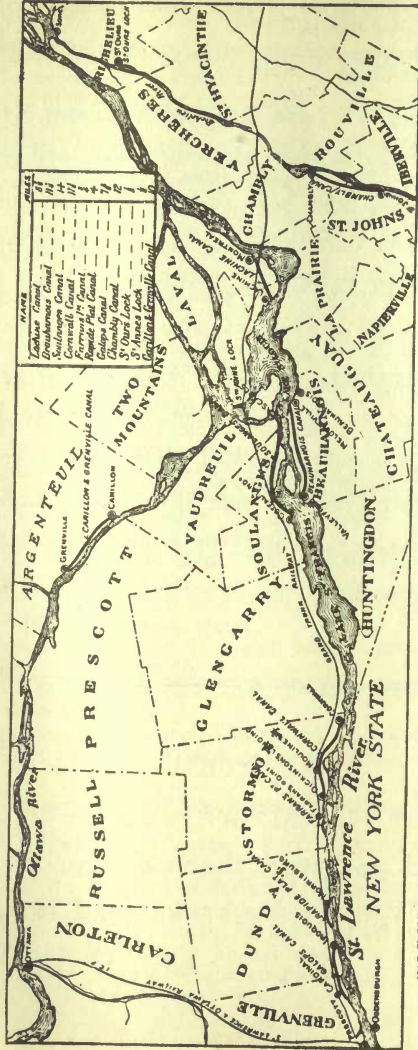
Yes,—I—M e a n—Y o u—

Did you read that preface?

You did! Well, go back and read it again.

—Mr. O. U. Advertiser

CANADA'S ST. LAWRENCE ROUTE CANALS



MAP SHOWING THE CANALS ON THE MONTREAL OTTAWA AND RICHELIEU RIVERS INCLUDING THE NEW SOULANGES CANAL AND TABLE OF DISTANCES

Between Lake Erie and the sea there are seven Dominion canals, exclusive of the Beauharnois, aggregate length is 70 1/4 miles; the number of locks is fifty-three and the total lockage (or height directly overcome by locks) is 533 feet and 3 inches. The Welland canal, which has for several years past been of 14 feet navigation, and which extends from Port Colborne on Lake Erie to Port Dalhousie on Lake Ontario, is not shown in the illustration. The general scheme of canal enlargement now completed affected all the canals. None of the locks had the required depth and none had the desired dimensions of 270 feet in length and 45 feet in width. With the completion of the Soulanges canal the desired end was accomplished.

AZIMUTHS—A Correction of Compass Courses.

(Contributed by Mr. Arthur Dovale, nautical expert, Cleveland)

The United States hydrographic office recommends the use of the azimuth tables to ascertain the error of the compass as a handy method and one that will assist in relieving the masters of vessels of great responsibility. The only book absolutely necessary for working azimuths are the "Azimuth Tables" (H. O. No. 106, price 50 cents). It is also necessary to have the equation of time and the declination, which can be found in the weekly "Notices to Mariners." These notices are distributed free of charge by the branch hydrographic offices. Better than these notices, however, for working azimuths is a copy of "The Sun's Apparent Declination and Equation of Time" (H. O. No. 118, price 10 cents), as it is good for a whole year, and also has tables for reducing standard time to local mean time. The following examples will cover all cases required on the Great Lakes:

Example No. 1.

We will say that we are off Duluth on August 4, 1901, in latitude $46^{\circ} 45' N.$, longitude $92^{\circ} 7' W.$, variation $8^{\circ} E.$ (The foregoing can all be found from a chart). Ship heading E. x N. We then take the bearing of the sun (by the same compass as we took the ship's heading) to be N. $78^{\circ} 30' E.$ and note the exact time by watch, set at say 90th meridian (central standard) time and find it to be 7h. 38m., a. m.

Time of observation	7h 38m 00s	(90th meridian)
Correction for longitude—	8 28	(from table III, H. O. No. 118)
Local mean time	7 29 32	
Equation of time	— 5 55	(from table I, H. O. No. 118)
Local apparent time	7 23 37	

From table I, (H. O. No. 118) we find that the sun's declination for August 4 is N. $17^{\circ} +$, which is of the same name as our latitude, therefore, we look for latitude 47° (as $46^{\circ} 45'$ is nearer 47° than 46°) and find it on page 107 (H. O. No. 106); then under the column marked 17° and opposite 7h 30m, we find the sun's true bearing.

	$= N. 94^{\circ} 25' E.$,	and opposite 7h 20m, we
find the sun's true bearing	$= N. 92 32 E.$	
Difference for 10 minutes	$= 1^{\circ} 53' = 60' + 53' = 113'$	
Difference for 1 minute	$= 11.3'$	
Difference for $3\frac{1}{2}$ minutes	$= 11.3' \times 3.5' = 40'$	
Sun's true bearing for 7h 20m	$= N. 92^{\circ} 32' E.$	
Correction for $3\frac{1}{2}$ minutes	$= + 40$	
Sun's true bearing for 7h 23m 37s	$= N. 93 12 E.$	
Variation	$= - 8$	Ely (See note "A")
Sun's magnetic bearing	$= N. 85 12 E.$	
Sun's compass bearing	$= N. 78 30 E.$	
Deviation for E.xN. course	$= 6^{\circ} 42' Ely$	(See note "B")

Note "A"—Since the magnetic north is 8° east of the true north, the sun's magnetic bearing must be 8° less than its true bearing.

Note "B"—Since there are a less number of degrees and minutes from the sun's bearing to the compass north than from the sun's bearing to the magnetic north, the compass north must be to the east of the magnetic north; hence the easterly deviation. Had the compass bearing of the sun been N. 92° 18' E. then the compass north would have been 7° 06' W. of the magnetic north and we would have had 7° 06' W. deviation.

EXAMPLE No. 2.

Off Cleveland, O., Dec. 31, 1901.

Latitude, 41° 30' N., longitude, 81° 40' W., variation, 2° 11' Wly.

Ship heading, S. S. W.; sun's bearing, N. 129° 36' W.; time, 3h. 20m. p. m. (90th meridian).

Time of observation.....3h 20 00s p. m.

Cor. for long.....+ 33 -20 (from table III, H. O. No. 118)

L. M. T. 3 53 20

Eq. of time— 2 57 (from table I, H. O. No. 118)

L. A. T.3h 50m 23s

From table I, (H. O. No. 118) we find that the sun's declination for Dec. 31 is S. 23°+, which is of opposite name to our latitude; therefore, we look on page 179, or 180, of H. O. No. 106, and in the column marked 23°+ at the top,

and opposite 3h 50m, we find S. T. B.=N. 128° 35'W.

" " 4h 00m, we find S. T. B.=N. 126° 49'W.

Diff. for 10 minutes	=	1° 46'	=	60'+46'=	106'
Diff. for 1 minute	=				10.6'
Diff. for 23 sec., or 2-5 minutes	=	10.6x2-5=4'			
so that we have, S. T. B. for 3h 50m	=	N. 128° 35'W.			
Cor. for 23s	=	— 4'			

S. T. B. for 3h 50m 23s	=	N. 128° 31'W.
Variation (see Note A)	—	2 11'Wly.

Sun's mag. bearing	=	N. 126° 20'W.
Sun's comp. bearing	=	N. 129° 36'W.

Dev. for course S. S. W. 3° 16'Ely.

Note "A"—Since the magnetic north is 2° 11' west of the true north, the sun's magnetic bearing must be 2° 11' less than its true bearing.

Note "B"—Since there are a greater number of degrees and minutes from the sun to the compass north, than from the sun to the magnetic north, we have easterly deviation.

BAROMETER READINGS

This table of Barometer Readings and the weather indicated is contributed by CAPT. C. W. WATSON, who says that he has used it for five years and has found that nine times out of ten it can be depended upon.

Wind Barometer Tables for the Great Lakes

Height of Barometer Lake Level	Direction of Wind	Character of Wind and Weather Indicated
29.40 to 29.60 and steady	West	Fair, slight changes in Temperature, gentle to fresh winds.
29.40 to 29.60 rising	West	Fair, cooler, fresh west to northwest winds.
29.40 to 29.60 falling	South	Warmer, increasing southerly winds.
29.60 or above falling rapidly	East to South	Warmer, rain or snow within 36 hours, increasing east to south-east winds.
29.60 or above rising rapidly	West to North	Cool and clear, quickly followed by warmer variable winds.
29.60 or above steady	Variable	No immediate change but wind will go to south inside of 36 hours.
29.40 or below falling slowly	South to East	Rain or snow, increasing easterly winds.
29.40 or below falling rapidly	South to East	Rain or snow, high easterly winds, followed within 48 hours by clearing, cooler West to northwest winds.
29.40 or below rising slowly	South to West	Clearing, colder, fresh to brisk west to northwest winds.
29.20 or below falling rapidly	South to East	Severe storm of wind and rain, wind shifting to northwest within 36 hours.
29.20 or below falling rapidly	East to North	Severe northeaster, with heavy rain or snow, and winds backing to northwest.
29.20 or below rising rapidly	Going to West	Clearing and cooler, probably cold wave in winter.

CONVERSION OF GEOGRAPHICAL OR STATUTE MILES INTO NAUTICAL OR SEA MILES.

(Prepared by Capt. Henry Leisk, Milwaukee.)

Statute Mile, 5,280 ft.; Nautical Mile, 6,080 ft.

Geographical or statute mile	Nautical or sea mile	Geographical or statute mile	Nautical or sea mile	Geographical or statute mile	Nautical or sea mile	Geographical or statute mile	Nautical or sea mile
1.00	0.868	8.00	6.947	15.00	13.026	22.00	29.105
1.25	1.085	8.25	7.164	15.25	14.243	22.25	19.322
1.50	1.302	8.50	7.381	15.50	13.460	22.50	19.539
1.75	1.519	8.75	7.598	15.75	13.677	22.75	19.756
2.00	1.736	9.00	7.815	16.00	13.894	23.00	19.973
2.25	1.953	9.25	8.032	16.25	14.111	23.25	20.190
2.50	2.171	9.50	8.250	16.50	14.328	23.50	20.407
2.75	2.388	9.75	8.467	16.75	14.546	23.75	20.625
3.00	2.605	10.00	8.684	17.00	14.763	24.00	20.842
3.25	2.822	10.25	8.901	17.25	14.980	24.25	21.059
3.50	3.039	10.50	9.118	17.50	15.197	24.50	21.276
3.75	3.256	10.75	9.335	17.75	15.414	24.75	21.493
4.00	3.473	11.00	9.552	18.00	15.631	25.00	21.710
4.25	3.690	11.25	9.769	18.25	15.848	25.25	21.927
4.50	3.907	11.50	9.986	18.50	16.065	25.50	22.144
4.75	4.125	11.75	10.203	18.75	16.282	25.75	22.361
5.00	4.342	12.00	10.421	19.00	16.500	26.00	22.578
5.25	4.559	12.25	10.638	19.25	16.717	26.25	22.796
5.50	4.776	12.50	10.855	19.50	16.934	26.50	23.013
5.75	4.993	12.75	11.072	19.75	17.151	26.75	23.230
6.00	5.210	13.00	11.289	20.00	17.368	27.00	23.447
6.25	5.427	13.25	11.506	20.25	17.585	27.25	23.664
6.50	5.644	13.50	11.723	20.50	17.802	27.50	23.881
6.75	5.861	13.75	11.940	20.75	18.019	27.75	24.098
7.00	6.078	14.00	12.157	21.00	18.236	28.00	24.315
7.25	6.296	14.25	12.375	21.25	18.453	28.25	24.532
7.50	6.513	14.50	12.592	21.50	18.671	28.50	24.750
7.75	6.730	14.75	12.809	21.75	18.888	29.00	25.184

**CONVERSION OF NAUTICAL OR SEA MILES INTO
GEOGRAPHICAL OR STATUTE MILES.**

Statute Mile, 5,280 ft.; Nautical Mile, 6,080 ft.

(Prepared by Capt. Henry Leisk, Milwaukee.)

Nautical or sea mile	Geographical or statute mile	Nautical or sea mile	Geographical or statute mile	nautical or sea mile	Geographical or statute mile	Nautical or sea mile	Geographical or statute mile
1.00	1.151	7.00	8.060	13.00	14.969	19.00	21.878
1.25	1.439	7.25	8.348	13.25	15.257	19.25	22.166
1.50	1.729	7.50	8.636	13.50	15.545	19.50	22.454
1.75	2.015	7.75	8.924	13.75	15.833	19.75	22.742
2.00	2.303	8.00	9.212	14.00	16.121	20.00	23.030
2.25	2.590	8.25	9.500	14.25	16.409	20.25	23.318
2.50	2.878	8.50	9.787	14.50	16.696	20.50	23.606
2.75	3.166	8.75	10.075	14.75	16.984	20.75	23.893
3.00	3.454	9.00	10.393	15.00	17.272	21.00	24.181
3.25	3.742	9.25	10.675	15.25	17.560	21.25	24.469
3.50	4.230	9.50	10.939	15.50	17.848	21.50	24.757
3.75	4.318	9.75	11.227	15.75	18.136	21.75	25.045
4.00	4.606	10.00	11.515	16.00	18.424	20.00	25.333
4.25	4.893	10.25	11.803	16.25	18.712	22.25	25.621
4.50	5.181	10.50	12.090	16.50	18.999	22.50	25.909
4.75	5.469	10.75	12.378	16.75	19.287	22.75	26.196
5.00	5.757	11.00	12.666	17.00	19.575	23.00	26.484
5.25	6.045	11.25	12.954	17.25	19.863	23.25	26.772
5.50	6.333	11.50	13.242	17.50	20.151	23.50	27.060
5.75	6.621	11.75	13.530	17.75	20.439	23.75	27.348
6.00	6.909	12.00	13.818	18.00	20.727	24.00	27.636
6.25	7.196	12.25	14.106	18.25	21.015	24.25	27.924
6.50	7.484	12.50	14.393	18.50	21.303	24.50	28.212
6.75	7.772	12.75	14.681	18.75	21.590	25.00	28.787

UNITED STATES HYDROGRAPHIC OFFICE.

The United States Hydrographic office, navy department, Washington, D. C., maintains branch offices on the great lakes as follows: Buffalo, Post Office Building; Sault Ste. Marie, 17 Federal Building; Duluth, 1000 Torrey Building.

Masters of vessels are invited to call on arrival in port. Nautical charts and sailing directions on hand for inspection by the shipping public. Information affecting nautical charts regularly received. Nautical inquiries are investigated and answered. "Notices to Mariners," "U. S. Light Lists," and other periodical publications are distributed. Barometers are compared. All services are free.

Captains are earnestly requested to co-operate with the branch hydrographic offices in their work of collecting and distributing information useful to lake marines, by sending to them reports of buoys adrift, lights or gas buoys not lighted, shoals, wrecks, or any other dangers to navigation.

CARRYING MEMBERS AS MATES.

The following resolution presented by Marine City Lodge was adopted by the Grand Lodge, Shipmasters' Association, at its annual meeting in Buffalo, January, 1910.

Whereas, Several members of this Association serve in the capacity of mate during the sailing season.

Therefore, Be It Resolved, That members who are masters of ships, when in need of a mate, give a member of this Association the preference when it can be done, all things being equal.

SIGNALS—DECK AND ENGINE ROOM.

Rules and regulations of the United States steamboat inspection service relating to starting, stopping and backing signals for the great lakes provide that there shall be used between the master or pilot and engineer the following code of signals, to be made by bell or whistle, namely:

1 whistle or 1 bell	Go ahead.
1 whistle or 1 bell	Stop.
2 whistles or 2 bells	Back.
3 whistles or 3 bells	Check.
4 whistles or 4 bells	Strong.
4 whistles or 4 bells	All right.

Two whistles or two bells shall always mean back, irrespective of other signals previously given.

WIND SIGNALS ON LAKE SUPERIOR.

Winds expected for the western end of Lake Superior are announced by whistle signals of the United States weather bureau.

Signals are blown daily at 10 a. m. by the whistle of elevator "E," Duluth, Minn. The Imperial Mills, Duluth, Minn., also blow these signals at 10 p. m. during the navigation season, whenever the information then at hand is of special importance to vesselmen.

Force of wind.—Light (1 to 5 miles per hour), 1 long whistle; fresh (6 to 14 miles per hour), 2 long whistles; brisk (15 to 24 miles per hour), 3 long whistles; high (25 miles and upwards per hour), 4 long whistles; north, northeast, east, 1 short whistle; southeast, south, 2 short whistles; southwest, west, northwest, 3 short whistles; variable, 4 short whistles.

Duration of whistles: Short, 2 seconds; long, 6 seconds.

Examples:—For "brisk northwest winds" there is blown first a prolonged "attention" whistle; then three long and three short whistles. For "light northeast shifting to brisk westerly winds" the "attention" whistle is blown first and then one long, one short, three long, three short.

BRIDGE SIGNALS.

Buffalo, N. Y.

Michigan and Ohio street bridges over Buffalo creek, South Michigan street bridge over City Ship (Blackwell) canal, Ohio basin slip bridge and Evans slip bridge.....3 blasts
 Hamburg turnpike and B. C. R. R. bridges, upper end of city ship (Blackwell) canal3 long, 3 short
 International bridge, Niagara river1 long
 Ferry street bridge, Black Rock harbor3 blasts
 International bridge, Black Rock harbor1 long

Tonawanda, N. Y.

Tonawanda island bridge and Tonawanda creek bridge.....3 blasts

Ashtabula, O.

Ashtabula bridges; county highway and L. S. & M. S. Ry.....1 long

Cleveland, O.

L. S. & M. S. Ry. bridge1 long 2 short
 Old River bed bridges.....1 long, 1 short, 1 long, 1 short
 Main street bridge2 long blasts
 Superior street viaduct3 long blasts
 Valley Ry. bridge and all others above it in the main river 1 long 2 short
 1 long

Lorain, O.

City bridge1 long 2 short
 N. Y. C. & St. L. Ry. bridge3 long

Toledo, O.

All bridges in main river	3 blasts
Dayton slip bridge	long short long short
Swan Creek—	
L. S. & M. S. Ry. and Perry street bridge.....	long, short, long
St. Clair street bridge	1 long 2 short
Erie street bridge	3 long
Clover Leaf Ry. bridge	3 long

Duluth, Minn.

When approaching aerial bridge over Duluth Canal.....	3 short
Interstate bridge	1 long, 1 short, 1 long
Minnesota draw, Northern Pacific bridge.....	1 long, 2 short
Wisconsin draw, Northern Pacific bridge.....	2 long, 2 short
Grassy Point bridge.....	2 short, 1 long
Lamborn Ave. bridge.....	3 short
New Duluth transfer bridge	3 long

Chicago, Ill.

Chicago Revised Code prescribes 3 short for Chicago river and branches and Calumet river. By local custom 4 short are sounded going northward only for C. & N. W. Ry. bridge at Kinzie street and for C., M. & St. P. Ry. bridge at North avenue.

Milwaukee, Wis.

In Milwaukee 3 short whistles is the general bridge signal. There is excepted from this the bridge across the Menominee river at the foot of West Water street, and also the railroad bridge about a half block east of the West Water street bridge, as well as the bridge of the Chicago & Northwestern Ry. company across the Kinnickinnic, between Kinnickinnic avenue and Clinton street. For these exceptions the signal is four short blasts. Another exception is the Point street bridge, entrance to Green Bay canal, for which the signal is two short blasts.

Green Bay, Wis.

Fox River—

Main street	2 short, 1 long
Walnut street	1 long, 2 short
Mason street	1 long, 1 short, 1 long
Railroad and East River bridges	3 long

AN ORDINANCE

Regulating the Harbor and City Bridges in the City of Toledo.

Be it Ordained by the Council of the City of Toledo, State of Ohio:

Section 1. It shall be unlawful for any person or persons to propel, or cause to be propelled, any boat on the Maumee River inside the City Limits of the City of Toledo, at a rate of speed exceeding Six Miles per hour. The provisions of this section shall not be construed as applying to passenger boats, sand-suckers or tugs. The speed of the boats herein mentioned shall not exceed Eight Miles per hour.

Section 2. It shall be unlawful for any person or persons to cause any boat to tow more than one boat at a time through any draw-bridge in the City of Toledo.

Section 3. No bridge draw shall be opened for boats that are not propelled by power, unless they are towed by a power boat.

Section 4. The provisions of Sections 1, 2 and 3 hereof shall not be construed as applying to gasoline power boats and yachts, and the provision of Section 2 hereof shall not be construed as applying to scows.

Section 5. All city bridges shall be closed to navigation from the hours of 6:30 a.m. to 7:30 a. m., and from 5 p. m. to 6 p. m.

Section 6. Any person violating any of the provisions of Section 1 or Section 2 hereof, shall be guilty of a misdemeanor, and, upon conviction thereof, shall be fined not to exceed Three Hundred Dollars.

Section 7. This ordinance shall take effect and be in force from and after the earliest period allowed by law.

Passed May 20th, 1912.

On and after July 15th, 1912, this ordinance will be enforced by order of A. W. Boardman, Director of Public Service.

A. W. BOARDMAN,
Director of Public Service.

JOHN DUNSEITH,
Supt. of Bridges.

THE COMPASS

°	POINTS	°	POINTS.	°	POINTS	°	POINTS
0 00	N	45 00	NE	90 00	E	135 00	SE
0 42		45 42		90 42		135 42	
1 24	N $\frac{1}{2}$ E	46 24	NE $\frac{1}{2}$ E	91 24	E $\frac{1}{2}$ S	136 24	SE $\frac{1}{2}$ S
2 07		47 07		92 07		137 07	
2 49	N $\frac{1}{4}$ E	47 49	NE $\frac{1}{4}$ E	92 49	E $\frac{1}{4}$ S	137 49	SE $\frac{1}{4}$ S
3 31		48 31		93 31		138 31	
4 13	N $\frac{3}{8}$ E	49 13	NE $\frac{3}{8}$ E	94 13	E $\frac{3}{8}$ S	139 13	SE $\frac{3}{8}$ S
4 55		49 55		94 55		139 55	
5 38	N $\frac{1}{2}$ E	50 38	NE $\frac{1}{2}$ E	95 38	E $\frac{1}{2}$ S	140 38	SE $\frac{1}{2}$ S
6 20		51 20		96 20		141 20	
7 02	N $\frac{5}{8}$ E	52 02	NE $\frac{5}{8}$ E	97 02	E $\frac{5}{8}$ S	142 02	SE $\frac{5}{8}$ S
7 44		52 44		97 44		142 44	
8 26	N $\frac{3}{4}$ E	53 26	NE $\frac{3}{4}$ E	98 26	E $\frac{3}{4}$ S	143 26	SE $\frac{3}{4}$ S
8 08		54 08		98 08		144 08	
8 51	N $\frac{7}{8}$ E	54 51	NE $\frac{7}{8}$ E	98 51	E $\frac{7}{8}$ S	144 51	SE $\frac{7}{8}$ S
10 33		55 33		100 33		145 33	
11 15	N x E	56 15	NE x E	101 15	E x S	146 15	SE x S
11 57		56 57		101 57		146 57	
12 39	N x E $\frac{1}{2}$ E	57 39	NE x E $\frac{1}{2}$ E	102 39	ESE $\frac{1}{2}$ E	147 39	SSE $\frac{1}{2}$ E
13 22		58 22		103 22		148 22	
14 04	N x E $\frac{1}{4}$ E	59 04	NE x E $\frac{1}{4}$ E	104 04	ESE $\frac{1}{4}$ E	149 04	SSE $\frac{1}{4}$ E
14 46		59 46		104 46		149 46	
15 28	N x E $\frac{3}{8}$ E	60 28	NE x E $\frac{3}{8}$ E	105 28	ESE $\frac{3}{8}$ E	150 28	SSE $\frac{3}{8}$ E
16 10		61 10		106 10		151 10	
16 53	N x E $\frac{1}{2}$ E	61 53	NE x E $\frac{1}{2}$ E	106 53	ESE $\frac{1}{2}$ E	151 53	SSE $\frac{1}{2}$ E
17 36		62 36		107 36		152 36	
18 17	N x E $\frac{5}{8}$ E	63 17	NE x E $\frac{5}{8}$ E	108 17	ESE $\frac{5}{8}$ E	153 17	SSE $\frac{5}{8}$ E
18 59		63 59		108 59		153 59	
19 41	N x E $\frac{3}{4}$ E	64 41	NE x E $\frac{3}{4}$ E	109 41	ESE $\frac{3}{4}$ E	154 41	SSE $\frac{3}{4}$ E
20 23		65 23		110 23		155 23	
21 06	N x E $\frac{7}{8}$ E	66 06	NE x E $\frac{7}{8}$ E	111 06	ESE $\frac{7}{8}$ E	156 06	SSE $\frac{7}{8}$ E
21 48		66 48		111 48		156 48	
22 30	NNE	67 30	ENE	112 30	ESE	157 30	SSE
23 12		68 12		113 12		158 12	
23 54	NNE $\frac{1}{2}$ E	68 54	ENE $\frac{1}{2}$ E	113 54	SE x E $\frac{1}{2}$ E	158 54	S x E $\frac{1}{2}$ E
24 37		69 37		114 37		159 37	
25 19	NNE $\frac{1}{4}$ E	70 19	ENE $\frac{1}{4}$ E	115 19	SE x E $\frac{1}{4}$ E	160 19	S x E $\frac{1}{4}$ E
26 01		71 01		116 01		161 01	
26 43	NNE $\frac{3}{8}$ E	71 43	ENE $\frac{3}{8}$ E	116 43	SE x E $\frac{3}{8}$ E	161 43	S x E $\frac{3}{8}$ E
27 25		72 25		117 25		162 25	
28 08	NNE $\frac{1}{2}$ E	73 08	ENE $\frac{1}{2}$ E	118 08	SE x E $\frac{1}{2}$ E	163 08	S x E $\frac{1}{2}$ E
28 50		73 50		118 50		163 50	
29 32	NNE $\frac{5}{8}$ E	74 32	ENE $\frac{5}{8}$ E	119 32	SE x E $\frac{5}{8}$ E	164 32	S x E $\frac{5}{8}$ E
30 14		75 14		120 14		165 14	
30 56	NNE $\frac{3}{4}$ E	75 56	ENE $\frac{3}{4}$ E	120 56	SE x E $\frac{3}{4}$ E	165 56	S x E $\frac{3}{4}$ E
31 38		76 38		121 38		166 38	
32 21	NNE $\frac{7}{8}$ E	77 21	ENE $\frac{7}{8}$ E	122 21	SE x E $\frac{7}{8}$ E	167 21	S x E $\frac{7}{8}$ E
33 03		78 03		123 03		168 03	
33 45	NE x N	78 45	E x N	123 45	SE x E	168 45	S x E
34 27		79 27		124 27		169 27	
35 09	NE $\frac{1}{2}$ N	80 09	E $\frac{1}{2}$ N	125 09	SE $\frac{1}{2}$ E	170 09	S $\frac{1}{2}$ E
35 52		80 52		125 52		170 52	
36 34	NE $\frac{3}{8}$ N	81 34	E $\frac{3}{8}$ N	126 34	SE $\frac{3}{8}$ E	171 34	S $\frac{3}{8}$ E
37 16		82 16		127 16		172 16	
37 58	NE $\frac{1}{4}$ N	82 58	E $\frac{1}{4}$ N	127 58	SE $\frac{1}{4}$ E	172 58	S $\frac{1}{4}$ E
38 40		83 40		128 40		173 40	
39 23	NE $\frac{3}{8}$ N	84 23	E $\frac{3}{8}$ N	129 23	SE $\frac{3}{8}$ E	174 23	S $\frac{3}{8}$ E
40 05		85 05		130 05		175 05	
40 47	NE $\frac{1}{2}$ N	85 47	E $\frac{1}{2}$ N	130 47	SE $\frac{1}{2}$ E	175 47	S $\frac{1}{2}$ E
41 29		86 29		131 29		176 29	
42 11	NE $\frac{5}{8}$ N	87 11	E $\frac{5}{8}$ N	132 11	SE $\frac{5}{8}$ E	177 11	S $\frac{5}{8}$ E
42 53		87 53		132 53		177 53	
43 36	NE $\frac{3}{4}$ N	88 36	E $\frac{3}{4}$ N	133 36	SE $\frac{3}{4}$ E	178 36	S $\frac{3}{4}$ E
44 18		89 18		134 18		179 18	

° /	POINTS	° /	POINTS	° /	POINTS	° /	POINTS
180 00	S	225 00	SW	270 00	W	315 00	NW
180 42		225 42		270 42		315 42	
181 24	S ½ W	226 24	SW ½ W	271 24	W ½ N	316 24	NW ½ N
182 07		227 07		272 07		317 07	
182 49	S ½ W	227 49	SW ½ W	272 49	W ½ N	317 49	NW ½ N
183 31		228 31		273 31		318 31	
184 13	S ¾ W	229 13	SW ¾ W	274 13	W ¾ N	319 13	NW ¾ N
184 55		229 55		274 55		319 55	
185 38	S ¾ W	230 38	SW ¾ W	275 38	W ¾ N	320 38	NW ¾ N
186 20		231 20		276 20		321 20	
187 02	S ¾ W	232 02	SW ¾ W	277 02	W ¾ N	322 02	NW ¾ N
187 44		232 44		277 44		322 44	
188 26	S ¾ W	233 26	SW ¾ W	278 26	W ¾ N	323 26	NW ¾ N
189 08		234 08		279 08		324 08	
189 51	S ¾ W	234 51	SW ¾ W	279 51	W ¾ N	324 51	NW ¾ N
190 33		235 33		280 33		325 33	
191 15	S x W	236 15	SW x W	281 15	W x N	326 15	NW x N
191 57		236 57		281 57		326 57	
192 39	S x W ¼ W	237 39	SW x W ¼ W	282 39	WNW ¼ W	327 39	NNW ¼ W
193 22		238 22		283 22		328 22	
194 04	S x W ½ W	239 04	SW x W ½ W	284 04	WNW ½ W	329 04	NNW ½ W
194 46		239 46		284 46		329 46	
195 28	S x W ¾ W	240 28	SW x W ¾ W	285 28	WNW ¾ W	330 28	NNW ¾ W
196 10		241 10		286 10		331 10	
196 53	S x W ¾ W	241 53	SW x W ¾ W	286 53	WNW ¾ W	331 53	NNW ¾ W
197 35		242 35		287 35		332 35	
198 17	S x W ¾ W	243 17	SW x W ¾ W	288 17	WNW ¾ W	333 17	NNW ¾ W
198 59		243 59		288 59		333 59	
199 41	S x W ¾ W	244 41	SW x W ¾ W	289 41	WNW ¾ W	334 41	NNW ¾ W
200 23		245 23		290 23		335 23	
201 06	S x W ¾ W	246 06	SW x W ¾ W	291 06	WNW ¾ W	336 06	NNW ¾ W
201 48		246 48		291 48		336 48	
202 30	SSW	247 30	WSW	292 30	WNW	337 30	NNW
203 12		248 12		293 12		338 12	
203 54	SSW ¼ W	248 54	WSW ¼ W	293 54	NW x W ¼ W	338 54	N x W ¼ W
204 37		249 37		294 37		339 37	
205 19	SSW ½ W	250 19	WSW ½ W	295 19	NW x W ½ W	340 19	N x W ½ W
206 01		251 01		296 01		341 01	
206 43	SSW ¾ W	251 43	WSW ¾ W	296 43	NW x W ¾ W	341 43	N x W ¾ W
207 25		252 25		297 25		342 25	
208 08	SSW ¾ W	253 08	WSW ¾ W	298 08	NW x W ¾ W	343 08	N x W ¾ W
208 50		253 50		298 50		343 50	
209 32	SSW ¾ W	254 32	WSW ¾ W	299 32	NW x W ¾ W	344 32	N x W ¾ W
210 14		255 14		300 14		345 14	
210 56	SSW ¾ W	255 56	WSW ¾ W	300 56	NW x W ¾ W	345 56	N x W ¾ W
211 38		256 38		301 38		346 38	
212 21	SSW ¾ W	257 21	WSW ¾ W	302 21	NW x W ¾ W	347 21	N x W ¾ W
213 03		258 03		303 03		348 03	
213 45	SW x S	258 45	W x S	303 45	NW x W	348 45	N x W
214 27		259 27		304 27		349 27	
215 09	SW ¼ S	260 09	W ¼ S	305 09	NW ¼ W	350 09	N ¼ W
215 52		260 52		305 52		350 52	
216 34	SW ½ S	261 34	W ½ S	306 34	NW ½ W	351 34	N ½ W
217 16		262 16		307 16		352 16	
217 58	SW ¾ S	262 58	W ¾ S	307 58	NW ¾ W	352 58	N ¾ W
218 40		263 40		308 40		353 40	
219 23	SW ¾ S	264 23	W ¾ S	309 23	NW ¾ W	354 23	N ¾ W
220 05		265 05		310 05		355 05	
220 47	SW ¾ S	265 47	W ¾ S	310 47	NW ¾ W	355 47	N ¾ W
221 29		266 29		311 29		356 29	
222 11	SW ¾ S	267 11	W ¾ S	312 11	NW ¾ W	357 11	N ¾ W
222 53		267 53		312 53		357 53	
223 36	SW ¾ S	268 36	W ¾ S	313 36	NW ¾ W	358 36	N ¾ W
224 18		269 18		314 18		359 18	

TABLE FOR CONVERTING COMPASS COURSES INTO DEGREES
MINUTES AND SECONDS.

(A Favor from Frank Henrich, Nautical Expert, Duluth.)

Points	Number	Degrees	Number	Points
North.	0	0	0	South.
	$\frac{1}{8}$	1 24	1 24	
	$\frac{3}{8}$	2 48	2 48	
	$\frac{1}{2}$	4 13	4 13	
	$\frac{5}{8}$	5 37	5 37	
	$\frac{3}{4}$	7 01	7 01	
	$\frac{7}{8}$	8 26	8 26	
	1	9 50	9 50	
	$\frac{1}{8}$	11 15	11 15	
	$\frac{3}{8}$	12 39	12 39	
	$\frac{1}{2}$	14 03	14 03	
	$\frac{5}{8}$	15 28	15 28	
	$\frac{3}{4}$	16 52	16 52	
	$\frac{7}{8}$	18 16	18 16	
	2	19 41	19 41	
	$\frac{1}{8}$	21 05	21 05	
$\frac{3}{8}$	22 30	22 30		
$\frac{1}{2}$	23 54	23 54		
$\frac{5}{8}$	25 18	25 18		
$\frac{3}{4}$	26 43	26 43		
$\frac{7}{8}$	28 07	28 07		
3	29 31	29 31		
$\frac{1}{8}$	30 56	30 56		
$\frac{3}{8}$	32 20	32 20		
$\frac{1}{2}$	33 45	33 45		
$\frac{5}{8}$	35 09	35 09		
$\frac{3}{4}$	36 33	36 33		
$\frac{7}{8}$	37 58	37 58		
4	39 22	39 22		
$\frac{1}{8}$	40 46	40 46		
N. by E.....N. by W.				S. by W....S. by E.
N. NE.....N. NW.				S. SW.....S. SE.
NE. by N..NW. by N.				SW. by S..SE. by S.

NE. NW.	SW. SE.
¼	¾
4	4
¼	¼
½	½
¾	¾
5	5
¼	¼
½	½
¾	¾
6	6
¼	¼
½	½
¾	¾
7	7
¼	¼
½	½
¾	¾
8	8
E. by E. W.	SW. by W. SE. by E.
¼	¾
4	4
¼	¼
½	½
¾	¾
5	5
¼	¼
½	½
¾	¾
6	6
¼	¼
½	½
¾	¾
7	7
¼	¼
½	½
¾	¾
8	8
E. NE. W. NW.	W. SW. E. SE.
¼	¾
4	4
¼	¼
½	½
¾	¾
5	5
¼	¼
½	½
¾	¾
6	6
¼	¼
½	½
¾	¾
7	7
¼	¼
½	½
¾	¾
8	8
E. by N. W. by N.	W. by S. E. by S.
¼	¾
4	4
¼	¼
½	½
¾	¾
5	5
¼	¼
½	½
¾	¾
6	6
¼	¼
½	½
¾	¾
7	7
¼	¼
½	½
¾	¾
8	8
East West.	West East
¼	¾
4	4
¼	¼
½	½
¾	¾
5	5
¼	¼
½	½
¾	¾
6	6
¼	¼
½	½
¾	¾
7	7
¼	¼
½	½
¾	¾
8	8

DRY DOCKS OF THE GREAT LAKES—DIMENSIONS, DRAUGHT OF WATER, ETC.

(From the 1913 Edition of the Blue Book of American Shipping, Copyrighted.)

PLACE	NAME OF DOCK	LENGTH		WIDTH		Depth over Sill
		On blocks	Over all	Gate	Top	
Ashtabula, O.	Great Lakes Engineering Works, graving dock	636	664	78	102	16
Bay City, Mich.	James Davidson	415	435	60	100	14½
Bay City, Mich.	James Davidson	290	315	42½	70	13
Buffalo, N. Y.	Buffalo Dry Dock Co., Dock No. 1.	454	478	58	81	16
Buffalo, N. Y.	Buffalo Dry Dock Co., Dock No. 2.	615	621	72	96	16
Buffalo, N. Y.	Buffalo Dry Dock Co., Dock No. 3.	372	379	45	65½	12½
Buffalo, N. Y.	Buffalo Dry Dock Co., Dock No. 4.	650	...	...	...	...
Chicago, Ill.	Shipowners' Dry Dock Co., No. 1.	480	500	60	84	16
Chicago, Ill.	Shipowners' Dry Dock Co., No. 2.	300	320	50	80	14
Chicago, Ill.	Shipowners' Dry Dock Co., No. 3.	160	180	40	70	10
Chicago, Ill.	Chicago Shipbuilding Co. (Calumet)	556	564	70	100	16
Cleveland, O.	American Shipbuilding Co., Dock No. 1.	536	547	58	88	13¾
Cleveland, O.	American Shipbuilding Co., Dock No. 2.	442	455	48	55	16
Cleveland, O.	American Shipbuilding Co., Dock No. 3.	340	360	48	55	17½
Collingwood, Ont.	Collingwood Shipbuilding Co., Ltd.	514	520	55	60	16½
Detroit, Mich.	Detroit Shipbuilding Co., Dock No. 1.	232	232	48	48	8
Detroit, Mich.	Detroit Shipbuilding Co., Dock No. 2.	341	368	77	91	16
Detroit, Mich.	Great Lakes Engineering Works	600	600	...	95	18
Detroit, Mich.	Walter H. Oades Marine Ry.	140	...	...	...	...
Detroit, Mich.	Walter H. Oades Marine Ry.	186	...	...	...	{ 5 fo'd 12 aft 11 feet
Duluth, Minn.	Duluth Dry Dock Co., floating dock.	...	...	...	...	16
Duluth, Minn.	N. Grignon, floating dock.	60	...	60	60	13
Grand Haven, Mich.	Mechanics Dry Dock, sectional dock.	...	...	...	...	9
Grand Haven, Mich.	T. W. Kirby, floating dock.	140	...	42	26	8
Houghton, Mich.	Joseph Croze	75	100	26	26	10
Kingston, Ont.	Davis Dry Dock Co.	180	180	31	40	9
Kingston, Ont.	Kingston Dry Dock Co.	280	300	55	79	{ 14.6 low 16 high
Lorain, O.	American Shipbuilding Co.	550	605	66	94	15
Lorain, O.	American Shipbuilding Co.	724	750	80	125	15
Manitowoc, Wis.	Manitowoc Ship Building & Dry Dock Co., graving dock	340	350	45	68	13
Manitowoc, Wis.	Manitowoc Ship Building & Dry Dock Co.	360	360	...	70	15

Milwaukee, Wis.....	Milwaukee Dry Dock Co., South Dock....	444	455	60½	85	13½
Milwaukee, Wis.....	Milwaukee Dry Dock Co., West Dock....	312	320	45	75	12
Milwaukee, Wis.....	Milwaukee Dry Dock Co., also has one floating dry dock 73 ft. long.....					
Montreal, Que.....	A. Cantlin, Canada Marine Works.....	216	216	46	90	11
Montreal, Que.....	A. Cantlin, Canada Marine Works.....	200	200	46	90	11
Ogdensburg, N.Y....	St. Lawrence Marine Ry. Co.....	300	300	24	52	16
Oswego, N. Y.....	J. H. & T. C. Goble, Ontario Dry Dock. Owen Sound Dry Dock & Ship Building Co., Ltd.....	150	165	36	50	11
Owen Sound, Ont....	British N. American Bent Chair Factory. West'n Dry Dock and Ship Bldg. Co., Ltd. Canada Transp. Lines (formerly owned by A. W. Hepburn).....	275	300	48½	63½	9
Owen Sound, Ont....	British N. American Bent Chair Factory. West'n Dry Dock and Ship Bldg. Co., Ltd. Canada Transp. Lines (formerly owned by A. W. Hepburn).....	255	300	46	120	11
Pictou, Ont.	Canada Transp. Lines (formerly owned by A. W. Hepburn).....					
Port Arthur, Ont....	Muir Brothers (3 sections).....	390	412		62	13½
Port Dalhousie, Ont.	Port Huron Ship Building Co.....	412		62		18
Port Huron, Mich....	Reid Wrecking Co., graving dock.....	234	236	41		12
Port Huron, Mich....	Manitowoc Dry Dock Co., floating dock..	178	180	38		12
Quebec, Que.....	G. T. Davie & Sons No. 1.....	120	120	35	40	10 over
Quebec, Que.....	G. T. Davie & Sons No. 2.....		322			
Quebec, Que.....	Ross & Co.....	223		41½		
Quebec, Que.....	A. Russell.....	150				10
Saginaw, Mich., E.S.	Carlin, Stickney & Cram, marine railway	130	130	29	29	9
Sandusky, O.....	The Lake Erie Dry Dock & Mill Co.....	160				8½
Sault Ste. Marie, Mich.....	Hickler Bros, marine ry., 1 000 tons cap. Rieboldt, Wolter & Co., four sets of floating dry docks, 70, 100, 150 and 215 ft. length, on blocks, respectively.....					13½ aft
Sturgeon Bay, Wis..	Hickler Bros, marine ry., 1 000 tons cap. Rieboldt, Wolter & Co., four sets of floating dry docks, 70, 100, 150 and 215 ft. length, on blocks, respectively.....					13
Superior, Wis.....	Superior Ship Building Co., Dock No. 1.	475	514	51½	52	15
Superior, Wis.....	Superior Ship Building Co., Dock No. 2.	547	620	66½	105	18
Toledo, O.....	A. Gilmore's Sons.....	230	235	37	55	9½
Toledo, O.....	Toledo Marine Ry. (James Scanes, mgr.)	102	102	32	32	10½
Toledo, O.....	The Toledo Ship Building Co., No. 1.....	480	500	52	90	14
Toledo, O.....	The Toledo Ship Building Co., No. 2.....	550	570	70½	103	14
Toronto, Ont.....	Peter Arnot.....	125	200	77½	32	10.6
Wyandotte, Mich....	Davis Boat & Car Co., marine railway..	140				12

STRENGTH OF PLAIN LAID ROPE OF THREE STRANDS.
 (From Capt. T. A. Ellery, Marysville, Mich.)

Size	Number of yarns in rope	Weight of 100 fathoms in lbs.	Breaking strain in tons		Mean, tons
			Maximum	Minimum	
12	1173	2,940	45.5	35.	40.2
11½	1077	.....	41.7	32.	36.8
11	987	.....	38.2	29.3	33.7
10½	900	.....	34.9	26.7	30.8
10	816	2,136	31.7	24.2	27.9
9½	738	.....	28.6	21.8	25.2
9	660	1,712	25.7	19.6	22.6
8½	591	.....	23.	17.5	20.2
8	522	1,379	20.4	15.5	18.
7½	459	.....	18.	13.6	15.8
7	399	.....	15.8	11.8	13.8
6½	345	.....	13.7	10.2	12.
6	294	834	11.75	8.7	10.3
5½	249	712	9.8	7.3	8.7
5	204	.....	8.2	6.1	7.2
4½	168	413	6.7	5.	5.9
4	132	.....	5.3	4.	4.7
3½	102	.....	4.1	3.2	3.7
3	75	203	3.1	2.4	2.8
2½	54	.....	2.2	1.8	2.1
2	33	.....	1.5	1.3	1.4
1¾	27	.....	1.28	1.13	1.23
1½	21	.....	.90	.86	.88
1¼	15	.....	.60	.53	.56
1	12	.....	.58	.46	.51
¾	9	.....	.51	.42	.46
½	6	.....	.28	.28	.28

STRENGTH OF CHAIN CABLE AS TESTED IN 15-FATHOM LENGTHS.

(From Capt. T. A. Ellery, Marysville, Mich.)

Size	Required Testing Strain in Tons	Weight of 100 fathoms in Pounds	Breaking Strain in Tons		Mean Strain, Tons
			Maximum	Minimum	
2¼	91½	27,216	130.3	121.8	125.9
2½	81¼	24,276	116.2	108.6	112.3
2	72	21,504	103.0	96.3	99.5
1¾	63¾	18,900	99.0	88.0	92.8
1¾	55½	16,464	85.3	65.0	74.1
1½	47½	14,196	75.0	59.5	66.5
1½	40½	12,096	65.5	54.5	59.5
1¾	34	10,164	53.6	44.4	48.5
1¼	28½	8,400	42.8	35.3	38.5
1½	22¾	6,804	33.0	27.0	29.5
1	18	5,376	27.3	22.0	24.3
¾	13¾	4,116	22.5	20.3	21.1
¾	10½	3,024	15.0	12.5	13.5
11-16	8½	2,541	12.3	10.8	11.4
¾	7	2,100	9.9	9.4	9.5
9-16	5½	1,701	.....	.....	.....
½	4½	1,344	6.3	5.9	6.0

Comparative Freight Rates—Grain per bushel, Iron Ore per gross ton.

RATE IN CENTS PER BUSHEL.	Corn, flax and rye, 56 pounds per bushel.	Wheat, 60 pounds per bushel.	Barley, 48 pounds per bushel.	Oats, 32 pounds per bushel.
EQUIVALENT IN IRON ORE PER GROSS TON.				
1	\$0 40	\$0 37 $\frac{1}{3}$	\$0 46 $\frac{2}{3}$	\$0 70
1 $\frac{1}{4}$	50	46 $\frac{2}{3}$	58 $\frac{1}{3}$	87 $\frac{1}{2}$
1 $\frac{1}{2}$	60	56	70	1 05
1 $\frac{3}{4}$	70	65 $\frac{1}{3}$	81 $\frac{2}{3}$	1 22 $\frac{1}{2}$
2	80	74 $\frac{2}{3}$	93 $\frac{1}{3}$	1 40
2 $\frac{1}{4}$	90	84	1 05	1 57 $\frac{1}{2}$
2 $\frac{1}{2}$	1 00	93 $\frac{1}{3}$	1 16 $\frac{2}{3}$	1 75
2 $\frac{3}{4}$	1 10	1 02 $\frac{2}{3}$	1 28 $\frac{1}{3}$	1 92 $\frac{1}{2}$
3	1 20	1 12	1 40	2 10
3 $\frac{1}{4}$	1 30	1 21 $\frac{1}{3}$	1 51 $\frac{2}{3}$	2 27 $\frac{1}{2}$
3 $\frac{1}{2}$	1 40	1 30 $\frac{2}{3}$	1 63 $\frac{1}{3}$	2 45
3 $\frac{3}{4}$	1 50	1 40	1 75	2 62 $\frac{1}{2}$
4	1 60	1 49 $\frac{1}{3}$	1 86 $\frac{2}{3}$	2 80
4 $\frac{1}{4}$	1 70	1 58 $\frac{2}{3}$	1 98 $\frac{1}{3}$	2 97 $\frac{1}{2}$
4 $\frac{1}{2}$	1 80	1 68	2 10	3 15
4 $\frac{3}{4}$	1 90	1 77 $\frac{1}{3}$	2 21 $\frac{2}{3}$	3 32 $\frac{1}{2}$
5	2 00	1 86 $\frac{2}{3}$	2 33 $\frac{1}{3}$	3 50
5 $\frac{1}{4}$	2 10	1 96	2 45	3 67 $\frac{1}{2}$
5 $\frac{1}{2}$	2 20	2 05 $\frac{1}{3}$	2 56 $\frac{2}{3}$	3 85
5 $\frac{3}{4}$	2 30	2 14 $\frac{2}{3}$	2 68 $\frac{1}{3}$	4 02 $\frac{1}{2}$
6	2 40	2 24	2 80	4 20
Number of bushels per gross ton.	40	37 $\frac{1}{3}$	46 $\frac{2}{3}$	70
Number of gross tons in 100 bus.	25	26 $\frac{1}{4}$	21 $\frac{3}{7}$	14 $\frac{2}{7}$

**VESSEL TIME CARD AND DISTANCE TABLE OF LAKE PORTS.
BETWEEN LAKE ERIE PORTS AND DETROIT.**

DETROIT TO	SPEED PER HOUR. (TIME IS IN HOURS AND MINUTES.)										
	MILES.	7 mi.	8 mi.	9 mi.	10 mi.	11 mi.	12 mi.	13 mi.	14 mi.	15 mi.	16 mi.
Buffalo	256	26:34	32	28:27	25:36	23:16	21:20	19:41	18:17	17:4	16
Erie	187	26:42	23:22	20:46	18:42	17	15:35	14:23	13:21	12:28	11:41
Conneaut	160	22:51	20	17:46	16	14:32	13:20	12:18	11:25	10:40	10
Ashtabula	146	20:50	18:15	16:14	14:36	13:16	12:10	11:13	10:25	9:44	9:7
Fairport	121	17:17	15:7	13:26	12:6	11	10:5	9:18	8:38	8:4	7:33
Cleveland	105	15	13:7	11:40	10:30	9:32	8:45	8:4	7:30	7	6:33
Lorain	88	12:34	11	9:46	8:48	8	7:20	6:46	6:17	5:52	5:30
Huron	78	11:8	9:45	8:40	7:48	7:5	6:30	6	5:34	5:12	4:52
Sandusky	69	9:51	8:37	7:40	6:54	6:16	5:45	5:18	4:55	4:36	4:18
Toledo	56	8	7	6:13	5:36	5:5	4:40	4:18	4	3:44	3:30

**BETWEEN DETROIT AND SAULT STE. MARIE
AND MACKINAW.**

DETROIT TO	SPEED PER HOUR. (TIME IS IN HOURS AND MINUTES.)										
	MILES.	7 mi.	8 mi.	9 mi.	10 mi.	11 mi.	12 mi.	13 mi.	14 mi.	15 mi.	16 mi.
Sault Ste. Marie	346	49:25	43:15	38:26	34:36	31:27	28:50	26:37	24:43	23:4	21:37
Mackinaw	311	44:25	38:53	34:33	31:6	28:16	25:55	23:55	22:13	20:44	19:26

BETWEEN MACKINAW AND LAKE MICHIGAN PORTS.

SPEED PER HOUR. (TIME IS IN HOURS AND MINUTES.)

MACKINAW TO	MILES.	7 mi.	8 mi.	9 mi.	10 mi.	11 mi.	12 mi.	13 mi.	14 mi.	15 mi.	16 mi.
Escanaba-----	128	18: 17	16	14: 13	12: 48	11: 38	10: 40	9: 50	9: 8	8: 32	8
Green Bay-----	198	28: 17	24: 45	22	19: 48	18	16: 30	15: 13	14: 8	13: 12	12: 22
Manitowoc-----	194	27: 42	24: 15	21: 33	19: 24	17: 38	16: 10	14: 55	13: 51	12: 56	12: 7
Sheboygan-----	214	30: 34	26: 45	23: 46	21: 24	19: 27	17: 50	16: 27	15: 17	14: 16	13: 22
Milwaukee-----	258	36: 51	32: 15	28: 40	25: 48	23: 27	21: 30	19: 50	18: 25	17: 12	16: 7
Racine-----	270	38: 34	33: 45	30	27	24: 32	22: 30	20: 46	19: 17	18	16: 52
Chicago-----	323	46: 8	40: 22	35: 53	32: 18	29: 21	26: 55	24: 50	23: 4	21: 32	20: 11
South Chicago-----	338	48: 17	42: 15	37: 33	33: 48	30: 43	28: 10	26	24: 8	22: 32	21: 7

BETWEEN SAULT STE. MARIE AND LAKE SUPERIOR PORTS.

SPEED PER HOUR. (TIME IS IN HOURS AND MINUTES.)

SAULT STE. MARIE TO	MILES.	7 mi.	8 mi.	9 mi.	10 mi.	11 mi.	12 mi.	13 mi.	14 mi.	15 mi.	16 mi.
Marquette-----	158	22: 34	19: 45	17: 33	15: 48	14: 21	13: 10	12: 9	11: 17	10: 32	9: 52
Ashland—Bayfield—Washburn-----	347	49: 34	43: 22	38: 33	34: 42	31: 32	28: 55	26: 41	24: 47	23: 8	21: 41
Ft. William—Port Arthur-----	272	38: 51	34	30: 14	27: 12	24: 43	22: 40	20: 55	19: 25	18: 8	17
Two Harbors-----	371	53	46: 22	41: 13	37: 6	33: 43	30: 55	28: 32	26: 30	24: 44	23: 11
Duluth-----	394	56: 17	49: 15	43: 46	39: 24	35: 49	32: 50	30: 18	28: 8	26: 16	24: 37

BOAT.

SPEED.
Loaded. Light.

BOAT.

SPEED.
Loaded. Light.

PILOTS' READY RECKONER.

The following table was calculated to aid pilots in ascertaining the distance a vessel on a certain course will pass an object when abeam by bearings from the course of $\frac{1}{4}$ to $7\frac{3}{4}$ points. It is calcu-

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abreast the object in an hour and twenty-five minutes (seventeen miles to run) and that the object bears two and a quarter points on the bow. Enter the table where the heading says "Difference between course and bearing $2\frac{1}{4}$ points" then follow down column to seventeen, opposite which is the figure 8, denoting the miles the vessel will be off the object when abeam.

To prove your calculation is correct and that your course is making good—that your vessel is not subject to the action of some unseen force such as current, or that your calculation as to leeway is correct, the bearing should be three points on the bow at twelve miles to run and four points on the bow at eight miles to run.

As another illustration, suppose the object bears $1\frac{1}{4}$ points on the bow at 16 miles to run the ship should clear by four miles, and to find if the vessel is making good the calculation and not drifting for any reason the bearing should be nearly 2 points on the bow at 10 miles to run and 3 points on the bow at 6 miles to run, $3\frac{1}{2}$ points on the bow at 5 miles to run and 4 points on the bow at 4 miles to run.

A bearing can be taken at every mile if necessary to ascertain how much influence wind or current has upon the vessel.

To Ascertain Leeway.

Take a bearing of some known object and as an illustration say it is one point on the bow with fifteen miles to run to bring the vessel abreast this object. This course barring leeway would bring the vessel three miles off. Upon taking your second bearing you find the object bears one and three-quarters points on the bow at ten miles to run, showing three and a half miles off. The vessel has drifted one-half mile in going five, which according to the table would be one-half point leeway. Taking a third bearing at five miles to run the object should bear three and a half points on the bow, showing four miles off. This course uncorrected would bring the vessel four and a half miles off.

BETWEEN MACKINAW AND LAKE MICHIGAN

MACKINAW TO	SPEED PER HOUR. (TIME IS IN HOURS)						
	MILES.	7 mi.	8 mi.	9 mi.	10 mi.	11 mi.	12 mi.
Escañaba.....	128	18: 17	16	14: 13	12: 48	11: 38	10: 40
Green Bay.....	198	28: 17	24: 45	22	19: 48	18	16: 30
Manitowoc.....	194	27: 42	24: 15	21: 33	19: 24	17: 38	16: 10
Sheboygan.....	214	30: 34	26: 45	23: 46	21: 24	19: 27	17: 5
Milwaukee.....	258	36: 51	32: 15	28: 40	25: 48	23: 27	21: 3
Racine.....	270	38: 34	33: 45	30	27	24: 32	22: 3
Chicago.....	323	46: 8	40: 22	35: 53	32: 18	29: 21	26: 5
South Chicago.....	338	48: 17	42: 15	37: 33	33: 48	30: 43	28: 1

BETWEEN SAULT STE. MARIE AND LAKE SUPE

SAULT STE. MARIE TO	SPEED PER HOUR. (TIME IS IN HOURS)						
	MILES	7 mi.	8 mi.	9 mi.	10 mi.	11 mi.	12
Marquette.....	158	22: 34	19: 45	17: 33	15: 48	14: 21	13
Ashland—Bayfield—Washburn.....	347	49: 34	43: 22	38: 33	34: 42	31: 32	28
Ft. William—Port Arthur.....	272	38: 51	34	30: 14	27: 12	24: 43	22
Two Harbors.....	371	53	46: 22	41: 13	37: 6	33: 43	30
Duluth.....	394	56: 17	49: 15	43: 46	39: 24	35: 49	32

BOAT.

SPEED.

Loaded. Light.

BOA.

SPEED.

Loaded. Light.

mi.	16 mi.
32	8
12	12: 22
56	12: 7
16	13: 22
12	16: 7
	18: 7
32	20: 11
32	21: 7

mi.	16 mi.
32	9: 52
3: 8	21: 41
8: 8	17
4: 44	23: 11
16: 16	24: 37

PILOTS' READY RECKONER.

The following table was calculated to aid pilots in ascertaining the distance a vessel on a certain course will pass an object when abeam by bearings from the course of $\frac{1}{4}$ to $7\frac{3}{4}$ points. It is calculated up to twenty miles.

It is also available to ascertain the leeway or current action to which the vessel is subject.

It will be noticed by the pilot that exactness depends upon his knowing the speed of his vessel and the time she is due abreast the object or his judgment as to the distance the vessel must run to bring the object abeam.

For example, suppose the vessel is a twelve mile boat and due abreast the object in an hour and twenty-five minutes (seventeen miles to run) and that the object bears two and a quarter points on the bow. Enter the table where the heading says "Difference between course and bearing $2\frac{1}{4}$ points" then follow down column to seventeen, opposite which is the figure 8, denoting the miles the vessel will be off the object when abeam.

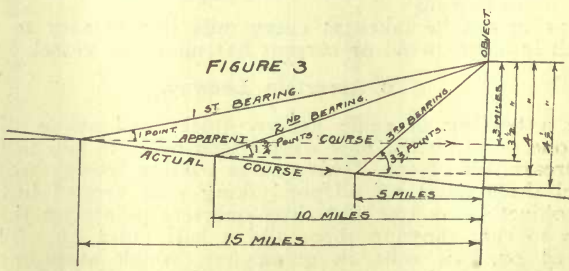
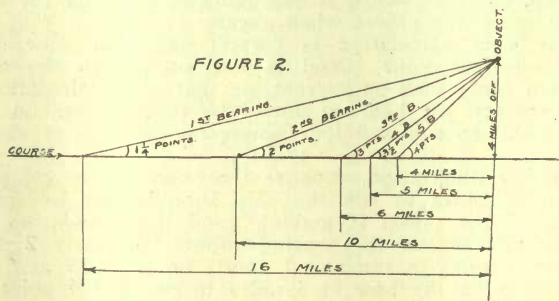
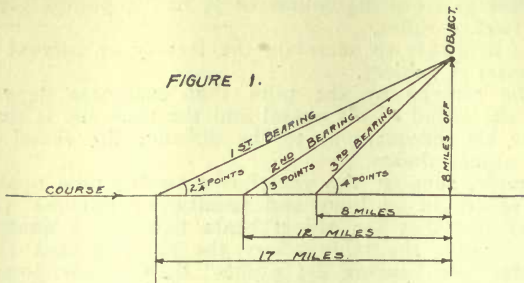
To prove your calculation is correct and that your course is making good—that your vessel is not subject to the action of some unseen force such as current, or that your calculation as to leeway is correct, the bearing should be three points on the bow at twelve miles to run and four points on the bow at eight miles to run.

As another illustration, suppose the object bears $1\frac{1}{4}$ points on the bow at 16 miles to run the ship should clear by four miles, and to find if the vessel is making good the calculation and not drifting for any reason the bearing should be nearly 2 points on the bow at 10 miles to run and 3 points on the bow at 6 miles to run, $3\frac{1}{2}$ points on the bow at 5 miles to run and 4 points on the bow at 4 miles to run.

A bearing can be taken at every mile if necessary to ascertain how much influence wind or current has upon the vessel.

To Ascertain Leeway.

Take a bearing of some known object and as an illustration say it is one point on the bow with fifteen miles to run to bring the vessel abreast this object. This course barring leeway would bring the vessel three miles off. Upon taking your second bearing you find the object bears one and three-quarters points on the bow at ten miles to run, showing three and a half miles off. The vessel has drifted one-half mile in going five, which according to the table would be one-half point leeway. Taking a third bearing at five miles to run the object should bear three and a half points on the bow, showing four miles off. This course uncorrected would bring the vessel four and a half miles off.



DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING	
$\frac{1}{4}$ POINT		$\frac{1}{2}$ POINT		$\frac{3}{4}$ POINT		1 POINT	
DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF
MILES	MILES	MILES	MILES	MILES	MILES	MILES	MILES
1	.05	1	.10	1	.15	1	.20
2	.10	2	.20	2	.30	2	.40
3	.15	3	.30	3	.45	3	.60
4	.20	4	.40	4	.60	4	.80
5	.25	5	.50	5	.75	5	1.00
6	.30	6	.60	6	.90	6	1.20
7	.35	7	.70	7	1.05	7	1.40
8	.40	8	.80	8	1.20	8	1.60
9	.45	9	.90	9	1.35	9	1.80
10	.50	10	1.00	10	1.50	10	2.00
11	.55	11	1.10	11	1.65	11	2.20
12	.60	12	1.20	12	1.80	12	2.40
13	.65	13	1.30	13	1.95	13	2.60
14	.70	14	1.40	14	2.10	14	2.80
15	.75	15	1.50	15	2.25	15	3.00
16	.80	16	1.60	16	2.40	16	3.20
17	.85	17	1.70	17	2.55	17	3.40
18	.90	18	1.80	18	2.70	18	3.60
19	.95	19	1.90	19	2.85	19	3.80
20	1.00	20	2.00	20	3.00	20	4.00

DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING	
1¼ POINTS		1½ POINTS		1¾ POINTS		2 POINTS	
DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF
MILES	MILES	MILES	MILES	MILES	MILES	MILES	MILES
1	.25	1	.30	1	.35	1	.41
2	.50	2	.60	2	.71	2	.82
3	.75	3	.91	3	1.06	3	1.23
4	1.00	4	1.21	4	1.42	4	1.65
5	1.25	5	1.51	5	1.78	5	2.06
6	1.50	6	1.82	6	2.13	6	2.47
7	1.76	7	2.12	7	2.49	7	2.88
8	2.01	8	2.42	8	2.84	8	3.30
9	2.26	9	2.73	9	3.20	9	3.71
10	2.51	10	3.03	10	3.56	10	4.12
11	2.76	11	3.33	11	3.91	11	4.53
12	3.01	12	3.64	12	4.27	12	4.95
13	3.26	13	3.94	13	4.62	13	5.36
14	3.52	14	4.24	14	4.98	14	5.77
15	3.77	15	4.55	15	5.34	15	6.18
16	4.02	16	4.85	16	5.69	16	6.60
17	4.27	17	5.15	17	6.05	17	7.01
18	4.52	18	5.45	18	6.40	18	7.42
19	4.77	19	5.75	19	6.76	19	7.83
20	5.03	20	6.06	20	7.12	20	8.25

DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING	
2¼ POINTS		2½ POINTS		2¾ POINTS		3 POINTS	
DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF
MILES	MILES	MILES	MILES	MILES	MILES	MILES	MILES
1	.5	1	.5	1	.6	1	.7
2	.9	2	1.1	2	1.2	2	1.3
3	1.4	3	1.6	3	1.8	3	2.0
4	1.9	4	2.1	4	2.4	4	2.6
5	2.3	5	2.6	5	3.0	5	3.3
6	2.8	6	3.2	6	3.6	6	4.0
7	3.3	7	3.7	7	4.1	7	4.6
8	3.8	8	4.2	8	4.7	8	5.3
9	4.2	9	4.7	9	5.3	9	6.0
10	4.7	10	5.3	10	5.9	10	6.6
11	5.2	11	5.8	11	6.5	11	7.3
12	5.7	12	6.3	12	7.1	12	8.0
13	6.1	13	6.8	13	7.7	13	8.6
14	6.6	14	7.4	14	8.3	14	9.3
15	7.1	15	7.9	15	8.9	15	10.0
16	7.5	16	8.5	16	9.5	16	10.6
17	8.0	17	9.0	17	10.1	17	11.3
18	8.5	18	9.5	18	10.7	18	12.0
19	9.0	19	10.1	19	11.3	19	12.6
20	9.4	20	10.6	20	11.9	20	13.3

DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING	
3¼ POINTS		3½ POINTS		3¾ POINTS		4 POINTS	
DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF
MILES	MILES	MILES	MILES	MILES	MILES	MILES	MILES
1	.7	1	.8	1	.9	1	1.
2	1.4	2	1.6	2	1.8	2	2.
3	2.2	3	2.4	3	2.7	3	3.
4	2.9	4	3.2	4	3.6	4	4.
5	3.7	5	4.0	5	4.5	5	5.
6	4.4	6	4.8	6	5.4	6	6.
7	5.2	7	5.6	7	6.3	7	7.
8	5.9	8	6.4	8	7.2	8	8.
9	6.6	9	7.3	9	8.1	9	9.
10	7.4	10	8.1	10	9.0	10	10.
11	8.1	11	8.9	11	9.9	11	11.
12	8.9	12	9.7	12	10.8	12	12.
13	9.6	13	10.5	13	11.7	13	13.
14	10.4	14	11.3	14	12.7	14	14.
15	11.1	15	12.2	15	13.6	15	15.
16	11.9	16	13.0	16	14.5	16	16.
17	12.6	17	13.8	17	15.4	17	17.
18	13.4	18	14.6	18	16.3	18	18.
19	14.1	19	15.4	19	17.2	19	10.
20	14.9	20	16.3	20	18.1	20	20.

DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING	
4¼ POINTS		4½ POINTS		4¾ POINTS		5 POINTS	
DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF
MILES	MILES	MILES	MILES	MILES	MILES	MILES	MILES
1	1.1	1	1.2	1	1.4	1	1.6
2	2.2	2	2.5	2	2.7	2	3.0
3	3.3	3	3.7	3	4.1	3	4.6
4	4.4	4	4.9	4	5.4	4	6.0
5	5.5	5	6.1	5	6.8	5	7.6
6	6.6	6	7.4	6	8.1	6	9.0
7	7.8	7	8.6	7	9.4	7	10.6
8	8.9	8	9.9	8	10.8	8	12.0
9	10.0	9	11.1	9	12.2	9	13.6
10	11.1	10	12.3	10	13.6	10	15.0
11	12.2	11	13.5	11	14.9	11	16.6
12	13.3	12	14.8	12	16.3	12	18.0
13	14.4	13	16.0	13	17.6	13	19.6
14	15.5	14	17.2	14	19.0	14	
15	16.6	15	18.5	15		15	
16	17.7	16	19.7	16		16	
17	18.8	17		17		17	
18	19.9	18		18		18	
19		19		19		19	
20		20		20		20	

DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING	
5¼ POINTS		5½ POINTS		5¾ POINTS		6 POINTS	
DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF
MILES	MILES	MILES	MILES	MILES	MILES	MILES	MILES
1	1.7	1	1.9	1	2.2	1	2.5
2	3.4	2	3.8	2	4.3	2	4.9
3	5.1	3	5.7	3	6.4	3	7.3
4	6.7	4	7.6	4	8.6	4	9.7
5	8.4	5	9.5	5	10.7	5	12.1
6	10.1	6	11.3	6	12.8	6	14.5
7	11.7	7	13.2	7	14.9	7	16.9
8	13.5	8	15.1	8	17.0	8	19.3
9	15.2	9	16.9	9	19.1	9	
10	16.8	10	18.8	10		10	
11	18.5	11		11		11	
12		12		12		12	
13		13		13		13	
14		14		14		14	
15		15		15		15	
16		16		16		16	
17		17		17		17	
18		18		18		18	
19		19		19		19	
20		20		20		20	

DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING	
6¼ POINTS		6½ POINTS		6¾ POINTS		7 POINTS	
DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF
MILES	MILES	MILES	MILES	MILES	MILES	MILES	MILES
1	2.8	1	3.3	1	4.	1	5.
2	5.6	2	6.6	2	8.	2	10.
3	8.4	3	9.9	3	12.	3	15.
4	11.2	4	13.2	4	15.9	4	20.
5	14.0	5	16.5	5	19.8	5	
6	16.8	6	19.7	6		6	
7	19.6	7					

DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING		DIFF. BETWEEN COURSE & BEARING	
7¼ POINTS		7½ POINTS		7¾ POINTS			
DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF	DIST. TO RUN	DIST. OFF
MILES	MILES	MILES	MILES	MILES	MILES	MILES	MILES
1	6.75	1	10.	1	20.		
2	13.50	2	20.				
3	20.00						

DETROIT RIVER POSTAL SERVICE.

REGULATIONS AS PUBLISHED BY THE POSTMASTER OF THE CITY OF DETROIT.

It will be necessary for boats desiring to receive or deliver United States mail to enter the American channel, but only at the point of delivery.

The station will be located at the foot of First street, and deliveries will be made as nearly opposite that point as possible by a launch and small boats, the service being a continuous one day and night.

When telegrams from passing vessels are handed to the marine letter carrier, the amount of money accompanying same, in addition to the cost of the message, should be sufficient to attach a 2-cent postage stamp to same.

The delivery of telegrams may be had by instructing the telegraph company to attach a 2-cent stamp to the telegram, and, for immediate delivery, the addition of a special delivery stamp.

Mail for delivery from the marine postoffice should be directed to the "Marine Postoffice, Detroit, Mich." and deliveries will be made throughout the entire period of navigation.

The signal to passing boats from the United States mail boat for delivery of mail will be one long whistle, one short whistle, one long whistle.

Signal for steam vessels wanting the mail boat to call for mail: One long whistle, one short whistle, one long whistle.

Signal for sailing vessels requiring mail boat: White flag by day, flashing bright light at night.

Signal from mail boat to large boats to check down: Three blasts of mocking bird whistle.

Signal from row boat belonging to mail boat when approaching vessels for delivery of mail: White flag in day time, swinging bright light at night.

IMPORTANT: Letters and packages will be received from passing boats by the marine carriers for registration and a receipt issued to the senders at the time, but registered letters and parcels can not be delivered to passing boats, as the necessary identification and receipts can not be had. The addressees of such letters and parcels are, however, duly notified by mail of their receipt, and that they will be held at the postoffice the usual time, subject to their order to forward or to deliver to some person ashore.

Money orders can also be procured through the marine carriers by following the instructions issued by the postmaster; if not provided with a copy of same, apply to the carrier.

RULES AND REGULATIONS

For Navigating Lower Detroit River

Approved by the Secretary of War, October 17, 1912.

Definitions. The Lower Detroit River is that portion of the Detroit River between the Mamajuda range lights and Lake Erie.

Speed under these rules shall in all cases be speed over the bottom.

These rules shall replace all rules and regulations heretofore published for navigating the Lower Detroit River.

Rule 1. No vessel of 100 gross tons or over shall navigate the Livingstone Channel at a rate of speed greater than ten statute miles per hour between its junction with the Amherstburg Channel at Ballards Reef and the Bar Point light vessel; nor the Amherstburg Channel at a rate of speed greater than twelve statute miles per hour between the south end of Bois Blanc Island and the north gas buoys at Ballards Reef, and where the width of this channel is restricted by improvements in progress, through such restricted width of channel the speed shall not exceed eight statute miles per hour.

Rule 2. Downbound freight vessels shall pass through the Livingstone Channel and enter Lake Erie via the channel west of Detroit River lighthouse. All upbound vessels shall enter Detroit River via the channel east of Detroit River lighthouse, and pass through the Amherstburg Channel.

Vessels under 100 gross tons, and vessels making local stops along these routes, are exempt from this rule.

Rule 3. Passenger vessels may use the Amherstburg Channel downbound, but should they pass down through the Livingstone Channel they shall be subject to the rules governing that channel.

Rule 4. All upbound light-draft vessels and all passenger vessels using the Amherstburg Channel shall pass through the auxiliary channel to the eastward of the improved channel at Ballards Reef. This auxiliary channel is 280 ft. wide and 14.5 ft. deep at low-water datum. The depth of water in this channel is posted in the cupola of building occupied by Duff and Gatfield, marine reporters, at Texas Dock.

Rule 5. No vessel shall pass, or approach within one-quarter mile of another vessel bound in the same direction in that portion of Livingstone Channel between its junction with the Amherstburg Channel at Ballards Reef and Bar Point light vessel; nor at any other portion of either channel where the width of channel is restricted by improvements in progress.

Tugs without tows and vessels under 100 gross tons are exempt from this rule.

Rule 6. Any vessel approaching a tug with a tow moving in the same direction may pass such tow by giving a signal indicating upon which side the vessel desires to pass, and it shall be the duty of the pilot of the tug to sheer clear of the side of the channel indicated and give the passing vessel all possible room.

Rule 7. No vessel shall anchor within the limits of either channel except in distress or under stress of weather. Any vessel so anchored shall be moved as quickly as possible to such anchorage as will leave the channel clear for the passage of vessels.

Rule 8. No vessel shall tow another through any of the improved channels unless such vessel moves the tow at least five miles per hour over the bottom; and no vessel of ten gross tons or over shall navigate the improved channels under sail power alone.

Rule 9. All vessels passing dredges, drill scows, derrick scows, or other stationary plant engaged on improvements to the channels are required to slacken their speed when given a signal by three distinct blasts of the steam whistle.

Rule 10. No vessel shall pass or attempt to pass another vessel or vessels moving in the same or opposite directions at any place in Lower Detroit River, in such a position that more than two vessels will be abreast when passing.

Rule 11. Three long blasts of the steam whistle, when sounded from a patrolling vessel, will indicate that the vessel to which such signal is given is proceeding at too high a rate of speed, and such vessel must immediately moderate her speed accordingly.

Rule 12. Four long blasts of the steam whistle, when sounded from a patrolling vessel, will indicate that the vessel to which such signal is given must stop until further orders from the patrolling vessel.

Rule 13. One long blast followed by four short blasts, when sounded from a patrolling vessel, will indicate that the vessel to which such signal is given may proceed on her course.

Rule 14. A vessel aground in or near a channel, or a vessel which from any accident is not under command, shall show from sunset to sunrise, at a height of not less than twenty feet nor more than forty feet above the hull, two lights in a vertical line one above the other and not less than six feet apart, and so fixed as to be visible to both up and downbound vessels. The upper of these lights shall be red. If the nature of the accident is such that the channel is closed, the lower of these lights shall also be red. But if the nature of the accident is such that vessels can pass in safety, the lower of these lights shall be white.

Such vessel shall not show the lights required for a vessel at anchor.

Such vessel shall, if the accident has closed the channel, sound a signal of several short and rapid blasts of the steam whistle to any approaching vessel, whereupon the approaching vessel shall stop and repeat this signal to any vessel coming up astern of her.

But if the accident has not rendered passing unsafe, such vessel shall sound a signal of three distinct blasts to any approaching vessel, whereupon the approaching vessel shall answer with the same signal of three distinct blasts and shall reduce her speed and pass with caution.

Such vessel shall in no case give or answer a passing signal without first giving several short and rapid blasts of the steam whistle.

It shall be the duty of the Master of the first vessel passing such vessel to report the place and nature of the accident to the next marine reporting station or patrol boat.

RULES AND REGULATIONS FOR NAVIGATING THE SAINT CLAIR RIVER, MICH., IN THE VICINITY OF STAG ISLAND.

The United States Government having improved the channel to the westward of Stag Island by the removal of shoals, the following regulation is promulgated by the Secretary of War in pursuance of the provisions of Section 4 of the river and harbor act of August 18, 1894, as amended by Section 11 of the river and harbor act of June 13, 1902.

All through-bound vessels in passing through the river at this point shall keep to the right, that is to say, all up-bound boats shall pass through the eastern channel and all down-bound boats through the western channel.

This rule shall only apply to through-bound vessels and not to vessels running between local points on the river, which vessels may take either channel, conforming to the ordinary rules of the road at sea.

ROBERT SHAW OLIVER,

Assistant Secretary of War.

War Department, January 8, 1907.

The following regulation governing the speed of vessels navigating the St. Clair river in front of Sarnia has been approved by both the United States and Dominion Governments:

The speed of vessels navigating the waters of St. Clair river in front of the city of Sarnia shall not exceed nine miles per hour.

The city limits of Sarnia extend from just below the international tunnel to about opposite Bay Point.

War Department Sept. 16, 1909.

The Canadian Government have concurred in the foregoing regulations for the navigation of the St. Clair River.

Penalties for Violations.

Every person and every corporation which shall violate such rules and regulations shall be deemed guilty of a misdemeanor and, on conviction thereof in any district court of the United States within whose territorial jurisdiction such offense may have been committed, shall be punished by a fine not exceeding five hundred dollars, or by imprisonment (in case of a natural person) not exceeding six months, in the discretion of the court.

REGULATIONS FOR CHICAGO HARBOR.

Ordinance passed Dec. 13th, 1909, amending Section 1016 of the Revised Municipal Code of Chicago of 1905, as follows:

Section 1016. Steam Tugs for Vessels—Penalty. All vessels, craft or floats not propelled by steam, navigating the harbor for which the opening of any bridge may be necessary, shall, while approaching and passing such bridge be towed by a steam tug. Any steam boat, vessel, craft or float propelled by steam of twelve hundred (1,200) tons gross burden or more, while navigating the portion of the Chicago River bounded by the Rush street bridge on the east, the Twelfth street bridge on the south and the Chicago avenue bridge on the north, all inclusive, shall have the assistance of a tug or tugs. It shall be unlawful for any steam boat, vessel, craft or float of twelve hundred (1,200) tons gross burden or more to back through any bridge draw in the Chicago River or the Calumet River within the limits of the City of Chicago without the assistance of a tug or tugs. Page 2139 Council Proceedings.

The mayor of Chicago has suspended this ordinance pending court decision on litigation so that it is not obligatory on a vessel master to take a tug on the Chicago river unless he thinks it necessary to do so.

RULES FOR THE SAINT MARY'S RIVER.

Rule 1. These rules shall apply to the waters of Saint Mary's River from Point Iroquois on Lake Superior to Point Detour on Lake Huron, except those waters included in the Saint Mary's Falls Canals.

Speed under these rules shall in all cases be speed over the bottom.

Rule 2. No vessel of 500 gross tons or over shall navigate the Saint Mary's River at a rate of speed greater than ten statute miles per hour between Everen's Point and the float lights in Hay Lake marking the northern end of the Middle Neebish Channel, nor between the post lights in Hay Lake and in Mud Lake marking the upper and lower ends, respectively, of the West Neebish Channel, nor between Six Mile Point Rear Light and the intersection of Cedar Point and Birch Point Ranges.

Rule 3. No vessel of 500 gross tons or over shall pass up the West Neebish Channel nor down the Middle Neebish Channel except vessels making a regular local stop on these channels and vessels bound in or out of the Saint Joseph or Lake George Channels at Harwood Point.

Rule 4. No vessel shall pass, or approach within one-quarter mile of, a vessel bound in the same direction in any of those portions of the channels where speed is restricted to ten statute miles per hour except between Bayfield Rock and the Saint Mary's Falls Canals, and, for upbound vessels only, between Vidal Shoal and Black Gas Buoy No. 3, off Brush Point.

Tugs without tows and local passenger boats under 500 gross tons are exempt from this rule.

Rule 5. Any vessel approaching a tug towing a dredge or scow moving in the same direction may pass such tow by giving a signal indicating upon which side the vessel desires to pass, and it shall be the duty of the pilot of the tug to sheer clear of the side of the channel indicated and give the vessel all possible room.

Rule 6. No vessel or raft shall anchor in any of the improved channels nor off Big Point within one-quarter mile of the waterworks intake crib, except vessels in distress or under stress of weather.

Any vessel or raft so anchored shall at once shift anchorage as directed by the Supervisor of Anchorages.

Rule 7. Vessels towing, while engaged in shortening or lengthening tow lines, or dropping or making up tows; vessels mooring or unmooring, anchoring or hoisting anchor; vessels loading or discharging stores from boats alongside; and vessels awaiting supply boats are required to haul, clear of the range when possible and to permit the unobstructed passage of other vessels.

Rule 8. No vessel is allowed to tow more than one vessel through any of the improved channels unless the vessel moves the

tow at least five miles per hour over the bottom; and no vessel of ten gross or over shall navigate the improved channels under sail power alone.

Rule 9. Every upbound vessel shall, when abreast of Everen's Point, sound a ten-second blast of the steam whistle, which shall be answered by any descending vessel between Dark Hole Gas Buoy and Johnston Point.

Every vessel bound down the Middle Neebish Channel shall, when abreast of Dark Hole Gas Buoy, sound a ten-second blast of the steam whistle, which shall be answered by a like blast from any upbound vessel between Everen's Point and Johnston's Point

Immediately after such exchange of signals the passing signals shall be exchanged.

Masters are cautioned not to sound the ten-second blast required by this rule before reaching the points named.

Rule 10. All vessels passing dredges and other vessels engaged on improvements to the channels are required to slacken their speed upon such dredge or vessel giving the signal of three distinct blasts of the steam whistle.

Rule 11. No vessel shall pass or attempt to pass another vessel or vessels moving in the same direction in such a position that more than two vessels will be abreast when passing.

Rule 12. Rafts are required to use the Old or Lake George Channel. When lying by they shall be moored clear of the channel. From Harwood Point to Mud Lake Crib Gas Buoy they will move only when and as directed by the Supervisor of Anchorages.

Rafts originating in Hay Lake shall be moved only at such times and under such conditions as the Supervisor of Anchorages may direct.

Rule 13. A vessel aground in or near a channel, or a vessel which from any accident is not under command, shall show from sunset to sunrise, at a height of not less than twenty feet nor more than forty feet above the hull, two lights in a vertical line one above the other and not less than six feet apart and so fixed as to be visible to both up and down bound vessels. The upper of these lights shall be red. If the nature of the accident is such that the channel is closed, the lower of these lights shall be red. But if the nature of the accident is such that vessels can pass in safety, the lower of these lights shall be white.

Such vessel shall not show the lights required for a vessel at anchor.

Such vessel shall, if the accident has closed the channel, sound a signal of several short and rapid blasts of the steam whistle to any approaching vessel, whereupon the approaching vessel shall stop and shall repeat this signal to any vessel coming up astern of her.

But if the accident has not rendered passing unsafe, such vessel may sound a signal of three distinct blasts to any approaching vessel, whereupon the approaching vessel shall answer with the same signal of three distinct blasts and shall reduce her speed and pass with caution.

Such vessel shall in no case give or answer a passing signal without first giving several short and rapid blasts of the steam whistle.

And it shall be the duty of the master of the first vessel passing such vessel to report the place and nature of the accident to the next lookout station, canal office, or patrol boat.

Rule 14. Whenever vessels collect in any part of the river by reason of fog, smoke, ice, or the obstruction of any of the channels, the Supervisor of Anchorages shall direct and control their anchorage and their movements through such channels as the Engineer in charge of the improvements of the Saint Mary's River may declare open and under such restrictions as to order, speed, and towage as the Engineer in charge of the improvements in the Saint Mary's River may deem necessary to facilitate and expedite the passage of commerce. Regular scheduled boats carrying passengers or mails may be advanced in order and any vessel not ready to move when directed will lose her position. All vessels are required to yield prompt and implicit obedience to the directions of the Supervisor of Anchorages.

Rule 15. The patrolling vessels of the United States Revenue-Cutter Service shall have the right of way over all other vessels.

Rule 16. Signals will be used by patrol vessels as follows:

One long blast of the steam whistle followed by one short blast calls attention of nearest patrol boat or lookout station. This signal will also be used by any vessel that wishes to speak to a patrol boat.

Three long blasts of the steam whistle will indicate that the nearest moving vessel is proceeding at too high a rate of speed, and such vessel will at once reduce her speed.

Four long blasts of the steam whistle will indicate that the nearest moving vessel must stop until further orders.

Rule 17. Day and night signals will be displayed from the signal pole at Lookout Station No. 1, Johnson's Point, as follows:

One red light by night or one red ball by day will indicate that the depth of water in the channel is below the normal, and the master of any vessel the draft of which approximates the normal depth will ascertain the depth of water existing in the channel before attempting its passage.

Two red lights by night or two red balls by day will indicate that the channel is closed to upbound vessels, and all such vessels will anchor in the order of their arrival, unless otherwise directed by the patrol boat, on the west side of the ranges from the Mill

dock to Everen's Point and on the east side of the sailing lines in Mud Lake below Mud Lake Crib Gas Buoy, and will so remain anchored as long as these signals are displayed.

Rule 18. The signal of two red lights by night or two red balls by day may be used by the patrol boats or by lookout stations other than No. 1 to signify that vessels approaching a blockaded channel must anchor where designated and so remain anchored until further instructed by a patrol boat.

Rule 19. A white light hoisted on the flagstaff of any lookout station by night or a white flag or ball hoisted under the ensign by day will signify that the lookout has instructions for passing vessels.

Rule 20. The foregoing rules shall not apply to motor boats as defined under the act of Congress approved June 9, 1910, or to sail vessels under ten gross tons.

Rule 21. In all cases where the foregoing rules are not applicable the attention of masters is directed to the Pilot Rules for the Great Lakes and their Connecting and Tributary Waters.

Complaints arising under these rules should be addressed to the "Supervisor of Anchorages, Sault Sainte Marie, Michigan."

Appeals from the assessments of fines will be accompanied by sworn statements in duplicate. They will be addressed to "The Honorable, The Secretary of Commerce and Labor," and must be forwarded through the collector of customs that assessed the fine.

These rules will take effect April 15th, 1911.

BENJ. S. CABLE,
Acting Secretary.

Rules and Regulations in case of obstructions to commerce in St. Mary's River, Michigan, prescribed by the Secretary of War Jan. 9, 1907.

Under authority of Section 4 of the River and Harbor act of August 18, 1894, as amended by Section 11 of the River and Harbor act of June 13, 1902, the following rules and regulations in case of obstructions to commerce in the St. Mary's River, Michigan, are hereby prescribed:

Whenever any boat, vessel, raft, or other water craft, shall, by reason of grounding, becoming fast in ice, or any other cause, endanger, or obstruct, the free passage of vessels, the Engineer Officer in charge of the improvement of St. Mary's River, Michigan, or his duly accredited representative, is hereby authorized to take immediate charge with full power to stop all vessels and direct their anchorage; to clear a channel; to designate the order in which all vessels shall proceed after the channel is opened; and to do all other things necessary and proper to facilitate and expedite the passage of commerce.

While in the performance of this duty all orders of the Engineer Officer, or his agent, shall be obeyed, and any violation of such orders will be considered a misdemeanor punishable by a fine not exceed-

ing five hundred dollars, or by imprisonment (in the case of a natural person) not exceeding six months, in the discretion of the court, as provided in the aforesaid law.

SCHEDULE OF RUNNING TIME ST. MARY'S RIVER

	Distance Miles	Time Minutes
Everens Pt. to Encampment Crib.....	0.8	5
Encampment Crib to Dark Hole turn.....	1.6	10
Dark Hole turn to Harwood Pt. turn.....	3.3	20
Harwood Pt. turn to Junction Buoy No. 35.....	3.3	20
Junction Buoy to Float Light No. 14.....	2.8	17
Crib Light opposite Six Mile Pt. to Red Nun Buoy.....	1.5	9
Red Nun Buoy to Lower end Isld. cut.....	1.5	9
Lower end Isld. cut to North Entrance.....	1.5	9
North Entrance to Bayfield Shoal dyke.....	0.5	3
South pier west end to Big Pt.....	2.3	14
Big Pt. to Brush Pt.....	2.3	14
Brush Pt. to intersection of Birch Pt. and Cedar Pt. ranges.....	5.0	30

BOUND DOWN

Intersection of Birch Pt. and Cedar Pt. ranges to Brush Pt	5.0	30
Brush Pt. to Big Pt.	2.3	14
Big Pt. to South pier west end.....	2.3	14
Bayfield Shoal dyke to North Entrance.....	0.5	3
North Entrance to lower end Isld. Cut.....	1.5	9
Lower end Isld. cut to Red Nun Buoy.....	1.5	9
Red Nun Buoy to lower Crib Light opposite Six Mile Pt...	1.5	9
Entrance Crib to Hay Pt. turn Crib No. 22.....	1.6	10
Hay Pt. turn Crib No. 22 to Look Out Station 4.....	4.5	27
Look Out Station 4 to Lower Gas Buoy.....	2.5	15
Lower Gas Buoy to Look Out Station 5.....	2.8	17
Look Out Station 5 to Mud Lake Crib 1-2.....	1.	11

COMPASS COURSES AND DISTANCES.

The following tables of corrected compass courses and distances were prepared by Frank Morrison, compass adjuster of Cleveland.

Corrected Compass Courses.

Lake Erie	Course	Miles
Buffalo to Long Point.....	W by S $\frac{3}{4}$ S	63 $\frac{3}{4}$
Long Point to Dummy.....	W by S $\frac{5}{8}$ S	134
Buffalo to Erie.....	S W $\frac{3}{4}$ W	76 $\frac{1}{2}$
Buffalo to Ashtabula.....	S W by W $\frac{1}{4}$ W	117
Buffalo to Fairport.....	S W by W $\frac{1}{2}$	143
Fairport to Cleveland.....	S W $\frac{1}{2}$ W	29
Buffalo to Sandusky.....	S W by W $\frac{7}{8}$ W	216
Erie to Dummy.....	W $\frac{3}{4}$ S	126
Ashtabula to Dummy.....	W $\frac{1}{4}$ S	88
Fairport to Dummy.....	W $\frac{3}{8}$ N	62 $\frac{1}{2}$
Lorain to Dummy.....	N W by N	30
Sandusky to Dummy.....	N E by E $\frac{1}{2}$ E	

Lake Huron	Course	Miles
Fort Gratiot to Sand Beach.....	N $\frac{5}{8}$ W	58 $\frac{1}{2}$
Sand Beach to Thunder Bay.....	N by W $\frac{1}{2}$ W	87 $\frac{1}{2}$
Thunder Bay to Presquile.....	N W by N $\frac{3}{4}$ N	26 $\frac{1}{2}$
Presquile to Forty-Mile Point.....	N W by W $\frac{5}{8}$ W	47
Thence Sheboygan Light.....	West	8
Presquile to Detour.....	N W by N $\frac{1}{8}$ N	45
Detour to Cheboygan.....	S W $\frac{5}{8}$ W	30
Detour to Bois Blanc.....	W by S $\frac{1}{2}$ S	26 $\frac{3}{4}$
Thence to Straits of Mackinac.....	West	9 $\frac{3}{4}$

Lake Michigan	Course	Miles
Waugoshance to North Manitou....	S W $\frac{5}{8}$ S	65 $\frac{1}{2}$
North Manitou to Point Betsey....		30
Pt. Betsey to Chicago.....	S by W $\frac{1}{4}$ W	207
Waugoshance to Milwaukee north of Manitous	S W $\frac{3}{8}$ W	62
Thence	S W by S $\frac{5}{8}$ S	177
Waugoshance to Poverty North of Beavers	W $\frac{1}{2}$ N	14
Thence	S W by W $\frac{1}{2}$ W	58
Waugoshance to Beavers.....	S W $\frac{1}{2}$ W	27
Beavers to Poverty.....	W $\frac{1}{2}$ S	55
Chicago to the Door.....	N $\frac{3}{8}$ E	238
Milwaukee to the Door.....	N by E $\frac{1}{8}$ E	159 $\frac{1}{2}$

Straits of Mackinac	Course	Miles
Cheboygan to Mackinac.....	N W by W $\frac{1}{4}$ W	19
Mackinaw Point to Waughoshance...	West	18 $\frac{1}{2}$

Lake Superior	Course	Miles
Iroquois to Whitefish point.....	N W $\frac{3}{4}$ N	25 $\frac{1}{4}$
Whitefish point to Sable point.....	W $\frac{1}{2}$ S	56 $\frac{3}{4}$
Thence to Marquette.....	W by S $\frac{1}{4}$ S	60
Whitefish to Huron Island.....	W $\frac{1}{4}$ N	145
Thence to Portage entrance.....	W $\frac{1}{2}$ S	20
Whitefish point to Copper Harbor...	W by N $\frac{5}{8}$ N	145 $\frac{1}{2}$
Copper Harbor to Eagle Harbor....	West	7
Thence	W by S	8
Eagle Harbor to Devil Isle.....	W by S $\frac{1}{2}$ S	124
Devil Isle to Duluth.....	S W by W $\frac{1}{2}$ W	68
Eagle Harbor to Two Harbors.....	W by S $\frac{1}{2}$ S	168
Eagle Harbor to La Point.....	S W by W $\frac{1}{2}$ W	5

Distances

	Erie	Ashtabula	Fairport	Cleveland	Milwaukee	Escanaba	Chicago	Marquette	Ashland	Two Harbors	Duluth
Buffalo	80	117	143	173	696	825	892	760	949	973	998
Erie		43	73	101	626	756	822	691	880	904	928
Ashtabula			27	56	585	715	781	650	839	863	887
Fairport				30	563	693	759	628	817	841	865
Cleveland					544	674	739	609	798	822	846
Escanaba						201	275	339	578	602	626
Milwaukee							83	519	708	732	755
Chicago								584	773	797	820
Marquette											279
Ashland										72	94
Two Harbors											27

Distances to Chicago are by south passage; if by middle passage add nine miles; if west passage add 17 miles to the distances to Lake Superior and Lake Erie ports.

THE USE OF THE BEARING INDICATOR.

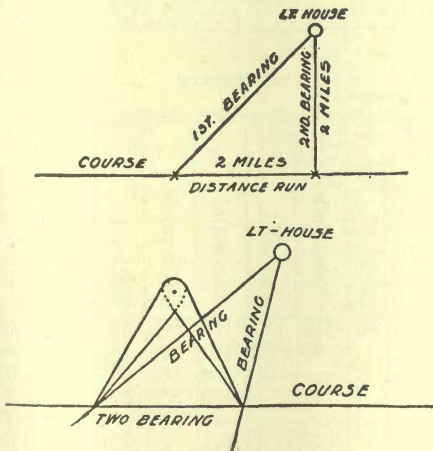
Presented with Compliments of Buffalo Lodge.

- (1) How to find error of the compass by the north star.
- (2) And by the rising and setting sun.
- (3) How to obtain the distance off from a light-house or other known objects by bearings known as the four-point bearing, the cross bearing or the two-bearing method which are thus explained.

(1) To obtain the error of the compass by a bearing of the north star: Set the dial of the indicator same as the pilot house compass, then point the sight-bar toward the north star and the indicator will show the error at once.

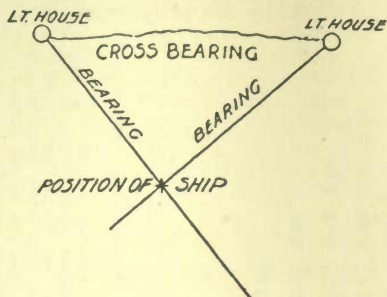
(2) By having the amplitude tables that have been published for the lake region, the error of the compass may be obtained by taking a bearing of the rising or setting sun.

The Four-Point Bearing.



The four-point bearing is the most simple and easy bearing to take that will give the exact distance off a light-house or other known object without having to use the chart, and is taken thus: For instance, your course is N. $\frac{1}{2}$ W., set the sight bar at N. W. $\frac{1}{2}$ W., or four (4) points of the bow; when the light-house or other object comes in range, note the time or log, or both, then run till the light-house or other object is abreast or eight (8) points of the bow, and the distance run between bearings will be the exact distance to the light-house.

The cross bearing is a very simple, quick and correct bearing when there are two light-houses in view, and is taken thus: Take a bearing of each light-house and draw them on the chart, and where the lines cross is the position of the ship.



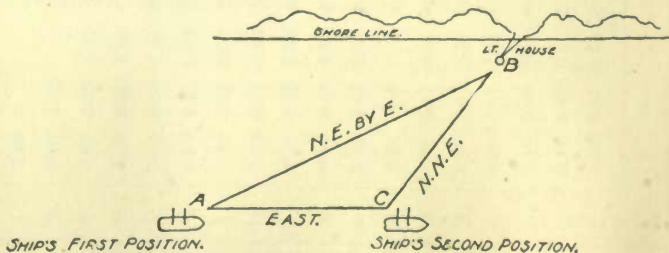
The two bearing method is taken thus: Take a bearing of light-house and draw the line on the chart, then run any distance, say a mile or two miles, then take another bearing, and draw it on the chart also, then set the dividers to the distance run, according to scale on chart, and draw them down the bearings on the course you have been steering till one point of the dividers rests on each line, and that will be the location of the ship at each bearing.

TO FIND A SHIP'S DISTANCE.

From a Point of Land or a Light, Without a Table, Chart or Dividers.

Submitted by Bro. F. B. Higgin.

The problem is of great service when sailing along any coast and is as follows: Suppose any well known shore light bears two or three points on either bow, then let the ship keep on her course till it bears the same number of points to the left of the first bearing; the distance the ship has run in the interval is her distance from the light at the time of taking the second bearing.



EXAMPLE.

Let A be a ship steering east; B a light bearing three points on the port bow, that is, N. E. by E. She proceeds on her course till the light bears three points to the left of N. E. by E., that is N. N. E., then C. B. is equal to C. A. by 6th proposition, first book of Euclid.

Well, Well, Boys—

Say, this got my goat. No, I won't mention any names. Listen, this is what happened—the laundry of a large boat was started to the renovators and getting to its destination it passed the business place of one of our large advertisers and was delivered to a chink. The chinaman was so busy, he took it to the steam laundry, our advertiser—now we have no advertiser.

Say! — Good night.

—One who knows.

RULE

Multiply the distance run in the interval between the two bearings by the number found in the table under the difference between the course and first bearing, and opposite the difference between the course and second bearing. The product is the distance at the time the second bearing was taken.
EXAMPLE—A light when first seen bore W. N. W.; after running W. S. 16 miles it bore N. $\frac{1}{2}$ W. Required its distance when second bearing was taken.
 Difference between course and first bearing, 3 points.
 Difference between course and second bearing, 8 $\frac{1}{2}$ points.
 Corresponding tabular number, 0.63, and 16 miles x 0.63 = 10.08 miles, the distance required.

4	1.00																								
4½	0.81	1.23																							
5	0.69	1.00	1.45																						
5½	0.60	0.85	1.17	1.66																					
6	0.54	0.74	1.00	1.35	1.85																				
6½	0.49	0.67	0.88	1.14	1.60	2.02																			
7	0.46	0.61	0.79	1.00	1.27	1.64	2.17																		
7½	0.43	0.57	0.72	0.90	1.11	1.39	1.77	2.30																	
8	0.41	0.53	0.67	0.82	1.00	1.22	1.50	1.87	2.41																
8½	0.40	0.51	0.63	0.76	0.92	1.09	1.31	1.58	1.96	2.50															
9	0.39	0.49	0.60	0.72	0.85	1.00	1.18	1.39	1.66	2.03	2.56														
9½	0.38	0.48	0.58	0.69	0.80	0.93	1.08	1.25	1.46	1.72	2.08	2.60													
10	0.38	0.47	0.57	0.66	0.76	0.88	1.00	1.14	1.31	1.51	1.76	2.11	2.61												
10½	0.38	0.47	0.56	0.65	0.74	0.84	0.94	1.06	1.19	1.35	1.55	1.79	2.12	2.60											
11	0.39	0.47	0.56	0.64	0.72	0.81	0.90	1.00	1.11	1.24	1.39	1.57	1.80	2.11	2.56										
11½	0.40	0.48	0.56	0.63	0.71	0.79	0.87	0.95	1.05	1.15	1.27	1.41	1.58	1.79	2.08	2.50									
12	0.41	0.49	0.57	0.64	0.71	0.78	0.85	0.92	1.00	1.08	1.18	1.29	1.41	1.57	1.76	2.03	2.41								
12½	0.43	0.51	0.58	0.65	0.71	0.77	0.83	0.90	0.97	1.03	1.11	1.20	1.29	1.41	1.55	1.72	1.96	2.30							
2	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10	10½							

Difference between the course and the first bearing in points.

Difference between the course and the second bearing in points.

PILOT RULES FOR THE GREAT LAKES

And Their Connecting and Tributary Waters.

Rules and Regulations for the government of pilots of vessels propelled by steam, gas, fluid, naphtha, or electric motors, and of other vessels propelled by machinery, navigating the Great Lakes and their connecting and tributary waters as far east as Montreal, adopted by the Board of United States Supervising Inspectors, Steamboat Inspection Service, on February 14, 1907, and approved by the Secretary of Commerce and Labor on February 25, 1907, under the authority of an Act of Congress approved February 8, 1895.

These Rules Shall be Effective On and After July 1, 1907.

Preliminary.

In the following rules 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.

"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.

Signals.

Rule 1. 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 II:

"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," except that when two steamers are approaching each other at right angles or obliquely, other than when one steamer is overtaking another, two short blasts signify desire of or assent to steamer which is to port of the other to cross the bow of steamer to starboard.

Rule II. 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 four 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 III. 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 II).

Rule IV. The signals 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 V. When steamers are approaching each other "head and head," or nearly so, 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 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 St. Mary, St. Clair, Detroit, Niagara, and St. 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 colored lights of each are in view of the other.

Rule VI. 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 cannot 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 further 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 VII. 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 case of steamers meeting at a bend; but immediately after clearing the dock or berth as to be fully in sight they shall be governed by the rules for passing.

Rule VIII. 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 four 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 abaft 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 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 passed and clear.

As by day the overtaking vessel cannot 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 IX. 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 shall 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 X. 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 XI. When two steamers are approaching each other at right angles or obliquely, other than when one steamer is overtaking another, so that the steamer having the other on her own starboard side may cross the bow of the other, without involving risk of collision, the steamer having the other on her own starboard side may cross the bow of the other. If the steamers are within half a mile of each other the steamer having the other on her own starboard side shall give, as a signal of her intention to cross the bow of the other, two short and distinct blasts of her whistle, which, if assented to, the other steamer shall promptly answer by two similar blasts of her whistle, when the steamer having the other on her own starboard bow may cross the bow of the other, in which case the steamer

having the other on her own port side shall keep out of the way of the other. If, however, the steamer having the other on her own port side deems it dangerous for the other steamer to cross her bow, she shall sound the danger signal, in which case both steamers shall be stopped, and backed if necessary, until signals for passing with safety are made, answered, and understood.

Rule XII. 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 XIII. 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.

Fog Signals.

Rule XIV. Whenever there is thick weather by reason of fog, mist, falling snow, heavy rain storms, or other causes, whether by day or by night, fog signals shall be used as follows:

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.

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.

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).

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.

Speed to be Moderate in Fog, and so Forth.

Rule XV. Every steam vessel shall, in thick weather, by reason of fog, mist, falling snow, heavy rain storms, 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 bare steerageway, and navigate with caution until the vessels shall have passed each other.

Posting of Pilot Rules.

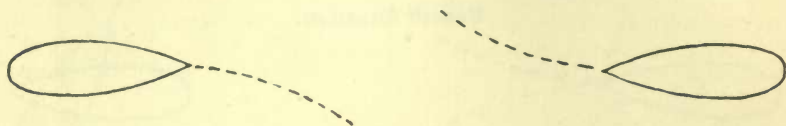
On steam and other motor vessels of over 100 gross tons, two copies of the placard form of these rules (Form 807) shall be kept

posted up in conspicuous places in the vessel, one copy of which shall be kept posted up in the pilot house. On steam and other motor vessels of over 25 gross tons and not over 100 gross tons, two copies of the placard form of pilot rules shall be kept on board, one copy of which shall be kept posted up in the pilot house. On steam and other motor vessels of 25 gross tons and under, two copies of the placard form of pilot rules shall be kept on board, and, where practicable, one copy thereof shall be kept conspicuously posted up in the vessel. (Authority: Section 3, act of Congress approved February 8, 1895.)

Diagrams.

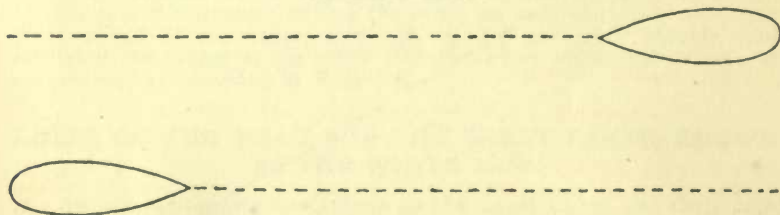
The following diagrams are intended to illustrate the working of the system of colored lights and pilot rules:

First Situation.



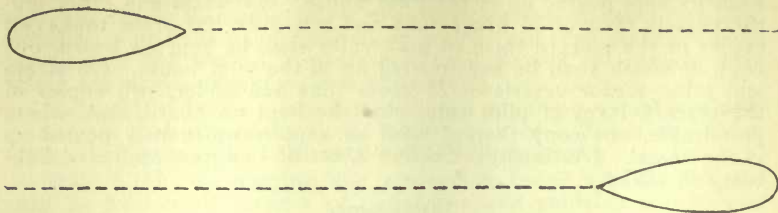
Here the two colored lights visible to each will indicate their direct approach "head and head" toward each other. In this situation it is a standing rule that both shall put their helms to port and pass on the port side of each other, each having previously given one blast of the whistle.

Second Situation.



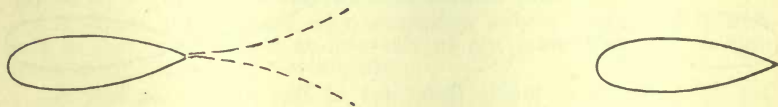
In this situation the red light only will be visible to each, the screens preventing the green lights from being seen. Both vessels are evidently passing to port of each other, which is rulable in this situation, each pilot having previously signified his intention by one blast of the whistle.

Third Situation.



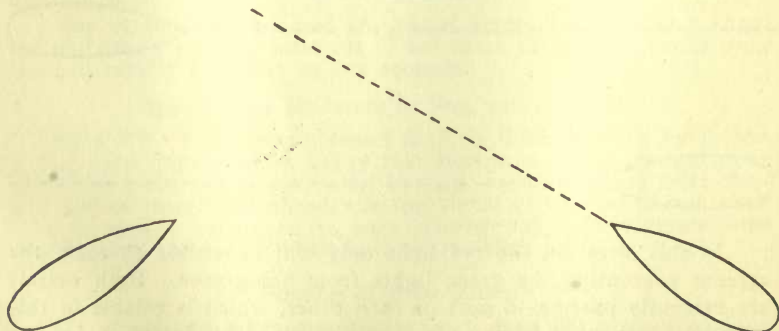
In this situation the green light only will be visible to each, the screens preventing the red light from being seen. They are therefore passing to starboard of each other, which is rutable in this situation, each pilot having previously signified his intention by two blasts of the whistle.

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 VIII.

Fifth Situation.



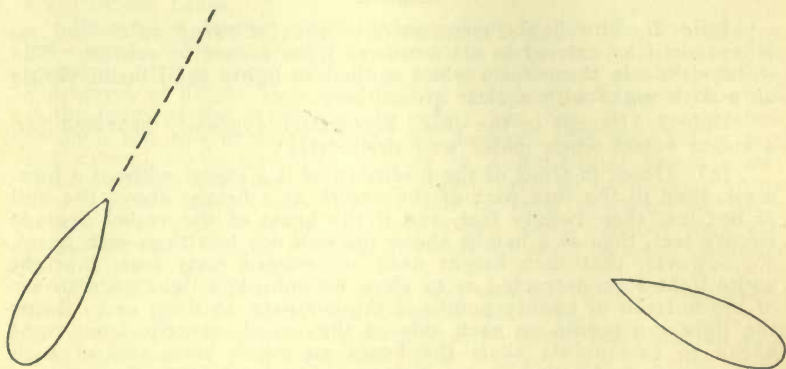
In this situation two steamers are approaching each other at right angles or obliquely in such manner as to involve risk of col-

lson, 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 X with respect to the signals for passing and the danger signal.

Sixth Situation.



In this situation two steamers are approaching each other at right angles or obliquely without involving risk of collision, the course and speed of both being such as would clearly allow the steamer having the other on own starboard side to cross the bow of the other without interfering with the course and speed of the other. In this case the steamer having the other on own starboard side may cross ahead of the other, after giving the necessary signals, and receiving the assent of the other steamer, when within half a mile of each other, as provided in Rule XI.

RULES OF THE ROAD FOR THE GREAT LAKES, KNOWN AS THE WHITE LAW.

An act to regulate navigation on the Great Lakes and their connecting and tributary waters.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following rules for preventing collisions shall be followed in the navigation of all public and private vessels of the United States upon the Great Lakes and their connecting and tributary waters as far east as Montreal.

Steam and Sail Vessels.

Rule 1. 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 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.

Lights.

Rule 2. 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 3. 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 fore part 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 forward 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 a 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).

Vessels Towing.

Rule 4. A steam vessel having a tow other than a raft shall in addition to the forward bright light mentioned in subdivision (a) of rule three, carry in a vertical line not less than six feet above or below that light a second bright light of the same construction and character and fixed and carried in the same manner as the forward bright light mentioned in said subdivision (a) of rule three. Such steamer shall also carry a small bright light abaft the funnel or after mast for the tow to steer by, but such light shall not be visible forward of the beam.

Rule 5. A steam vessel having a raft in tow shall, instead of the forward lights mentioned in rule four, carry on or in front of the foremast, or if a vessel without a foremast, then in the fore part of the vessel, at 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 brights in a horizontal 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 four.

Rule 6. A sailing vessel under way and any vessel being towed shall carry the side lights mentioned in rule three.

A vessel in tow shall also carry a small bright light aft, but such light shall not be visible forward of the beam.

Rule 7. The lights for tugs under thirty tons register, whose principal business is harbor towing and for boats navigating only on the River St. Lawrence, also ferryboats, rafts, and canal boats, shall be regulated by rules which have been or may hereafter be prescribed by the Board of Supervising Inspectors of Steam Vessels.

Rule 8. 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 two points abaft the beam, on their respective sides. To make the use of these portable lights more certain and easy, they shall each be painted outside with the color of the light they respectively contain, and shall be provided with suitable screens.

Rule 9. A vessel under one hundred and fifty feet register length when at anchor, shall carry 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 carry 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 be not less than fifteen feet lower than the forward light, another such light.

Rule 10. Produce boats, canal boats, fishing boats, rafts, or other water craft navigating any bay, harbor, or river by hand power, horse power, sail, or by the current of the river, or which shall be anchored or moored in or near the channel or fairway of any bay, harbor, or river, and not otherwise provided for in these rules, shall carry one or more good white lights, which shall be placed in such manner as shall be prescribed by the Board of Supervising Inspectors of Steam Vessels.

Rule 11. 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 having 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 seen 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.

Rule 12. Sailing vessels shall at all times, on the approach of any steamer during the night-time, show a lighted torch upon that point or quarter to which such steamer shall be approaching.

Rule 13. The exhibition of any light on board of a vessel of war or revenue cutter of the United States may be suspended whenever, in the opinion of the Secretary of the Navy, the commander in chief of a squadron, or the commander of a vessel acting singly, the special character of the service may require it.

Fog Signals.

Rule 14. 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 as the local inspectors of steam vessels shall determine, 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 the United States local inspectors of steam vessels when inspecting the same to require each steamer to be 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.

(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 abeam, 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 10 tons registered tonnage not being steam vessels, 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.

(g) Produce boats, fishing boats, rafts, or other water craft navigating by hand power or by 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.

Rule 15. Every vessel shall, in thick weather, by reason of fog, mist, falling snow, heavy rain storms, 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 bare steerage way, and navigate with caution until the vessels shall have passed each other.

STEERING AND SAILING RULES.

Sailing Vessels.

Rule 16. 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 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 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.

Steam Vessels.

Rule 17. When two steam vessels are meeting end on, or nearly end on, so as to involve risk of collision, each shall alter her course to starboard., so that each shall pass on the port side of the other.

Rule 18. 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 19. 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 20. 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 21. 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 22. Notwithstanding anything contained in these rules every vessel overtaking any other shall keep out of the way of the overtaken vessel.

Rule 23. 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, as provided in Rule Twenty-six:

One blast to mean, "I am directing my course to starboard."

Two blasts to mean, "I am directing my course to port." But the giving or answering signals by a vessel required to keep her course shall not vary the duties and obligations of the respective vessels.

Rule 24. 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.

Rule 25. 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 26. If the pilot of a steam vessel to which a passing signal is sounded, deems it unsafe to accept and assent to said signal, he shall not sound a cross signal; but in that case, and in every case where the pilot of one steamer fails to understand the course or intention of an approaching steamer, whether from signals being given or answered erroneously, or from other causes, the pilot of such steamer so receiving the first passing signal, or the pilot so in doubt, shall sound several short and rapid blasts of the whistle; and if the vessels shall have approached within half a mile of each other both shall reduce their speed to bare steerageway, and, if necessary, stop and reverse.

Rule 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.

Rule 28. 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 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.

Sec. 2. That a fine not exceeding two hundred dollars may be imposed for the violation of any of the provisions of this act. The vessel shall be liable for the said penalty, and may be seized and proceeded against, by way of libel, in the district court of the United States for any district within which such vessel may be found.

Sec. 3. That the Secretary of Commerce and Labor of the United States shall have authority to establish all necessary regulations, not inconsistent with the provisions of this act, required to carry the same into effect.

The Board of Supervising Inspectors of the United States shall have authority to establish such regulations to be observed by all steam vessels in passing each other, not inconsistent with the provisions of this act, as they shall from time to time deem necessary; and all regulations adopted by the said Board of Supervising Inspectors under the authority of this act, when approved by the Secretary of Commerce and Labor shall have the force of law. Two printed copies of any such regulations for passing, signed by them, shall be furnished to each steam vessel, and shall at all times be kept posted up in conspicuous places on board.

Sec. 4. That all laws or parts of laws, so far as applicable to the navigation of the Great Lakes and their connecting and tributary waters as far east as Montreal, inconsistent with the foregoing rules are hereby repealed.

Sec. 5. That this act shall take effect on and after March first, eighteen hundred and ninety-five.

RULES AND REGULATIONS GOVERNING THE MOVEMENTS AND ANCHORAGE OF VESSELS.

Rule 1. Speed.—No vessel navigating the St. Mary's river shall proceed at a greater speed than 10 statute miles per hour over the ground between Everens Point and the northern float lights in lower Hay Lake, marking the end of the Middle Neebish Channel, nor between the cribs in Mud Lake and the cribs in Hay Lake, marking the lower and upper ends, respectively, of the West Neebish Channel, nor between the crib light in upper Hay Lake opposite Sixmile Point and the dike at Bayfield Shoal, nor between the western end of St. Mary's Falls Canal and Big Point.

Vessels of 500 tons or less are exempt from the provisions of this rule.

Vessels navigating the St. Mary's River may proceed at full speed and pass other vessels moving in the same direction between Point Detour and the Mud Lake beacon in the northern part of Mud Lake, and in deep water in Hay Lake. Upbound vessels may also proceed at full speed and pass other vessels going in the same direction between Mud Lake beacon and Everens Point.

No vessel passing another vessel shall move at a rate of speed greater than ten statute miles per hour over the ground. (See also Rule V.)

Rule II. Middle and West Neebish channels.—No upbound vessels shall pass the St. Mary's River by the way of the West Neebish Channel, and no downbound vessels shall pass by way of the Middle Neebish Channel, except vessels of 500 tons or less and vessels making regular local stops on these channels.

Rule III. Upbound vessels passing.—Upbound vessels shall not pass other vessels moving in the same direction between Everens Point and the red gas buoy at lower end of Little Mud Lake on the Dark Hole range, nor between the second red spar buoy east of the Middle Neebish Channel in Hay Lake, nor between the crib light in upper Hay Lake opposite Sixmile Point and the dike at Bayfield Shoal, nor between the west end of St. Mary's Falls Canal pier and Big Point.

Upbound vessels may pass other vessels going in the same direction in Mud Lake below Everens Point and in deep water in Hay Lake.

Rule IV. Downbound vessels passing.—Downbound vessels shall not pass other vessels moving in the same direction between Big Point and the St. Mary's Falls Canal, nor between the dike at Bayfield Shoal and the crib light in upper Hay Lake opposite Sixmile Point, nor between the crib lights in lower Hay Lake, marking the entrance to the West Neebish Channel, and the crib lights marking the lower end of the West Neebish Channel near the Mud Lake beacon.

Downbound vessels may pass other vessels going in the same direction in deep water in Hay Lake and in Mud Lake below the Mud Lake beacon.

Rule 5. In case one steamer desires to pass another going in the same direction on said river, at a point where such passing is permitted by these rules, the pilot of the steamer astern shall, if he intends to pass the steamer ahead on the right hand or starboard side, indicate such intention by giving one short blast of the steam whistle, and if he intends to pass such steamer ahead on the left hand or port side, he shall indicate such intention by giving two short blasts of the steam whistle. Upon the pilot of one steamer astern of another giving such signal, the pilot of the steamer ahead shall immediately answer by giving the same signal; but 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 several short and rapid blasts of the steam 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; then the steamer ahead shall slacken to a slow rate of speed, and the steamer astern shall pass the overtaken steamer, giving the overtaken steamer as wide a berth as possible.

Steamers bound in opposite directions shall slow to half speed within one-quarter of a mile of each other until each has passed the other.

Rule 6.—The patrolling vessels of the revenue cutter service shall always have the right of way over all other vessels, as indicated by the sailing signals given by any such patrolling vessel.

Rule 7.—Three distinct blasts of the steam whistle, when sounded from a patrolling vessel, will indicate that the vessel to which such signal is given is proceeding at too high rate of speed, and such vessel must immediately moderate her speed accordingly.

Rule 8.—Four long blasts of the steam whistle, when sounded from a patrolling vessel, will indicate that the vessel to which such signal is given must stop until further orders from the patrolling vessel.

Rule 9.—Two red lanterns, one above the other, hoisted on a patrolling vessel at night, will indicate to the vessel to which such

signal is given that such vessel must stop and not proceed farther toward the position where such lights are displayed.

Rule 10.—No vessel or raft shall anchor in any of the improved channels now abreast of the government piers at Saulte Ste. Marie, except in distress or during a fog, and any vessel so anchored must always shift her anchorage when so directed by the officer in charge of a patrolling vessel to the spot designated by such officer.

Rule 11.—Vessels navigating the St. Mary's river may anchor between Point Detour and Mud Lake turning buoy, and at Sailors' Encampment close to the wharves of the sawmill; in Hay Lake between the Neebish and Little Rapids channel outside of the channel as indicated by the ranges, but nothing in this rule shall be construed to prohibit any vessel from lying alongside of any wharf in said river.

Rule 12.—Rafts being towed in the St. Marys river will be required to use what is termed the "old or St. George channel." From Harwood point to Mud Lake turning buoy they will move at the time designated by the officer in charge of the patrolling vessel. When lying by they must be moored out of the channel.

Rule 13.—In navigating the St. Marys River, in all cases where the foregoing rules are not applicable, the attention of masters and pilots is called to the sailing rules contained in the act of Congress of Feb. 8, 1895.

Rule 14.—All vessels navigating the St. Marys river, in passing dredges and vessels at work on improvements to the channel, will be required to slacken their speed upon such dredge or other vessels engaged in such improvement giving the signal of three distinct blasts of the steam whistle.

Rule 15.—The pilot of every steamer descending the St. Marys river shall, when abreast of the Dark Hole gas buoy, and before passing around the bend of said river at Sailors' Encampment, give a signal of one blast of the steam whistle of 10 seconds' duration, which signal shall be answered by a blast of the steam whistle of the same duration by any vessel ascending said river within hearing. The pilot of every steamer ascending said river, not having heard such signal from a descending steamer, shall, when abreast of Everens Point, and before passing around the bend of said river at Sailors' Encampment, give a signal of one blast of the steam whistle of 10 seconds' duration, which shall be answered by a blast of the steam whistle of the same duration by any vessel descending said river within hearing. After such signal of one blast of the steam whistle of 10 seconds' duration shall have been given and answered, the usual passing signal must be given.

Vessels of 500 tons or less and local boats are alone permitted to pass down this channel.

Rule 16.—Any steamer approaching a tug towing a dredge or scow moving in the same direction may pass such tow by giving the

proper signal indicating upon which side of such tow such steamer will pass, and it shall be the duty of the pilot of any such tug to sheer on the side of the channel indicated by such passing signal and give the passing steamer all possible room.

Rule 17.—No steamer stemming the current through the Dyke and Island Cut shall be allowed to tow more than one vessel without the aid of a tug unless such steamer has the power to move the tow over the ground at the rate of at least four miles an hour.

Rule 18.—No steamer navigating the St. Mary's river, either ascending or descending, shall pass another steamer or steamers moving either in the same or opposite direction, in such a position that more than two steamers shall be abreast of each other when thus passing. In case three steamers are liable to pass in a position where more than two of them will be abreast in passing, the overtaking steamer shall check its speed within a quarter of a mile of the overtaken steamer in order to avoid passing in such position.

These regulations shall take effect on and after the opening of the West Neebish channel.

HERBERT KNOX SMITH, Acting Secretary

OUR SLOGAN

— 10,000 - IN - 1915 —

So "Get Together"

, It's up to you.

American Steam and Sail Vessels of the Great Lakes

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CORRECTED TO APRIL, 1914

† indicates vessel is built of iron or steel.

Str. is the general indication for steam vessels not otherwise specified.

Str. indicates steam yacht.

Sch. indicates all sail vessels.

Bge. indicates barge.

Stp. indicates steam passenger.

F. B. indicates fire boat.

Y/y. indicates yawl yacht.

Sp.d. indicates steam pile driver.

H. B. indicates house boat.

Gas. indicates gasoline schooner yacht.

Scr. indicates schooner yacht.

Sch. indicates steam canal boat.

C. F. indicates car ferry.

Sly. indicates sloop yacht.

Gas. indicates gasoline.

Gyt. indicates gasoline yacht.

Gas. indicates gasoline passenger.

Dge. indicates dredge.

Ltr. indicates lighter.

Lch. indicates launch.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
A						
Tug	Abbott, H. B.	56	28	65x16x 9	1889	Great Lakes Towing Co., Cleveland, O.
Sch	Abyssinia	2037	1916	288x44x21	1896	Calumet Transit Co., Duluth, Minn.; Hutchinson & Co., Cleveland, Mgrs.
Scw	Acme	376	357	127x34x6.9	1911	E. T. England, Duluth, Minn.
Tug	Adams, A. C.	41	20	62x16x 9	1881	Great Lakes Towing Co., Cleveland, O.
Str	†Adams, Cuyler ...	5785	4497	474x52x29	1904	G. A. Tomlinson, Mgr., Globe Steamship Co., Duluth, Minn.
Str	†Adams, Thomas....	3784	3187	360x50x28	1902	John Craig, Mgr., Adams Transp. Co., Toledo, O.
Bge	Adele	402	402	141x41x 8	1910	Western Transit Co., Buffalo, N. Y.
Str	†Adiramled	565	375	190x27x11	1866	A. W. Bain, M. O., Menominee, Mich.
Str	†Admiral	4651	3547	423x51x28	1899	American S. S. Co., M. B. McMillan, Mgr., Detroit, Mich.

Str †Adriatic	.....4945	3605	420x52x28	1907	Interlake Steamship Co., Pickands, Mather & Co., Mgrs., Cleveland, O.
Sch Adriatic	.....	915	202x34x17	1889	The Thomas H. Smith Stone Co., Sturgeon Bay, Wis.
Bge Advance	.....	438	141x38x12	1871	Leathem & Smith, Sturgeon Bay, Wis.
Gas Advertise	.....	42	63x14x 8	1892	Philip Perew, Tonawanda, N. Y.
Str †Agassiz	.....6530	4910	532x56x31	1907	Calumet Transp. Co., M. A. Hanna & Co., Mgrs., Cleveland, O.
Bge Agnes	(nee Wm. A. Hawgood)	572	149x30x10	1880	Lorain Coal & Dock Co., Cleveland, O.
Str †Agnew, Wm. C.	.....6533	4985	532x58x31	1911	Buffalo S. S. Co., John Mitchell, Mgr., Cleveland, O.
Gyt Aida	.....	35	79x11x 6	1906	Grant T. Stephenson, Wells, Mich.
Str Aida	.....	37	89x12x 6	1882	Lewis Devian, Alexandria Bay, N. Y.
Scw Ajax	.....	384	131x33x..	1909	Barnett Record Co., Duluth, Minn.
Scw Ajax	.....	95	..x..x..	1907	Thomas Durocher, Sault Ste. Marie, Mich.
Scw Ajax	.....	39	70x16x..	1886	George Hall Coal Co., Ogdensburg, N. Y.
Stp †Alabama	.....2626	1684	250x45x26	1910	Goodrich Transit Co., Chicago, Ill.
Str Alaska	.....	986	212x32x14	1871	Mullen Coal Co., Amherstburg, Ont.
Stp Albatross	.....	87	96x29x 4	1880	D. A. Cady, Ormo, Wis.
Str †Albright, John J.	.....4805	3298	416x50x28	1901	John Mitchell, Cleveland, O.
Stry Alcina	.....	34	68x12x 6	1896	O. P. Letchworth, Buffalo, N. Y.
Sch Aldrich, Wm.	.....	177	123x25x 7	1856	Minnie Kroner, 392 15th Ave., Milwaukee (Re-built 1903.)
Sty Alert	.....	99	113x16x 9	1899	George W. Wood, Indianapolis, Ind.
Tug †Alert	.....	42	71x17x 6	1896	Booth Fisheries Co., Chicago, Ill.
Bge Alert	.....	107	59x17x 3	1912	George Moon Jr., Buffalo, N. Y.
Str Alfred W.	.....	56	66x17x11	1905	Duluth-Superior Dredging Co., Duluth, Minn.
Stp Algomah	.....	486	127x33x11	1881	Island Transportation Co., Mackinaw City, Mich.
Str Algona	.....	92	95x18x 5	1880	Willis W. Cline, Massena, N. Y.
Str Aliber, John A.	.....	32	73x14x 6	1897	Wm. P. Wilson, Saugatuck, Mich.
Scy Alice	.....	40	66x16x 9	1898	E. P. Warner, Chicago, Ill.
Str Alice	40	63x14x 6	1891	P. H. Keenan, Sheboygan, Wis.
Sch Alice	307	137x30x11	1881	Ole Hansen, Milwaukee, Wis.

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AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	Alice C.....	81	27	63x18x 8	1901	John Coffey, Manistique, Mich.
Str	Alice R.....	31	21	53x15x 6	1905	W. A. Sawyer, Clayton, N. Y.
Sch	Allegheny	689	599	187x33x13	1873	Allegheny Transportation Co., Bay City, Mich. (Lost 1913.)
Str	†Allegheny	3898	2967	350x46x31	1910	Erie & Western Transp. Co., Buffalo, N. Y.
Str	Allendale	50	32	66x16x 4	1899	Bennett-Schnorback Co., Muskegon, Mich. (Abandoned.)
Str	†Alpena	2886	1787	356x47x..	1909	Wyandotte Transp. Co., Detroit, Mich.
Tug	Alphard	32	21	55x15x 7	1898	Two Rivers Dredge & Dock Co., Two Rivers, Wis.
Gas	Althea	25	22	51x12x 5	1907	C. Hayward Murphy, Detroit, Mich.
Str	†Alva—Name changed to Minnetonka					
Tug	Alva B	83	41	73x18x11	1890	Great Lakes Towing Co., Cleveland, O.
Sty	Alvina	526	318	180x26x16	1901	Thomas F. Cole, Duluth, Minn.
Sty	Amadis	85	42	90x18x 8	1894	G. H. Kimball, Cleveland, O.
H. B.	Amaryllis	140	140	95x16x..	1896	Emily M. Cox, Alexandria Bay, N. Y.
Str	†Amazon	3702	2680	376x46x26	1897	Australia Transit Co., J. E. Ferris, Sec., Cleveland, O.
Str	Amazonas	2228	1930	295x44x22	1898	James Davidson, W. Bay City, Mich.
Str	†America	2171	1748	274x42x24	1889	Wisconsin Transportation Co., Sheboygan, Wis.
Str	†America	297	258	134x32x..	3190	Erie Sand & Gravel Co., Erie, Pa.
Tug	†America	123	83	80x21x12	1897	Great Lakes Towing Co., Cleveland, O.
Stp	†America	937	593	182x31x11	1898	Booth Fisheries Co., Chicago, Ill. (Re-built 1911.)
Stp	†Americana	1009	558	203x45x16	1908	Lake Erie Excursion Co., Buffalo, N. Y.
Tug	Ames, J. C.	537	347	160x29x14	1882	Nau Tug Line, Green Bay, Wis.
Str	†Ames, Ward	5750	4422	540x56x31	1906	Interlake Steamship Co., Pickands, Mather & Co., Mgrs., Cleveland, O.
Str	Ames, Wm. D.	30	21	61x15x 6	1905	Frederick Driscoll, Vermilion, O.
Gscy	Amorita	69	62	69x20x15	1895	Wm. L. Baum, Chicago, Ill.
Str	Anabel	47	34	65x16x15	1892	Alice Coffey, Manistique, Mich.

Str †Andaste	.....1574	1256	266x38x22	1892	Cleveland-Cliffs Iron Co., Mgrs., Cleveland, O.
Sch Anderson, Alex.....	738	728	193x37x14	1892	D. W. Mills, 1886 Carter Rd., N. W., Cleveland, O.
Str Anderson, Francis R.	30	15	75x15x 6	1885	Booth Fisheries Co., Chicago, Ill.
Scw Andrew	..... 383	383	132x34x 9	1908	Sturgeon Bay Stone Co., Sturgeon Bay, Wis.
Str †Andrews, Matthew.	7014	5497	532x56x31	1907	Kinsman Transit Co., Henry Steinbrener, Mgr., Cleveland, O.
Tug Andy	..... 53	36	68x17x 9	1896	William Harmon, Chicago, Ill.
Str †Angeline	.....4644	3538	414x51x28	1899	Cleveland-Cliffs Iron Co., Mgr., Cleveland, O.
Str Anna	..... 25	12	62x14x 6	1892	Cornelius Van Zanten, et al., Grand Haven, Mich.
Sty Anna M.	..... 92	58	80x19x 4	1895	Portage Pleasure Boat Assn., Portage, Wis.
C. F. Ann Arbor, No. 1.	1127	563	260x53x15	1892	Ann Arbor R. R. & S. S. Line, Detroit, Mich.
C. F. Ann Arbor No. 2.	1144	572	264x53x14	1892	Manistique Iron Works, Manistique, Mich.
Str †Ann Arbor 3	.....1677	996	258x52x15	1898	Ann Arbor R. R. & S. S. Line, Toledo, O.
Str †Ann Arbor No. 4.	1884	1082	259x52x19	1906	Ann Arbor R. R. & S. S. Line, Toledo, O.
Str Ann Arbor No. 5.	2884	1961	360x56x19	1910	Empire Trust Co., New York.
Tug Annie	..... 78	48	75x20x 9	1889	Great Lakes Towing Co., Cleveland, O.
Tug Annie	..... 75	37	80x18x 8	1884	John B. Breymann, Toledo, O.
Str Annie	..... 29	29	55x27x 3	1906	W. C. Grisdall, Bay City, Mich.
Str Annie R.	..... 32	22	57x14x 6	1900	Booth Fisheries Co., Chicago, Ill. (Abandoned 1910.)
Str Annie Laura	..... 244	189	133x24x11	1871	Jerry Shampaign, Sandusky, O.
Sty †Anoma	..... 146	87	117x17x10	1904	J. Elizabeth Buhl, Detroit, Mich.
Sch †Antrim	.....3200	2902	366x44x26	1897	Standard Oil Co., New York.
Tug Apollo	..... 30	22	87x16x 5	1890	Daniel Flint, Saugatuck, Mich. (Out of commission.)
Tug Arctic	..... 95	81	93x19x 5	1893	D. Springer, Alexandria Bay, N. Y.
Tug Arctic	..... 71	42	76x18x 9	1881	Goodrich Transit Co., Chicago, Ill.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	†Arcturus (nee J. B. Wood)	7159	5744	514x54x31	1906	Interlake Steamship Co., Cleveland, O.
Sch	Arenac	521	496	179x35x13	1888	Comstock & Sinclair, Duluth, Minn.
Sch	Arendal	207	198	123x26x 9	1873	Estabrook-Skeele Lumber Co., Chicago, Ill.
Str	Argo	721	490	185x35x15	1895	Argo Steamship Co., Cleveland, O.
Bge	Argo	168	160	107x24x 9	1868	Ogdensburg Coal Co., Ogdensburg, N. Y.
Str	Argosy	48	33	69x16x 7	1904	Annie L. Sloan, Buffalo, N. Y.
Str	†Argus (nee L. Woodruff)	4707	3380	416x50x28	1903	Interlake Steamship Co., Cleveland, (Founded 1913.)
Stp	Ariel	201	119	95x28x11	1881	Walkerville & Det. F. Co., Detroit, Mich.
Stp	Arizona	1041	801	203x40x22	1889	Goodrich Transit Co., Chicago, Ill.
Str	Arizona	765	601	189x32x14	1868	James A. White, Buffalo, N. Y.
Str	†Arlington	2338	1691	244x43x27	1910	Rutland Transit Co., Ogdensburg, N. Y.
Str	Armour, Philip D.	1990	1452	264x41x23	1889	Pittsburg & Erie Coal Co., George B. Taylor, Mgr., Erie, Pa.
Sch	Armstrong, Thos.	89	85	82x21x 6	1888	J. Fleury, Isle La Motte, Vt.
Stp	†Arrow	365	182	165x28x18	1895	Sandusky & Isl. Stbt. Co., E. McFall, Mgr., Sandusky, O.
Gas	Arrow	31	21	63x17x 5	1879	Pete J. Goodlet, Marinette, Wis.
Str	Arthur	36	18	55x14x 7	1889	J. R. Hilborn, Cheboygan, Mich.
Str	Arthur	25	13	54x15x 7	1890	Thos. Hadlund, Bayfield, Wis.
Sch	Arthur (nee D. P. Rhodes)	937	891	216x35x16	1871	Connelly Bros., Michigan and Ohio Sts., Buffalo, N. Y.
Stp	†Arundell	339	257	167x24x18	1878	Andrew H. Crawford, Saugatuck, Mich. (Lost, 1911.)
Sch	Ashford	132	106	95x17x 9	1883	Joseph A. Hutton, Rondout, N. Y.
Str	Ashland	97	57	97x19x 7	1867	John Schroeder Lumber Co., Milwaukee, Wis. (Rebuilt 1899.)
Sch	Ashland	991	956	218x37x15	1886	Edw. Hines Lumber Co., Chicago.

Str †Ashley, J. S.....	6361	4789	504x54x..	1909	Kinney S. S. Co., A. T. Kinney, Pres., Cleveland, O.
Str †Ashtabula	2670	1525	338x56x21	1906	Pennsylvania-Ontario Transportation Co., Cleveland, O.
Tug †Aspen	377	....	117x25x12	1906	U. S. Lighthouse Establishment, Washing- ton, D. C.
Sch Athens	2073	1953	293x45x20	1897	Boland & Cornelius, Buffalo, N. Y.
Str Atlantis	197	106	109x23x 6	1887	J. R. Snook, Mt. Clemens, Mich.
Str Atlas	33	23	60x16x 7	1911	Keystone Fish Co., Erie, Pa.
Sch Atmosphere	275	261	134x25x11	1863	E. W. Thompson, Pt. Huron, Mich.
Str Auburn	1379	1319	258x35x25	1878	Edw. Gillen Dock, Dredge & Construction Co., Racine, Wis.
Str Augur, Chas. H..	25	13	58x13x17	1889	John Van Der Vaart, Sheboygan, Wis.
Cbt Augusta G.	117	108	96x17x..	1889	Geo. J. Liasse, Burlington, Vt.
Sch Augustus	64	59	77x20x 6	1885	A. E. Dow, Manitowoc, Wis. (Rebuilt 1899.)
Str †Augustus, A. A..	6390	4869	504x54x30	1909	Hutchinson & Co., Mgrs., Pioneer S. S. Co., Cleveland, O.
Sch Aurora	2236	2181	290x41x22	1900	Henry Wineman Jr., Detroit, Mich.
Str †Australia	3845	2877	376x48x26	1897	Australia Transit Co., J. E. Ferris, Sec'y., Cleveland, O.
Str Averell, Wm. J..	1603	1425	241x37x24	1884	Rutland Trans. Co., Ogdensburg, N. Y.
Sch Avery, H. M.....	33	31	60x16x 6	1887	John A. Kruse, Chicago, Ill. (Out of commission.)
Tug Avery, Waldo A.	70	58	78x16x 8	1880	Great Lakes Towing Co., Cleveland, O.
Str Avon	1417	1147	251x35x16	1877	Ogdensburg Coal & T. Co., Ogdensburg, N. Y. (Abandoned.)
Str Aztec	834	653	180x33x14	1889	Lawrence D. Brown, Buffalo, N. Y.
Scw B 1	433	433	138x32x11	—	Empire Engineering Corporation, Buffalo, N. Y.
Scw B 2	483	483	116x32x11	1906	Empire Engineering Corporation, Buffalo, N. Y.

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AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Scw	B 3	315	315	102x28x10	1908	Empire Engineering Corporation, Buffalo, N. Y.
Scw	B 4	315	315	102x28x10	—	Empire Engineering Corporation, Buffalo, N. Y.
Scw	B 5	31	31	46x17x 3	1906	Empire Engineering Corporation, Buffalo, N. Y.
Scw	B 6	30	30	55x17x 3	—	Empire Engineering Corporation, Buffalo, N. Y.
Scw	B 7	173	173	82x26x 7	—	Empire Engineering Corporation, Buffalo, N. Y.
Scw	B 8	139	139	82x26x 7	—	Empire Engineering Corporation, Buffalo, N. Y.
Scw	B 11	67	67	46x28x 5	1906	Empire Engineering Corporation, Buffalo, N. Y.
Tug	Babcock, W. I.	63	31	71x17x11	1888	Great Lakes Towing Co., Cleveland, O.
Sch	Bacon, Melvin S.	614	584	180x33x14	1874	Abraham King, Marine City, Mich.
Str	†Baker, Geo. F.	7210	5459	585x58x32	1907	Pittsburg Steamship Co., Cleveland, O.
Str	†Ball Bros.	5733	4438	480x52x30	1905	G. A. Tomlinson, Mgr., Globe S. S. Co., Duluth, Minn.
Str	†Ball, Frank C.	6909	5459	530x56x31	1906	G. A. Tomlinson, Mgr., Globe S. S. Co., Duluth, Minn.
Sch	Baltic	915	869	202x34x16	1890	Henry J. Pauly, Milwaukee, Wis.
Tug	†Baltimore	45	31	61x16x 8	1911	Booth Fisheries Co., Chicago, Ill.
Scb	B and C	99	71	112x17x 6	1876	Western Stone Co., Chicago, Ill.
Tug	Bangs, Anson M.	178	68	101x23x12	1897	The Breakwater Co., Cleveland, O.
Str	†Barker, S. B.	176	131	96x17x 9	1882	Booth Fisheries Co., Chicago, Ill.
Sch	Barlum, John J.	1188	1125	222x40x16	1890	Pringle Barge Line Co., 327 Rockefeller Bldg., Cleveland, O.
Str	†Barlum, John J.	6419	4924	504x54x30	1909	Postal S. S. Co., John J. Barlum, M. O., Detroit, Mich.

Str	†Barlum, Thomas.....	5752	4485	480x52x30	1907	Postal S. S. Co., John J. Barlum, M. O., Detroit, Mich.
Sch	Barnes, C. C.....	489	460	172x32x13	1873	Milwaukee Western Fuel Co., Milwaukee, Wis.
Str	†Barnum, G. G.....	6272	4826	504x54x30	1905	G. A. Tomlinson, Mgr., Superior S. S. Co., Duluth, Minn.
Str	Barth, L. L.....	683	491	185x35x14	1889	E. Hines Lumber Co., Chicago, Ill.
Str	†Bartow, J. H.....	6316	5021	504x54x30	1907	E. D. Carter, Erie, Pa.
Str	†Batavia	202	158	98x28x8	1904	Lehigh Valley Trans. Co., Buffalo, N. Y.
Bge	Bath	1192	1132	253x36x22	1889	Boutell Steel Barge Co., Bay City, Mich.
F. B.	†Battle, James.....	198	123	116x25x13	1900	City of Detroit Fire Com.
Tug	Bayfield	75	42	73x17x6	1909	Lake Superior Towing Co., Bayfield, Wis.
Str	Beard, James.....	86	67	204x40x16	1873	Pt. H'n & Sarnia Fy. Co., Port Huron, Mich.
Str	†Beatty, Chas.	986	814		1902	Volunteer Trans. Co., Rockefeller Bldg., Cleveland, O.
Scw	Beaubien, No. 2.....	191	191	85x21x..	1890	Beaubien Ice & Coal Co., Detroit, Mich.
Scw	Beaubien, No. 3.....	191	191	85x21x..	1893	Beaubien Ice & Coal Co., Detroit, Mich.
Scw	Beaubien, No. 4.....	348	348	120x26x..	1903	Beaubien Ice & Coal Co., Detroit, Mich.
Scw	Beaubien, No. 5.....	273	273	100x24x..	1904	Beaubien Ice & Coal Co., Detroit, Mich.
Scw	Beaubien, No. 6.....	709	709	143x43x..	1907	Beaubien Ice & Coal Co., Detroit, Mich.
Str	Beaver	121	80	98x19x9	1892	P. D. Campbell, Charlevoix, Mich.
Bge	B. B. No. 1.....	202	202	104x29x6	1905	
Bge	B. B. No. 2.....	202	202	104x29x6	1905	
Bge	B. B. No. 3.....	157	157	100x28x5	1898	
Bge	B. B. No. 4.....	157	157	100x28x5	1898	
Bge	B. B. No. 5.....	157	157	100x28x5	1898	
Bge	B. B. No. 6.....	157	157	100x28x5	1898	
Bge	B. B. No. 7.....	164	164	104x30x5	1898	
Sip	†Bedell, Ossian	296	192	104x28x10	1901	Samuel S. Staley, Grand Island, N. Y.
Bge	†Bell, Sir I. L.....	3418	3158	365x45x26	1896	Pittsburg Steamship Co., Cleveland, O.
Str	Belle	37	18	60x13x6	1885	A. C. Majo, Duluth, Minn.
Str	Bennett, J. W.....	81	40	87x17x9	1876	Lake Superior Towing Co., Bayfield, Wis.
Str	†Bennington	2285	1393	244x43x27	1908	Rutland Transit Co., Ogdensburg, N. Y.
Str	Benton, Thos. H....	84	84	125x34x4	1889	Southern Railway & Navigation Co., Chicago, Ill.

G. H. Breymann & Bros., Toledo, O.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	†Berry, B. F.....	6188	4775	480x52x30	1908	Fremont S. S. Co., H. K. Oakes, Mgr., Detroit, Mich.
Sch	Bertie	43	35	69x19x4	1896	Fred Champagne, Mt. Clemens, Mich.
Str	†Berwind, Harry A..	6634	4927	532x58x31	1908	Mutual S. S. Co., G. A. Tomlinson, Mgr., Duluth, Minn.
Str	†Bessemer, Sir H....	4321	3293	413x48x28	1896	Pittsburg Steamship Co., Cleveland, O.
Str	Bessie	89	44	97x20x7	1880	Port Huron Transportation & Wrecking Co., Sandusky.
Str	Bethlehem	2633	1902	298x40x26	1888	Lehigh Valley Trans. Co., Buffalo, N. Y.
Cbt	Betts, Clarence L...	164	153	98x17x10		Nellie W. Follette, Tonawanda, N. Y.
Str	Bielman, C. F.....	2056	1709	291x41x21	1892	McLachlan Trans. Co., Port Huron, Mich.
Str	†Bielman, C. F., Jr...	33	23	67x14x7	1907	C. F. Bielman, Detroit, Mich.
Str	Bigelow, H. P.....	46	37	67x14x8	1893	Brockville & Morristown Transp. Co., Morristown, N. Y.
Gas	Bill	26	25	42x15x3	1904	W. F. Summerrill, Benton Harbor, Mich.
Str	Binghamton	2143	1549	265x40x13		Erie Railroad Lake Line, Buffalo, N. Y.
Str	†Bixby, W. K.....	5712	4407	480x52x30	1906	National S. S. Co., M. B. McMillan, Mgr., Detroit, Mich.
Str	†Black, Clarence A..	4521	3474	413x50x28	1898	Pittsburg Steamship Co., Cleveland, O.
Sch	Black Hawk.....	172	163	122x24x9	1861	Capt. J. A. Nelson, 631 6th ave., Milwaukee, Wis. (Abandoned.)
Str	Black Diamond.....	619	482	152x35x12	1902	Pittsburg Coal Co., Cleveland, O.
Str	†Block, Joseph	6486	4939	549x56x31	1907	Inland Steamship Co., Hutchinson & Co., Mgrs., Cleveland, O.
Str	Bloeker, Emma... (nee A. H. Hawgood)	31	14	56x13x5	1889	Chas. M. Hyttel Sr., Racine, Wis.
Sch	Bloom, Nelson	549	521	197x31x11	1863	H. N. Jex Co., Toledo, O.
Scw	B. No. 16	116	116	89x22x..	1891	Alexander McDonald, Duluth, Minn.
Sch	Bock, Isolda	70	66	76x21x6	1881	L. C. Ludwig, Benton Harbor, Mich.
Str	†Boeckling, G. A....	328	157	155x30x..	1909	Bay Transportation Co., Sandusky, O.

Str †Boland, John J.....	6035	4530	480x54x30	1907	York S. S. Co., Boland & Cornelius, Mgr., Buffalo, N. Y.	
Str Bon Ami	226	149	108x21x16	1894	Hart Transportation Co., Sturgeon Bay, Wis.	
Tug †Bonita	58	39	63x17x 9	1903	Graham & Morton Trans. Co., St. Joseph, Mich.	
Sew B. No 5.....	63	63	65x20x 7	1882	} Great Lakes Dredge & Dock Co., Chicago, Ill.	
Sew B. No. 12.....	122	122	113x24x..	1888		
Sew B. No. 17.....	122	122	113x24x 8	1898		
Sew B. No. 18.....	136	136	112x24x..	1898		
Sew B. No. 19.....	169	169	115x24x 8	1899		
Sew B. No. 20.....	167	167	115x24x 8	1899		
Sew B. No. 21.....	398	398	130x32x12	1900		
Sew B. No. 22.....	399	399	146x32x12	1901		
Sty Bonita	73	49	110x16x 7	1892		Marinette Yacht Club, Marinette, Wis.
Stip Bonner, J.	74	39	83x18x 5	1910		Thomas Young, Chicago, Ill.
Str †Booth, E. L.....	4626	3584	404x50x28	1890	H. K. Oakes, Mgr., Cadillac S. S. Co., 1327 Rockefeller Bldg., Cleveland, O.	
Str †Bope, H. P.....	5750	4422	540x56x30	1907	Interlake Steamship Co., Cleveland, O.	
Str †Bos, C. J.....	34	23	59x14x 7	1898	Wm. Ver Duin et al., Grand Haven, Mich.	
Bge Boscobel	76	76	76x26x 5	1880	George Tryon, Oshkosh, Wis.	
Str †Boston	4184	3283	350x48x30.9	1913	Western Transit Co., Buffalo, N. Y.	
Sch Bottsford, R.	499	474	167x32x12	1882	Saginaw Bay Trans. Co., Cleveland, O.	
Sch Bourke, Mary N... 920	874	219x35x16	1889	Joseph Sellwood, Duluth, Mgr., estate of Thos. Nester, Detroit, Mich.		
Str Boutin, N.	46	23	68x18x 9	1882	Greiling Bros., Green Bay, Wis.	
Cbt Bowne, S.W.	159	159	93x17x10	1912	Nellie W. Follette, Tonawanda, N. Y.	
Sch Boyce, G. J.....	319	303	136x30x10	1884	Ole Hanson, Milwaukee, Wis.	
Str Boyce, Isabella J... 368	316	138x30x11	1889	Pringle Barge Line, 327 Rockefeller Bldg., Cleveland, O.		
Str Boyce, Mary H....	700	476	181x34x14	1888	F. W. Smith, Milwaukee, Wis. (Rebuilt 1902.)	
Tug Boyd, Harry H....	36	24	68x15x 7	1895	Simon Schacht, Erie, Pa. (Rebuilt 1906.)	

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Tug	Boynton, C. L.	103	51	86x21x12	1894	Great Lakes Towing Co., Cleveland, O.
Str	Bradley, Chas. H. . . .	804	624	201x37x15	1890	O. W. Bloodgett, Bay City, Mich.
Str	†Bradley, M. A.	5539	4127	460x52x30	1908	Alva S. S. Co., M. A. Bradley, Mgr., Cleveland, O.
Sch	Brainard, Katie . . .	412	393	169x30x10	1871	Grant Horn, Sarnia, Ont.
Sch	Brake, Wm.	318	302	143x26x12	1867	Peter La Croix, Port Huron, Mich.
Str	†Brandon	2338	1691	244x43x27	1910	Rutland Transit Co., Ogdensburg, N. Y.
Str	†Bransford	4657	3386	414x50x28	1902	Acme Transit Co., Cleveland, O.
Str	†Brazil	2186	1655	276x40x24	1890	North American Steamship Co., Duluth, Minn.
Tug	Breyman, G. H.	60	41	75x19x 9	1903	John B. Breyman, Toledo, O.
Tug	Breyman, John B. . .	59	40	71x18x 9	1885	John B. Breyman, Toledo, O. (Rebuilt 1904.)
Dge	†Brian Boru	348	295	96x28x 8	1889	Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Sch	Brier	87	59	99x16x 6	1882	Lemont Lime Stone Co., Chicago, Ill.
Sch	Brightie	600	570	182x33x13	1868	O. W. Bloodgett, Bay City, Mich.
Bge	Brink, Ben	317	317	150x29x 9	1888	Whitney Bros, Co., Superior, Wis.
Str	†Britannia	791	401	164x45x18	1905	Detroit, Belle Isle & Windsor Ferry Co., Detroit, Mich.
Str	†Briton	2348	1875	296x40x25	1891	Pittsburg Steamship Co., Cleveland, O.
Tug	Brockway, Geo. E. . .	164	82	112x20x11	1867	Great Lakes Towing Co., Cleveland, O.
Str	Brogan, L. T.	55	30	66x18x10	1906	Nau Tug Line, Green Bay, Wis.
Str.	Brokate	140	112	91x26x..	1909	E. Jacques & Sons, Inc., Duluth, Minn., and Detroit, Mich.
Str	†Brooks, LeRoy	41	25	75x14x 8	1891	Herman D. Rehberg, Middle Bass Island, O.
Str	†Brower, A. G.	3582	2778	346x48x28	1902	Great Lakes Transp. Co., Rockefeller Bldg., Cleveland, O.
Str	Brower, Henry F., . .	30	15	60x15x 7	1882	Gust Gunderson, Sheboygan, Wis.
Sch	Brown, Belle	217	207	124x27x 9	1873	Estabrook-Skeele Lumber Co., Chicago, Ill.

Str †Brown, Harvey H.	2673	1874	351x42x25	1894 Northwestern Trans. Co., Detroit, Mich.
Str †Brown, J. J. H.	5069	3787	432x52x28	1908 Brown Steamship Co., Buffalo, N. Y.
Str Brown, M. P.	60	54	88x15x 6	1890 M. S. Kelsey, Rochester, N. Y.
Str Brown R. C.	184	116	121x24x 6	1910 Cook & Brown Lime Co., Oshkosh, Wis.
Tug Brown, Tom	37	18	65x14x 8	1870 Wm. Harman, Chicago, Ill. (Abandoned 1910.)
Str †Brown, W. L.	4998	3967	430x50x29	1901 Republic Transp. Co., M. A. Hanna & Co., Mgrs., Cleveland, O.
Str †Brown, W. W.	3582	2778	346x48x28	1902 Great Lakes Transp. Co., Rockefeller Bldg., Cleveland, O.
Str †Brownell, Geo. F.	2615	1778	325x41x26	1888 Erie Railroad Lake Line, Buffalo, N. Y.
Tug Bruce, B. F.	35	17	58x15x 8	1873 Charles Roe, Harbor Springs, Mich. (Re-built 1902.)
Bge †Bryn Mawr	4294	3853	400x50x27	1900 Pittsburg Steamship Co., Cleveland, O.
Tug Buckeye	32	22	55x14x 6	1901 George M. Downer, Cleveland, O.
Sch Buckeye State	518	492	171x32x11	1873 Atlantic Coast S. S. Co., New York, N. Y.
Tug Buckhead, L.	32	16	61x16x 8	1883 Greiling Bros., Green Bay, Wis.
Str Buckley, Edward.	414	313	144x31x11	1891 A. B. Klise, Petoskey, Mich.
Str Buell, F. R.	951	743	194x35x23	1888 Tonawanda Barge Line, Charles Weston Mgr., N. Tonawanda, N. Y.
Str †Buffalo	3951	3272	381x50x29	1899 Western Transit Co., Buffalo, N. Y.
Sch Buffalo	738	711	215x35x15	1871 James Olenner, Tonawanda, N. Y.
Scw Buffalo	193	193	145x30x 7	— Erie Railroad Lake Line, Buffalo, N. Y.
Sch Buffalo	131	105	95x 9x 9	1885 Bernard D. Bird, Buffalo, N. Y.
Str †Buffington, Eugene J.	7528	5839	580x58x32	1909 Pittsburg Steamship Co., Cleveland, O.
Str Bulgaria	1888	1486	280x39x20	1887 J. H. Osterloh, Green Bay, Wis.
Str †Bunsen, Robt. W.	5181	4012	439x50x31	1900 Pittsburgh Steamship Co., Cleveland, O.
Str Burger	47	32	69x18x 8	1903 John Coffey, Manistique, Mich.
Str †Burlington	2285	1393	244x43x27	1908 Rutland Transit Co., Ogdensburg, N. Y.
Str Burnham, George	332	219	149x29x10	1880 Naugle Pole & Tie Co., Chicago, Ill.
Sch Burton, Lomie A.	203	193	128x25x10	1873 Herman Krone, Milwaukee, Wis. (Lost 1911.)
Str Burton, R. A.	361	329	125x34x 7	1898 A. I. Holloway, Buffalo, N. Y.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Gas	Busy Dollar	33	29	53x10x4	1912	Wm. Schroeder Jr., Princeton, Wis.
Sch	Butcher Boy	348	308	147x29x11	1868	Estabrook-Skeele Lumber Co., Chicago, Ill.
Tug	Butler, Frank S.	38	19	65x14x7	1865	A. Q. Thacker, Toledo, O.
Str	†Butler, Joseph G.	6588	5174	525x55x31	1905	Hutchinson & Co., Cleveland, O.
Sch	Butman, Myron	424	403	164x31x12	1885	Adolph Green, Green Bay, Wis.
Gyt	Butterfly	47	32	87x12x7	1907	E. R. Thomas, Buffalo, N. Y.
Str	Butters, Marshall F.	376	229	164x30x11	1882	O. E. Parks, Michigan City, Ind.
Scw	B. W. 16	116	116	89x12x..	1891	Butler Bros., Duluth, Minn.
Str	†Byers, A. M.	6364	4841	504x54x30	1910	North America S. S. Co., Duluth, R. A. Williams, Cleveland, Mgr.
Tug	Byers, James	54	27	69x17x9	1888	Great Lakes Towing Co., Cleveland, O.
C						
Str	Cadwell, C. W.	593	212	164x37x17	1911	Cadwell Transit Co., Duluth, Minn.
Sts	Cahill, Walter	45	14	70x17x8	1911	Great Lakes Dredge & Dock Co., Chicago, Ill.
Str	†Calcite	3996	2459	416x54x29	1912	Calcite Transportation Co., foot Orleans st., Detroit, Mich.
Bge	Calcium	345	345	...x...x..	1899	Empire Limestone Co., Buffalo, N. Y.
Str	†Caldera	6328	4686	504x54x30	1908	Croxton S. S. Co., A. T. Kinney, Mgr., Rockefeller Bldg., Cleveland, O.
Str	Caledonia	2197	1509	277x42x21	1888	Boland & Cornelius, Mgrs., Caledonia S. S. Co., Buffalo, N. Y.
Sch	Calkins, Bertie	256	243	134x28x9	1874	R. R. Hinckley, Oswego, N. Y.
Str	Callista, J. W.	35	24	60x13x6	1890	Robert C. Ludwig, et al., Michigan City, Ind.
Str	†Calumet	4928	3673	420x52x28	1907	Interlake Steamship Co., Pickands, Mather & Co., Mgrs., Cleveland, O.

Tug	Calumet	62	31	73x19x9	1892 C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Sty	Calypso	60	41	89x14x8	1907 John E. McIntosh, Cayuga, N. Y.
Stp	Cambria	48	24	94x13x6	1894 John Stevens, Neenah, Wis.
Stp	†Canadiana	974	427	209x45x16	1910 Lake Erie Excursion Co., Buffalo, N. Y.
Sty	Cangarda	116	63	103x18x10	1901 W. H. Hanson, Schenectady, N. Y.
Str	Canisteo	595	539	182x34x12	1886 E. Jacques & Son, Duluth, Minn.
Str	†Canopus (see Geo. H. Russell)	3770	3770	464x50x28	1905 Interlake Steamship Co., Cleveland, O.
Sch	Capitola	31	31	49x16x3	1904 John B. Lozen, New Baltimore, Mich.
Sty	†Capitola	123	83	137x19x10	1904 Harry T. Wicks, Saginaw, Mich.
Str	†Capt. Hemans	34	26	50x10x4	1902 Weston U. Cline, Massena, N. Y.
Str	Captain Visger	29	15	78x13x6	1895 O. G. Staples, Washington, D. C.
Bge	Carbonate	94	94	116x28x4	1896 Empire Limestone Co., Buffalo, N. Y.
Str	Carbray, Felix	591	451	218x33x22	1881 Chesbrough Bros., Emerson, Mich.
Str	Carl	33	16	57x16x8	1889 A. G. Regan, Cleveland, O.
Str	†Carnegie, Andrew	4106	3067	403x48x28	1897 Wilson Transit Co., Cleveland, O.
Sch	Carney, Fred	361	342	152x30x10	1883 Ogdensburg C. & T. Co., Ogdensburg, N. Y.
Str	Carolina	1304	887	220x40x21	1892 Goodrich Trans. Co., Chicago, Ill.
Yt	Caroline	146	83	118x18x..	1909 Edward Ford, Toledo, O.
Sch	Carpenter, A. A.	540	524	165x33x13	1881 Adolph Green, Green Bay, Wis.
Sch	Carrier	187	177	123x26x8	1865 John M. Anderson, Chicago, Ill.
Tug	†Carrington, M. D.	64	32	67x16x9	1875 Great Lakes Towing Co., Cleveland, O.
Bge	†Carrington	3180	2861	352x44x26	1897 Pittsburg Steamship Co., Cleveland, O.
Str	Carte, W. J.	235	171	122x28x10	1886 Thomas E. Finn, Marinette, Wis.
Str	Carter, B. F.	160	101	112x28x5	1877 Cook & Brown Lime Co., Oshkosh, Wis. (Abandoned.)
Str	†Carter, E. D.	6359	5063	504x54x30	1906 E. D. Carter, Erie, Pa.
Tug	Cascade	72	49	72x19x11	1895 Great Lakes Towing Co., Cleveland, O.
Str	Case	2278	1901	286x42x22	1889 W. J. Willoughby, Willoughby, O.
Sch	Case, J. I.	827	786	208x35x15	1874 Edward Hines Lumber Co., Chicago, Ill.
Str	†Castalia	3125	2229	364x40x26	1890 Brown Steamship Co., Cleveland, O. (Rebuilt 1905.)
Str	Castanet	46	32	69x14x..	1909 Ranney Fish Co., Cleveland, O.
Sty	Catherine	46	30	67x18x7	1892 Harry T. Wicks, Saginaw, Mich.

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AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Stp	†Cayuga	2167	1139	306x37x15	1906	Niagara Navigation Co., Toronto, Can.
Str	†Cayuga	27	17	57x13x 5	1872	Isaac L. Lanford, Montague, Mich.
Str	†Centurion	3401	2728	360x45x27	1893	Hopkins S. S. Co., (Cleveland-Cliffs I. Co., Mgr.), Cleveland, O.
Str	†Cepheus	4551	3451	416x50x28	1903	Interlake Steamship Co., Cleveland, O.
Str	(nee F. W. Gilchrist) †Cetus	4720	3282	416x50x28	1903	Interlake Steamship Co., Cleveland, O.
Sch	(nee H. S. Sill) Challenge	87	82	87x23x 7	1852	John O'Brien, Chicago, Ill. (Abandoned 1910.)
Tug	Chamberlin, H. L. . . .	56	28	65x17x10	1889	Great Lakes Towing Co., Cleveland, O. (Abandoned.)
Sch	Chambers, Charles. . .	90	85	67x22x 7	1895	Chas. Chambers, Detroit, Mich.
Str	†Champlain	5494	4153	444x56x31	1910	Northern Lakes S. S. Co., G. Vonden Steinen, Mgr., Cleveland, O.
Str	Charlotte	39	27	83x16x 5	1912	Fix Bros., Buffalo, N. Y.
Str	Charlotte	41	28	62x17x 6	1912	E. S. Williamson, Erie, Pa.
Tug	Charm	25	18	61x16x 5	1885	Alexander MacIver, Cleveland, O.
Tug	Charnley, C. M. . . .	83	41	78x19x 9	1882	Great Lakes Towing Co., Cleveland, O.
Tug	Chase, Stephen	45	31	69x16x 6	1902	Geo. Owen, Ashtabula, O.
Stp	†Chateaugay	742	576	196x30x10	1888	Champlain Transp. Co., Burlington, Vt.
Sch	Chattanooga	2339	2266	306x44x25	1898	Cleveland-Cliffs Iron Co., Cleveland, O.
Tug	†Chattanooga	47	32	61x16x 8	1910	Booth Fisheries Co., Chicago, Ill.
Scw	Cheboygan	95	95	. . . x . . .	1894	Whitney Bros. Co., Superior, Wis.
Str	†Chemung. (See Geo. F. Brownell)	1304	1019	208x36x22	1889	Shannon & Garey, Saginaw, Mich.
Str	Cherokee	746	589	205x30x20	1874	Goodrich Transportation Co., Chicago, Ill.
Tug	Chicago	40	20	60x18x 9	1882	Great Lakes Towing Co., Cleveland, O.
Str	†Chicago	3195	2546	325x44x28	1901	Western Transit Co., Buffalo, N. Y.
F. B.	Chicago	78	12	81x18x 7	1882	Chicago Fire Dept., (Rebuilt 1901.)
Sch	Chickamauga	2472	2399	322x45x22	1898	W. C. Richardson & Co., Cleveland, O.

Scw Chief, No. 1.....	71	80x20x 5	1901 Oshkosh Builders' Supply Co., Oshkosh, Wis.
Scw Chief, No. 2	123	105x24x 6	1907 Oshkosh Builders' Supply Co., Oshkosh, Wis.
C. F. †Chief Wawatam	2990	324x62x25	1911 Mackinac Transp. Co., St. Ignace, Mich.
Sch Chieftain	2704	342x46x21	1902 James Davidson, Bay City, Mich.
Str †Chili. (See Canadian Str. Sarnian)			
Scw Chinook	316	121x32x 8	1904 Eli Jacques, Duluth, Minn.
Str Chipman, Susie	216	122x26x 9	1885 Julius Kroos, Sheboygan, Wis.
Str Chippewa	398	250	1884 Arnold Transit Co., Mackinac Island, Mich.
Str Chisholm Jr., Alva S.	435	259	1900 Kelley Isl. Lime & T. Co., Cleveland, O.
Str Choate, Leander ..	279	176	1908 Oshkosh Steamboat Co., Oshkosh, Wis.
Str †Choctaw	1573	1256	1892 Cleveland-Cliffs Iron Co., Cleveland, O.
Sch Christiana	32	31	1874 Krist Teroges, Marinette, Wis.
Str Christie, T. S.....	517	471	1885 Herman H. Hettler Lumber Co., Chicago, Ill.
Str †Christopher	4260	3137	1901 Christopher Steamship Co., Gary, Ind., D. Sullivan & Co., Chicago, Mgrs.
Stp †Christopher Columbus	1511	945	1893 Goodrich Transit Co., Chicago, Ill.
Tug †Cincinnati	47	32	1910 Booth Fisheries Co., Chicago, Ill.
Sly Cinderella	28	27	1886 F. E. Woodworth, Rochester, N. Y.
Stp †City of Alpena II., 1735	1282	266x38x24	1893 D. & C. Nav. Co., Detroit, Mich.
			(see City of Alpena)
Str †City of Bangor.....	4202	3058	1896 The Lake Transit Co., Bay City, Mich.
Tug City of New Baltim	80	60	1875 Thomas Isabell, Sturgeon Bay, Wis.
Str †City of Benton Harbor	1286	811	1904 Graham & Morton Trans. Co., Chicago.
Str City of Berlin	2051	1711	1891 Henry Wineman Jr., Detroit, Mich.
Stp City of Boyne	99	67	1883 Oscar E. Wilbur, Charlevoix, Mich.
Stp †City of Buffalo.....	2940	1604	1896 C. & B. Transit Co., Cleveland, O. (Re-built 1904.)
Stp City of Cheboygan.	247	163	1890 Island Transp. Co., St. Ignace, Mich.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Sch	City of Chicago...	327	310	140x30x11	1861	E. Hines Lumber Co., Chicago, Ill.
Stp	†City of Chicago..	1439	1012	254x34x24	1890	Graham & Morton Trans. Co., Chicago, Ill. (Rebuilt 1905.)
Stp	City of Cleveland.	4568	2403	402x54x22	1907	D. & C. Navigation Co., Detroit, Mich.
Str	†City of Detroit III.	.....	.....	455x55x22	1912	Detroit & Cleveland Nav. Co., Detroit, Mich.
Stp	†City of Detroit II.	1919	1454	286x41x26	1889	D. & C. Nav. Co., Detroit, Mich.
Stp	†City of Erie.....	2498	1280	316x44x29	1898	C. & B. Transit Co., Cleveland, O.
Str	City of Genoa...	2109	1773	301x43x20	1892	Gilchrist Transportation Co., Cleveland, O. (Lost in 1911.)
Sch	City of Grand Haven	200	190	127x26x 9	1872	Frank Geele, Sheboygan, Wis.
Bge	City of Glasgow..	958	958	196x50x16	1891	Thomas H. Smith Stone Co., Sturgeon Bay, Wis.
Stp	†City of Grand Rapids	3061	1572	291x48x27	1912	Graham & Morton Transportation Co., Chicago, Ill.
Stp	†City of Mackinac II	1749	1277	266x38x24	1893	D. & C. Nav. Co., Detroit, Mich.
Str	City of Marquette	341	295	114x25x 9	1890	Hill Steamboat Line, Kenosha, Wis.
Str	City of Mt Clemens	132	97	106x23x 9	1884	City of Cleveland, O.
Str	City of Naples...	2109	1772	301x43x25	1892	Tonawanda Iron & Steel Co., N. Tonawanda, N. Y.
Str	City of Paris.....	2062	1714	298x41x21	1891	S. P. Cranage, Bay City, Mich.
Str	City of Rome.....	1908	1594	268x40x22	1881	Shippers Transit Co., Rockefeller Bldg., Cleveland, O.

Stp	†City of St. Ignace	.....1923	1324	272x40x26	1886 D. & C. Navigation Co., Detroit, Mich.
Sch	City of Sheboygan	248	210	135x27x10	1871 W. Schlosser, et al., Milwaukee, Wis.
Stp	†City of S. Haven.	1719	1169	232x40x16	1903 Chicago & South Haven S. S. Co., South Haven, Mich.
Stp	†City of the Straits	.....1094	811	234x35x23	1878 D. & C. Nav. Co., Detroit, Mich.
Stp	†City of Toledo	.....1003	654	212x31x13	1891 White Star Line, Detroit, Mich.
Str	City of Travers.	1153	925	214x32x22	1871 Graham & Morton Transp. Co., Chicago, Ill.
Str	Clara B. (nee Edward L.)	... 53	36	65x16x 8	1899 Herman Balow, St. Joseph, Mich. (Rebuilt 1911.)
Gas	Clara S.	..... 30	29	43x13x 6	1909 Fred Wilke, Two Rivers, Wis.
Cbt	Clark, John W.	... 99	94	95x17x..	1890 J. B. Pashby, Burlington, Vt.
Str	†Clarke, E. A. S.	4713	3159	416x50x28	1899 John Mitchell, Cleveland, O.
Gyt	Clarke, J. V.	... 41	27	68x14x 5	1910 H. B. Clarke, Chicago, Ill.
Str	†Clement, Stephen M.	5821	4487	480x52x30	1905 John Mitchell, Mgr., Buffalo S. S. Co., Cleveland, O.
Pol Bt	Cleveland, Grover.	... 59	40	63x16x..	.... City of Buffalo, N. Y.
Sch	Clijnt, D. K.	..... 729	692	168x32x20	1872 H. N. Jex, Toledo, O.
Str	Clinton	..... 124	62	96x25x 6	1898 Kelley Island L. & T. Co., Cleveland, O.
Str	Clyde	.....1306	1158	256x36x19	1881 Norris & Co., Chicago, Ill.
Sch	Coates, L. B.	..... 189	179	116x25x 8	1874 William McCullough, Port Huron, Mich.
Tug	Coates, Peter	... 32	20	61x15x 7	1886 Booth Fisheries Co., Chicago, Ill.
Sch	Cobb, Ahira	..... 945	897	201x33x20	1872 M. A. Bradley, Cleveland, O.
Str	†Codorus	.....2165	1802	275x40x26	1892 Erie & Western Trans. Co., Anchor Line, Buffalo, N. Y.
Str	Coe, S. S.	..... 31	15	66x15x 6	1868 Independent Tug Line, Milwaukee, Wis.
Str	Coffinberry, H. D.	... 778	509	191x33x21	1874 F. W. Schwentner, 911 Schofield Bldg., Cleveland, O.
Str	Colborn, A. R.	..... 275	207	127x28x10	1881 Douglass Transp. Co., St. Clair, Mich.
Str	†Cole, Thomas F.	...7268	5484	580x58x32	1906 Pittsburg Steamship Co., Cleveland, O.
Str	†Colgate, Jas. B.	.....1713	1318	308x38x24	1892 Pittsburg Steamship Co., Cleveland, O.
Str	Collinge (nee Cumberland)	.....1601	1280	251x38x21	1888 Capt. Frank Peterson, 47 Wellsboro Apts., Toronto, Ont.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	†Colonel	3879	3044	356x50x28	1901	Michigan Steamship Co., Detroit, Mich.
Sty	†Colonial	259	151	163x22x..	1899	Fred M. Alger, Detroit, Mich.
Str	Colonial	110	80	91x17x..	1895	Dewitt Mickley, Waterloo, N. Y.
Str	Colonial	1501	1188	244x36x21	1882	Reid Wrecking Co., Sarnia, Ont.
Tug	†Colton, A. W.	92	48	81x18x10	1881	Great Lakes Towing Co., Cleveland, O.
Dge	Columbia	522	392	124x40x 8	1903	Great Lakes Dredge & Dock Co., Chicago, Ill.
Str	Columbia	26	17	58x12x 4	1896	Jasper Ellis, Clayton, N. Y.
Str	Columbia	1373	1053	235x39x20	1881	Richard Williamson, Niagara Falls, N. Y.
Scb	Columbia	130	104	92x17x 9	1889	Joseph W. Otts, Buffalo, N. Y.
Str	Columbia	83	41	81x17x 8	1892	Peter Anderson, Marquette, Mich.
Tug	†Columbia	114	77	84x20x11	1900	Michael Sullivan, Buffalo, N. Y.
Stp	†Columbia	968	549	216x45x13	1902	Detroit, Belle Isle & Windsor Ferry Co., Detroit, Mich.
Tug	Columbia	62	31	74x17x..	1888	Great Lakes Towing Co., Cleveland, O.
Str	Columbia	96	65	101x20x 7	1892	Henry J. Roe, Harbor Springs, Mich.
Str	†Columbia	162	87	103x29x 9	1885	Clow & Nicholson Transportation Co., Duluth, Minn.
Bge	Columbian	356	338	138x26x13	1864	Wm. H. Shelton, Dunkirk, N. Y.
Str	Columbian	26	22	59x13x 4	1905	Geo. M. Maley, Sandusky, O.
Gas	†Columbus Y. C.	60	52	66x13x 6	1905	O. C. Hartman, Duluth, Minn.
Sty	†Comanche	357	190	167x25x15	1892	H. M. Hanna, Cleveland, O.
Str	†Commerce	280	190	114x33x13	1911	Merchants Lightship Co., Chicago, Ill.
Dge	Commerce	112	98	99x19x 6	1878	Doville Lake Sand & Gravel Co., Toledo, O.
Sch	Commodore	586	565	176x34x12	1880	Frank Desot, Tonawanda, N. Y.
Str	Commodore	2082	1927	265x42x25	1875	Naval Reserve, Chicago, Ill.
Str	Commodore Perry..	34	26	62x15x 7	1908	John Hamburger, Fish Commissioner, Erie, Pa.
Gyt	Companion	25	21	53x11x..	1909	John G. Dorn, Sandusky, O.
Scw	Company I.	25	25	...x...x..	1897	Whitney Bros. Co., Superior, Wis.
Str	†Conemaugh	3898	2967	352x46x30	1909	Anchor Line, E. & W. T. Co., Buffalo, N. Y.

Scw	†Connaught	.....	316	125x32x..	1909	Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Str	Conestoga	.....	1726	252x36x26	1878	Crosby Trans. Co., Grand Haven, Mich.
Str	†Congdon, C. A.	..6530	4843	532x56x31	1907	Continental Steamship Co., G. A. Tomlinson, Mgr., Duluth, Minn.
	(nee Salt Lake City)					
Str	Conger, Omar D.	... 196	131	92x26x11	1882	Port Huron & Sarnia Ferry Co., Pt. Huron, Mich. (Rebuilt.)
Sch	Connelly Bros.	.....	751	201x36x14	1896	W. E. Holmes & Co., Agents, Chicago, Ill.
Tug	Connelly, Dan.	.....	36	65x17x 6	1887	Sandusky Tug Co., Sandusky, O.
Str	†Conover, C. H.	.....	203	99x30x12	1905	Merchants Lighterage Co., Chicago, Ill.
Str	Constitution	.....	96	89x19x 8	1864	James Magee, Duluth, Minn.
Tug	Constitution	.....	46	72x16x 9	1900	Great Lakes Towing Co., Cleveland, O.
Bge	†Constitution	.....	3862	438x44x26	1897	Interlake Steamship Co., Pickands, Mather & Co., Mgrs., Cleveland, O. (Rebuilt 1905.)
Str	Contaluta	.....	38	75x13x 5	1893	Norman D. Carpenter, Detroit, Mich.
F. B.	Conway, Michael W.	.. 144	99	96x24x 9	1906	Fire Department, Chicago, Ill.
Bge	Cook, Bob	.....	224	99x28x..	1907	E. F. England, Duluth, Minn.
Sch	Cook, Mary Ellen.	.. 132	126	118x26x 8	1875	James R. Roper, Menominee, Mich.
Str	†Cook, Robert H.	... 157	78	102x21x10	1882	Lake Champlain Trans. Co., Whitehall, N. Y.
Str	†Cooke, Delos W., nee Starrucca.	..3398	2067	325x44x28	1897	Erie Railroad Lake Line, Buffalo, N. Y.
Tug	Cooper, George	.....	53	68x18x 9	1891	Great Lakes Dredge and Dock Co., Chicago, Ill.
Str	Cooper, Ralph M.	... 36	26	59x15x 6	1893	Henry Devine, Sturgeon Bay, Wis.
Sch	Cora A.	.....	381	149x32x11	1889	H. Estabrook, Skeele Lumber Co., Chicago, Ill.
Sch	Cora	.....	44	70x17x 6	1879	John Lockland, Menominee, Mich.
Sch	Coral	.....	105	88x24x 8	1865	Thos. Millor, Boyne City, Mich.
Str	†Coralia	.....	4330	412x48x28	1896	Pittsburg Steamship Co., Cleveland, O.
Str	†Corey, Wm. E.	...6363	5045	557x56x31	1905	Pittsburg Steamship Co., Cleveland, O.
Bge	†Corliss, George H.	..3259	3124	352x44x26	1896	Pittsburg Steamship Co., Cleveland, O.
Str	Cornelia	.....	38	62x16x 8	1882	John C. Hines, Asst. Sec. N. C. Ry. Co., Philadelphia, Pa.
Sch	Cornelia	.....	100	82x21x 8	1880	Duane H. Fairchild, Oswego, N. Y.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	Cornelia	59	40	88x15x 8	1898	Marshall D. Wilber, Chicago, Ill.
Str	+Cornelius, Adam E.	4900	3736	420x52x28	1908	Boland & Cornelius, Buffalo, N. Y.
Str	Cornell, Ezra	30	15	72x11x 7	1900	E. G. Wyckoff, Ithaca, N. Y.
Tug	Cornell	65	32	72x17x11	1888	Great Lakes Towing Co., Cleveland, O.
Str	+Cornell	5082	3986	454x50x29	1900	Pittsburgh Steamship Co., Cleveland, O.
Sch	Corning, Ida	444	422	168x31x11	1881	Sturgeon Bay Stone Trans. Co., Sawyer, Wis.
Str	Corona	51	18	64x17x 6	1892	Arthur S. Osborn, Mgr., The Osborn Sand Co., Duluth, Minn. (Rebuilt in 1907.)
Tug	Corona	28	14	64x17x 8	1892	Wm. A. Osborne, Mgr., Duluth, Minn.
Str	+Corrigan, James	6971	5482	530x56x31	1908	Frontier S. S. Co., W. M. Mills, Mgr., Tonawanda, N. Y.
Sch	Corry, Mike	380	361	153x29x11	1874	Hugh R. Havey, Detroit, Mich.
Str	Corsair	36	29	58x10x 5	1887	Philip Mago, Jr., Tonawanda, N. Y.
Str	+Corsica	2364	1786	299x40x25	1888	Pittsburgh Steamship Co., Cleveland, O.
Str	+Cort, Henry	2234	1571	320x42x25	1892	Pittsburgh Steamship Co., Cleveland, O.
Str	+Corvus (nee J. L. Weeks)	4551	3451	416x50x28	1903	Interlake Steamship Co., Cleveland, O.
Str	Costello, Dan	27	13	47x14x 7	1874	Adam Paczocha, Milwaukee, Wis.
Str	+Cotton, Nellie	37	20	63x15x 8	1867	N. M. DeHaas, Marquette, Mich.
Str	+Coulby, Harry	6495	4939	549x56x31	1906	Great Lakes Steamship Co., Rockefeller building, Cleveland.
Str	+Courtney, L.	48	33	61x16x..	1909	Booth Fisheries Co., Chicago, Ill.
Str	+Cowles, John B.	6614	5134	525x58x31	1910	Great Lakes Steamship Co., Rockefeller Bldg., Cleveland.
Str	+Cowles, Theo. E.	33	22	49x15x 7	1905	Lotta R. Cowles, Buffalo, N. Y.
Sch	Coyne, Emma L.	497	472	155x33x13	1867	Great Lakes Dredge & Dock Co., Chicago, Ill.
Tug	Craig	32	21	53x15x 7	1905	South Haven Towing & Wrecking Co., So. Haven, Mich.

Str †Craig, Geo. L.....	3762	3130	360x50x28	1903	John Craig, Mgr., Toledo, O.
Str †Crawford, Geo. G....	7971	6196	585x60x32	1906	Pittsburgh S. S. Co., Cleveland, O
Str †Crawford, W. D.			504x54x30	1914	Virginia Steamship Co., M. A. Hanna & Co., Mgrs., Cleveland, O.
Str †Crerar, John	1550	955	241x41x18	1903	Gt. Lakes & St. Lawrence Trans. Co., D. Sullivan, Mgr., Chicago, Ill.
Str Crescent	71	50	77x17x14	1890	W. T. Johns, Duluth, Minn.
Tug Crescent	385	297	135x34x 9	1910	Lotta L. Cowlis, Buffalo, N. Y.
Str †Crescent City	4213	3675	406x48x28	1897	Pittsburgh Steamship Co., Cleveland, O.
Str Cresco	62	36	75x17x 6	1882	John W. Hatch, Ogdensburg, N. Y. (Burned.)
Str Cresswell	33	15	56x15x 6	1882	James Stewart & Co., New York, J. E. Lowe, Buffalo, N. Y.
Sch Crete	2040	1920	288x44x19	1897	W. C. Richardson & Co., Cleveland, O. (Lost 1913.)
Str †Crete	6189	4764	480x52x30	1907	Interlake Steamship Co., Pickands, Mather & Co., Mgrs., Cleveland, O.
Cbt Crombie, Wm. A....	113	107	94x17x..	1881	S. E. Newell, Burlington, Vt.
Tug Crosby	35	17	66x15x 7	1889	John Shea, Duluth, Minn.
Stp Crosby, E. G.....	2142	1457	203x40x24	1881	Crosby Transportation Co., Grand Haven, Mich. (Rebuilt 1909.)
Tug Crosby, E. G.....	84	42	89x18x10	1892	Great Lakes Towing Co., Cleveland, O.
Str Crouse, J. S.....	82	72	89x17x 8	1898	Charles Anderson, Sheboygan, Wis.
Bge Cuba Libre	195	195	98x25x11	1895	Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Str Cuckoo	36	24	51x13x 5	1907	Sarah A. Rogers, Saugatuck, Mich.
Str †Cuddy, Loftus	6829	5361	525x55x31	1906	John Mitchell, Cleveland, O.
Scw †Cuilene Rhu	160	160	68x24x..	1907	Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Sch Culbert, Belle W..	31	26	52x17x 6	1898	Booth Fisheries Co., Chicago, Ill.
Gas Cruso	207	162	86x20x..	1909	Hibbard Spencer Bartlett Co., Chicago, Ill.
Str Culligan	1558	1274	263x39x20	1883	Boland & Cornelius, Mgrs., Buffalo, N. Y. (Founded 1912.)

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Gyt	Cynthia	25	17	50x15x 5	1910	Gilbert H. Hoxie, Chicago, Ill.
Cbt	Cull, Geo. D.	95	17	...x...x..	1888	The Lake Champlain Trans. Co., Whitehall, N. Y.
Str	Cumberland.	(See Collinge)				
Str	Currie, R. W.	36	18	60x14x 7	1882	John Pasque, Bayfield, Wis.
Str	†Curry, S. S.	3931	2901	432x45x26	1893	Hawgood & Avery Transit Co., Cleveland, O.
Str	Curtis, C. F.	691	522	196x32x13	1882	Edward Hines Lumber Co., Chicago, Ill.
Bge	Cutler, Dwight G.	468	468	167x36x..	1907	Kelley Island Lime & Transport Co., Cleveland, O.
Gas	Cuyler, Glen	60	57	84x20x 5	1859	D. H. Lahey, Two Rivers, Wis.
Str	Cygnat	59	40	69x15x..	1908	Charles W. McConnell, Indian River, Mich.
Str	†Cygnus	4725	3393	416x50x28	1903	Interlake Steamship Co., Cleveland, O.
	(nee J. C. Gilchrist)					
Sty	†Cynthia	103	70	120x18x 7	1895	M. B. Mills, Detroit, Mich.
D						
Bge	D 33	457	457	118x33x..	1901	Great Lakes Dredge & Dock Co., Chicago, Ill.
Bge	D 34	457	457	118x33x..	1901	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw	D 35	607	607	137x36x..	1903	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw	D 36	607	607	137x36x..	1903	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw	D 37	715	675	130x36x..	1904	Great Lakes Dredge & Dock Co., Chicago, Ill.
Gas	D. B. C. III.	30	25	59x11x..	1906	Detroit Boat Club, Detroit, Mich.
Tug	Dahl, Peter	28	14	53x14x 5	—	Charles Delover, Tonawanda, N. Y.
Tug	†Dahlke, H.	442	374	142x35x11	1908	Lake Sand Co., Chicago, Ill.
Tug	Dahlmer, Margaret.	...	...	70x...x..	1909	Capt. John Dahlmer, Dunkirk, N. Y.
Cbt	Daily, George S.	110	110	95x17x 7	1896	Ira M. Rose, Tonawanda, N. Y.
Str	Dallas	269	...	133x22x..	1874	George L. Craig, Toledo, O.
Str	†Dalton, H. G.	1615	919	255x41x18	1903	Great Lakes & St. Lawrence Trans. Co., D. Sullivan, Mgr., Chicago, Ill.
Cbt	Danforth, L. B.	98	94	94x17x..	1882	Herbert Pashby, Burlington, Vt.

Gas	D'Artagnan	.....	26	18	84x10x5	1904	C. F. Leaf,	Chicago, Ill.
Str	†Davidson, A. D.	.....	1640	987	241x41x18	1903	Great Lakes & St. Lawrence Trans. Co., D. Sullivan, Mgr.,	Chicago, Ill.
Str	†Davidson, J. E.	.....	6206	4943	504x54x30	1904	Inter Ocean S. S. Co., G. A. Tomlinson, Mgr., Duluth, Minn.	
Str	†Davidson, Louis R.	.....	6356	4996	504x56x30	1912	Boland & Cornelius,	Buffalo, N. Y.
Str	Davidson, Thos.	.....	2226	1714	286x42x26	1888	Henry J. Pauley,	Milwaukee, Wis.
Gas	Davis, H. J.	.....	45	32	65x17x..	1908	C. I. Cook,	Menominee, Mich.
Sts	Davis, James F.	.....	193	131	100x28x6	1912	George W. Smalley,	Saugatuck, Mich.
Sch	Davis, Lyman M.	.....	195	185	112x27x11	1873	William Munroe et al.,	Muskegon, Mich.
Cbt	Davis, Moses	.....	116	110	96x17x..	1881	Alice Brunson,	St. Albans, Vt.
Tug	Davis, Townsend.	.....	67	33	70x19x11	1890	Great Lakes Towing Co.,	Cleveland, O.
Str	†Davocek, Wm. B.	.....	4468	3246	420x52x28	1906	Vulcan Steamship Co., R. H. Pigott, Mgr.,	Cleveland, O.
Bge	Dawn	.....	30	30	65x14x..	1901	Wm. Slate,	Alexandria Bay, N. Y.
Sch	Day, Eliza.	.....	139	132	97x25x8	1869	R. L. Gillingham,	Bay Port, Mich.
Tug	Day, Erastus	.....	69	35	70x20x10	1893	Great Lakes Towing Co.,	Cleveland, O.
Sch	Dayton	.....	462	439	184x30x10	1871	S. C. McLouth,	Marine City, Mich.
Str	†Defender	.....	88	60	85x18x9	1895	Lake Champlain Trans. Co.,	Whitehall, N. Y.
Str	†Delaware	.....	3901	3250	350x46x30	1905	Erie & Western Transit Co.,	Anchor Line, Buffalo, N. Y.
Sch	Delaware	.....	546	519	174x30x13	1868	O. W. Bloodgett,	Bay City, Mich.
G	Delphine	.....	27	18	68x11x3	1904	David K. Jeffries,	Chicago, Ill.
Tug	Delta	.....	47	23	65x19x9	1883	Great Lakes Towing Co.,	Cleveland, O.
Sch	Delta	.....	269	266	134x29x10	1890	E. Hines Lumber Co.,	Chicago, Ill.
Str	Dempsey, E. C.	.....	87	38	77x20x11	1910	The Kelley Island Lime & Transport Co.,	Cleveland, O.
Stp	Denessen, John	..	39	15	75x15x6	1883	Theo. J. Denessen,	Green Bay, Wis.
Stp	Denessen, Netie	.....	54	36	84x18x6	1884	Wm. Denessen,	Green Bay, Wis. (Rebuilt 1903.)
Str	†Denmark	.....	5448	4434	440x56x28	1909	Great Lakes Steamship Co.,	Rockefeller Bldg., Cleveland, O.
Sch	Denver	33	31	62x16x5	1887	E. W. Crapo,	Pillar Point, N. Y.
Scw	Derrick No. 4.	116	97	84x24x5	1901	Buffalo Dredging Co.,	Buffalo, N. Y.

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AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage		Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Scw	Derrick No. 5.....	329		329	x x	—	Great Lakes Dredge & Dock Co., Chicago, Ill.
Str	Desmond	456		355	149x30x12	1892	Cream City Sand Co., Milwaukee, Wis.
Tug	Desmond, John	44		30	69x16x 6	1900	Timothy J. Desmond, Dunkirk, N. Y.
Tug	Desmond, Tim	31		21	59x15x 6	1898	Simon Schacht, Erie, Pa.
Scw	Destroyer	106		30	356x35x...	....	Michael Sullivan, Buffalo, N. Y.
C. F. †	Detroit	2089		1307	284x64x20	1904	Michigan Central R. R. Co., Detroit, Mich.
Tug	Devney, Jas. P.....	27		17	64x15x 5	1890	Henry Leidheiser, Vermillion, O. (Abandoned.)
Str	Dewar, John D.....	52		41	72x15x 7	1885	Pere Marquette Line Steamers, Manistee, Mich.
Scw	Dewey	42		42	...x...x...	1897	Whitney Bros. Co., W. Superior, Wis.
Gas	Diana	25		20	60x12x 6	1906	E. C. Noe, Chicago, Ill.
Tug	Dickinson, Wm.	78		49	78x19x11	1893	Great Lakes Towing Co., Cleveland, O.
Str	†Dickson, Wm. B.....	7568		5712	580x58x32	1910	Pittsburg S. S. Co., Cleveland, O.
Cbt	Dieboldt, Louis G....	110		110	95x17x 7	1896	Ira M. Rose, Tonawanda, N. Y.
Tug	Dimick, Lorenzo....	42		21	65x16x10	1883	R. E. Evans, Cheboygan, Mich.
Sch	Dimmers, C. H.....	133		105	96x17x 9	1882	Cora J. Healy, Buffalo, N. Y.
Str	†Dinkey, Alva C.....	7514		5822	580x58x32	1908	Pittsburg Steamship Co., Cleveland, O.
Tug	Dittly, George.....	28		19	66x14x 5	1902	Lillian Mago, Tonawanda, N. Y.
Str	Dixie	50		31	72x13x 4	1904	W. W. Lefevre, Tustin, Wis.
Scy	Dixon, David	25		24	41x15x 5	1892	Benjamin F. Comfort, Detroit, Mich.
Tug	Dixon, S. O.....	29		14	53x15x 7	1892	John Martin, Saginaw, Mich.
Sch	Dobbin, D. P.....	448		425	162x32x12	1863	Reid Wrecking Co., Sarnia, Ont.
Scw	Dohearty, Mike.....	726		726	196x36x...	1899	Leatham & Smith Towing & Wrecking Co., Sturgeon Bay, Wis.
Sch	Dolan, Hubert J.	136		81	92x17x19	1912	Mary Dolan, Kingstons, N. Y.
Gas	Doloma	43		29	65x14x 7	1907	A. W. Howpe, Grand Rapids, Mich.
Gas	Dolphin	82		68	86x24x 7	1895	A. M. Chesbrough, Thompson, Mich.

Sch	Donaldson	420	399	155x31x13	1867	J. U. Karr, Cleveland, O. (Founded 1913.)
Str	†Donaldson, John A.	4315	3110	380x50x28	1908	Valley S. S. Co., W. H. Becker, Mgr., Cleveland, O.	
Str	Donaldson, Jas. P.	521	425	185x30x12	1880	W. H. Sharp, Bay City, Mich.	
Str	†Donner, W. H.	.....	.....	504x54x30	1914	Mahoning Steamship Co., M. A. Hanna & Co., Mgrs., Cleveland, O.
Cbt	Donohue, C. G.	107	101	96x17x..	1882	J. B. Pashby, Burlington, Vt.	
Str	†Doozie	.....	47	80x13x 4	1901	George Tebeau, Chicago, Ill.
Str	Dorner, Grace	.....	65	71x18x 6	1868	Pt. Huron & Sarnia Ferry Co., Port Huron, Mich.
Str	†Dornbos, H. J.	.....	44	63x15x 8	1901	Wm. Ver Duin, et al, Grand Haven, Mich.
Str	Dorothy	.....	90	72x16x 5	1901	Geo. Moon, Buffalo, N. Y.
Str	Douglas	.....	230	120x23x16	1882	Capt. Harris W. Baker, Detroit, Mich.
Gas	Douglas	.....	31	30x10x 4	1911	D. M. Gerber, Douglas, Mich.
Tug	Douglass	.....	97	82x18x 8	1888	W. H. Sheldon, Lexington, Mich.
Dge	†Doville, R. E.	.....	199	116x28x 7	1905	Doville Lake Sand & Gravel Co., Toledo, O.
Str	Dowling, Tom	.....	36	67x17x 5	1887	Independent Tug Line, Duluth, Minn.
Str	Downey, Robert	.....	25	52x14x 7	1893	E. J. Hingston, Buffalo, N. Y.
Tug	Downs, Kittie	.....	34	63x16x 6	1890	Breakwater Construction Co., Cleveland, O.
Tug	Dragon	.....	28	63x15x 6	1866	Alexander Clifford, Detroit, Mich.
Tug	Dragon	.....	28	63x15x 6	1866	R. E. Mosier, Cheboygan, Mich.
Tug	Dreadnaught	.....	31	70x15x 6	1881	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw	Dredge No. 8	.....	219	84x28x..	—	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw	Dredger	.....	159	90x27x..	1907	Anna L. Sloan, Buffalo, N. Y.
Sty	Dresden	.....	30	61x10x 6	1899	George L. Clemons, Clemons, N. Y.
Tug	Drews, Fred	.....	28	58x13x 6	1900	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw	Drill No. 5	.....	526	137x32x..	—	Great Lakes Dredge & Dock Co., Chicago, Ill.
Str	Driscoll, Fred	.....	30	64x14x 5	1902	H. B. Kishman, Vermillion, O.
Str	Driscoll, J. H.	.....	27	60x15x 6	1907	Frederick Driscoll, Vermillion, O.
Sch	DuBois	136	95x17x 9	1883	Hattie C. Hewitt, Tonawanda, N. Y.	
Tug	Duchess	30	68x13x 6	1889	Wm. P. Kavanaugh, Bay City, Mich.	

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CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Tug	Dudley, Jos D.....	37	18	65x15x 8	1865	D. E. Stevens, Duluth, Minn.
Str	†Duluth	4623	3785	381x50x30	1903	Western Transit Co., Buffalo, N. Y.
Bge	Duluth	142	142	75x29x 8	1872	Northern Dredge & Dock Co., Duluth, Minn.
Tug	Duncan City	179	89	104x19x 9	1883	Chicago Gravel Co., Chicago, Ill.
Str	Duncan, John	1267	997	225x38x19	1891	H. J. Pauly, Milwaukee, Wis.
Str	Duncan, John	1267	997	225x38x17	1891	Canada Cement Transport Co., Montreal, Canada.
Ltr	Dunford, Fred J.....	273	259	127x31x10	1873	Pittsburg Coal Co., Cleveland, O. (Rebuilt 1904.)
Str	Dunham, J. S.....	4795	3644	420x52x28	1906	Chicago Navigation Co., Duluth, Minn.
Str	Dunkirk	71	37	69x17x11	1910	The Great Lakes Towing Co., Cleveland, O.
Str	†Dunn, John, Jr.....	6160	4802	504x58x30	1907	Great Lakes Steamship Co., Rockefeller Bldg., Cleveland, O.
Str	Durkee, G. R.....	28	17	60x14x 5	1887	Peter Trudo, Saginaw, Mich.
Str	Durkee, G. R.....	28	17	60x14x 4	1887	A. L. Hart, Charlevoix, Mich. (Rebuilt 1896.)
Str	†Durston, J. F.....	4791	3500	432x52x28	1908	Great Lakes Steamship Co., Rockefeller Bldg., Cleveland, O.
Dge	Dussault, D.	55	39	76x18x 5	1886	Doville Lake Sand & Gravel Co., Toledo, O.
Str	†Dustin, A. C.....	.....	.....	525x58x31	1913	Cleveland Steamship Co., John Mitchell, Mgr., Cleveland, O.
Str	Duy, Robert M.....	26	13	53x14x 5	1870	H. M. Brown, Union Springs, N. Y.
Bge	Dynamiter	106	106	70x22x..	1894	M. Sullivan, Buffalo, N. Y.
E						
Str	†Eads, Jas. B.....	3746	2970	400x43x28	1894	Pittsburg Steamship Co., Cleveland, O.
Str	Eagle	14	9	50x10x 5	1905	Alfred S. Miner, Green Bay, Wis.
Str	Eagle	40	27	51x15x 7	1912	Edward G. Tews Jr., Milwaukee, Wis.
Str	†Earling, E. J.....	6657	5140	535x55x31	1906	Franklin S. S. Co., D. Sullivan, Mgr., Chicago, Ill.
Tug	Earnshaw, F. O. ..	33	16	54x14x 6	1886	Oscar L. Anderson, Chicago, Ill.

Scw †Earthquake	384	106x30x...	384	Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Stp †Eastern States	3077	350x45x20	1566	D. & C. Navigation Co., A. A. Schantz, Mgr., Detroit, Mich.
Stp †Eastland	1961	265x38x23	1218	Eastland Navigation Co., Cleveland, O.
Str †Easton	460	154x30x10	313	Booth Fisheries Co., Chicago, Ill.
Dge E. B. No. 1.....	181	73x23x 5	58	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw E. B. No. 7.....	542	125x31x11	542	Great Lakes Dredge & Dock Co., Duluth, Minn.
Scw E. B. No. 8	323	149x31x13	323	Great Lakes Dredge & Dock Co., Duluth, Minn.
Sch Eclipse	30	54x17x 4	26	J. M. Fitzpatrick, Escanaba, Mich.
Tug †Ecorse	52	60x18x11	35	Great Lakes Engineering Works, Detroit, Mich.
Str Eddy, Charles A.....	2075	281x41x21	1552	Charles S. Webb, Milwaukee, Wis.
Str Eddy, John F.....	1678	259x37x22	1252	Tonawanda I. & S. Co., North Tonawanda, N. Y.
Str †Eddy, Selwyn	2846	343x42x25	2164	The Lake Transit Co., Boland & Cornelius, Mgrs., Buffalo, N. Y.
Str †Edenborn, Wm.....	5910	478x52x30	4531	Pittsburg Steamship Co., Cleveland, O.
Bge Edna	53	66x19x 5	40	Hugh Cuthbertson, Algonac, Mich.
Tug †Edna G.....	154	92x23x 8	67	Duluth & Iron Range Ry. Co., Duluth, Minn.
Str Edson, C. R.....	40	64x16x 8	27	American Construction Co., Cleveland, O.
Str Edward, James ...	82	73x19x10	56	Great Lakes Dredge & Dock Co., Duluth, Minn.
Sch Edwards, J. R.....	435	175x30x12	413	H. McMorrin, Port Huron, Mich.
Str Edwards, Wm.....	1272	226x36x20	973	Estate of Valentine Fries, W. C. Richardson & Co., Mgr., Cleveland, O.
Tug Effie B.....	43	72x17x 5	24	Booth Fisheries Co., Chicago, Ill.
Tug Effie L.....	41	63x17x 7	28	Great Lakes Dredge & Dock Co., Chicago, Ill. (Rebuilt 1900.)
Str Egan, Wiley M.....	1677	252x40x22	1380	Pittsburg & Erie Coal Co., George B. Taylor, Mgr., Erie, Pa.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	†Elba	4963	3621	420x52x28	1907	Interlake Steamship Co., Pickands, Math- er & Co., Mgr., Cleveland, O.
Sch	Eleanor	421	400	162x32x11	1885	Tonawanda Barge Line, Chas. Weston, Mgr., N. Tonawanda, N. Y.
Dge	Elevator No. 11	135	92	87x34x..	1898	Lake Erie Dredging Co., Buffalo, N. Y.
Gyt	†Elfay	84	73	86x21x12	1904	Russell A. Alger, Detroit, Mich.
Sty	†Elfrida	146	99	123x18x10	1900	Wm. S. Webb, Shelburne, Vt.
Sty	†Elgrudor	103	70	105x16x 8	1903	Spencer Kellogg, Buffalo, N. Y.
Sch	Elida	191	182	112x27x10	1863	Jacob Leszczynski, Milwaukee, Wis.
Tug	Elk	57	28	81x18x 7	1892	International Paper Co., Niagara Falls, N. Y.
Str	Ella	25	22	56x12x 6	1898	Phil Kegel, Chicago, Ill.
Dge	Ella G.	116	109	108x27x 7	1882	David F. Doville, Toledo, O.
Gas	Ella W.	11	10	30x10x 4	1906	Alex. Goudreaux, Seul Choix Point, (Gulli- ver P. O.) Mich.
Str	Ellen	349	194	121x31x 8	1893	Milwaukee Sand & Gravel Co., Chas B. Rob- erts, President, Milwaukee, Wis.
Bge	Ellen	73	73	84x16x..	1898	Geo. C. Boldt, Alexandria Bay, N. Y.
F. B.	†Elliott, James R.	210	114	110x25x12	1902	Fire Dept., Detroit, Mich.
Str	†Elwood, Isaac L.	5904	4526	478x52x30	1900	Pittsburg Steamship Co., Cleveland, O.
Tug	Elma	29	20	63x14x 5	1897	Daniel Elliott, Erie, Pa.
Gas	Elmasada II	123	83	100x16x 8	1912	Daniel Good, Buffalo, N. Y.
Gas	Elmasada	47	41	66x15x..	1909	Daniel Good, Buffalo, N. Y.
Tug	Elmer	31	16	61x16x 7	1882	Standard Contracting Co., Cleveland, O.
Str	Eloise	40	30	67x15x 6	1881	J. H. Logan, Waddington, N. Y.
Str	Elphicke, C. W.	2406	1764	273x42x20	1889	A. T. Kinney, Mgr., 1523 Rockefeller Bldg., Cleveland, O. (Wrecked 1913.)
Str	†Elphicke, Mary C.	4998	3967	430x50x29	1901	Republic Transp. Co., M. A. Hanna & Co., Mgrs., Cleveland, O.
Tug	Elsie, Nell	41	28	62x16x 8	1901	C. H. Starke Dredge & Dock Co., Mil- waukee, Wis.

Str	Elsie, Nell	27	19	52x15x	1911	R. E. Smith et al., Waukegan, Ill.
Str	Elva	81	61	71x18x17	1889	George T. Arnold, Mackinac Island, Mich.
Sch	Elva	69	65	87x19x	1862	Emanuel Hallgren, Marinette, Wis.
Tug	E. M. B. A.	44	21	72x18x	1891	Booth Fisheries Co., Chicago, Ill.
Str	Emerald	297	181	140x30x10	1871	Anthony T. May, 397 Champlain St., Detroit, Mich.
Tug	Emerson, Geo.	35	17	61x15x	1884	Great Lakes Dredge & Dock Co., Chicago, Ill.
Str	Emery, Temple	155	77	83x20x10	1886	Buffalo Dredging Co., Buffalo, N. Y.
Str	Emery, Temple	88	60	83x20x10	1886	Great Lakes Dredge & Dock Co., Duluth, Minn.
Sch	Emily & Eliza	63	60	78x21x	1874	Great Lakes Transp. Co., Benton Harbor, Mich. (Foundered 1910.)
Tug	Emmet, Robert	32	18	65x16x	1863	Henry J. Wachsmith, Bayfield, Wis.
Str	†Empire City	4118	3268	406x48x28	1897	Pittsburgh Steamship Co., Cleveland, O.
Bge	Empire State	637	637	212x33x12	1862	The Sturgeon Bay Stone Co., Sturgeon Bay, Wis.
Str	Endress, C. W.	73	50	86x21x	1898	Booth Fisheries Co., Chicago, Ill.
Gas	Endress, Ora	68	66	58x14x	1912	Emil G. Endress, Sault Ste. Marie, Mich.
Str	Engel, Wm.	47	32	63x17x	1901	W. J. Barnett, Kenosha, Wis.
Str	Engineer	174	59	91x20x10	1909	Corps of Engineers, U. S. Army, Milwaukee, Wis.
Str	†England, R. W.	3887	2935	356x50x28	1904	Frank Seither, 3050 W. 20th St., Cleveland, O.
Dge	Enterprise	419	354	121x40x	1906	R. B. Knox, Duluth, Minn.
Str	†Eocene	2209	1151	250x43x23	1911	Standard Oil Co., New York
Str	†Ericsson, John	3200	2378	382x48x27	1896	Pittsburg Steamship Co., Cleveland, O.
Dge	Erie	186	186	92x34x	1900	Duluth-Superior Dredging Co., Duluth, Minn.
Tug	Erie	43	30	60x16x	1897	Great Lakes Dredge & Dock Co., Chicago, Ill.
Str	†Erie	290	198	124x28x	1906	Erie Sand & Gravel Co., Erie, Pa.
Tug	†Essayons	...	...	80x...x	1908	Corps of Engineers, U. S. Army, Duluth, Minn.
Ltr	Essen, F. B.	334	324	158x31x	1892	Harry Coulbey, Cleveland, O.
Tug	Esser, Matt H.	34	23	57x15x	1900	Henry Burg, Erie, Pa.

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Str	Eureka	44	30	65x16x4	1909	Eureka Tug Co., Wm. H. Hill, Pres., Cleveland, O.
Tug	Evans, J. C.	79	24	82x17x8	1876	Great Lakes Towing Co., Cleveland, O.
Gas	Evening Star	31	26	69x14x5	1905	John Fisher, Chicago, Ill.
Str	†Ewig, H.	62	42	70x16x9	1901	Emil Ewig, Port Washington, Wis.
Str	Excelsior	229	129	116x25x14	1876	Detroit, Belle Isle & Windsor Ferry Co., Detroit, Mich.
Tug	Excelsior	73	36	72x19x11	1892	Great Lakes Towing Co., Cleveland, O.
Sch	Excelsior	92	64	104x18x6	1882	Western Stone Co., Chicago, Ill.
Sch	Exilda	56	53	73x20x5	1889	Gilbert Yax, Algonac, Mich. (Lost, 1911.)
Sch	Exile	387	368	152x30x11	1867	Shannon & Garey, Saginaw, Mich.
Bge	Exploder	223	222	95x27x..	1894	M. Sullivan, Buffalo, N. Y.
Cbt	Esther	137	108	95x17x..	1887	Nathaniel L. Knapp, Walkers, N. Y.
F						
Tug	Fabian	72	36	70x19x11	1894	Great Lakes Towing Co., Cleveland, O.
Str	†Fairbairn, Sir Wm.	4219	3181	425x46x28	1896	Pittsburgh Steamship Co., Cleveland, O.
Tug	Fairmount	59	30	75x17x9	1894	Burke, Smith, Nelson & Cluchey, Muskegon, Mich.
Bge	Faith	705	684	120x38x10	1906	Western Transit Co., Buffalo, N. Y.
Sty	†Falcon	82	60	90x17x7	1887	James F. Finlay, Toledo, O.
Str	†Farrell, J. A.	7705	5967	580x58x32	1913	Pittsburgh Steamship Co., Cleveland, O.
Bge	Fashion	66	66	94x24x4	1889	J. J. Miller, Duluth, Minn.
Str	Fashion	48	26	64x16x8	1881	D. A. Cady, Omro, Wis.
Sch	Fassett, Theo S.	548	521	187x32x14	1881	Shannon & Garey, Saginaw, Mich.
Scw	Faugh-a-Ballagh	139	139	64x26x6	1891	Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Str	Faustin	256	166	123x24x10	1882	John N. Mullen, Windsor, Ont.
Tug	†Favorite	1223	691	180x43x20	1907	Great Lakes Towing Co., Cleveland, O.
Sch	Favorite	451	434	166x31x13	1863	Butler Bros. & Hoff Co., Detroit, Mich.

105	110x33x..	1909 Magnus Beck Brewing Co., Buffalo, N. Y.
16	60x10x 5	1896 Edmund Lehman, Appleton, Wis.
17	59x15x 7	1893 E. A. Sonneman, Sheboygan, Wis.
77	99x17x 7	1878 Edwin C. Day, receiver, Chicago, Ill.
156	120x24x 8	1867 Estabrook-Skeele Lumber Co., Chicago, Ill.
205	117x26x 9	1873 J. M. Clow, Marinette, Wis.
27	69x17x10	1884 Barnett Record Co., Duluth, Minn.
17	67x14x 7	1882 Henry T. Burgard, Buffalo, N. Y.
61	71x20x12	1909 Great Lakes Towing Co., Cleveland, O.
6189	585x60x32	1906 Pittsburgh S. S. Co., Cleveland, O.
339	156x30x10	1871 Edward Hines Lumber Co., Chicago, Ill.
216	128x27x 9	— Estabrook-Skeels Lumber Co., Chicago, Ill.
389	161x31x10	1889 Edgar B. Foss, W. Bay City, Mich.
9	64x17x 5	1893 L. F. Monroe, Chicago, Ill.
805	220x40x15	1910 The Argo S. S. Co., E. L. Fisher, Mgr., Cleveland, O.
18	64x16x 6	1883 L. B. Dahlmer, Ashtabula, O.
427	140x31x22	1896 Reid Wrecking Co., Port Huron, Mich.
101	99x22x 6	1903 Nelson W. Fisk, Fisk, Vt.
2632	346x48x28	1902 Frank Trans. Co., J. S. Ashley, Sec., Cleveland, O.
140	82x22x12	1912 Chicago Lighterage Co., Chicago, Ill.
1175	256x38x21	1887 Pittsburgh & Erie Coal Co., George B. Taylor, Mgr., Erie, Pa.
3701	420x52x28	1906 Chicago Nav. Co., D. Sullivan, Mgr., Chicago, Ill.
61	81x18x 7	1908 Fix Bros., Buffalo, N. Y.
2138	318x42x27	1901 Calumet Trans. Co., J. S. Ashley, Sec., Cleveland, O.
110	95x17x 7	1895 Ira M. Rose, Tonawanda, N. Y.

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CLASS.	VESSEL.	Gross Tonnage	Net Tonnage	Keel Beam	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER.
Str	Fleetwood	1687	1175	265x40x21	1887	Tonawanda Iron & Steel Co., N. Tonawanda, N. Y.
Str	Fletcher, F. W.	495	314	161x32x11	1891	J. O. Nessen & Co., Manistee, Mich.
Sch	Flint, Sam	499	474	167x34x13	1868	R. L. Gillingham, Bay Port, Mich.
Stp	Flora	561	455	174x28x11	1875	Saginaw Valley S. S. Co., Saginaw, Mich.
Sty	Florence	26	13	71x14x 4	1869	George Hefferan, Grand Rapids, Mich.
Gyt	Floretta	25	22	50x12x 3	1907	J. N. Tittmore, Oshkosh, Wis.
Gyt	Florida	31	31	46x12x 4	1907	Robert D. Palmer, Columbus, O.
Str	Flower, Roswell P.	1593	1165	264x38x21	1887	Milwaukee Steamship Co., 309-311 Florida St., Milwaukee, Wis.
Sch	Foam	42	40	81x19x 5	1882	S. V. Philbrook, Marinette, Wis. (Abandoned 1910.)
Str	Follette, James W., nee Jesse H. Farwell	1200	997	212x35x21	1881	W. H. Follette, Tonawanda, N. Y.
Cbt	Follette, Nellie	123	76	93x17x 9	1910	Wm. H. Follette, Tonawanda, N. Y.
Scb	Follette, W. H.	140	107	91x17x..	1909	George A. West, Buffalo, N. Y.
Str	Ford, J. C.	710	597	172x33x20	1889	Nipigon Transit Co., Grosse Point, Mich.
Tug	Forelle	46	31	54x16x 7	1908	Cornelius Tamms, Milwaukee, Wis.
St.s	Forlle	46	31	55x10x 7	1908	Cornelius Tamms, Milwaukee, Wis.
Str	Fort Meigs	138	87	116x32x 6	1901	Maumee River Nav. Co., Toledo, O.
Str	Fortuna	23	16	43x13x 6	1911	Frank Tilley, Milwaukee, Wis.
Sch	Forward	36	29	67x18x 4	1884	Joseph Challe, Menominee, Mich.
Str	Foster, A.	93	85	79x24x 5	1899	Fremont Pressed Brick Co., Fremont, O.
Str	Foster, I. N.	355	277	135x26x12	1872	Lars H. Jensen, Sturgeon Bay, Wis.
Str	†Foster, Parks	1729	1475	262x39x19	1889	National Steamship Co., 337 Postal Tel Bldg., Chicago, Ill.
Tug	Fox, Wm. G.	32	16	58x15x 7	1875	Wm. G. Fox, Buffalo, N. Y.
Sch	Francomb, John A.	658	625	180x36x13	1889	Luther P. Graves, Buffalo, N. Y.
Tug	†Frank W.	93	46	75x19x12	1891	Great Lakes Towing Co., Cleveland, O.

Str	Frank S., Jr.....	23	16	59x13x5	1903 Nelson C. Hubbits, Erie, Pa.
Str	Freemont	90	90	112x20x5	1891 F. H. Jones, Vermilion, O.
Str	†French, G. Watson...3883	3064	355x50x28	1900 O. C. Hartman, Duluth, Minn.	
				1903 Republic Transp. Co., M. A. Hanna & Co., Mgrs., Cleveland, O.	
Str	Friant, Thomas ...	70	48	96x18x6	1884 John H. Hickler, Sault Ste. Marie, Mich. (Rebuilt 1911.)
Str	†Fritz, Henry C.....	6490	5016	549x56x31	1905 Pittsburg Steamship Co., Cleveland, O.
Bge	†Fritz, John	4693	4447	436x50x29	1898 Pittsburg Steamship Co., Cleveland, O.
Str	†Frontenac	2003	1676	270x40x24	1889 Cleveland Cliffs Iron Co., Cleveland, O.
Bge	Frouey	243	243	...x...x...	1907 Whitney Bros. Co., Superior, Wis.
Str	Fryer, Robert L.....	1810	1451	281x42x22	1888 Martha H. Grattwick, Buffalo, N. Y.
Sch	Fryer, Robert L....	527	501	175x33x11	1880 Kalkaska S. S. Co., W. E. Holmes & Co., Agents, Chicago, Ill.
Str	Fullerton, J. C.....	31	18	58x10x5	1888 Fix Bros., Buffalo, N. Y.
Str	†Fulton, Robert	4219	3181	424x46x28	1896 Pittsburg Steamship Co., Cleveland, O.
G					
Str	†Galatea	157	106	128x17x11	1906 E. L. Ford, Detroit, Mich.
Sch	Garibaldi	88	83	78x24x6	1869 W. Baker, New Baltimore, Mich.
Str	Garland	248	171	107x29x12	1880 Detroit, Belle Isle & Windsor Ferry Co., De- troit, Mich.
Str	†Garretson, Gen.....	6765	5371	520x54x31	1906 Wilson Transit Co., Cleveland, O.
Str	†Gary, Elbert H.....	6331	4988	557x56x26	1905 Pittsburg Steamship Co., Cleveland, O.
Tug	Gary	71	36	73x15x10	1912 Great Lakes Towing Co., Cleveland, O.
Str	†Gates, John W.....	5946	4440	478x52x30	1900 Pittsburg Steamship Co., Cleveland, O.
Sch	Gawn, Thos.	549	522	171x31x13	1872 Capt. Julius Lawrence, Marine City, Mich.
Str	†Gayley, James	4777	3359	416x50x28	1902 Mitchell & Co., Cleveland, O.
Str	Gazelle	36	18	64x13x6	1878 Robert H. Luckes, Sault Ste. Marie, Mich. (Rebuilt 1905.)
Str	Gem	62	28	70x18x8	1898 Empire Limestone Co., Buffalo, N. Y.
Str	†Genesee	212	171	119x27x14	1900 Jas. S. Watson, Rochester, N. Y.
Sch	Genoa	730	694	189x34x13	1873 John W. Robinson, N. Tonawanda, N. Y.
Tug	George Edward.....	15x...x...	1909 Reger & Werner, Lorain, O.
Str	Georgetown	1358	919	243x40x18	1900 Atlantic Coast S. S. Co., New York, N. Y.

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AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Stp	Georgia	895	393	196x35x20	1880	Goodrich Trans. Co., Chicago, Ill.
Sty	Gerald C.	36	18	62x14x 7	1893	Bense Fish Co., Port Clinton, O.
Tug	Gerken, Frank P.	35	22	69x15x 7	1891	Olaf Nordrum, Agt., Charlevoix, Mich.
Sch	Gerlach, Eliza	271	257	127x27x12	1867	American Ship Building Co., Cleveland, O.
Str	†German	2348	1875	296x40x25	1890	Pittsburgh Steamship Co., Cleveland, O.
Str	Germania	88	44	90x19x 9	1880	Lake Champlain Trans. Co., Whitehall, N. Y.
Str	Gettysburg	837	464	208x37x15	1887	Alger Smith & Co., Detroit, Mich.
Dge	G.H.B. & Bros. No. 1	214	214	80x30x 9	1890	
Dge	G.H.B. & Bros. No. 2	259	259	85x34x 9	1893	G. H. Breyman & Bros., Toledo, O.
Dge	G.H.B. & Bros. No. 3	229	229	80x32x 9	1892	
Str	Gifford	63	43	69x20x 8	1901	Chicago Lumber Co., Manistique, Mich.
Str	†Gilbert, W. H.	2820	2200	328x42x24	1892	Lakewood S. S. Co., Hutchinson & Co., Mgrs., Cleveland, O.
Str	†Gilchrist. (See Lupus)					
Str	†Gilchrist, F. W. (See Cepheus)					
Str	†Gilchrist, Jos. C. (See Cygnus)					
Tug	Gillen, Edward	57	28	69x18x10	1891	Great Lakes Dredge & Dock Co., Chicago, Ill.
Tug	Gillett, F. W.	28	14	54x15x 7	1869	W. M. Jeffery, Duluth, Minn.
Tug	Gladiator	207	87	115x22x12	1871	Duluth-Superior Dredging Co., Duluth, Minn. (Rebuilt in 1896.)
Dge	Gladiator	454	418	98x38x..	1900	M. Sullivan, Buffalo, N. Y.
Str	Gladstone	2453	1913	283x40x23	1888	M. A. Bradley, Cleveland, O. (Rebuilt 1901.)
Sch	Glad Tidings	34	32	66x16x 5	1886	W. H. Reese, Clayton, N. Y.
Str	Glenn	277	199	108x22x17	1889	Chicago & South Haven S. S. Co., South Haven, Mich.
Tug	Gnewuch, Charlie J.	32	16	55x14x 7	1880	N. Barkell, Marine City, Mich.

Tug	Godfrey, L. B.....	32	16	63x15x7	1881 Conrad Niederman, Milwaukee, Wis. (Abandoned.)
Str	Gogebic	1680	1312	227x40x19	1887 H. W. Baker, Detroit, Mich.
Tug	Golden	44	22	64x18x8	1892 C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Sch	Golden Age	1846	1763	279x37x22	1882 W. C. Richardson, Cleveland, O.
Sch	Golden Age	119	102	94x17x9	1897 Pringle Barge Line Co., 327 Rockefeller Bldg., Cleveland, O.
Bge	Gold Standard	222	222	88x25x11	1895 H. T. Dunbar, Buffalo, N. Y.
Bge	Goodwill	65	44	65x17x7	1895 Geo. Moon Jr., Buffalo, N. Y.
Str	†Goodyear, Frank H.	4815	3438	416x50x28	1902 John Mitchell, Cleveland, O. (Lost 1910.)
Str	Gordon, R. J.....	280	202	103x23x8	1881 W. S. Shaw, Boyne City, Mich.
Sch	Goshawk	501	461	180x32x13	1866 Goshawk Transp. Co., W. Bay City, Mich.
Str	Gould, E. F.....	261	248	137x28x8	1875 Effie Baker, Detroit, Mich.
Str	Gould, Jay	840	523	213x33x11	1869 Thos. L. Handy, Bay City, Mich.
Str	†Goulder, Harvey D.	6617	5219	525x55x31	1906 Continental Steamship Co., Duluth, Minn.
Tug	†Goulder, Harvey D.	156	78	78x23x12	1898 Great Lakes Towing Co., Cleveland, O.
Str	Gowan, Albert Y...	266	176	124x26x14	1888 Kelley Isl. Lime & T. Co., Cleveland, O.
Bge	Grace	51	51	70x16x..	1898 E. P. Rector, Pt. Peninsula, N. Y.
Gas	Grace J.....	24	17	52x14x5	1903 H. Christiansen, Duluth, Minn.
Str	Graham	40	11	66x16x7	1891 Fitzsimmons & Connell Dredging & Dock Co., Chicago, Ill.
Sch	Graham, Lucy	61	58	74x19x6	1867 Mary Goodlet, Washington Harbor, Wis.
Stp	Graham, May	91	91	95x16x3	1879 Crosby Transportation Co., Milwaukee, Wis.
Str	†Grammer, G. J.....	4471	3703	434x48x28	1902 Seither Transit Co., 3050 W. 20th St., Cleveland, O.
Sch	Grampian	844	802	218x38x14	1894 James Davidson, W. Bay City, Mich.
Sch	Granada	1729	1643	247x40x23	1895 James Davidson, W. Bay City, Mich.
C. F.	†Grand Haven	2320	1678	306x54x20	1903 Grand Trunk Milwaukee Car Ferry Co., Milwaukee, Wis.
Str	Grand Island	222	151	102x29x11	1910 Buffalo & Grand Island Ferry Co., Buffalo, N. Y.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	‡Grandon	47	33	60x17x 7	1893	Mrs. Wm. Freyensee, Sandusky, O.
Bge	Grant, Levi	204	194	127x27x 8	1872	Wilbur Anderson, Marinette, Wis.
Scw	Grass, Jim	267	267	121x31x..	1908	Butler Bros. & Hoff Co., Detroit, Mich.
F. B.	‡Grattan, W. S.	268	141	106x24x12	1900	Buffalo Fire Department, Buffalo, N. Y.
Str	‡Gratwick, Wm. H.	4776	3352	416x50x28	1902	John Mitchell, Cleveland, O.
Tug	‡Green, Andrew	115	55	86x21x10	1911	Great Lakes Dredge & Dock Co., Chicago, Ill.
Tug	‡Green, Andrew H.	115	55	86x21x11	1911	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scb	Green, Gilbert R.	137	109	95x17x 9	1887	Thos. McIntyre, Oswego, N. Y.
Tug	Green, O. B.	57	28	72x17x 9	1881	Great Lakes Towing Co., Cleveland, O.
Str	Greene, C. H.	700	504	197x33x16	1881	John W. Robinson, N. Tonawanda, N. Y.
Str	Greene, M. T.	523	422	155x30x12	1887	Erie & Mich. Ry. Nav. Co., Chicago, Ill.
Str	‡Greenland	908	779	193x40x15	1892	Reid Wrecking Co., Sarnia, Ont.
	(nee J. B. Ketchum 2nd)					
Sch	Gregory, Mary A.	87	83	84x23x 7	1875	J. H. Waltman, Chicago, Ill.
Stp	‡Greyhound	1392	748	276x38x15	1902	White Star Line, Detroit, Mich.
Bge	Grey Oak	290	277	133x31x 9	1885	Western Transit Co., Buffalo, N. Y.
Str	‡Griffin	1879	1526	266x38x23	1891	R. C. Helm, Atlas Steamship Co., Duluth, Minn.
Str	Groh, Mary	139	69	112x22x 8	1873	Buckeye Lake Sand Co., A. B. Meyer, Mgr.
Sch	Grover, Anna P.	246	234	137x26x11	1868	Chas. W. Kotcher, Detroit, Mich.
Tug	Grover, Cris	56	28	69x18x10	1893	Great Lakes Towing Co., Cleveland, O.
Bge	Grover, Maurice B.	2147	1986	272x40x27	1898	M. A. Bradley, Cleveland, O. (Rebuilt 1906.)
Str	Gryphon	28	19	82x10x 7	1890	C. D. Miller, Poughkeepsie, N. Y.
Tug	Gunderson Bros. ...	46	23	75x14x 8	1892	G. A. Allmendinger, Benton Harbor, Mich.
Str	‡Gunnell, E.	688	468	162x35x10	1912	Lake Sand Co., Chicago, Ill.
Str	Gust, Henry	37	18	61x16x 7	1893	John W. Cornell, Detroit Harbor, Wis.

Tug †Hackett, Francis B.	194	126	96x24x..	1909 Hackett Towing & Wrecking Co., Amherstburg, Ont.
Sch Hackley, C. H.	207	197	124x27x 9	1868 Estabrook-Skeele Lumber Co., Chicago, Ill.
Tug Hackley, J. H.	45	22	62x16x 9	1874 Great Lakes Towing Co., Cleveland, O.
Tug Hagermann, J. J.	42	21	67x16x 9	1872 Sophia Meyer, Milwaukee, Wis.
Sty †Halcyon	161	109	125x18x11	1907 Frank J. Hecker, Detroit, Mich.
Ege Halcyon	62	62	61x18x..	1898 Henry Adams, New York, N. Y.
Sch Halsted	496	471	171x32x13	— Soper Lumber Co., Chicago, Ill. (Lost 1913.)
Str Hall, Henry B.	1152	962	213x	1881 Geo. Hall Coal Co., Ogdensburg, N. Y.
Gas Hall, James H.	100	99	91x22x 7	1885 Samuel H. Newman, Algoma, Wis.
Str Hall, Stephen C.	447	342	161x30x11	1880 F. W. Gilchrist, Alpena, Mich.
Tug Halladay, Chas.	48	24	59x17x 9	1881 Great Lakes Towing Co., Cleveland, O.
Cbt Hamburg	113	113	95x17x..	1885 Frank Jennings, New York City.
Str Hammel, Julia C.	28	19	55x15x 6	1893 Herman Luebke, Two Rivers, Wis.
Str Hand, C. C.	1867	1523	265x41x21	— Capt. Howard Hackett, Amherstburg, Ont. (Burned 1913.)
Dge †Handy Andy	471	422	95x44x..	1905 Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Sch Handy Boy	26	25	61x17x 3	1874 Joseph Bullion, Duluth, Minn.
Str †Hanna, D. R.	7023	5491	532x56x31	1906 Pioneer Steamship Co., Hutchinson & Co., Mgrs., Cleveland, O.
Str †Hanna, Howard M., Jr.	5905	4413	480x54x30	1914 Hanna Transit Co., W. C. Richardson, Mgr., Cleveland, O.
Str †Hanna, Leonard C.	6356	4922	504x54x30	1905 Mahoning S. S. Co., J. S. Ashley, Mgr., Cleveland, O.
Str †Hanna, M. A.	4661	3116	410x50x29	1899 John Mitchell, Cleveland, O.
Scy Harbinger	45	43	67x19x 8	1884 Julius R. White, Rochester, N. Y.
Tug †Harding, Abner C.	98	34	74x20x12	1907 Great Lakes Towing Co., Cleveland, O.
Tug Harlem	26	13	43x14x 7	1890 George A. Walker, Buffalo, N. Y.
Str Harlow	575	482	194x35x12	1891 W. J. Harlow, Toledo, O. (Rebuilt.)
Str Harper, John	1951	1632	298x40x20	1890 Capt. W. J. Willoughby and J. Baxter, Windsor, Ont.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Sch	Harold	718	682	190x34x13	1891	Calbick Transportation Co., Chicago, Ill.
Tug	Harris, Joe	66	33	72x18x10	1873	Great Lakes Towing Co., Cleveland, O.
Sch	Harrison, Benjamin	538	511	175x32x12	1889	Atlantic Coast S. S. Co., Niagara Falls, N. Y.
Sts	Harrison, Carter H.	30	20	71x16x 5	1901	James Rolson, Chicago, Ill.
Str	Harrow, W. G.	84	42	85x19x 9	1893	Booth Fisheries Co., Chicago, Ill.
Str	#Hart, Frank W.	4307	3374	380x50x28	1902	G. A. Tomlinson, Duluth, Minn.
Bge	#Hartnell, Geo. E.	3265	3124	352x40x27	1896	Northwestern Trans. Co., Detroit, Mich.
Str	#Hartwell, Fred G.	6223	4865	504x58x30	1908	Mutual S. S. Co., G. A. Tomlinson, Mgr., Duluth, Minn.
Str	#Harvard	5054	4061	461x50x29	1900	Pittsburgh Steamship Co., Cleveland, O.
Tug	#Harvard	75	51	72x17x 8	1907	Great Lakes Towing Co., Cleveland, O.
Str	#Harvester	7188	5690	525x58x31	1911	Wisconsin Steel Co., Chicago, Ill.
Gas	#Harvester	106	105	82x24x 5	1910	International Harvester Co., Chicago, Ill.
Str	#Harvey	81	55	71x16x 8	1910	Ernst Schneidewend, Sheboygan, Wis.
Gas	Harvey G.	14	12	36x11x 4	1903	John Goudreaux, Seul Chox Point, (Gulliver P. O.) Mich.
Str	Haskell, Wm. A.	1530	1440	240x37x25	1884	Rutland Trans. Co., Odgensburg, N. Y.
Str	Hassayampa	64	25	60x18x18	1910	Great Lakes Dredge & Dock Co., Chicago, Ill.
Sch	Hattie	400	380	165x30x11	1873	Saginaw Bay Co., 2106 W. Third St., Cleveland, O. (Abandoned.)
Str	#Hausler, M. G.	609	414	154x35x10	1910	Lake Sand Co., Chicago, Ill.
Tug	Hausler, M. G.	73	36	72x18x 9	1893	Commissioners of Lincoln Park, Chicago, Ill.
Str	Havey, Hugh R.	474	389	173x31x12	1880	Hugh R. Havey, Detroit, Mich.
	(nee J. C. Pringle)					
Str	#Hawgood, H'ry A.	6839	5389	532x56x31	1906	Minerva Steamship Co., W. A. and A. H. Hawgood, Mgrs., Cleveland, O.
Str	#Hawgood, H. B.	4655	3386	414x50x28	1903	Acme Transit Co., Cleveland, O.

Cbt	Hawley, Theresa ..	114	108	97x17x 8	..... Seneca Transportation Co., Buffalo, N. Y.
Scy	Hawthorne	29	28	63x15x 7	1893 John McConnell, Chicago, Ill.
Tug	Hay, James	35	22	56x16x 8	1879 Robert Young, Chicago, Ill.
Tug	Hay, James	35	22	56x16x 8	1879 Louis Sand, Salt & Lumber Co., Manistee, Mich.
Stp	Hayes, R. B.....	164	82	134x21x 7	1876 G. A. Boeckling, Sandusky, O.
Tug	Haynes, F. J.	27	19	50x14x 8	1895 Beaubien Ice & Coal Co., Detroit, Mich.
Str	Hart, Eugene C....	522	470	152x25x18	1890 Arnold Transit Co., Mackinac Island, Mich.
Str	Hayward, A. D.....	304	224	137x28x13	1887 Gilbert Lacroix, Mt. Clemens, Mich.
Str	Hazard, W. A.....	372	267	155x30x12	1890 S. C. McLouth, Marine City, Mich.
	(nee John Schroeder)				
Str	Hazel	66	45	87x18x14	1896 August Schmidt, Jr., Sandusky, O.
Stp	Heath, A. R.....	48	42	73x18x 4	1901 M. E. Pearman, South Haven, Mich.
Sch	Heath, E. H.....	99	75	100x17x 7	1876 Lemont Limestone Co., Chicago, Ill.
Str	†Hebard, Chas. S....	6291	4854	504x54x30	1906 Wilson Transit Co., Cleveland, O.
Tug	Hebard, Daniel L..	159	79	98x22x 9	1875 Chas. S. Hebard, Pequaming, Mich.
Tug	Hebard, Robert H..	65	32	68x18x11	1889 Great Lakes Towing Co., Cleveland, O.
Str	†Hecker, Frank J. (See Perseus)				
Str	Hecla	1110	909	224x34x19	1882 Geo. Hall Coal Co., Ogdensburg, N. Y.
Str	†Heffelfinger, F. T..	4897	3630	430x50x29	1901 Peavey Steamship Co., A. B. Wolvin, Mgr., Duluth, Minn.
Str	†Heiden, Chas.....	717	446	151x35x14	1913 United Fuel & Supply Co., Detroit, Mich.
Str	Helen C.....	622	460	186x35x13	1874 John Smith, et al., Manistee, Mich.
Str	Helena	2083	1579	275x42x20	1888 Armour Grain Co., Chicago, Ill.
Scy	Helene	28	28	53x17x 6	1895 Wm. A. Stace, Rochester, N. Y.
Tug	Helm, D. T.....	64	32	68x18x10	1893 Great Lakes Towing Co., Cleveland, O.
Sch	Helvetia	793	753	204x35x14	1873 Edw. Hines Lumber Co., Chicago, Ill.
Str	†Hemlock	4796	3501	420x52x28	1907 Interlake Steamship Co., Pickands, Mather & Co., Mgrs., Cleveland, O.
Scb	Hengerer, Wm.	125	90	91x17x10	1894 Hattie E. Kill, Buffalo, N. Y.
Str	Hennepin	990	639	208x35x12	1888 Lake Shore Stone Co., Milwaukee, Wis. (Re built 1902.)

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Sty	Hennes, Annie R.	47	37	60x13x6	1884	L. Hennes, Houghton, Mich.
Bge	Henrietta	113	113	125x28x..	1879	Chas. R. Maples, Duluth, Minn.
Str	Henry	30	16	61x15x7	1876	M. A. Callaghan, Cleveland, O.
Str	Henry W.	81	44	72x21x9	1912	Lake Superior Towing Co., Bayfield, Wis.
Tug	Herbert	55	37	68x15x..	1908	C. Mollhagen & Co., St. Joseph, Mich.
Dge	Hercules	559	495	115x40x..	1904	M. Sullivan, Buffalo, N. Y.
Tug	Hermann, G. M. A.	34	17	61x15x7	1891	Henry Schroeder, Kewaunee, Wis.
Str	Hettler, Herman H.	789	536	210x35x13	1890	Hettler Lumber Co., 2601 Elston Ave., Chicago, Ill.
Str	(nee Walter Vail)					
Str	Hiawatha	1398	1159	234x36x20	1880	Gilchrist Transp. Co., Cleveland, O.
Tug	Hickler, Pauline	38	18	55x17x7	1892	M. Sullivan, Buffalo, N. Y.
Stp	Hill, Flora M.	623	353	130x26x19	1874	Hill Steamboat Line, Kenosha, Wis. (Re-built 1910.)
Str	#Hill, James J.	6025	4578	478x52x30	1900	Pittsburg Steamship Co., Cleveland, O.
Tug	Hill, L. P.	22	11	59x15x6	1889	Patrick Chambers, Fish Creek, Wis.
Str	Hilton	166	141	110x27x8	1867	John Schroeder Lumber Co., Milwaukee, Wis.
Str	Hinckley	131	34	108x24x8	1901	A. R. Hinckley, Oswego, N. Y.
Str	Hines, L. Edward	982	790	203x37x14	1893	E. Hines Lumber Co., Chicago, Ill.
Sty	Hirondelle	35	26	74x13x7	1893	Edward Michael, Buffalo, N. Y.
Str	Hitz Herman	180	113	115x25x5	1910	Cook & Brown Lime Co., Oshkosh, Wis.
Sch	Hoboken	299	284	139x26x11	1868	Ogdensburg C. & T. Co., Ogdensburg, N. Y.
Tug	Hoffnung Bros.,	56	28	61x15x9	1890	John B. Wanless, Duluth, Minn.
Tug	#Holden, Hendr'k S.	4444	3091	408x50x24	1898	John Mitchell, Cleveland, O.
Str	#Holmes, Edwin F.	4787	3517	420x50x28	1904	Acme Transit Co., Cleveland, O.
Sch	Holmes, J. A.	167	159	112x26x9	1867	E. C. Recor, St. Clair, Mich.
Stp	#Holland	1148	871	231x34x12	1881	Graham & Morton Trans. Co., Chicago, Ill.
Sch	Holland, Grace	629	597	189x33x13	1880	J. R. McCarthy, 159 Ohio St., Buffalo, N. Y.
Sch	Holland, Nelson C.	564	536	188x32x13	1881	Shannon & Garey, Saginaw, Mich.
Str	Holland, Robert	423	339	156x30x12	1872	Shannon & Garey, Saginaw, Mich.
Str	#Hollis, M.	48	33	61x16x8	1909	Booth Fisheries Co., Chicago, Ill.

Str	Hollister, S. W....	49	31	73x29x 5	1888	Winnebago Tug Boat Co., Oshkosh, Wis.
Bge	†Holley, Alex	2721	2554	362x46x26	1896	Pittsburgh Steamship Co., Cleveland, O.
Tug	Hood, Thos.	39	19	59x16x 9	1881	Duluth Marine Contracting Co., Duluth, Minn. (Rebuilt 1900.)
Str	†Hoover & Mason...	5841	4578	504x54x30	1905	G. A. Tomlinson, Mgr., Zenith S. S. Co., Duluth, Minn.
Str	Hopkins, A. L. ..	639	500	174x31x22	1888	Lawrence Brown, et al., Chaumont, N. Y. (Lost 1911.)
Bge	Horn, Clara	242	231	115x26x...	1891	Beaubien Ice & Coal Co., Detroit, Mich.
Sty	Hornet	40	27	94x11x 6	1906	John F. Dodge, Detroit, Mich.
Sch	Hossack, W. D. ...	330	272	151x30x10	1872	Winand Schlosser, Milwaukee, Wis.
Str	†Houghton, Douglas.	5332	4034	456x50x29	1899	Pittsburgh Steamship Co., Cleveland, O.
Str	Houghton, H	210	151	126x27x10	1889	H. Houghton, Detroit, Mich.
Str	†House, Francis E..	7769	5943	585x60x32	1907	Pittsburgh S. S. Co., Cleveland, O.
Tug	Howard	195	97	114x22x10	1864	G. A. Tomlinson, Duluth, Minn. (Rebuilt 1889.)
Sch	Howard, John P..	97	92	96x21x 5	1882	Reuben B. Bragg, Port Kent, N. Y.
Sch	Howard, Kate E...	96	92	97x21x 6	1867	Wm. Gabrielson, Menominee, Mich. (Lost 1911.)
Str	†Howe, Geo. C....	1550	955	241x41x18	1903	Great Lakes & St. Lawrence Transp. Co., D. Sullivan, Mgr., Chicago, Ill.
Sch	Howland, Thos. H.	298	283	138x26x13	1872	H. McMorrin, Port Huron, Mich.
Ltr	Howlett, Robt.	158	127	116x25x...	1870	Merchants' Lighterage Co., Chicago, Ill.
Str	†Hoyt, James H....	4363	3234	411x50x23	1902	Interlake Steamship Co., Cleveland, O.
Bge	Hoyt, R. H.....	62	62	63x14x...	1897	Philip Mago, Tonawanda, N. Y.
Str	†Hubbard C. Russel.	6839	5389	532x56x31	1906	Hubbard Steamship Co., W. C. Richardson & Co., Mgrs., Cleveland, O.
Str	(see Henry A. Hawgood)					
Str	Hubbard, Charles	4846	4287	438x52x28	1907	Great Lakes Steamship Co., Rockefeller Bldg., Cleveland, O.
Sch	Hubbard, Newell..	55	52	76x20x 5	1867	John Denstead, Detroit, Mich.
Stp	Hum	32	25	76x16x 5	1876	Mrs. Florence C. Jepson, East Jordan, Mich.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Tug	Hunsader, John ..	210	143	98x27x12	1910	The Thomas H. Smith Stone Co., Sturgeon Bay, Wis.
Dge	Hunt, Alfred E.....	510	510	120x43x..	1907	St. Lawrence River Power Co., Massena, N. Y.
Dge	Hurd, Joseph L....	459	459	171x30x11	1869	Leatham & Smith, Sturgeon Bay, Wis.
Bge	Huron	210	200	113x28x..	1893	Great Lakes Dredge & Dock Co., Chicago, Ill.
Stp	#Huron	538	402	200x52x..	1885	Star-Cole Line Steamers, Detroit, Mich.
Str	#Huron	1945	1309	238x42x27	1898	Mutual Transit Co., Buffalo, N. Y.
Str	Huron City	368	277	168x29x11	1867	Mud Lake Lumber Co., Raber, Mich.
Gyt	Hussar II	44	44	54x17x 7	1900	Charles H. Thorne, Chicago, Ill.
Tug	Husted, James W. .	45	21	66x16x 7	1875	Thomas M. Ryan, Buffalo, N. Y.
Scw	Hustler	230	230	110x30x 7	1910	William Nicholson, Duluth, Minn.
Str	#Hutchinson, Chas. L.	6377	4860	504x54x30	1910	Henry Wineman Jr., Detroit, Mich.
Sch	Hutchinson, Emma C.	736	699	195x34x14	1873	Edward Hines Lumber Co., Chicago, Ill.
F.B.	Hutchinson, John M.	90	45	75x21x28	1893	City of Buffalo, N. Y.
Str	#Hutchinson, J. T. .	3734	2870	346x48x28	1901	Hutchinson & Co., Cleveland, O.
Str	#Hydrus	4713	3384	416x50x28	1903	Interlake Steamship Co., Cleveland, O. (Founded 1913.)
	(nee R. E. Schuck)					
I						
Bge	Iceberg	277	277	96x24x..	1904	Houghton, French Co., Detroit, Mich.
Bge	Ice King	209	209	85x24x..	1888	R. Houghton, Detroit, Mich.
Bge	Ice Queen	209	209	75x24x..	1888	R. Houghton, Detroit, Mich.
Gas	Ida Caroline	22	15	43x13x 6	1902	Manitowoc Dry Dock Co., Manitowoc, Wis.
Str	Ida Mc	33	33	62x16x 3	1894	Southern Railway & Navigation Co., Chicago, Ill.

Gas	Ida May	79	50	96x17x 8	1904	Price McKinney, Waddington, N. Y.
Sty	Ideal	40	32	60x13x 6	1885	A. C. Mavo, Duluth, Minn.
Sty	Idler	57	41	95x15x5	1886	O. G. Staples, Washington, D. C.
Stp	Idlewild	363	284	186x26x16	1879	Star-Cole Line Steamers, Detroit, Mich.
Gyt	Igloo	48	32	77x14x 6	1909	J. K. Stewart, Chicago, Ill.
Bge	Ike	36	36	...x...x...	1889	James Fox, Messina, N. Y. (Abandoned.)
Stp	Illinois	2427	1468	225x40x26	1899	Northern Mich. Trans. Co., Chicago, Ill.
F. B.	Illinois	287	34	107x24x13	1898	Chicago Fire Dept., Chicago, Ill.
Gay	Illinois	43	38	63x13x 7	1909	E. H. Fahrney, Oshkosh, Wis.
Gay	Illinois	43	38	63x13x 7	1909	E. H. Fahrney, Oshkosh, Wis.
Str	Imogene	28	21	75x10x 6	1896	James C. Stewart, New York, N. Y.
Str	Imperial	68	43	89x19x 5	1879	International Harvester Co., Chicago, Ill.
Tug	Imperial	35	24	54x16x 5	1910	Ignatz Selin, Milwaukee, Wis.
Str(a)	Imperial	796	412	200x32x15	....	Standard Oil Co., New York, N. Y.
Str(a)	Impoco	1683	943	242x40x20	....	Standard Oil Co., New York, N. Y.
Stp	Indiana	1177	961	201x35x24	1890	Goodrich Trans. Co., Chicago, Ill.
Str	Indiana	98	36	74x20x11	1911	Great Lakes Towing Co., Cleveland, O.
Str	Indienne	26	15	77x11x 5	1888	C. J. Jordon, New York City.
Str	Indus	3871	2997	356x50x28	1901	Interlake Steamship Co., Cleveland, O.
	(nee Lake Shore)					
Tug	Industry	80	54	82x21x 8	1897	Great Lakes Towing Co., Cleveland, O.
Tug	Inman, B. B.	89	60	81x19x11	1895	Great Lakes Towing Co., Cleveland, O.
Sch	Interlaken	567	538	170x34x11	1893	Herman H. Hettler Lumber Co., Chicago, Ill.
Stp	International	114	100	80x26x 7	1889	White City Amusement Co., Houghton, Mich.
Bge	Interstate	303	303	...x...x...	1899	Whitney Bros. Co., Superior, Wis.
Gyt	Ionas	65	61	81x20x 9	1901	W. M. Cloyd, Chicago, Ill.
Str	Ionia	1287	1122	209x38x19	1890	Ionia Transportation Co., Hugh R. Harvey, Mgr., Detroit, Mich.
Gyt	Ionia	38	31	75x10x 6	1910	J. J. Corkill, Chicago, Ill.
Stp	Iowa	1157	846	202x36x22	1896	Goodrich Trans. Co., Chicago, Ill.
Str	Ireland, R. L.	....	....	504x54x30	1914	Kinney Steamship Co., 1523 Rockefeller Bldg., Cleveland, O.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
	Ireland, R. L. (See Sirius)					
Str	Iris	62	59	74x19x 7	1866	William Williamson, Manitowoc, Wis.
Sch	Irma	30	21	51x11x 6	1892	H. C. Derksen, Oshkosh, Wis.
Sch	Iron City	648	615	187x36x15	1874	Guy White, Buffalo, N. Y. (Lost 1913.)
Sch	Iron Cliff	1116	1077	212x35x19	1881	Pringle Barge Line Co., 327 Rockefeller Bldg., Cleveland, O.
Str	Iron King	1702	1223	252x38x21	1887	Martin Lee Clark, Buffalo, N. Y.
Sch	Iron Queen	1384	1321	242x38x18	1887	O. G. & D. H. Donaldson, Buffalo, N. Y.
Tug	Isabella	43	29	73x16x 6	1904	David Lincoln, Alpena, Mich.
Str	Iselin, Adrian	...	...	244x43x23	1914	Geo. Hall Coal Co., Ogdensburg, N. Y.
Tug	Islay	26	13	60x13x 5	—	G. A. Tomlinson, Duluth, Minn.
Str	Ispheming	6924	5476	530x56x31	1906	Cleveland-Cliffs Iron Co., Cleveland, O.
Str	Island Belle	31	15	64x16x 6	1882	Ed. T. Hawley, Detroit, Mich.
Str	Island Belle	89	65	100x20x 6	1879	A. A. Holmes, Alexandria Bay, N. Y.
Str	Islander	291	174	115x23x17	1895	Geo. T. Arnold, Mackinac, Mich.
Str	Italia	2305	1735	289x42x24	1889	Great Lakes Engineering Works, Detroit, Mich.
Sch	I. and M. C.	90	67	96x17x 7	1883	Western Stone Co., Chicago, Ill.
Str	Ivy	38	26	81x12x 5	1901	Walter H. Oades, Detroit, Mich.
J						
Tug	Jackson, Rose	35	17	63x14x 7	1881	Great Lakes Dredge & Dock Co., Chicago, Ill.
Sch	Jackson, G. K.	400	380	163x31x 9	1882	Grant Horn, Sarnia, Ont.
F. B.	Jansen, August F.	...	...	...x...x...	...	Fire Department, City of Milwaukee, Wis.
Str	Jean	28	19	71x10x 6	1897	Thos. A. Gillespie, New York.
Str	Jenkins, Chas. O.	6285	4287	504x54x30	1907	Jenkins S. S. Co., A. T. Kinney, Mgr. Cleveland, O.
Str	Jenks, J. M.	4644	3381	414x50x28	1902	Acme Transit Co., Cleveland, O.
Sch	Jenness, B. W.	356	339	155x30x11	1867	W. D. Hamilton, Chicago, Ill.

Cbt	Jennings, Alida J...	116	98	95x17x...	1887	Frank Jennings, New York, N. Y.
Bge	†Jenny, W. Leb.....	3422	3280	365x45x23	1897	Pittsburgh Steamship Co., Cleveland, O.
Gas	Jessamine	57	47	81x14x 7		S. O. Richardson, Toledo, O.
Str	Jessie.....	201	201	126x25x 9	1900	Augustus R. Hinckley, Oswego, N. Y.
Str	Jex, H. N.....	626	479	169x26x18	1868	Theobald Emig, St. Clair, Mich.
Tug	Johnson, John	59	29	68x17x10	1887	Light House Board.
Sch	Johnson, Nellie	41	39	51x18x 4	1894	A. S. Cunningham, Chicago, Ill.
Tug	†Johnston, Robert E. 22	15	15	46x13x 5	1906	Walsma & Van Toll, Grand Haven, Mich.
Str	Jones, Arthur	34	20	58x16x 9	1893	United States Government.
Str	†Jones, B. F.....	6939	5492	530x56x31	1906	Interstate S. S. Co., W. H. Becker, Mgr., Cleveland, O.
Sch	Jones, Chester B...	493	470	167x30x12	1873	Wilhelmina E. Nelson, Towawanda, N. Y.
Str	†Jones, F. P.....	1706	1059	244x43x21.8	1913	Geo. Hall Coal Co., Ogdensburg, N. Y.
Sch	Jones, John V....	200	190	125x27x 9	1875	Greiling Bros. Co., Green Bay, Wis.
Tug	Josephine	46	25	...x...x..	1905	F. B. Chesbrough, Emerson, Mich.
Sch	Joses	120	114	100x24x 7	1866	Ole T. Olson, Marinette, Wis.
Scw	Joubert	194	194	104x26x..	1900	Whitney Bros. Co., Superior, Wis.
Tug	Joyce, G. W.....	25	17	43x12x 4	1909	Alfred Weborg, Gills Rock, Wis.
Str	Joyce, G. W	25	17	43x12x 5	1909	Alfred Weborg, Gills Rock, Wis.
Sch	Judd, E. T.....	389	369	149x30x11	1872	Adelaide M. Jex, Toledo, O.
Slp	Julia	42	40	62x15x 5	1884	Y. Pearo, Isle La Motte, Vt.
Gas	Juliet	37	25	63x10x 8	1907	E. G. Filer, Manistee, Mich.
Bge	June	44	44	52x22x..	1902	U. S. Lighthouse Dept. Detroit, Mich.
Gyt	Juanita	32	32	60x16x 6	1902	Charles A. Burton, Chicago, Ill.
Stp	†Juniata	4333	2619	340x45x28	1905	Erie & Western Trans. Co., Anchor Line, Buffalo, N. Y.
Str	Junior	339	310	135x33x10	1906	Lake Sand Co., Chicago, Ill.
Str	†Jupiter	3719	2769	346x48x28	1901	Interlake Steamship Co., Cleveland, O.
Str	Jupiter	29	17	62x17x 8	1910	Keystone Fish Co., Erie, Pa.
Str	Jupiter	29	17	61x16x 7	1910	Keystone Fish Co., Erie, Pa.
Sch	Jura	227	216	129x25x10	1862	Estabrook-Skeele Lumber Co., Chicago, Ill.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
K						
Str	Kalkaska	679	555	178x33x15	1884	Kalkaska S. S. Co., W. E. Holmes & Co., Agents, Chicago, Ill.
Str	Kansas	835	588	185x33x19	1870	Northern Michigan Transp. Co., Chicago, Ill. (Rebuilt 1904.)
Sty	Karma	38	19	78x12x 7	1900	W. H. Post, Ogdensburg, N. Y.
Bge	†Kathryn	629	629	150x34x..	1904	Empire Limestone Co., Buffalo, N. Y.
Str	†Kearsarge	3092	2721	328x44x27	1894	Canada-Atlantic Transit Co., Montreal, Can.
Str	†Keefe, J. S.	1640	944	238x41x19	1903	Gt. Lakes & St. Lawrence Trans. Co., D. Sullivan, Mgr., Chicago, Ill.
Sch	Keith, Ida	489	465	163x30x13	1873	Shannon & Garey, Saginaw, Mich.
Sch	Kelderhouse, John	500	475	168x32x12	1857	Reid Wrecking Co., Port Huron, Mich.
Sch	Keller, Hugo	129	105	92x17x 9	1890	W. C. Witter, Buffalo, N. Y.
Bge	†Kelley, Norman	513	497	179x35x15	1905	Kelley Isl. Lime & T. Co., Cleveland, O.
Bge	Kelly, Nora	25	25	43x18x..	1886	James McGee, Duluth, Minn.
Str	Kendall, Harvey J.	398	264	142x31x10	1892	Harvey J. Kendall, Marysville, Mich.
Str	†Kennedy, Hugh	7064	5500	532x56x31	1906	John Mitchell, Mgr., Buffalo S. S. Co., Cleveland, O.
Tug	Kennedy, Wm	86	43	75x20x10	1893	Great Lakes Towing Co., Cleveland, O.
Str	†Kensington	3762	3130	360x50x28	1903	Boland & Cornelius, Mgrs., American S. S. Co., Buffalo, N. Y.
Tug	Kentucky, nee Alpha	87	43	77x19x13	1881	Great Lakes Towing Co., Cleveland, O.
Bge	Kenyon	44	44	66x19x 4	1906	A. P. Kenyon, Marine City, Mich.
Gap	Kerosene Molly	....	....	31x 9x 4	1898	Grand Rapids Gas Eng. & Y. Co., Grand Rapids, Mich.
Str	†Kerr, D. G.	5531	3991	468x52x28	1903	Interlake Steamship Co., Cleveland, O.
Sch	Ketchum, Jas. L.	413	393	156x31x11	1867	W. H. Sharp, Bay City, Mich.

Str	†Ketchum, John B., 2nd. (See Greenland)								
Str	Kewaunee	143	98	90x24x 7	1900 Lake Carriers Association, Cleveland, O.				
Sch	Kewaunee	210	200	123x27x 9	1866 A. M. Skang, Escanaba, Mich.				
Tug	†Keystone	94	54	87x19x11	1891 Commissioners of Lincoln Park, Chicago, Ill.				
Gas	Killarney	32	30	54x13x 5	1910 James H. McGillan, Green Bay, Wis.				
Tug	Kinch, Wm. H.....	58	39	68x17x 9	1902 Great Lakes Dredge & Dock Co., Chicago, Ill. (Lost 1913.)				
Sch	King, C. G.....	457	434	163x29x12	1870 Harvey-Morrison Co., Cleveland, O.				
Str	King, George	432	380	176x30x13	1874 W. H. Sharp, Bay City, Mich.				
Str	†King, Willis L.....	7568	5712	580x58x32	1910 Interstate S. S. Co., W. H. Becker, Mgr., Cleveland, O.				
Stp	†Kirby, Frank E.....	532	375	195x30x20	1890 Ashley & Dustin, Detroit, Mich.				
Str	†Kirby, S. R.....	2338	1823	294x42x26	1890 Northwestern Trans. Co., Detroit, Mich.				
Sch	Kirk, Wm. B.....	116	93	92x14x 4	1887 Marion S. Kelsey, Brockport, N. Y.				
Sch	Knapp, F. M.....	384	365	155x29x11	1867 S. C. McLouth, Marine City, Mich.				
Str	Knapp, M. A.....	60	31	66x18x 9	1893 C. H. Starke Dredge & Dock Co., Milwaukee, Wis.				
Str	†Knight, Erastus C.	47	32	56x15x..	1908 American Sand & Gravel Co., Erie, Pa.				
Tug	Knight Templar ...	38	19	62x17x17	1890 Independent Tug Boat Line, Milwaukee, Wis.				
Str	Knight, Theodore C.	29	20	48x14x 7	1903 James Stewart & Co., New York, N. Y.				
Str	Knobloch, Lena ..	87	55	75x18x 6	1881 Peter F. Lardie, Old Mission, Mich.				
Tug	Koehn, Frederick...	39	19	70x13x 6	1886 Ernst Schneidewind, Sheboygan, Wis.				
Tug	Koerber, Henry Jr.	44	30	69x16x 6	1902 Fix Bros., Buffalo, N. Y.				
Bge	Koerber, Lottie ..	58	58	65x17x..	1901 Frank Fix, Buffalo, N. Y.				
Str	Kongs	672	482	215x31x10	1881 H. H. Salmon & Co., New York, N. Y. F. S. Sullivan, Buffalo, N. Y., Mgr				
Str	†Kopp, Jacob T.....	6035	4530	480x54x30	1907 Pennsylvania S. S. Co., Boland & Cornellius, Mgrs., Buffalo, N. Y.				

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	†Kotcher, C. W.....	4961	3632	420x52x28	1907	Detroit S. S. Co., D. Sullivan & Co., Mgrs., Chicago, Ill.
Scw	Kruger, Paul	227	227	109x29x..	1899	Wm. H. Botten, Cleveland, O.
Bge	†Krupp, Alfred	3259	3124	352x44x27	1896	Pittsburgh Steamship Co., Cleveland, O.
Tug	Kunkle Bros.	55	27	70x19x 7	1890	Great Lakes Towing Co., Cleveland, O.
L						
Str	†La Belle	6407	4876	504x54x..	1909	La Belle S. S. Co., J. S. Ashley, Sec., Cleveland, O.
Sty	La Belle	140	70	116x18x..	1889	Alexander Winton, Lakewood, O.
Str	†Lackawanna	2015	1595	260x39x25	1888	Buffalo Transit 'Co., 1202 Prudential Bldg., Buffalo, N. Y.
H. B.	La Duchess	247	247	104x22x..	1903	George S. Wagoner, Alexandria Bay, N. Y.
Tug	Lafayette	42	21	64x15x 6	1894	John J. Freitas, Buffalo, N. Y.
Str	†Lagonda	3647	3017	375x46x28	1896	Etna Steamship Co., John Mitchell, Mgr., Cleveland, O.
Gas	†Lagonda	62	42	69x16x 2	1902	C. D. Peruchi, Knoxville, Tenn.
Str	Lahmann, W. F. Sr. 43	29	29	58x15x 7	1891	Wm. F. Lahmann Sr., Milwaukee, Wis.
Str	†Lakeland	2425	1813	280x39x24	1887	Port Huron & Duluth S. S. Co., Port Huron, Mich.
Str	Lakeport nee Boston	1829	1669	263x36x27	1880	Port Huron & Duluth Steamship Co., Port Huron, Mich.
Str	†Lake Shore. (See Indus)	39	32	68x19x 4	1899	Henry L. Peltier, Erin, Mich.
Sch	Lake Side	1917	1677	266x38x26	1884	Port Huron & Duluth Steamship Co., Port Huron, Mich.
Str	†Lambert, John	1550	929	241x41x18	1903	Gt. Lakes & St. Lawrence Trans. Co., D. Sullivan, Mgr., Chicago, Ill.
Str	Langell, Simon	845	677	196x35x15	1886	Comstock & Sinclair, Duluth, Minn.

Str	Langham	.....	1810	1451	281x41x22	1888	John T. Adams, Detroit, Mich. (Burned 1910.)
Str	Langlois	.....	31	31	52x13x 6	1911	Wm. H. Mantinga, Racine, Wis.
Str	Langwell Boys	....	387	286	151x30x11	1890	Carrollton Steamship Co., Bay City, Mich.
Bge	Lark	.....	44	44	52x22x 6	1902	T. Hurley, Detroit, Mich.
Str	†La Salle	.....	1935	1596	266x38x23	1890	Atlas Steamship Co., R. C. Helm, Duluth, Minn.
Sch	Lathrop, S. H.	.....	278	264	137x26x10	1856	F. W. Gilchrist, Alpena, Mich.
Str	†Laughlin, James	.....	6939	5492	530x56x31	1906	Interstate S. S. Co., W. H. Becker, Mgr., Cleveland, O.
Dge	Laura D.	.....	135	122	101x27x6	1891	Toledo Builders' Supply Co., Toledo, O.
Sch	Lawrence, Fred M	.....	124	92	89x17x10	1893	Ellen Carpenter, Buffalo, N. Y.
Sch	Leader	.....	32	30	57x16x 4	1892	Fred Jackson, Detroit, Mich.
Tug	Leathem, John	....	75	38	80x17x 9	1878	The Edward Gillen Dock, Dredge & Cons. Co., Racine, Wis.
Str	Lee, Fred A.	.....	60	40	70x16x 9	1896	Great Lakes Dredge & Dock Co., Chicago, Ill.
Bge	Lee, Sam	.....	278	278	80x28x 7	1871	Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Stp	Leclanau Sand Dredge Le Fevre	.....	29	19	54x14x 7	1900	John Ver Snyder, Provemont, Mich.
Str	†Lehigh	.....	138	87	116x32x 6	1901	James Deanes, Toledo, O.
Str	Leidheiser Bros	..	1704	1503	238x36x26	1880	Harvey-Morrison Co., Cleveland, O.
Scw	†Leinster	.....	316	316	60x15x 6	1907	Henry Leidheiser, Vermilion, O.
Str	Leland	.....	366	318	125x32x..	1909	Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Str	†Leopold, N. F.	.....	6929	5245	148x28x12	1873	William Burns, Detroit, Mich. (Burned 1910.)
Tug	(nee W. R. Woodford) Leslie	.....	38	19	532x56x31	1908	Inland Steamship Co., Hutchinson & Co., Mgrs., Cleveland, O.
Str	Lewiston	.....	1808	1342	67x16x 7	1894	George Macdonald, Chicago, Ill.
Tug	Lenchan, Frank	..	35	24	272x38x21	1886	John Green, Buffalo, N. Y.
Str	†Leonard, Geo. B.	..	4037	2844	50x15x 7	1911	Cowles Ship Yard Co., Buffalo, N. Y.
					380x50x24	1903	Great Lakes Steamship Co., Rockefeller Bldg., Cleveland, O.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	Liberty	30	20	47x13x 6	1909	William Braeger, Milwaukee, Wis.
Str	Liberty	36	22	67x17x 7	—	Harry H. Boyd, Erie, Pa.
Str	Liberty	143	126	97x18x 5	1889	J. M. Clow, Marinette, Wis.
Stp	Liberty	143	126	97x. . . x.	1889	Andrew H. Crawford, Saugatuck, Mich.
Str	Liberty	36	22	68x18x 7	1910	Harry H. Boyd, Erie, Pa.
Tug	Liberty	30	20	47x13x 6	1909	Edw. G. Tews Jr., Milwaukee, Wis.
Scw	Lighter, No. 1	33	33	51x20x 4	1909	Fix Bros., Buffalo, N. Y.
Gas	Lillian II	44	38	64x15x 6	1907	E. W. Andrews, Chicago, Ill.
Sty	Lillie	31	26	69x15x 5	1872	A. A. Parker, Detroit, Mich.
Sl	Lillie D	28	28	61x15x 5	1902	Alonzo Diefendorf, Chaumont, N. Y.
Cbt	Lillis, F. C.	110	110	95x17x 7	1895	Ira M. Rose, Tonawanda, N. Y.
Sch	Lilly E.	191	182	123x26x 8	1869	Estabrook-Skeele Lumber Co., Chicago, Ill.
Str	Lily	104	79	95x23x 6	1889	J. M. Tucker, Mt. Clemens, Mich.
Dge	Lincoln	225	225	109x37x 7	1893	Duluth Marine Contracting Co., Rennick B. Knox, Mgr., Duluth, Minn.
Str	Linden	894	708	206x36x14	1895	H. McMorrin, Port Huron, Mich.
Str	Lindrup	42	28	63x15x 6	1891	James Stevenson, Cedarville, Mich.
Str	†Linn, Wm. R.	4328	3196	400x48x28	1898	Pittsburgh Steamship Co., Cleveland, O.
Bge	Lintie	42	42	50x22x. . .	1903	T. Hurley, Detroit, Mich.
Str	Little, C. H.	324	241	144x28x 8	1903	United Fuel & Supply Co., Detroit, Mich.
Sch	Little, Georgy	52	49	81x17x 6	1870	James McGregor, Cheboygan, Mich.
Str	Little Mac	25	19	60x11x 3	1886	People's Milling Co., Chaumont, N. Y.
Str	†Livingstone, Wm.	6634	4927	532x58x31	1908	Mutual S. S. Co., G. A. Tomlinson, Mgr., Duluth, Minn.
Str	†Livingstone	2134	1622	281x41x22	1889	Wm. Livingstone, Mgr., Detroit, Mich.
Tug	Lloyd, Hattie	34	28	68x12x 5	1883	A. C. Majo, Duluth, Minn.
Str	Lloyd, M.	31	22	70x14x. . .	1882	John Mollhagen, St. Joseph, Mich.
Sch	Loadstone	32	30	67x18x 4	1867	M. Peshea, Detroit, Mich.
Gyt	Lois	25	17	59x15x 5	1903	Cameron D. Waterman, Grosse Isle, Mich.

Str	Lookout	.....	28	19	46x11x 3	1894	F. C. Evershed, Irondequoit, N. Y.
Tug	Loomis, Luther	.....	29	14	55x13x 6	1889	Illinois Stone Co., Chicago, Ill.
Str	Lorain	.....	49	34	68x16x 7	1909	The Ranney Fish Co., Cleveland, O.
Ege	Lorain	.....	596	503	165x44x12	1908	Lorain Coal & Dock Co., Columbus, O.
Str	Lorena	.....	34	17	70x15x 8	1882	Joseph Walter, Sturgeon Bay, Wis.
Tug	Lorman, C. A.	.....	41	20	59x17x 8	1893	Alex Ruelle Jr., Detroit, Mich.
Sty	Lotus	.....	52	26	89x14x 6	1887	George Hall, Ogdensburg, N. Y.
Str	Louise	.....	83	43	88x19x 8	1878	Jos. W. Post, Sandusky, O.
Str	Louise	.....	49	24	92x14x 8	1893	S. Wagoner, Alexandria Bay, N. Y.
Str	Louisiana	.....	1929	1383	267x39x21	1887	J. R. Davock, Cleveland, O. (Lost 1913.)
Tug	†Louisville	.....	47	32	61x16x 8	1910	Booth Fisheries Co., Chicago, Ill.
Gas	Loyola	.....	23	22	43x11x 6	1906	Frank Wilson, Port Washington, Wis.
Sch	Lozen, J. B.	.....	565	538	178x32x12	1890	J. B. Lozen, New Baltimore, Mich.
Str	Lotus	.....	219	188	110x22x17	1893	Snow Transit Co., St. Ignace, Mich.
Sch	Lotus	.....	270	241	136x29x 9	1876	May A. Hamilton, Douglas, Mich.
Scw	Luckes, R. H.	.....	108	108	93x22x 4	1904	Great Lakes Dredge & Dock Co., Duluth, Minn.
Sch	Luckey, A. W.	.....	311	296	148x26x10	1867	Estabrook-Skeele Lumber Co., Chicago, Ill.
Sch	Lucy	.....	73	65	100x23x 5	1902	D. F. King, Detroit, Mich.
Sch	Ludwig, Mary	.....	68	65	81x20x 6	1874	Mary E. Beech, Menominee, Mich.
Scw	Ludington	.....	44	34	45x20x 4	1908	City of Ludington, Mich.
Tug	†Luebke, A. W.	.....	.....	.....	...x...x...	1911	Luebke & Luebke, Two Rivers, Wis.
Str	Luebke, A. W.	.....	52	35	68x15x 8	1911	Herman Luebke, Two Rivers, Wis.
Scw	Lumberjack	.....	127	127	...x...x...	1907	Whitney Bros. Co., Superior, Wis.
Str	Luna	.....	143	101	105x30x 7	1882	Christ Schlatterer, Saginaw, Mich.
Str	†Lupus	.....	3871	2997	356x50x28	1901	Interlake Steamship Co., Cleveland, O.
	(nee Gilchrist)						
Tug	Lutz, T. C.	.....	136	72	82x22x12	1896	Great Lakes Towing Co., Cleveland, O.
Str	†Luzon	.....	3582	2778	346x48x28	1902	E. D. Carter, Erie, Pa.
Str	Lycoming	.....	1448	1119	251x36x26	1880	James O'Connor, Tonawanda, N. Y. (Burned 1910.)
Tug	Lydon, Harry C.	.....	67	19	69x19x 7	1898	Great Lakes Dredge & Dock Co., Chicago, Ill.
Sty	†Lydonia	.....	497	338	181x26x17	1911	W. A. Lydon, Chicago, Ill.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Cbt	Lyman and Willis...	103	99	94x17x 7	1888	Geo. W. Dunbar, Gasport, N. Y.
Str	†Lynch, Thos.....	7240	5450	580x58x27	1906	Pittsburg Steamship Co., Cleveland, O.
Sch	Lyon, Mary	334	317	138x26x12	1874	Geo. Hall Coal Co., Ogdensburg, N. Y.
H. B.	Lysander	171	171	83x20x 3	1902	James Stewart, Clayton, N. Y.
M						
Str	†McCarthy, W. J....	98	40	82x21x10	1912	Great Lakes Dredge & Dock Co., Chicago, Ill.
Str	McCann, Margaret..	35	22	69x15x 7	1894	Jas. McCann, St. James, Mich.
Tug	†McCarthy, Wm. ...	80	54	70x18x10	1897	Great Lakes Dredge & Dock Co., Chicago, Ill.
Tug	†McCarthy, Wm. J. ...	...	...	...x...x...	1911	Great Lakes Dredge & Dock Co., Chicago, Ill.
Str	McCormick	160	120	106x24x 8	1887	A. R. Hinckley, Oswego, N. Y.
Str	†McCullough, J. G. ...	1895	1604	255x40x21	1890	Erie Railroad Lake Line, Buffalo, N. Y.
Str	McDonald, Rita ...	69	47	72x21x 8	1897	Great Lakes Towing Co., Cleveland, O.
Str	†McDougall, Alex ...	3686	2662	414x50x27	1898	Pittsburg S. S. Co., Cleveland, O.
Str	†McGean, John A. ...	5100	3777	432x52x28	1908	Hutchinson & Co., Mgrs., Pioneer S. S. Co., Cleveland, O. (Lost 1913.)
FB	†McGonagle, William A.	275	183	110x28x15	1908	Duluth, Mesabi & Northern Ry. Co., Duluth, Minn.
Sch	McGregor, Wm.....	732	696	200x34x14	1872	Milwaukee-Western Fuel Co., Milwaukee, Wis.
Str	McGregor, Mary A. ...	711	581	179x34x15	1889	Potter-Teare Transit Co., Cleveland, O.
Str	†McIntosh, H. P.	6765	5371	520x54x31	1906	Wilson Transit Co., Cleveland, O.
Str	†McKerchey, John M. ...	732	443	161x37x11	1906	United Fuel & Supply Co., Detroit, Mich.
Str	†McKinney, Price....	5250	3927	420x54x28	1908	Corrigan, McKinney & Co., Cleveland, O.
Sch	McLachlan, Mary E. ...	1394	1324	250x41x16	1893	McLachlan Trans. Co., Port Huron, Mich.
Str	McLouth, S. C.	2220	2046	266x41x27	1880	Sydney C. McLouth, Marine City, Mich. (Burned 1912.)
Tug	McNaughton, P. B. ...	63	31	73x17x 9	1888	P. B. McNaughton, Buffalo, N. Y.
Str	McVea, Charles....	331	263	123x24x10	—	Benton Transit Co., Benton Harbor, Mich.

Str	McVittie, A.....	2046	1552	240x42x25	1890 Ogdensburg Coal & Towing Co., Ogdensburg, N. Y.
Sch	McWilliams, Ed.	743	706	200x35x14	1893 Hope Trans. Co., J. A. Francombe, Mgr., Detroit, Mich.
Str	†McWilliams, John J.	3400	2808	352x45x26	1895 W. H. Gratiwick, Buffalo, N. Y.
Str	Mabel	27	18	68x11x 6	1901 Jas. G. Wilson, Clayton, N. Y.
Str	†Mack, Wm. H.....	3781	2923	354x48x28	1903 Jenkins S. S. Co., Rockefeller Bldg., Cleveland, O., A. T. Kinney, Mgr.
Str	†Mack, William S....	3720	2785	346x48x28	1901 Lake Erie Trans. Co., Cleveland, O.
Stp	†Mackinac	350	238	138x28x12	1909 Johnston Bros., Grand Haven, Mich.
Str	†MacTier, A. D..	1706	1059	244x43x21.8	1913 Geo. Hall Coal Co., Ogdensburg, N. Y.
Sch	Madonna	76	72	79x24x 6	1871 O. Christenson, Detroit Harbor, Wis.
Str	Maggie	30	20	54x16x 5	1899 B. N. Pickards, Leland, Mich.
Bge	†Magna	3259	3124	352x44x26	1896 Pittsburg Steamship Co., Cleveland, O.
Sch	Magnetic	1676	1592	264x38x21	1882 Gilchrist Transportation Co., Cleveland, O.
Gas	Mahafra II.....	57	37	...x...x..	1910 H. A. Parsons, Sault Ste. Marie, Mich.
Str	†Mahoning	2189	1744	274x40x23	1892 E. & W. T. Co., Anchor Line, Buffalo, N. Y.
Bge	†Maia	3804	3442	376x48x26	1898 Pittsburgh Steamship Co., Cleveland, O.
Stp	Maid of the Mist..	99	63	75x18x 7	1892 Frank LaBlonde, Niagara Falls, N. Y.
Bge	†Maida	3474	3210	376x46x26	1898 Pittsburgh Steamship Co., Cleveland, O.
Str	Maine	332	255	132x27x12	1862 S. C. McLouth, Marine City, Mich. (Burned 1911.)
Bge	†Maitland, Alexander	3351	2998	366x44x26	1902 Franklin Trans. Co., J. S. Ashley, Mgr., Cleveland, O.
Bge	Majestic	63	31	76x18x..	1871 D. F. Stevens, Duluth, Minn.
Dge	Majestic	560	372	110x40x13	1905 Great Lakes Dredge & Dock Co., Duluth, Minn.
Str	Major	147	110	109x24x 6	1891 James Thompson, Erie, Pa.
Stb	Major	128	118	108x24x 6	1891 Peter B. Colgan, Dunkirk, N. Y.
Str	Major	1864	1491	283x41x22	1889 James Playfair, Midland, Ont.
Str	Major Dana	52	26	65x16x 8	1891 Whitney Bros. Co., West Superior, Wis.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	Major Kingman ...	47	32	66x17x 8	1901	Empire Limestone Co., Buffalo, N. Y.
Tug	Major Slymons.....	43	30	60x17x 6	1900	Wellington McMinn, Buffalo, N. Y.
Str	†Malietoa.....	5229	3921	454x50x24	1899	Pittsburgh Steamship Co., Cleveland, O.
Bge	†Malta.....	2237	2132	302x40x25	1895	Pittsburgh Steamship Co., Cleveland, O.
Str	Manchester.....	2132	1611	281x41x..	1889	Milwaukee-Western Steamship Co., Milwaukee, Wis.
Bge	†Manda.....	3256	3121	352x44x26	1896	Pittsburgh Steamship Co., Cleveland, O.
Bge	†Manila.....	5039	4667	436x50x29	1899	Pittsburgh Steamship Co., Cleveland, O.
Str	Manistee.....	843	485	202x32x..	1882	Chicago, Racine & Milwaukee Line, Chicago, Ill.
Str	Manhattan.....	73	36	91x17x 9	1892	Howard M. Brown, Union Springs, N. Y.
Str	Manistique.....	473	382	157x31x13	1882	Reid Towing & Wrecking Co., Port Huron, Mich.
Stp	†Manitou.....	2944	2391	275x42x25	1893	Northern Michigan Transp. Co., Chicago, Ill.
Scy	Manitou.....	31	29	52x16x 7	1896	Lewis H. Cowles, Cleveland, O.
Tug	Mann, John C.....	33	17	60x16x 7	1898	Cartier Lumber Co., Ludington, Mich.
Str	†Manning, J. P.....	58	39	63x17x 9	1906	L. S. & M. S. Ry. Co., Cleveland, O.
Scw	Manns, Daniel E., No. 1.....	38	38	41x17x 4	1908	Daniel E. Manns, Buffalo, N. Y.
Scw	Manns, D. E., No. 2.....	28	28	40x17x 4	1908	Daniel E. Manns, Buffalo, N. Y.
Str	†Manola.....	2325	1835	282x40x21	1890	Pittsburgh Steamship Co., Cleveland, O.
St. L	Mansfield.....	382	351	159x32x 8	1892	Ironville Dock & Coal Co., Cleveland, O.
Bge	†Marcia.....	2237	2132	302x40x25	1895	Pittsburgh Steamship Co., Cleveland, O.
Bge	Marconi.....	175	175	82x26x..	1892	Arthur S. Osborn, Duluth, Minn.
Sch	Marengo.....	648	615	188x32x15	1873	Pittsburgh & Erie Coal Co., George B. Taylor, Mgr., Erie, Pa.
Str	Margaret D.....	31	22	63x15x..	1909	Lawrence B. Dahlmer, Dunkirk, N. Y.
Gas	Marguerita.....	32	25	54x13x 6	1908	David G. Joyce, Chicago, Ill.
Gyt	Marguerita.....	32	25	54x12x 6	1908	David G. Joyce, Chicago, Ill.
Tug	†Marguerite.....	28	13	46x14x 7	1894	Great Lakes Dredge & Dock Co., Chicago, Ill.

Str	†Maricopa	.....4223	3669	406x48x28	1896	Pittsburg Steamship Co., Cleveland, O.
Gyt	Marigold	.....96	91	87x17x 6	1912	Egbert H. Gold, Chicago, Ill.
Tug	Mariel	.....36	18	66x15x 7	1883	William Nicholson, Duluth, Minn.
Str	†Marina. (Now Canadian Str. Geo. A. Graham)	.....69	47	70x13x 8	1898	Great Lakes Dredge & Dock Co., Chicago, Ill. (Rebuilt 1906.)
Tug	†Marion	.....930	672	202x35x15	1899	Morton Salt Co., 717 Railway Exchange, Chicago, Ill.
Str	Marion	.....2831	2306	330x45x25	1892	Pittsburgh Steamship Co., Cleveland, O.
Gyt	Mariposa	.....28	23	59x12x 8	1901	J. S. Miller, Franklin, Pa. (Abandoned.)
Str	†Marquita	.....2325	1835	282x40x21	1890	Pittsburgh Steamship Co., Cleveland, O.
Str	†Maritana	.....2957	2429	330x45x20	1892	Pittsburgh Steamship Co., Cleveland, O.
Str	Markham, Geo. C.	.....309	250	141x29x11	1883	William Munroe et al., Muskegon, Mich.
Str	†M. & B. No. 1	.....1732	998	241x43x22	1902	Marquette & Bessemer D. & N. Co., Conneaut, O.
Str	†M. & B. No. 2	.....2583	1516	338x56x20	1910	Marquette & Bessemer D. & N. Co., Conneaut, O.
Str	Mars	.....29	21	62x15x 7	1903	Keystone Fish Co., Erie, Pa.
Sch	Mars	.....131	105	95x17x 9	1880	Albert Shaw, Buffalo, N. Y.
Str	†Mars (Now Canadian Str. Martian)	.....5039	4667	436x50x29	1900	Pittsburg Steamship Co., Cleveland, O.
Bge	†Marsala	.....202	192	135x27x 9	1882	Estabrook-Skeele Lumber Co., Chicago, Ill.
Sch	Marsh, Geo. A.	.....1640	987	241x41x18	1903	Gt. Lakes & St. Lawrence Trans. Co., D. Sullivan, Mgr., Chicago, Ill.
Str	†Marshall, Albert M.	.....365	279	150x30x11	1893	Louis Sands Salt & Lumber Co., Manistee, Mich.
Str	Marshall, Maggie	.....117	75	128x24x 5	1882	J. H. Marston, Appleton, Wis.
Str	Marston, J. H.	.....38	26	71x14x 6	1895	Wm. P. Schramm, Milwaukee, Wis.
Tug	Martel, Mae	.....3256	3121	352x44x26	1896	Pittsburgh Steamship Co., Cleveland, O.
Bge	†Martha	.....36	18	63x15x 7	1869	E. J. Hubel, Menominee, Mich. (Founded 1913.)
Tug	Martin, James H.	.....47	32	56x15x 8	1896	Great Lakes Towing Co., Cleveland, O.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Sch	Martin, Maria	568	510	175x33x13	1866	J. Dorrington, 62 Spruce St., Detroit, Mich.
Str	Martin, S. K.	302	240	152x29x12	1883	M. Sicken, Marine City, Mich. (Founded 1912.)
Str	Maruba	2311	1836	290x40x21	1890	Pittsburgh Steamship Co., Cleveland, O.
Sch	Marvin, Selden E.	618	587	174x33x12	1881	Edward Hines Lumber Co., Chicago, Ill.
Str	Mary	218	134	137x30x 7	1892	Harry C. Houghton, Detroit, Mich.
Bge	Mary	73	73	84x16x..	1898	Geo. C. Boldt, Alexandria Bay, N. Y.
Sty	Mary Alice	180	122	142x18x10	1897	Wm. J. Coreners, Buffalo, N. Y.
Tug	Mary and Norman	17	11	55x14x 6	1891	Thomas J. Welsh, Erie, Pa.
Tug	Mary Bell	38	24	58x11x 9	1870	A. F. Furguson, Ontonagon, Mich.
Gas	Mary E.	39	24	56x12x 5	1902	D. Jack, Fond du Lac, Wis.
Str	Mary H.	209	165	116x29x 7	1886	John Homegardner, Sandusky, O.
Str	Maryland	2419	1892	316x42x25	1890	Dakota Transit Co., Vance & Joys, Mgrs., Milwaukee, Wis.
Str	Masaba	2431	1992	292x40x25	1891	Lakewood Steamship Co., Hutchinson & Co., Mgrs., Cleveland, O.
Gyt	Mascotte	36	25	59x12x 4	1905	F. A. Hardy, Evanston, Ill.
Bge	Mason, R. P.	155	148	115x25x 8	1867	Wilber Anderson, Marinette, Wis.
Tug	Mason, W. G.	99	54	82x22x13	1898	Great Lakes Towing Co., Cleveland, O.
Stb	Massauga	119	77	92x17x 9	1894	Charles La Point, Buffalo, N. Y.
Str	Massachusetts	1415	1041	235x36x25	1882	F. E. Hall & Co., Montreal, Que.
Str	Mataafa	4840	3604	430x50x29	1899	Pittsburgh Steamship Co., Cleveland, O.
Sch	Matanzas	2600	2525	324x45x21	1899	Jas. Davidson, W. Bay City, Mich.
Str	Mather, Samuel	1713	1318	308x38x24	1892	Pittsburgh Steamship Co., Cleveland, O.
Str	Mather, Samuel	6751	5408	530x60x31	1906	Interlake Steamship Co., Pickands, Mather & Co., Mgrs., Cleveland, O.
Str	Mather, Wm. G.	6838	5183	513x60x31	1905	Cleveland Cliffs Iron Co., Cleveland, O.
Str	Mattoa	2311	1836	290x46x25	1890	Pittsburgh Steamship Co., Cleveland, O.
Sch	Matthews, Jennie	332	316	138x26x12	1874	Geo. Hall Coal Co., Ogdensburg, N. Y.

Tug	Mattick, Walter	91	62	76x20x 8	1908	Walter Mattick, Buffalo, N. Y.
Str	Mauch Chunk	4449	3609	382x50x15	1901	Lehigh Valley Trans. Co., Buffalo, N. Y.
Str	Maud	98	67	95x23x 7	1899	Belknap & Phillips, St. Clair, Mich.
Tug	Maud S.	33	16	58x15x 7	1881	Nels Nelson, Marinette, Wis.
Str	Mauna Loa	4951	4004	430x50x29	1899	Pittsburgh Steamship Co., Cleveland, O.
Str	Maxwell, E. G.	88	56	96x20x 8	1893	Whitney Bros. Co., Superior, Wis.
Str	Mayer, Oscar F. nee A. Fisher	58	39	68x16x 8	1909	Byrne Bros. Dredging & Engineering Co., Chicago, Ill.
Gas	Mayflower	25	19	57x11x 6	1907	Walter C. Bruszer, Chicago, Ill.
Str	Mayflower	43	31	44x14x 4	1880	H. N. Jey, Toledo, O.
Str	Mayflower	49	33	73x15x 5	1904	Empire Shipbuilding Co., Buffalo, N. Y.
Tug	Maytham, Tom	39	22	63x17x 7	1900	Wm. Wilkins, Oshkosh, Wis.
Str	Maytham, Thos.	2329	1972	286x41x24	1874	T. T. Lindae, Chicago, Ill.
Str	Maywood	398	358	130x28x11	1892	Gilchrist Transportation Co., Cleveland, O.
Str	Meacham, Daniel B.	6971	5482	530x56x31	1905	J. B. Moran, Escanaba, Mich.
Sch	Mead, J. H.	409	388	171x29x11	888	T. T. Linndale, 1109 W. Huron St., Chi- cago, Ill.
Str	Mecosta	1776	1418	281x40x20	1908	Frontier S. S. Co., W. M. Mills, Mgr., Tonawanda, N. Y.
F. B.	Medill, Joseph	309	30	104x28x16	1880	William Burns, Detroit, Mich.
Tug	Medina	56	28	66x17x10	1908	Fire Department, Chicago, Ill.
Sch	Mee, John	199	189	122x26x 9	1890	Great Lakes Dredge & Dock Co., Chi- cago, Ill.
Str	Melbourne, (nee City of Hol- land)	439	331	170x30x18	1881	Estabrook-Skeele Lumber Co., Chicago, Ill.
Sch	Melbourne	510	484	168x31x14	1893	Charles Beyschlag, St. Clair, Mich.
Tug	Meldrum, H. A.	68	47	71x20x18	1881	Martin Coyne, Milwaukee, Wis.
Sch	Melitta	68	68	88x20x 7	1899	Great Lakes Dredge & Dock Co., Chi- cago, Ill.
Sch	Melvina	270	257	133x28x10	1889	Great Lakes Dredge & Dock Co., Chi- cago, Ill.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Bge	Menominee	129	129	94x32x 8	1863	A. Heinkleman, Marine City, Mich.
Sch	Menominee	455	433	166x33x11	1883	Ogdensburg Coal & Towing Co., Ogdensburg, N. Y.
Tug	Menominee River..	73	36	78x17x 9	1879	Menominee River Fire Tug Co., Marinette, Wis.
Tug	Mentor	29	14	54x14x 6	1868	Northern Dredge & Dock Co., Duluth, Minn.
Str	Mentor	305	257	118x26x 9	1881	Wm. J. Hunkin, Cleveland, O.
Str	Mercereau, W. L...	98	35	74x20x11	1910	Great Lakes Towing Co., Cleveland, O.
Str	Mercur, Fred	1224	966	232x36x20	1882	George Hall Coal Co., Ogdensburg, N. Y.
Str	Mercury	29	21	62x15x..	1908	Keystone Fish Co., Erie, Pa.
Str	†Merida	3329	2389	360x45x26	1893	Frank Sullivan, Rockefeller Bldg., Cleveland, O.
Str	Merrimac	1399	1202	235x41x21	1882	Gilchrist Transportation Co., Cleveland, O.
Tug	Meyer, John E.....	133	90	78x21x12	1910	Barnett & Record Co., Duluth, Minn.
Str	Meyer, W. H.....	94	64	89x24x11	1898	Sophia Meyer, Milwaukee, Wis.
Str	Miami	228	191	131x28x10	1888	Hugh R. Havey, Detroit, Mich.
Str	†Michigan	6924	5476	530x56x31	1906	Cleveland-Cliffs Iron Co., Cleveland, O.
C.F.	†Michigan Central ..	1522	999	263x46x16	1884	Kelley Island L. & T. Co., Cleveland, O.
Sch	Middlesex	618	587	186x32x13	1881	Henry Brock, 1387 East 110th St., Cleveland, O.
Tug	†Miles, Paddy	33	16	52x14x..	1891	Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Str	†Milinokett	6215	4947	504x52x30	1906	Milinkett S. S. Co., H. L. Shaw, Mgr., Bay City, Mich.
Tug	Miller, Dan W.	25	17	40x13x 4	1899	L. S. Goss, Toledo, O. (Rebuilt 1901.)
Str	†Miller, Leonard B..	6291	4921	504x54x30	1909	Miller Transit Co., W. C. Richardson, Mgr., Cleveland, O.
Str	†Miller, P. P.....	3845	2858	354x48x28	1903	O. G. Donaldson, Buffalo, N. Y.

Str †Mills, D. O.	6598	4850	532x58x31	1906	Pickands, Mather & Co., Mgrs., Interlake Steamship Co., Cleveland, O.
Str Mills, David W.	925	654	202x34x13	1874	D. W. Mills, 5 Carter St., Cleveland, O.
Str Mills, Robert	2070	1712	256x40x22	1888	James E. McAlpine, Brown & Co., Mgrs., Buffalo, N. Y.
F. B. †M. F. D. No. 15	194	132	106x26x13	1903	City of Milwaukee, Wis.
F. B. †M. F. D. No. 17	136	92	99x25x10	1903	City of Milwaukee, Wis.
F. B. †M. F. D. No. 23	133	90	100x24x10	1897	City of Milwaukee, Wis.
F. B. †M. F. D. No. 29	148	91	96x26x12	1906	City of Milwaukee, Wis.
C. F. †Milwaukee	2933	1755	338x56x20	1903	Grand Trunk Milwaukee Car Ferry Co., Milwaukee, Wis.
Tug Milwaukee	82	56	70x23x11	1889	C. H. Starke Dredge & Dock Co., Milwaukee, Wis. (Rebuilt 1906.)
Str †Milwaukee	3327	2424	325x44x28	1902	Western Transit Co., Buffalo, N. Y.
Str †Minch, Anna C.	4285	3229	380x50x28	1903	Kinsman Transit Co., H. Steinbrenner, Mgr., Cleveland, O.
Str †Minch, Philip	5865	4471	480x52x30	1905	Kinsman Trans. Co., H. Steinbrenner, Mgr., Cleveland, O.
Sch Miner, Franc	45	43	68x17x 5	1885	H. Thompson, Manitowoc, Wis.
Str Mineral City	57	28	70x16x 5	1895	William J. Woods, Mt. Clemens, Mich.
Sch Minerva	222	211	126x26x12	1863	Estabrook-Skeele Lumber Co., Chicago, Ill.
Tug Minnesota	111	60	71x20x12	1911	Great Lakes Towing Co., Duluth, Minn.
Str Mist	34	23	55x17x 6	1912	G. J. Papirsch, Erie, Pa.
Sey Mistral	33	31	61x14x 8	1895	George Ortseifen, Chicago, Ill.
Sch Miztec	777	738	194x35x14	—	H. R. Spencer, Duluth, Minn.
Sch Mingoe	712	681	198x36x12	1893	Luther P. Graves, Buffalo, N. Y.
Str †Minnekahta	2818	2202	328x42x25	1893	James Playfair, Midland, Ont.
(see Wm. H. Gratwick)					
Stp †Minnesota .....	....	....	288x41x26	1888	Chicago & Duluth Transp. Co., Chicago, Ill. (Rebuilt 1911.)
(see Harlem)					
Str †Minneapolis	2029	1221	238x42x26	1897	Mutual Transit Co., Buffalo, N. Y.
Str †Minnetonka	2419	2000	324x42x24	1893	James Playfair, Midland, Ont.
(see Alva)					
Sty Minnemaac	27	18	...x...x...	1908	Norman Macdonald, Calumet, Mich.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage		Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	Minnie M.	447	295	295	...x...x...	1884	John H. Hickler, Sault Ste. Marie, Mich.
Sly	Minx	29	28	28	27x...x...	1889	Walter H. Oades, Detroit, Mich.
Sch	Mishicott	73	69	69	79x21x 6	1882	Lars H. Jensen, Sturgeon Bay, Wis.
Stp	†Missouri	2434	1484	1484	225x40x16	1904	Northern Mich. Trans. Co., Chicago, Ill.
Gas	†Miss Vandenberg ..	197	134	134	90x21x 9	1909	David H. Lyon, Ogdensburg, N. Y.
Str	Mitchell, Alfred	1750	1550	1550	235x40x26	1900	Lakeside Steamship Co., Duluth, Minn.
St Bge	Mitchell, Forster W. 513		405	405	142x32x12	1909	Petrol Traffic Co., Duluth, Minn.
Str	†Mithell, Samuel	2277	1870	1870	292x40x25	1892	W. C. Richardson & Co., Mgrs., Cleveland, O
Tug	Mocking Bird	177	113	113	123x23x16	1873	G. A. Tomlinson, Duluth, Minn.
Tug	Mogul	23	13	13	56x14x 4	1889	E. W. Kishman, Vermilion, O.
Str	†Mohawk	2357	1616	1616	293x43x27	1893	Western Transit Co., Buffalo, N. Y.
Str	Mohegan	1216	1014	1014	225x39x14	1894	Luther P. Graves, Buffalo, N. Y.
Tug	Moiles, Annie	72	48	48	86x19x 9	1867	Benj. Boutelle, Bay City, Mich.
Str	†Moll, Clifford F....	5141	3894	3894	444x56x28	1909	American Steamship Co., Boland & Cornelius, Mgrs., Buffalo, N. Y.
Gyt	Monaloea	104	60	60	115x15x 9	1909	C. B. Borland, Chicago, Ill.
Sch	Monguagon	301	286	286	136x26x13	1874	T. Hurley, Board of Trade, Detroit, Mich.
Gye	Monimia	70	60	60	79x20x 9	1900	Geo. McKesson Brown, Skaneateles, N. Y.
Tug	Monitor	45	25	25	67x16x 9	1862	St. Lawrence River Power Co., Massena, N. Y.
Scw	†Monroe Doctrine ..	446	446	446	175x25x12	1897	Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Str	Montana	1212	952	952	236x36x24	1872	J. E. Sheehan, 970 Ath Ave., Detroit, Mich.
Sch	Montana	345	328	328	138x27x11	1864	N. Barkell, Marine City, Mich.
Scb	Montauk	92	73	73	98x17x 7	1875	Alfred E. Le Gault, et al., Lockport, Ill.
Bge	Montezuma	2722	2710	2710	342x46x21	1903	James Davidson, W. Bay City, Mich.
Sch	Montgomery, Wm. .	101	96	96	89x22x 6	1889	N. W. Fisk, Fisk, Vt.
Str	†Moon	97	81	81	79x16x 4	1905	George Moon, Buffalo, N. Y.
Str	†Moore, John W....	1961	1689	1689	246x41x25	1890	Frank M. Osborne, Cleveland, O.

Stp	†Moore, M. D.....	59	36	72x31x 5	1880	Winnebago Tug Boat Co., Oshkosh, Wis.
Sch	Moore, W. K.....	618	588	180x34x 4	1894	Charles D. Aaron, Detroit, Mich.
Bge	Moran, David	372	372	162x36x 9	1901	Kelley Island Lime & Trans. Co., Cleveland, O.
Sch	Moravia	1067	1014	213x40x17	1888	Tonawanda Iron & Steel Co., N. Tonawanda, N. Y.
Str	†Moreland, Wm. C..	7514	5803	580x58x32	1910	Interstate S. S. Co., W. H. Becker, Mgr., Cleveland, O. (Lost 1910.)
Tug	Morford, T. T.....	99	57	71x20x12	1896	Great Lakes Towing Co., Cleveland, O.
Sty	Morgan	29	14	65x13x 6	1891	Allen F. Rees, Houghton, Mich.
Str	†Morgan, J. Pierpont, Jr.	7521	5824	50x58x32	1910	Pittsburgh Steamship Co., Cleveland, O.
Str	†Morgan, Pierpont..	7161	5530	580x58x32	1906	Pittsburgh Steamship Co., Cleveland, O.
Str	Morley, W. B.	1747	1565	240x43x21	1892	Geo. Hall Coal Co., Ogdensburg, N. Y.
Gas	Morning Star	42	38	52x14x 8	1911	Benjamin Purnell, Benton Harbor, Mich.
Str	†Morrrell, Daniel J..	7239	5419	580x58x32	1906	Cambria Steamship Co., M. A. Hanna & Co., Mgrs., Cleveland, O.
Scw	Morrison	136	136	99x24x 7	1903	Nau Tug Line, Green Bay, Wis.
Str	†Morrow, Joe S.....	4895	3606	420x52x28	1906	Masaba S. S. Co., Joseph Sellwood, Mgr., Duluth, Minn.
Sch	Morse, James W...	132	105	95x18x..	1888	Blanche E. Morse, Phoenix, N. Y.
Str	†Morse, Jay C.....	6649	5087	532x58x31	1906	Pickands, Mather & Co., Mgrs., Interlake Steamship Co., Cleveland, O.
Tug	Morse, Jay C.....	99	69	77x17x 9	1867	Charles S. Hebard, Pequaming, Mich.
Str	†Morse, Sam'l F. B.	4936	4307	455x50x29	1898	Pittsburgh Steamship Co., Cleveland, O.
Tug	Mosher	68	34	64x17x10	1890	Great Lakes Towing Co., Cleveland, O.
Bge	Mott, Richard	267	267	147x26x10	1854	The Sturgeon Bay Stone Co., Sturgeon Bay, Wis.
Sch	Mowatt, James	523	497	166x33x13	1887	J. W. Squires, Marine City, Mich.
Str	Mueller	729	578	160x32x12	1884	Wisconsin Land & Lumber Co., W. E. Holmes & Co., Agts., Chicago, Ill.
Sch	Mueller, Minnie ...	199	189	120x26x 9	1868	Estabrook-Skeele Lumber Co., Chicago, Ill.
Str	Mulinix Bros.	91	83	81x24x 6	1909	J. W. Mulinix, Toledo, O.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	†Mullen, Martin	4635	3471	416x50x28	1904	Hutchinson & Co., Cleveland, O.
Str	†Muncy	3863	2946	350x46x30	1902	Erie & Western Trans. Co., Anchor Line, Buffalo, N. Y.
Str	†Munro, Josiah G.	6971	5482	530x56x31	1907	Frontier S. S. Co., W. M. Mills, Mgr., No. Tonawanda, N. Y.
Sew	†Munster	316	316	125x32x..	1909	Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Str	†Murphy, Simon J.	4869	3770	435x50x28	1900	Pittsburgh Steamship Co., Cleveland, O.
Str	Muskegon	941	655	211x39x23	1872	A. B. Stoll, Chicago, Ill. (Formerly Peerless. Burned 1910.)
Bge	Mutual	441	441	100x30x..	1905	Mutual Transit Co., Buffalo, N. Y.
Tug	Myers Boys	27	18	59x14x7	1903	George Owen, Ashtabula, O.
Str	Myron	676	414	186x32x14	1888	Hopkins Transp. Co., Duluth, Minn. (Re-built 1904.)
Tug	Myrtle	41	28	52x13x6	1900	W. B. Chapin, Cheboygan, Mich. (Re-built 1910.)
Sch	Mystery	37	37	62x20x5	1901	W. W. Munroe, Gibraltar, Mich.
Tug	Mystic	63	31	76x18x9	1871	Zenith Dredge Co., Duluth, Minn.
N						
Sch	Nancy	86	81	94x17x7	1868	James W. Mack, Port Kent, N. Y.
Bge	Napoleon	423	423	133x14x..	1901	Great Lakes Dredge & Dock Co., Chicago, Ill.
Sch	Nashotah	94	72	100x18x6	1877	Royal Transit Co., Chicago, Ill.
Tug	†Nashville	47	32	61x16x8	1910	Booth Fisheries Co., Chicago, Ill.
Bge	†Nasmyth, James	3422	3162	365x46x23	1896	Pittsburg Steamship Co., Cleveland, O.
Sch	Nau, Libbie	236	198	129x26x10	1867	Peter Halvorsen, Chicago, Ill.
Sty	Nautilus	57	23	92x16x10	1886	U. S. Engineer Corps, Washington, D. C.
Sty	Navajo	42	28	79x12x8	1896	George C. Sherman, Watertown, N. Y.
Str	†Neff, Charles S.	992	800	200x38x14	1901	Chas. S. Neff, Milwaukee, Wis.
Str	Neff, M. C.	276	210	137x28x11	1888	Wm. F. Thompson, Duluth, Minn.

Sch	Neil, Fanny	451	428	162x30x12	1870	J. U. Karr, Cleveland, O.
Str	†Neilson, James B.	2234	1571	320x42x25	1892	Pittsburg Steamship Co., Cleveland, O.
Str	Nelles, George T.	83	42	82x22x11	1906	Great Lakes Dredge & Dock Co., Chicago, Ill.
Str	Nellie	85	85	108x21x 3	1904	Walter P. Needham, La Grange, Ill.
Str	Nellie B.	28	19	56x11x 6	1905	Cook & Brown Lime Co., Oshkosh, Wis.
Str	Nellie H.	25	17	55x11x 6	1900	Robert Beutel, Bay City, Mich.
Tug	Nelson, George	45	23	65x18x 8	1886	R. P. Thompson, Port Huron, Mich. (Total loss.)
Str	Neosho	1983	1659	266x41x23	1888	Gilchrist Transportation Co., Cleveland, O.
Str	†Neptune	3717	2773	346x48x28	1901	Interlake Steamship Co., Cleveland, O.
Str	Nerita	137	68	133x17x..	1887	Simon J. Murphy, Detroit, Mich.
Str	Nessen, N. J.	375	319	149x29x13	1880	Nessen Transportation Co., Manistee, Mich.
Str	†Nettleton, A. E.	6286	5006	525x55x31	1908	Great Lakes Steamship Co., Rockefeller Bldg., Cleveland, O.
Gas	Newhouse, Oscar	70	65	78x20x 7	1876	William Williamson, Manitowoc, Wis.
Sch	New Westminster	34	20	62x16x 5	1890	S. S. Inglehart, Watertown, N. Y.
Sch	Newland, J. B.	157	149	111x26x 8	1870	C. C. Naicid, Racine, Wis.
Ltr	Newman, T. F.	855	749	165x36x14	1902	Great Lakes Towing Co., Cleveland, O.
Str	New York	1345	1274	269x37x28	1879	New York Steamship Co., Detroit, Mich. (Foundered 1910.)
Tug	†New York	45	31	61x16x 8	1911	Booth Fisheries Co., Chicago, Ill.
Sch	New York Recorder	121	100	95x17x 9	1892	Eva E. West, Crescent, N. Y.
Str	Nia	45	22	72x13x 4	1889	George M. Paine, Oshkosh, Wis.
Str	Niagara	99	71	98x18x 7	1878	Morton Salt Co., Chicago, Ill.
Str	Niagara	36	24	65x12x 5	1899	J. W. Rattray, Clayton, N. Y.
Str	†Niagara	1951	1483	266x42x20	1897	Boland & Cornelius, Buffalo, N. Y.
Bge	Niagara	279	256	119x30x 6	1906	Charles W. Holloway, Buffalo, N. Y.
Str	Niagara	213	149	92x23x 8	1882	International Ferry Co., Buffalo, N. Y.
Str	†Niagara Frontier	421	287	119x39x14	1910	International Ferry Co., Buffalo, N. Y.
Str	Nicaragua	1201	911	241x37x23	1894	Ogdensburg Coal & Towing Co., Ogdensburg, N. Y.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	†Nicholas, I. W.	2624	1857	328x42x27	1894	Reid Wrecking Co., Sarnia, Ont.
Tug	Nicholls, J. G.	111	74	106x22x 6	1889	T. B. Cresswell, Saginaw, Mich.
Str	Nightingale	56	37	76x13x 6	1890	H. S. Johnson, Clayton, N. Y.
Str	Niko	814	658	189x35x13	1889	Edward Hines Lumber Co., Chicago, Ill.
Str	Nipigon	626	540	191x34x15	1883	W. J. Harlow, Toledo, O.
Bge	97	392	392	125x..x..	1902	Empire Limestone Co., Buffalo, N. Y.
Bge	98	387	387	122x30x..	1900	Empire Limestone Co., Buffalo, N. Y.
Dge	No. 1	152	139	56x27x..	1894	Detroit Dredging Co., Detroit, Mich.
Dge	No. 1	204	204	86x33x 8	1900	Zenith Dredge Co., Duluth, Minn.
Scb	No. 1	485	485	163x34x..	1901	John M. McKerchey, Detroit, Mich.
Bge	No. 1	90	90	67x21x 6	1884	Northern Dredge & Dock Co., Duluth, Minn.
Bge	No. 1	42	42	49x29x 6	1907	Interstate Dredge & Dock Co., Duluth, Minn.
Bge	No. 1	109	109	105x22x 6	1875	H. M. Peyton, Duluth, Minn.
Scw	No. 1	269	269	130x34x 6	1909	Empire Engineering Corporation, Buffalo, N. Y.
Dge	No. 1	191	197	78x25x..	—	Great Lakes Dredge & Dock Co., Chicago, Ill.
Dge	No. 1	431	33	103x32x..	—	Great Lakes Dredge & Dock Co., Chicago, Ill.
Dge	No. 1	293	293	89x29x 7	1911	Wisconsin Dredge & Dock Co., Sheboygan, Wis.
Dge	No. 1	219	153	98x30x 7	1879	Greiling Bros. Co., Green Bay, Wis.
Bge	No. 1	1544	1462	309x64x..	1895	Rasch & Johnson, Chicago, Ill.
Scw	No. 1	120	120	77x22x 7	1893	Duluth Marine Contracting Co., Duluth, Minn.
Scw	No. 1	79	79	65x25x 5	1898	Duluth Marine Contracting Co., Duluth, Minn.
Scw	No. 1	169	169	95x21x 9	1894	Buffalo Dredging Co., Buffalo, N. Y.
Scw	No. 1	44	44	54x20x 5	1903	Zenith Dredge Co., Duluth, Minn.

Scw	No. 1	.....	200	200	109x27x 8	1893	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw	No. 1	.....	79	79	93x22x 5	1902	Cook & Brown Lime Co., Oshkosh, Wis.
Scw	No. 1	.....	200	200	109x27x 8	1893	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw	No. 1 L	.....	57	57	60x22x..	1902	Grant Smith & Co. & Locher, Detroit, Mich.
Scw	No. 2	.....	200	200	109x27x 8	1893	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Bge	No. 2	.....	84	84	61x21x 6	1883	Northern Dredge & Dock Co., Duluth, Minn.
Scw	No. 2	.....	116	116	75x22x 7	1893	Duluth Marine Contracting Co., Duluth, Minn.
Drg	No. 2	.....	236	236	79x28x 8	1887	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Bge	No. 2	.....	104	104	104x23x..	1895	Cook & Brown Lime Co., Oshkosh, Wis.
Bge	No. 2	.....	253	253	81x60x 5	1890	Peter Grignon, Duluth, Minn.
Bge	No. 2	.....	85	85	77x26x 5	1887	Great Lakes Dredge & Dock Co., Chicago, Ill.
Bge	No. 2	.....	33	33	72x14x..	1895	M. Sullivan, Buffalo, N. Y.
Dge	No. 2	.....	110	110	76x31x 5	1900	Zenith Dredge Co., Duluth, Minn.
Scw	No. 2	.....	200	200	109x27x 8	1893	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Dge	No. 2	.....	325	179	106x30x 6	1904	Great Lakes Dredge & Dock Co., Duluth, Minn.
Scw	No. 2	.....	227	227	102x32x8.7	—	Great Lakes Dredge & Dock Co., Duluth, Minn.
Dge	No. 2	.....	236	236	79x28x 8	1887	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw	No. 2 L	.....	136	136	90x26x..	1908	Great Lakes Dredge & Dock Co., Duluth, Minn.
Dge	No. 3	.....	406	406	110x30x6.6	1907	Great Lakes Dredge & Dock Co., Duluth, Minn.
Scw	No. 3	.....	190	190	108x27x 8	1893	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Scw	No. 3 L	136	136	90x26x..	1908	Great Lakes Dredge & Dock Co., Duluth, Minn.
Bge	No. 3	175	175	101x24x 7	1892	Northern Dredge & Dock Co., Duluth, Minn.
Bge	No. 3	152	152	135x22x..	1905	Cook & Brown Lime Co., Oshkosh, Wis.
Bge	No. 3	88	88	101x32x 6	1898	Great Lakes Dredge & Dock Co., Chicago, Ill.
Bge	No. 3	80	80	75x22x..	1897	M. Sullivan, Buffalo, N. Y.
Bge	No. 3	617	617	136x36x12	1907	Duluth-Superior Dredge Co., Duluth, Minn.
Dge	No. 3	762	732	125x42x11	1900	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw	No. 3	355	355	103x32x10	1909	Duluth Marine Contracting Co., Duluth, Minn.
Dge	No. 3	170	104	84x17x..	—	Great Lakes Dredge & Dock Co., Chicago, Ill.
Dge	No. 3	234	121	84x26x..	—	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw	No. 3	190	190	108x27x 8	1893	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Drl	No. 4	...	...	130x...x..	1908	Great Lakes Dredge & Dock Co., Cleveland, O.
Bge	No. 4	617	617	136x36x12	1907	Duluth-Superior Dredge Co., Duluth, Minn.
Bge	No. 4	192	192	104x24x 8	1894	Northern Dredge & Dock Co., Cleveland, O.
Scw	No. 4	173	173	84x27x..	1907	St. Lawrence River Power Co., Massena, N. Y.
Scw	No. 4	269	269	115x28x10	1896	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw	No. 4	355	355	103x32x10	1909	Duluth Marine Contracting Co., Duluth, Minn.
Drg	No. 4	259	259	85x30x 8	1890	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw	No. 4	90	90	64x21x 8	1900	Zenith Dredge Co., Duluth, Minn.
Str	No. 4	58	37	65x22x 4	1883	A. J. Dupius Co., Detroit, Mich.
Scw	No. 4, Derrick	116	97	84x24x 5	1901	Buffalo Dredging Co., Buffalo, N. Y.
Dge	No. 4	332	332	101x30x 8	1890	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.

Dge No. 5	285	73x30x..	1889	E. M. Graves, Cleveland, O.
Bge No. 5	618	141x36x12	1908	Duluth-Superior Dredging Co., Duluth, Minn.
Scw No. 5	173	84x27x..	1907	St. Lawrence River Power Co., Massena, N. Y.
Scw No. 5	85	74x19x 7	1894	M. Sullivan, Buffalo, N. Y.
Scw No. 5	351	130x30x 8	1908	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw No. 5	117	79x21x..	1904	Zenith Dredge Co., Duluth, Minn.
Scw No. 5	142	87x24x..	1895	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw No. 5 L.	136	90x26x..	1908	Great Lakes Dredge & Dock Co., Duluth, Minn.
Scw No. 6	85	74x19x12	1894	M. Sullivan, Buffalo, N. Y.
Scw No. 6 L.	136	90x26x..	1908	Great Lakes Dredge & Dock Co., Duluth, Minn.
Scw No. 6	624	143x36x 8	1908	Duluth-Superior Dredging Co., Duluth, Minn.
Scw No. 6	123	77x22x..	1901	Zenith Dredge Co., Duluth, Minn.
Scw No. 6	173	84x27x..	1907	St. Lawrence River Power Co., Massena, N. Y.
Scw No. 7	151	97x25x 8	1892	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw No. 7	142	91x22x 8	1898	Zenith Dredge Co., Duluth, Minn.
Dge No. 7	292	90x31x 7	1891	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw No. 7	826	111x40x..	—	Great Lakes Dredge & Dock Co., Chicago, Ill.
Dge No. 7	292	90x31x 7	1891	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw No. 7	151	97x25x 8	1892	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Dge No. 7	125	74x27x 7	1893	Great Lakes Dredge & Dock Co., Duluth, Minn.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Scw	No. 7 L	44	44	52x22x..	1902	Grant Smith & Locher, Detroit, Mich.
Scw	No. 8	158	158	100x25x 8	1892	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Dge	No. 8	385	385	100x33x 8	1893	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Ege	No. 8	93	93	101x32x 6	1898	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw	No. 8	196	196	111x26x..	1892	M. Sullivan, Buffalo, N. Y.
Scw	No. 8	184	184	97x25x..	...	Buffalo Dredging Co., Buffalo, N. Y.
Dge	No. 8	385	385	100x33x 8	1893	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw	No. 8	158	158	100x25x 8	1892	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw	No. 9	362	362	109x34x..	1903	Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Dge †No. 9		959	959	132x44x13	1906	(steel) C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw	No. 9	295	295	100x28x..	1898	Great Lakes Dredge & Dock Co., Chicago, Ill.
Dge	No. 9	959	959	132x44x13	1906	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw	No. 10	276	276	99x26x..	1898	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw	No. 10	362	362	109x34x..	1903	Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Scw	No. 10	384	384	144x26x11	1900	Zenith Dredge Co., Duluth, Minn.
Scw	No. 11	372	372	130x32x10	1904	Zenith Dredge Co., Duluth, Minn.
Scw †No. 11		420	420	125x30x..	1904	M. Sullivan, Buffalo, N. Y.
Dge	No. 11	143	143	56x30x 6	1873	Great Lakes Dredge & Dock Co., Duluth, Minn.

Scw No. 11	.....	355	122x29x..	—	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw No. 12	.....	418	124x36x 9	1907	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw No. 12	.....	355	122x29x..	—	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw No. 13	(steel)	325	85x30x11	1908	Manitowoc Dry Dock Co., Manitowoc, Wis.
Bge No. 13	.....	42	43x16x 3	1890	Arthur S. Osborn, Duluth, Minn.
Scw No. 14	.....	181	111x24x 8	1896	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw No. 14	(steel)	325	85x30x11	1908	Manitowoc Dry Dock Co., Manitowoc, Wis.
Scw No. 14	.....	356	120x30x..	1901	M. Sullivan, Buffalo, N. Y.
Scw No. 14	.....	427	126x31x..	—	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw No. 14	.....	277	96x27x11	1908	Greiling Bros. Co., Green Bay, Wis.
Scw No. 14	.....	325	85x30x11	1908	Manitowoc Dry Dock Co., Manitowoc, Wis.
Scw No. 14	.....	181	111x24x 8	1896	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw No. 15	.....	324	93x30x11	1909	Manitowoc Dry Dock Co., Manitowoc, Wis. (steel)
Scw No. 15	.....	258	120x28x10	1900	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw No. 15	.....	222	101x28x..	1903	Detroit Dredging Co., Detroit, Mich.
F. B. No. 15	M. F. D... ..	194	106x26x14	1903	City of Milwaukee, Milwaukee, Wis.
Scw No. 15	.....	324	93x30x11	1909	Manitowoc Dry Dock Co., Manitowoc, Wis.
Scw No. 15	.....	258	120x28x10	1900	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw No. 15	427	126x31x..	—	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw No. 15	201	103x28x 8	1909	Greiling Bros. Co., Green Bay, Wis.

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AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Scw	No. 16	324	324	93x30x11	1909	Manitowoc Dry Dock Co., Manitowoc, Wis. (steel.)
Scw	No. 16	258	258	120x28x10	1900	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw	No. 16	451	451	137x32x11	1908	Great Lakes Dredge & Dock Co., Duluth, Minn.
Scw	No. 16	231	231	102x28x..	1903	Great Lakes Dredge & Dock Co., Duluth, Minn.
Scw	No. 16	324	324	93x30x11	1909	Manitowoc Dry Dock Co., Manitowoc, Wis.
Scw	No. 16	258	258	120x28x10	1900	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw	No. 16	214	214	85x28x 9	1909	Greiling Bros. Co., Green Bay, Wis.
Scw	No. 17	289	289	122x29x10	1901	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw	No. 17	206	206	100x26x..	1906	M. Sullivan, Buffalo, N. Y.
F. B.	No. 17	136	92	99x24x10	1893	City of Milwaukee, Milwaukee, Wis.
Bge	No. 17	60	60	67x18x..	1884	Lake Sup. Cont. & Dredge Co., Duluth, Minn.
Scw	No. 17	96	96	71x18x 7	1909	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw	No. 17	289	289	122x29x10	1901	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw	No. 18	350	350	125x30x11	1903	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw	No. 18	394	394	125x30x..	1907	M. Sullivan, Buffalo, N. Y.
Scw	No. 18	35	35	45x19x 5	1898	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw	No. 18	350	350	125x30x11	1903	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.

Scw No. 19	.....	382	125x30x11	1903	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw No. 19	.....	382	125x30x11	1903	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw No. 19	.....	382	125x30x11	1903	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw No. 20	.....	439	129x31x12	1904	(steel) C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw No. 20	.....	772	162x40x12	1905	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw †No. 20	.....	439	129x31x12	1904	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw No. 20	.....	289	120x29x 9	1911	Greiling Bros. Co., Green Bay, Wis.
Scw No. 21	.....	872	180x40x13	1906	(steel) C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Scw No. 21	.....	1029	180x37x13	1907	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw †No. 21	.....	872	180x40x13	1906	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
F. B. No. 23, M. F. D.	133	90	100x24x10	1896	City of Milwaukee, Milwaukee, Wis.
F. B. No. 29, M. F. D.	148	91	96x25x12	1906	City of Milwaukee, Milwaukee, Wis.
Scw No. 32	.....	382	126x31x10	1900	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw No. 32	.....	382	126x31x10	1900	Great Lakes Dredge & Dock Co., Duluth, Minn.
Scw No. 34	.....	220	110x30x10	1903	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw †No. 35	.....	420	125x30x..	1900	Michael Sullivan, Detroit, Mich.
Scw No. 36	.....	352	109x33x11	—	Great Lakes Dredge & Dock Co., Chicago, Ill.
Scw No. 37	.....	457	156x36x12	1911	Great Lakes Dredge & Dock Co., Duluth, Minn.
Bge No. 40	.....	185	84x33x 9	1891	Great Lakes Dredge & Dock Co., Duluth, Minn.
Str Noble, Alfred	.....	50	67x15x..	1905	U. S. Engineers' Dept.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	†Noble, Benjamin	1481	887	239x42x..	1909	Capital Transp. Co., Detroit, Mich.
Str	†Nokomis	70	52	125x16x 7	1901	W. H. Nichols, New York, N. Y.
Ege	†Nolan, T. L.	113	113	96x24x..	1895	E. L. Thompson, Detroit, Mich.
Tug	†Norma	111	78	101x22x 6	1884	Kelley Island Lime & Transp. Co., Cleveland, O.
Str	†Normandie	567	430	160x35x11	—	Morton Salt Co., 717 Railway Exchange, Chicago, Ill.
Str	†Normania	4871	3705	420x52x28	1908	Ashtabula Steamship Co., 1229 Rockefeller Bldg., Cleveland, O.
Sch	†Norris, Alice B.	692	589	194x32x13	1872	E. Hines Lumber Co., Chicago, Ill.
Stp	†North American	2317	1262	259x47x18	1913	Chicago, Duluth & Georgian Bay Transit Co., Chicago, Ill.
Tug	†North Harbor	73	39	68x17x11	1912	Great Lakes Towing Co., Duluth, Minn.
Str	†North Lake	3861	2941	350x46x26	1909	Mutual Transit Co., Buffalo, N. Y.
Stp	†North Land	4244	2339	358x44x24	1895	Northern Steamship Co., Buffalo, N. Y.
Str	†North Sea	3921	3045	351x46x31	1909	Mutual Transit Co., Buffalo, N. Y.
Str	†North Star	3849	2928	350x46x26	1909	Mutual Transit Co., Buffalo, N. Y.
Stp	†North West	4244	2339	358x44x24	1894	Northern Steamship Co., Buffalo, N. Y.
Str	†North Wind	2476	1885	299x41x25	1888	Mutual Trans. Co., Buffalo, N. Y.
Ege	†Northwestern	256	256	97x40x..	1894	Great Lakes Dredge & Dock Co., Chicago, Ill.
Str	†Northern King	2476	1885	299x41x25	1888	Mutual Trans. Co., Buffalo, N. Y.
Str	†Northern Light	2476	1885	299x41x25	1888	Mutual Trans. Co., Buffalo, N. Y.
Sch	†Northern Light	40	40	78x17x 6	1899	Fred F. Pratt, Dexter, N. Y.
Str	†Northern Queen	2476	1885	299x41x25	1889	Mutual Trans. Co., Buffalo, N. Y.
Str	†Northern Wave	2476	1885	299x41x25	1889	Mutual Trans. Co., Buffalo, N. Y.
Str	†Norton, David Z.	5667	4250	480x52x30	1906	W. C. Richardson & Co., Cleveland, O.
Str	†Norwalk	1007	882	209x39x14	1891	Shoal Water Trans. Co., Mt. Clemens, Mich.

Str	†Norway	.....6673	5314	504x58x26	1910 Great Lakes Steamship Co., Rockefeller Bldg., Cleveland, O.
Str	†Nottingham, Wm.	...4234	3070	380x50x28	1902 Great Lakes Steamship Co., Rockefeller Bldg., Cleveland, O.
Gas	Nourmahal	.....29	14	56x12x3	1905 William Parkinson, Houghton, Mich.
Ege	Noyes, J. B.	.....307	293	159x32x..	1886 Federal Contracting Co., Cleveland, O.
Tug	N. P.	.....42	41	61x19x4	1883 Philip Westaway, Duluth, Minn.
Str	Nyack	.....1188	955	231x33x24	1878 Crosby Trans. Co., Grand Haven, Mich.
Str	Nyanza	.....2296	1870	280x41x20	1890 F. B. McBrier, Erie, Pa.
Str	†Nye, Harold B.	.....4310	3365	380x50x28	1902 Keller Transit Co., Hutchinson & Co., Mgrs., Cleveland, O.
O					
Str	Oades, John	.....1454	1225	212x36x22	1890 Morton Salt Co., 717 Railway Exchange, Chicago, Ill.
Sch	Oak Leaf	.....395	375	160x32x11	1866 Lars H. Jensen, Sturgeon, Bay, Wis.
Str	Oceanica	.....1490	1241	263x28x21	1881 Tonawanda I. & S. Co., N. Tonawanda, N. Y.
Str	Oclemena	.....149	109	93x18x14	1870 R. T. Green, Chelsea, Mass.
Str	†Octorara	.....4329	2652	340x45x28	1910 Erie & Western Transp. Co., Buffalo, N. Y.
Str	Odanah	.....4907	3588	420x42x28	1907 Interlake Steamship Co., Cleveland, O.
Sch	O'Day, Ellen A.	.....112	92	95x17x..	1889 Emma O'Day, Tonawanda, N. Y.
Str	†Ogdensburg	.....2329	1673	242x43x27	1906 Rutland Transit Co., Ogdensburg, N. Y.
Str	Ogemaw	.....594	325	167x30x13	1881 Wm. E. Pierce, W. Bay City, Mich.
Tug	Oggel, E. C.	.....25	17	49x13x6	1874 Simon Schacht, Erie, Pa.
Str	†Oglebay, E. W.	.....3666	3019	375x45x26	1896 Gilchrist Transportation Co., Cleveland, O.
Tug	Ogontz	.....65	45	80x19x9	1892 Mrs. M. R. Pickands, Cheboygan, Mich.
Ege	Ohio	.....758	203	110x40x..	1906 Great Lakes Dredge & Dock Co., Chicago, Ill.
Ege	Ohio	.....224	198	132x28x7	1890 Lake Shore Sand & Gravel Co., Cleveland, O.
Str	Ohio	.....112	61	71x20x13	1910 The Great Lakes Towing Co., Cleveland, O.
Str	†Ohl, Edwin N.	.....5141	3818	420x54x28	1907 W. H. Becker, Cleveland, O.
Tug	Ojeda	.....9	..	38x10x5	1893 Gladstone Tug Line, Gladstone, Mich.
Str	†Olcott	.....337	229	148x28x28	1901 The Peninsula Stbt. Co., Sandusky, O.
(see Lakeside)					
Str	†Olcott, Wm. J.	.....7568	5712	580x58x33	1910 Pittsburg Steamship Co., Cleveland, O.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Tug	Olcott, W. J.	76	26	83x19x10	1910	Great Lakes Dredge & Dock Co., Duluth, Minn.
Dge	Old Glory	341	341	84x30x..	1894	M. Sullivan, Buffalo, N. Y.
Dge	Old Hickory	773	400	129x43x 8	1907	Duluth-Superior Dredge Co., Duluth, Minn.
Sch	Oiga	593	536	178x33x19	1873	Great Lakes Towing Co., Cleveland, O.
Slp	Olive Branch	21	20	50x13x..	1885	E. W. Crapo, Sackett's Harbor, N. Y.
Str	†Oliver, Henry W....	4909	3617	444x50x28	1899	Wilson Transit Co., Cleveland, O.
Bge	Olson	103	103	84x23x..	1891	Whitney Bros. Co., W. Superior, Wis.
Bge	Olson	115	115	78x21x..	1899	A. E. Osborn, Duluth, Minn.
Scw	Olson	81	81	..x..x..	1893	Lake Sup. Con. & D. Co., Duluth, Minn.
Str	Olympia	2065	1723	276x41x22	1889	Gilchrist Transportation Co., Cleveland, O.
Str	Omaha	1231	939	215x34x19	1887	Capt. Henry Russell, 117 Morse St., Ogdensburg, N. Y.
Str	Omega	2080	1217	302x40x21	1887	Omega Transportation Co., Detroit, Mich.
Sch	Oneida	201	190	134x24x 9	1857	Estabrook-Skeele Lumber Co., Chicago, Ill.
Tug	Onekama	33	26	57x16x 5	1883	George W. Smith, Charlevoix, Mich.
Bge	†137	2480	2367	345x45x26	1893	Pittsburgh Steamship Co., Cleveland, O.
Str	†Onoko	2164	1933	287x39x25	1882	Omar H. Reeve, Willoughby, O.
Str	†Ontario	5494	4153	444x56x31	1910	Northern Lakes S. S. Co., G. Vonden Steinen, Mgr., Cleveland, O.
Str	Orinoco	2226	1928	295x44x23	1898	James Davidson, W. Bay City, Mich.
Str	Orion	2283	1590	283x42x18	1901	Thrall S. S. Co., Green Bay, Wis.
Str	†Orizaba	76	49	94x13x 7	1875	Norwood & St. Lawrence Ry. Co., Waddington, N. Y.
Str	†Orr, Arthur	2745	2117	335x41x25	1893	Canada-Atlantic Trans. Co., Montreal, Can.
Str	†Orr, George N.....	2872	2280	326x42x25	1896	Canada-Atlantic Trans. Co., Montreal, Can.

See	Oscar, Annie E....	431	172x31x12	1884	H. McMorran, Port Huron, Mich.
Scw	Osborn	115	78x20x 8	1899	Arthur S. Osborn, Duluth, Minn.
Tug	†Osborn, Chase S....	492	128x25x13	1906	Pringle Barge Line Co., 327 Rockefeller Bldg., Cleveland, O.
Str	Osborn, Chase S. . .	32	64x13x 4	1907	Wm. Oates, state game warden, Lansing, Mich.
Str	†Osborn, Frank C.	681	155x37x10	1912	Superior Sand & Gravel Co., Detroit, Mich.
Str	†Osborne, F. M.....	4309	380x50x28	1902	Davidson Steamship Co., Bay City, Mich.
Tug	†Oscar I. ....	....	...x...x...	1911	New Aetna Portland Cement Co., Fen-ton, Mich.
Str	Oscoda	529	175x32x13	1878	Edward Hines Lumber Co., Chicago, Ill.
Str	Otis, John	301	147x32x10	1864	Detroit River Transit Co., Detroit, Mich.
Sch	Ottawa	163	115x25x 9	1874	Claus Weberg, Marinette, Wis. (Lost 1911.)
Sch	Our Son	720	182x35x12	1875	John W. Robinson, N. Tonawanda, N. Y.
Bge	Outing	33	51x16x..	1892	C. G. Emery, Clayton, N. Y.
Bge	Outing	43	89x22x..	1881	C. R. McLain, Duluth, Minn.
Stp	†Owana	747	200x32x20	1899	White Star Line, Detroit, Mich.
Str	†Owego	2611	325x41x26	1888	Erie Railroad Lake Line, Buffalo, N. Y.
Tug	Owen, John	328	136x25x12	1874	Frank Perry, Sault Ste. Marie, Mich.
Str	†Owen, John	2127	281x41x21	1889	Owen Transportation Co., W. C. Richardson & Co., Mgrs., Cleveland, O.
Sch	Owen, Geo. B.	744	196x34x13	1893	Shannon & Garey, 405 Bearinger Bldg., Saginaw, Mich.
Sch	Owens, John	129	90x15x 5	1893	John Clyde, Brooklyn, N. Y.
Str	Pabst, Fred	2430	287x42x29	1890	Reid Wrecking Co., Sarnia, Ont.
Tug	Pacific	42	63x16x 8	1876	D. E. Stevens, Duluth, Minn.
Str	Packer, Harry E....	1142	225x35x19	1882	Tonawanda Iron & Steel Co., N. Tonawanda, N. Y.
Sch	Page, Marion W...	749	194x34x15	1876	O. W. Blodgett Page Transp. Co., Bay City, Mich.
Str	†Paine, William A....	5798	480x52x30	1905	Hutchinson & Co., Cleveland, O.
Sch	Paisley	1046	211x35x17	1893	James Davidson, W. Bay City, Mich.

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CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Tug	Pallister	34	17	67x15x6	1873	Estate of L. S. Sullivan, Toledo, O. (Rebuilt 1900.)
Str	†Palmer, Wm. P.	7602	5746	580x58x32	1910	Pittsburgh S. S. Co., Cleveland, O.
Dge	Pan American No. 12	456	310	130x42x..	1901	Great Lakes Dredge & Dock Co., Chicago, Ill.
Str	Panama	2044	1596	275x41x..	1888	Davidson Steamship Co., Duluth, Minn.
Str	†Panay	3811	2778	356x50x28	1902	E. D. Carter, Erie, Pa.
Scw	Pangene	69	69	70x20x6	1912	Arthur M. Johnson, Green Bay, Wis.
Tug	Pankrantz, Geo.	63	39	72x29x9	1882	John T. Regan, Fayetteville, N. Y.
Str	Panther	1634	1140	247x36x22	1890	American Steamship Co., Milwaukee, Wis.
Str	†Parent, S. N.	1640	987	241x41x18	1903	Great Lakes & St. L. Trans. Co., Duluth, Minn.
Str	Parks, O. E.	392	289	134x28x11	1891	John H. Lutz et al., Chicago, Ill.
Str	†Parks, Sheldon	6611	5049	532x56x31	1906	Commonwealth Steamship Co., Cleveland, O.
Str	Parmelee, J. W.	30	15	61x17x7	1883	Mrs. Mariette O'Neil, Charlevoix, Mich.
Bge	Parsons, John S.	203	138	118x21x..	1891	Peoples Milling Co., Chaumont, N. Y. (Lost 1913.)
Sty	Pastime	49	29	94x16x7	1887	F. H. Walker, Detroit, Mich.
Str	†Pathfinder	2424	1761	320x42x25	1892	Pickands, Mather & Co., Mgrs., Interlake Steamship Co., Cleveland, O.
Sty	†Pathfinder	159	11	133x18x10	1896	F. W. Morgan, Chicago, Ill.
Tug	Pathfinder	38	19	69x15x8	1863	Lake Superior Dredging Co., Duluth, Minn.
Str	Paul L.	147	92	123x25x6	1907	W. W. LeFever, Tustin, Wis.
Str	Pawnee	639	475	174x32x13	1888	H. McMorran, Port Huron, Mich.
Str	Peavey, Frank H.	5002	3871	430x50x29	1901	Peavey S. S. Co., A. B. Wolvin, Mgr., Duluth, Minn.

Str	†Peavey, Geo. W.....	4997	3861	430x50x29	1901	Peavey S. S. Co., A. B. Wolvin, Mgr., Duluth, Minn.
Str	Peck, E. M. (Wrecked 1913—to be rebuilt).					
Tug	Peerless	77	50	76x19x 9	1893	Reid Wrecking Co., Sarnia, Ont. Great Lakes Towing Co., Cleveland, O.
Sch	Peerless	99	73	100x17x 7	1876	Morton Salt Co., Chicago, Ill.
Bge	†Pellett, Jah. H.	346	296	170x36x	1905	Kelly Island Lime & Transportation Co., Cleveland, O.
Sch	Pendell, Dorcas ..	407	389	148x31x11	1884	H. H. Salmon & Co., New York; Frank S. Sullivan, Buffalo, N. Y., Mgr.
Sch	Pennington, B. L...1142	1085	239x38x15	1889	Tonawanda I. & S. Co., N. Tonawanda, N. Y.	
Str	Pennsylvania	394	377	160x36x 8	1901	Ogdensburg Coal & Towing Co., Ogdensburg, N. Y.
Str	Penobscot	249	173	129x27x 9	1880	H. C. Hansen, Cleveland, O.
Str	†Penobscot	4077	3530	454x44x22	1885	The Lake Transit Co., H. L. Shaw, Mgr., Bay City, Mich.
Str	Pentland	827	617	193x36x14	1894	Spring Lake Iron Co., Fruitport, Mich.
Str	P. Marquette 3....	924	678	190x33x22	1887	Pere Marquette Line Steamers, Manistee, Mich.
Str	P. Marquette 4....	941	680	186x35x22	1888	Pere Marquette Line Steamers, Manistee, Mich.
Str	P. Marquette 5....	1722	1296	236x38x24	1890	Pere Marquette Line Steamers, Manistee, Mich.
Str	P. Marquette 6....	371	303	131x29x18	1888	Pere Marquette Line Steamers, Manistee, Mich.
Str	Pere Marquette 7..	141	112	112x22x11	1903	Pere Marquette Line Steamers, Manistee, Mich.
Str	Pere Marquette No. 8.....	691	548	171x35x12	1888	Pere Marquette Line Steamers, Manistee, Mich. (nee Tennessee)
Str	P. Marquette 14....	2531	1655	350x52x21	1904	Pere Marquette S. S. Co., Detroit, Mich.
C.F.	P. Marquette 16..	1938	1317	283x53x19	1895	Pere Marquette S. S. Co., Detroit, Mich.
C.F.	†P. Marquette 17..	2775	1685	338x56x20	1901	Pere Marquette S. S. Co., Detroit, Mich.

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CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
C.F.	†P. Marquette	18....2009	1722	338x56x20	1902	Pere Marquette S. S. Co., Detroit, Mich. (Lost 1910.)
C.F.	†P. Marquette	18..2777	1660	338x57x21	1910	Pere Marquette S. S. Co., Detroit, Mich.
C.F.	†P. Marquette	19..2626	1548	338x56x20	1903	Pere Marquette S. S. Co., Detroit, Mich.
C.F.	†P. Marquette	20..2626	1495	338x56x20	1903	Pere Marquette S. S. Co., Detroit, Mich.
C.F.	†Pere Marquette	....2443	1634	338x56x28	1896	Pere Marquette S. S. Co., Detroit, Mich.
Str	†Perfection	.....2209	1151	250x43x23	1911	Standard Oil Co., New York.
Str	†Perkins, Geo. W.	6406	4922	558x52x26	1905	Pittsburgh Steamship Co., Cleveland, O.
Str	Perry, D. P.	....37	29	75x14x 6	1902	Macatawa Transp. Co., Holland, Mich.
Str	Perry, Oliver H.	...76	44	74x18x 8	1902	Ohio Fish & Game Commission, Columbus, O.
Str	Perry, Wm. G.	....481	320	162x36x 9	1901	Pittsburgh Coal Co., Cleveland, O. (Rebuilt 1902.)
Str	†Perseus (see F. J. Hecker)	.....4978	3770	464x50x28	1905	Interlake Steamship Co., Cleveland, O.
Tug	Persons' Sons, C.	..49	34	56x16x 9	1899	James Stewart & Co., New York, N. Y.
Sch	Peshigo	.....633	601	201x34x12	1889	O. W. Blodgett, Bay City, Mich.
Str	Peters see Jim Sheriff	634	561	182x32x15	1883	Nessen Transportation Co., Manistee, Mich.
Sch	Peterson, Annie M	631	599	190x33x13	1874	Edward Hines Lumber Co., Chicago, Ill.
Stp	Petosega, nee Topinabee	....36	24	64x14x 5	1899	Wm. Hunbor, Traverse City, Mich.
Stp	Petoskey	.....770	544	171x30x20	1888	Chicago & South Haven S. S. Co., South Haven, Mich.
Tug	Petrel	.....34	23	52x14x 6	1895	Frank L. Mago, Tonawanda, N. Y.
Scw	Perry, Daniel D.	....289	268	120x30x 8	1908	James Harrigan, Buffalo, N. Y.
Sch	Petrel	.....78	74	91x23x 6	1864	Theodore Nelson, Sheboygan, Wis.
Gyt	Petrel	.....33	32	56x15x 7	1906	Ernest Venn, Detroit, Mich.
Bge	Pewaukee	.....353	353	135x26x11	1873	Leatham & Smith Towing & Wrecking Co., Sturgeon Bay, Wis.

Str	Phelps, Frank D...	83	57	90x20x 8	1903 Peoples Milling Co., Chaumont, N. Y.
Str	Phenix	1294	1035	240x38x18	1884 Geo. Hall Coal Co., Ogdensburg, N. Y.
Tug	#Philadelphia	45	31	61x16x 8	1911 Booth Fisheries Co., Chicago, Ill.
Str	#Philbin, D. M.....	6272	4826	504x54x30	1905 G. A. Tomlinson, Mgr., Duluth Steamship Co., Duluth, Minn.
	(<i>nee</i> Sylvania)				
Cbt	Philo, C. H.....	119	119	95x17x..	1886 Frank Jennings, New York City.
Str	#Phipps, Henry	7240	5450	580x58x32	1906 Pittsburgh Steamship Co., Cleveland, O.
Str	Pickands, H. S.....	625	505	181x32x14	1884 Harvey-Morrison Co., Cleveland, O.
Str	Picket	39	20	84x14x 7	1887 U. S. Engineer Corps, Duluth, Minn.
Bge	Picton Island 1.....	57	57	61x22x..	1906 Charles G. Emory, Clayton, N. Y.
Bge	Picton Island 2.....	32	32	50x18x..	1906 Charles G. Emory, Clayton, N. Y.
Sch	Pierce, A. C.....	30	27	54x15x 5	1887 W. S. Shaw, Boyne City, Mich.
Sch	Pierce, A. C.....	30	29	54x15x 5	1887 Robert Beutel Co., Bay City, Mich.
Str	Pierce, E. M.....	112	61	71x20x..	1909 Great Lakes Towing Co., Cleveland, O.
Str	Pine Lake	38	274	137x28x12	1895 John M. McKerchey, Detroit, Mich.
Str	#Pioneer. (See Canadian Str. Natironco).				
Tug	Pioneer	88	71	98x19x 6	1887 C. G. Schlatter, Saginaw, Mich.
Str	Pittsburgh .....	..	..	..x..x..	Pittsburgh Steamship Co., Cleveland, O.
Tug	#Pittsburgh	45	31	61x16x 8	Booth Fisheries Co., Chicago, Ill.
Ltr	#Pittsburgh	1270	620	134x40x22	1911 Pittsburgh Coal Co., Cleveland, O.
Str	Plankinton, John ..	1821	1461	267x41x23	1886 Capt. Joseph Shackett, Marine City, Mich.
Sch	Planet	499	441	198x33x13	1872 C. E. Benham, Perry-Payne Bldg, Cleveland, O.
Str	Pleasure	489	293	128x39x14	1894 Detroit, Belle Isle & Windsor Ferry Co., Detroit, Mich.
Spd	Plietz, Wm. F.....	29	17	52x14x 3	Henry Leidheiser, Vermillion, O.
Str	Plow Boy	65	57	77x21x 7	H. D. Clow, Duluth, Minn. (Rebuilt 1905.)
Sch	Plymouth	776	739	213x35x13	1854 McKinnon & Scott, Menominee, Mich. (Founded 1913.)
Dge	Pocantico	261	261	95x39x 7	.... Empire Engineering Corporation, Buffalo, N. Y.
Str	#Poe, Gen, Orlando M.	5619	4144	470x50x29	1900 Pittsburgh Steamship Co., Cleveland, O.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Yly	Polaris	34	24	57x15x 7	1903	James O. Heyworth, Chicago, Ill.
Str	†Pollock, W. G.....	4872	3585	420x52x28	1906	W. H. Becker, Cleveland, O.
Str	†Polynesia	3640	2596	376x46x26	1897	Australia Transit Co., Cleveland, O.
Sch	Pomeroy, S. B.....	406	386	150x33x12	1856	R. L. Gillingham, Bay Port, Mich.
Dge	Pontiac	221	221	93x36x 6	...	Empire Engineering Corporation, Buffalo, N. Y.
Str	†Pontiac	2298	1788	300x40x24	1889	Cleveland-Cliffs Iron Co., Cleveland, O.
Str	†Pope, E. C.....	2637	2064	317x41x24	1891	The Lake Transit Co., H. L. Shaw, Mgr., Bay City, Mich.
Bge	Portage	126	126	93x29x 8	1881	Great Lakes Dredge & Dock Co., Chicago, Ill.
Tug	Potter, Geo. R.....	133	66	78x20x 9	1887	Buffalo Fire Dept., Buffalo, N. Y.
Dge	Powell, L. G.....	143	121	105x27x..	1903	The Fishack Gypsum Co., Toledo, O.
Str	Prentice, James H.	535	398	167x32x13	1885	Soper Lumber Co., Chicago, Ill.
Str	†Presque Isle	4578	3570	406x50x28	1898	P. R. Isle Trans. Co., Cleveland-Cliffs Iron Co., Mgr., Cleveland, O.
Gas	Presque Isle	41	35	61x17x 8	1907	W. A. Adams, Erie, Pa.
Str	†Price, Charles S.	6322	4901	504x54x30	1910	The Mahoning S. S. Co., M. A. Hanna & Co., Mgrs., Cleveland, O. (Founded 1913.)
Str	Prince, F. H.....	2047	1547	240x42x25	1890	Rutland Trans. Co., Ogdensburg, N. Y. (Burned 1911.)
Str	†Princeton	5125	3820	454x50x28	1900	Pittsburgh Steamship Co., Cleveland, O.
Tug	Princeton	43	21	57x16x 8	1882	Great Lakes Towing Co., Cleveland, O.
Str	Pringle, John C. (See Hugh R. Havey).					
Scy	†Priscilla	75	71	85x22x 9	1885	Geo. H. Worthington, Cleveland, O.
Tug	Proctor, Wm. L....	117	58	104x20x10	1883	Ogdensburg Coal & Towing Co., Ogdensburg, N. Y.

Ege	Progress	844	248x38x14	1880	Edward Gillen Dock, Dredge & Construction Co., Racine, Wis.
Str	Promise	473	119x38x15	1892	D. B. I. & W. F. Co., Detroit, Mich.
Tug	Protection	30	77x15x 9	1873	Great Lakes Towing Co., Cleveland, O.
Tug	Protection	135	113x24x 7	1888	Wm. Hendrickson, Sandusky, O. (Rebuilt 1904.)
Ege	Protective Policy ..	316	111x28x11	1896	Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Str	†Protector	176	101x21x 9	1905	The Lake Champlain Transportation Co., Whitehall, N. Y.
Sty	Pryun	38	88x16x 8	1900	Addie W. Chesbrough, Bay City, Mich.
Str	Pueblo	1054	225x37x20	1891	Canada Cement Transport, Ltd., Montreal, Can.
Str	†Puritan	1762	260x40x25	1901	Graham & Morton Trans. Co., Chicago, Ill.
Str	†Put-in-Bay	1182	226x46x18	1911	Ashley & Dustin, foot First St., Detroit, Mich.
Sch	Quayle, Thomas	893	182x32x20	1872	M. A. Bradley, Cleveland, O. (Rebuilt 1902. Burned.)
Sch	Queen	135	93x17x 9	1889	John L. Clyde, Buffalo, N. Y.
Tug	Queen	29	51x14x 6	1897	Geo. A. Boldt, Alexandria Bay, N. Y.
Str	†Queen City	3979	400x48x28	1896	Pittsburg Steamship Co., Cleveland, O.
Sch	Quickstep	282	140x25x10	1874	H. Estabrook, Chicago, Ill.
Tug	Quinn, Jas. A.....	42	62x16x 9	1881	Great Lakes Towing Co., Cleveland, O.
Tug	Raber, Violet H.....	50	81x16x 7	1891	Great Lakes Dredge & Dock Co., Chicago, Ill.
Str	Racine	1089	173x32x21	1901	Chicago, Racine & Milwaukee Line, Chicago, Ill.
Sch	Racine	534	194x30x12	1867	Great Lakes Dredge & Dock Co., Chicago, Ill.
Sch	Raesser, Lydia E...	131	106x23x 8	1847	Peter M. Peterson, Menominee, Mich. (Dis-mantled.)
Str	Raleigh	1205	227x34x24	1871	Henry Wineman, Jr., Detroit, Mich. (Lost 1911.)
Str	Ralph, P. J.....	964	211x37x14	1889	W. E. Holmes & Co., Agents, Chicago, Ill.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	†Ranney, Rufus P...	4797	3505	420x52x28	1908	Triton S. S. Co., A. E. Williams, Mgr., Cleveland, O.
Tug	Ralph	42	21	60x15x 8	1874	F. W. Fletcher, Alpena, Mich.
Gyt	†Rambler	288	196	155x23x12	1899	Charles H. Thorne, Chicago, Ill.
Str	Ranney, Rufus P...	1627	1233	247x36x20	1881	M. A. Bradley, Cleveland, O. (Rebuilt 1902.)
Sch	Ransom, Harvey ..	28	27	59x16x 5	1887	Daniel W. Seavey, Frankfort, Mich.
Str	Raser, George B...	554	401	169x36x 7	1896	W. H. Havens, Ashtabula, O. (Rebuilt 1901.)
Gyt	Raven	78	53	90x17x 7	1911	Carl G. Fisher, Indianapolis, Ind.
Sch	Rawson, Levi	361	343	144x30x11	1861	M. Sicken, Mgr., Marine City, Mich.
Str	Raymond	27	21	53x15x 6	1910	Eugene Loesch, Erie, Pa.
Str	Raymond	27	21	52x15x 6	1910	Enger Loesch, Erie, Pa.
Sch	Raynor, William ..	227	215	120x25x10	1862	Carkin, Stickney & Cram, Detroit, Mich.
Str	†Ream, Norman B...	7053	5444	580x58x32	1906	Pittsburgh Steamship Co., Cleveland, O.
Sew	†Reciprocity	148	141	175x25x12	1897	Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Str	Reckinger, P.....	42	21	61x14x 7	1892	H. Van Ells, Port Washington, Wis.
Tug	†Record	59	30	68x17x 9	1884	Great Lakes Towing Co., Cleveland, O.
Str	Rector, Edward P.	368	232	123x...x...	1902	Kelley Island L. & T. Co., Cleveland, O.
Str	Redfield, Jr.	30	30	46x12x 6	1904	Henry Nettekoven, Oshkosh, Wis.
Sch	Redfern, C. E.....	680	646	181x35x13	1890	Edward Hines Lumber Co., Chicago, Ill.
Sch	Redington, Nellie..	816	775	205x33x16	1872	Connelly Bros., Buffalo, N. Y.
Cbt	Red Jacket	136	90	92x17x 8	1910	W. H. Follette, Tonawanda, N. Y.
Sch	Reed, White & Blue	39	36	70x16x 4	1887	E. L. Colbath, Au Sable, Mich.
Str	Reed, Charles	44	22	67x17x...	1908	J. N. Dewey, Toledo, O.
Str	†Reed, James H....	5593	4125	448x52x28	1903	Interlake Steamship Co., Cleveland, O.
Str	†Rees, W. D.	3760	2992	396x45x28	1896	Wilson Transit Co., Cleveland, O.
Bge	Reid, Conrad	288	274	133x30x 9	1881	Wm. J. Hunkin, Cleveland, O.

Str	†Reiss, John P.	6432	4963	504x54x30	1910 Wisconsin Transportation Co., Sheboygan, Wis.
Str	†Reis, Wm. E.	4748	3154	416x50x28	1900 John Mitchell, Cleveland, O.
Str	†Reiss, Peter	5923	4217	512x54x30	1910 North American S. S. Co., Duluth; R. A. Williams, Mgr., Milwaukee, O.
Str	Reliable	97	44	91x23x 6	1880 Edward Q. Krause, Milwaukee, Wis.
	Reliable	448	404	124x37x15	1909 Chicago Lighterage Co., Chicago, Ill.
Ltr	Reliance	1738	1612	242x40x20	1907 Great Lakes Towing Co., Cleveland, O.
Str	Relief	34	20	71x17x 4	1878 James Rolson, Chicago, Ill.
Bge	Relief	159	151	...x...x...	1891 Mary E. Hingston, Buffalo, N. Y.
Str	Remba	47	22	75x15x 8	1886 Phil Kegel, Chicago, Ill.
Str	Rend, Wm. P.	2323	1697	288x40x24	1888 W. P. Rend, Chicago, Ill.
Str	†Renown	4154	2098	373x52x25	1912 Standard Oil Co., Whiting, Ind.
Str	†Renssalaer	5124	3827	454x50x29	1900 Pittsburg Steamship Co., Cleveland, O.
Gay	Reomar	52	45	79x14x...	1909 R. E. Olds, Lansing, Mich.
Str	†Republic	2991	2052	364x40x25	1890 M. A. Hanna & Co., Cleveland, O.
Ltr	†Rescue	894	790	180x37x15	1904 Great Lakes Towing Co., Cleveland, O.
Tug	Rescue	37	18	60x15x 6	1885 Daly & Hannan, Ogdensburg, N. Y.
Sty	†Restless	104	52	116x16x 8	1887 H. W. Sibley, Rochester, N. Y.
Sch	Resumption	293	278	143x29x11	1879 I. Stephenson Co., Wells, Mich.
Sch	Resumption	293	278	143x29x11	1879 John Leonard, Ford River, Mich.
Str	Rhoda Emily	570	416	166x32x12	1884 Gus. Clausson, 571 5th Ave., Milwaukee, Wis.
Str	†Rhodes, Joshua W. .	4871	3586	420x52x28	1906 W. H. Becker, Cleveland, O.
Str	Rhodes, Robert R. .	1576	1286	246x40x21	1887 F. E. Hall & Co., Montreal, Que.
Str	†Rhodes, W. Castle. .	2176	1340	242x42x27	1900 Mutual Transit Co., Buffalo, N. Y.
Clb	Rice	103	99	94x17x 7	1891 Geo. W. Dunbar, Gasport, N. Y.
Str	Richard B.	63	33	76x17x 7	1901 Commissioners of Lincoln Park, Chicago.
Sch	Richards, Alice	278	267	147x27x10	1867 F. M. Hubbard, Marine City, Mich.
Bge	Richards, Rube	815	774	175x33x19	1881 W. J. Willoughby, Huron, O.
Str	†Richardson, Gran- ville A.	2237	1790	266x41x26	1893 Erie Railroad Lake Line, Buffalo, N. Y.
Str	†Riddle, J. Q.	6832	5376	532x56x31	1906 Commonwealth Steamship Co., Cleveland, O.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	Ringleader	76	69	87x18x 7	1889	F. E. Wood, Redwood, N. Y.
Tug	Riter, Chas. M.....	32	16	54x16x 9	1876	Great Lakes Dredge & Dock Co., Chicago, Ill. (Rebuilt 1889.)
Tug	River Queen	82	41	82x17x 7	1866	M. D. Olds, Cheboygan, Mich.
Str	Riverside	124	90	84x19x 6	1892	F. Dana, Alexandria Bay, N. Y.
Str	†Roanoke	423	263	165x27x 9	1871	A. D. Campbell, Michigan City, Ind.
Str	†Robbins, Francis L. 4222	3036	3036	380x50x28	1905	W. H. Becker, Cleveland, O.
Str	Robbins III, nee Frank Edward ..	45	30	58x14x 6	1890	N. Robbins, Grand Haven, Mich.
Gas	Robert R.	35	33	67x15x 5	1908	Sanitary District of Chicago, Ill.
Str	Roberts, John	355	288	133x31x 7	1899	Milwaukee Sand & Gravel Co., Milwaukee, Wis.
Str	†Roberts, Percival Jr.	7593	5862	580x58x32	1913	Pittsburgh Steamship Co., Cleveland, O.
Tug	Robertson, Duncan. 37	23	23	62x16x 7	1884	Zenith Dredge Co., Duluth, Minn.
Str	Robinson, Lucius W.	1655	1004	244x43x22	1912	George Hall Coal Co., Ogdensburg, N. Y.
Str	†Rochester	1603	867	246x42x16	1910	Canada Steamship Lines, Ltd., Toronto, Ont.
Str	†Rochester	4571	3855	383x50x30	1907	Western Transit Co., Buffalo, N. Y.
Str	†Rockefeller, Frank. 2759	2013	2013	366x45x26	1896	Pittsburgh S. S. Co., Cleveland, O.
Tug	†Rocket	39	27	63x15x 8	1901	William Tallman, Erie, Pa.
Bge	†Roebling, John A. 4693	4447	4447	436x49x28	1898	Pittsburgh Steamship Co., Cleveland, O.
Tug	Rogers, George....	64	33	77x18x 8	1889	W. L. Martin, Cheboygan, Mich.
Str	†Rogers, Henry H. 7053	5444	5444	580x58x32	1906	Pittsburgh Steamship Co., Cleveland, O.
Str	†Rogers, Wm. A....	6524	5101	525x55x31	1905	Niagara Transit Co., W. M. Mills, Mgr., N. Tonawanda, N. Y.
Cbt	Rogers, W. S. & A. L.	106	101	96x17x..	1889	Herbert Pashby, Burlington, Vt.

Tug	Rollar, Wm.....	28	14	56x16x 8	1882	The Standard Contracting Co., Cleveland, O.
Str	†Roman	2348	1875	296x40x25	1891	Pittsburgh Steamship Co., Cleveland, O.
Sch	Romeo	298	286	140x26x12	1867	J. E. McCallum, Port Huron, Mich.
Str	†Roosevelt, Theo.....	1955	1330	276x40x23	1906	Indiana Trans. Co., 144 S. Water St., Chicago, Ill.
Str	Root, H. A.	198	161	115x26x 9	1886	Cream City Sand Co., Milwaukee, Wis.
Tug	Rooth, W. A.	48	32	32x16x 8	1871	Great Lakes Towing Co., Cleveland, O. (Rebuilt 1885.)
Sch	Rosa Belle	115	115	100x26x 6	1863	N. P. Peterson, Sheboygan, Wis. (Rebuilt 1908.)
Stp	Rose, Fanny M.....	33	17	75x14x 6	1893	Edward N. Emery, Mapleton, Mich.
Sch	Rosebud	44	41	77x18x 6	1887	Oscar L. Anderson, Chicago, Ill.
Str	Ross, Myrtle M....	156	108	114x20x 8	1890	Berst Mfg. Co., Saginaw, Mich.
Str	Roumania	1837	1441	273x39x23	1887	W. C. Richardson & Co., Cleveland, O.
Str	Rowena	69	47	96x16x 7	1905	D. P. McQueen, Schenectady, N. Y.
Str	Rowira	35	24	57x14x 7	1900	Ranney Fish Co., Cleveland, O.
Str	Royal	27	21	52x15x 6	1910	Carl R. Daggett, Erie, Pa.
Tug	Ruby	33	16	54x14x 6	1886	Great Lakes Dredge & Dock Co., Chicago. (Abandoned 1910.)
Str	Rudolph, Wm. ..	267	209	145x24x 9	1880	The Edward Gillen Dock, Dredge & Cons. Co., Racine, Wis.
Str	Rugee, John	267	209	145x24x 9	1888	Geo. Hall Coal Co., Ogdensburg, N. Y.
Str	Rugee, John, D. N.	37	18	59x15x 9	1890	J. T. Hutton, Amherstburg, Ont.
Str	Runnels, H. E.....	889	629	182x35x13	1893	White Transportation Co., Buffalo, N. Y.
Str	†Russell, Geo. H. (See Canopus).					
Sch	Russian	305	290	137x26x11	1862	Great Lakes Dredge & Dock Co., Chicago, Ill.
Str	†Ruth	35	24	64x15x 5	1903	Thomas J. Welsh, Erie, Pa.
Str	†Rutland	2321	1668	242x43x26	1906	Rutland Transit Co., Ogdensburg, N. Y.
Sch	Ryan	126	88	93x17x 9	1890	Stephen V. Ryan, Buffalo, N. Y.
Str	Ryan, Chas. C.....	28	14	52x15x 6	1881	Beaver Island Lumber Co., St. James, Mich.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Gyt	Ryan, John J.....	16	14	37x11x 5	1910	Anna V. Ryan, Algonac, Mich.
Str	Ryerson, Carrie A..	72	44	66x18x 8	1883	Thomas Young, et al., Chicago, Ill.
Str	†St. Clair	5494	4153	444x56x31	1910	Northern Lakes S. S. Co., G. Von den Steinen, Mgr., Cleveland, O.
Str	†Sainte Claire	807	507	181x50x15	1910	Detroit, Belle Isle & Windsor Ferry Co., Detroit, Mich.
Stp	Ste. Genevieve	611	611	215x45x 7	1903	Illinois Southern Ry. Co., Chicago, Ill.
C.F. †St.	Marie.....	2383	1620	250x62x21.7	1913	Mackinac Transportation Co., St. Ignace, Mich.
Str	St. Joseph.....	304	171	146x29x11	1867	Capt. T. J. Peterson, Mgr., Oswego, N. Y.
Bge	St. Louis	599	599	...x...x..	1864	Atlantic Coast S. S. Co., Niagara Falls, N. Y.
Str	St. Louis	985	795	193x32x12	1864	J. C. Morgan, Niagara Falls, N. Y.
Str	†St. Paul	2029	1221	238x42x26	1897	Mutual Transit Co., Buffalo, N. Y.
Tug	†Sabin, L. C.	98	34	74x20x12	1908	Great Lakes Towing Co., Cleveland, O.
Str	Sachem	739	542	187x33x15	1889	United Fuel & Supply Co., Detroit, Mich.
Str	Sachem, nee John Kelderhouse	100	70	72x20x10	1907	Empire Engineering Corporation, Buffalo, N. Y.
Str	Sacramento	2380	1903	308x43x23	1895	G. A. Tomlinson, Duluth, Minn.
Bge	†Sagamore	3250	2926	366x44x26	1898	Interlake Steamship Co., Pickands, Mather & Co., Mgrs., Cleveland, O.
Str	Sage, Russell	1224	1104	218x33x24	1881	George C. Bayliss, Binghamton, N. Y.
Str	Saginaw	508	430	194x29x13	1866	Frank S. Upton, Charlotte, N. Y.
Str	†Sahara. (See Cuyler Adams).					
Str	Sailor Boy	162	111	91x24x 7	1891	The Hart Trans. Co., Sturgeon Bay, Wis.
Str	Sainte Marie	2383	1620	250x62x..	1913	Mackinac Transportation Co., St. Ignace, Mich.

Str †Salt Lake City. (See C. A. Congdon.)									
Scw Sampson	235	129x30x16	1901	W. J. Meagher Co., Bay City, Mich.					
Tug †Sanders, W. B.	103	85x21x12	1905	Kelley Isl. Lime & T. Co., Cleveland, O.					
Tug Sandusky	72	68x17x11	1899	John J. Boland, Buffalo, N. Y.					
Tug Sanford, Geo. D., Jr.	51	77x16x7	1882	John Degergus, et al., Ludington, Mich.					
Sch Santiago	2600	324x46x26	1912	T. R. Gilmore, Mgr., Huron, O.					
Str Sapho	45	76x15x8	1897	Philip Klegel & Co., Chicago, Ill.					
Str Sappho	223	107x31x13	1883	Detroit, Belle Isle & Windsor Ferry Co., Detroit, Mich.					
Str †Saranac	2669	290x40x27	1890	Lehigh Valley Trans. Co., Buffalo, N. Y.					
Tug Sardinia	35	61x17x7	1903	Jas. Davidson, W. Bay City, Mich.					
Sty Satellite	27	77x12x5	1887	Theo. M. Leonard, Rouse Point, N. Y.					
Tug Satisfaction	47	64x16x8	1894	Anderson & Smith, Marinette, Wis.					
Str Saturn	29	61x16x7	1911	Keystone Fish Co., Erie, Pa.					
Str †Saturn. (Now Canadian Str. J. Frater Taylor.)									
Tug Saugatuck	88	84x18x8	1875	John P. Nagle, Toledo, O.					
Str †Saunders, E. N.	4305	380x50x28	1902	Capt. James Davidson, Bay City, Mich.					
Str Sawyer, Philetus	449	152x32x10	1884	Chicago Maple & Oak Flooring Co., 2259 S. Ashland Ave., Chicago, Ill.					
Str Sawyer, W. H.	746	201x37x14	1890	Edward Hines Lumber Co., Chicago, Ill.					
Str †Saxon	2348	296x40x25	1890	Pittsburg Steamship Co., Cleveland, O.					
Str †Saxona	4716	416x50x28	1903	G. A. Tomlinson, Duluth, Minn.					
Sty Say When	87	122x14x9	1888	W. J. White, Cleveland, O.					
Gyt Sayona	32	55x17x6	1900	Wm. O. Goodman, Chicago, Ill.					
Tug Schaefer, Phillip G.	29	64x14x5	1903	Charles J. Day, Buffalo, N. Y.					
Tug †Schenck, S. C.	126	90x21x11	1890	Great Lakes Towing Co., Cleveland, O.					
Str †Schiller, Wm. B.	7521	580x58x32	1909	Pittsburg Steamship Co., Cleveland, O.					
Str Schlesinger, Ferd.	2607	305x44x25	1891	Wisconsin S. S. Co., D. Vance, Mgr., Milwaukee, Wis.					
Str Schnoor, H. C.	244	136x26x11	1874	John Richards, Essexville, Mich.					
Tug Schoellkopf, J. F.	28	50x14x7	1904	Arthur Schoellkopf, Niagara Falls, N. Y.					

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AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	Schoolcraft	745	595	180x34x15	1884	Joseph Sellwood, Duluth, Minn.
Str	†Schoonmaker, Jas. M.	8603	6650	597x64x33	1911	Shenango S. S. & Transp. Co., 1612 Rockefeller Bldg., Cleveland, O.
Str	†Scranton	.....	2015	260x39x25	1888	S. C. McLouth, Marine City, Mich.
Str	†Schuck, R. E. (See Hydrus.)					
Tug	Schultz, L. A.	.....	31	58x15x7	1882	F. Schramm, Milwaukee, Wis.
Str	†Schuylikill	.....	2206	275x40x26	1892	Erie & Western Transp. Co., Anchor Line, Buffalo, N. Y.
Sty	Scionda	.....	84	93x18x9	1887	T. M. Leonard, Rouse's Point, N. Y.
Sch	Scotia	.....	903	210x34x15	1873	James A. White, Buffalo, N. Y.
Str	Scott, H. C.	.....	59	76x16x4	1904	C. A. Peterson, Omro, Wis.
Str	†Scott, Isaac M.	.....	6372	504x54x..	1909	Virginia S. S. Co., J. S. Ashley, Secy., Cleveland, O. (Founded 1913.)
Str	Scott, Mary	.....	47	76x16x6	1892	John E. Doherty, 7 Fifield Pl., Ashland, Wis. (Rebuilt, 1911.)
Tug	Scott, Wm. L.	.....	54	67x17x10	1890	Great Lakes Towing Co., Cleveland, O.
Str	†Scranton, Walter	.....	4803	416x50x28	1901	John Mitchell, Cleveland, O.
Sch	Sea Foam	.....	40	61x17x6	1878	Edgar A. Hovey, Sackett Harbor, N. Y.
Gas	Sea Foam	.....	46	64x14x5	1904	M. A. Alworth, Duluth, Minn.
Sty	Sea Fox	.....	74	102x16x7	1895	Allen F. Rees, Houghton, Mich.
Str	†Search	.....	140	133x17x10	1896	Corps of Engineers, U. S. Army.
Str	Search Light	.....	95	95x19x6	1884	M. Martinek, Chicago, Ill.
Sty	Sea Fox	.....	74	102x16x7	1895	Allen F. Rees, Houghton, Mich.
Tug	Sea Wing	.....	39	69x17x6	1899	Booth Fisheries Co., Chicago, Ill.
Str	Security	.....	397	141x26x16	1907	The Standard Oil Co., New York.
Stp	†Seandbee	.....	6381	484x58x24	1913	Cleveland & Buffalo Transit Co., Cleveland, O.
Sch	Selkirk	.....	307	132x25x12	1862	Graves & Stevens, Cleveland, O.
Str	†Sellwood, Joseph	.....	6741	525x55x31	1906	John Mitchell, Cleveland, O.

Str	†Senator	.....4048	3178	410x46x28	1896	Wolverine Steamship Co., P. H. McMillan, Mgr., Detroit, Mich.
Str	†Seneca	.....2669	1939	290x41x24	1889	Lehigh Valley Trans. Co., Buffalo, N. Y.
Str	†Sentinel	.....74	47	110x19x 8	1883	L. C. Wachsmith, Chicago, Ill.
Tug	†Seymour, Geo. D.	76	38	90x17x10	1875	Ogdensburg C. & T. Co., Ogdensburg, N. Y.
Tug	Seymour, Wm. H.	52	26	66x17x 9	1874	Frank Perry, Sault Ste. Marie, Mich.
Str	†Shaughnessey, Sir Thomas	.....6276	4665	480x52x30	1906	Jenkins S. S. Co., A. T. Kinney, Mgr., Cleveland, O.
Tug	†Shaughraun	.....45	22	60x15x 8	1883	Harris T. Dunbar, Buffalo, N. Y.
Tug	†Shaun Rhue	.....79	54	66x17x 8	1891	Harris T. Dunbar, Buffalo, N. Y.
Str	†Shaw, Howard L.	4901	3802	435x50x28	1900	Pittsburgh Steamship Co., Cleveland, O.
Str	†Shaw, Quincy A.	.....6336	5013	504x54x30	1911	Calumet Transp. Co., M. A. Hanna & Co., Mgrs., Cleveland, O.
Sch	Shawnee	.....571	543	178x33x12	1873	Capt. Wm. H. Ellery, Detroit, Mich.
Str	†Sheadle, J. H.	.....6924	5476	530x56x31	1906	Cleveland-Cliffs Iron Co., Cleveland, O.
Cbt	Shean, Emily F.	.....110	110	95x17x 7	1897	Ira M. Rose, Tonawanda, N. Y.
Stp	Sheboygan	.....623	461	208x50x12	1869	Goodrich Trans. Co., Duluth, Minn.
Tug	Sheboygan	.....62	31	65x18x 9	1886	Great Lakes Towing Co., Cleveland, O.
Tug	Sheldon, Cora A.	.....54	27	65x17x 9	1883	Joseph Croze, Houghton, Mich.
Str	Shenandoah	.....2251	1880	308x43x23	1894	James Davidson, West Bay City, Mich.
Str	†Shenango	.....	....	538x58x32	1909	Shenango S. S. Co., W. B. Davock, Mgr., Cleveland, O.
Tug	†Sheridan, Phil	.....35	17	58x14x 7	1889	Harris T. Dunbar, Buffalo, N. Y.
Str	Sherman, G. R.	.....92	62	75x30x 8	1890	Port Henry Steam Ferry Co., Port Henry, N. Y.
Sch	Sherman, Walter A.	519	493	163x33x12	1882	Geo. Hall Coal Co., Ogdensburg, N. Y.
Str	†Sherwin, John	.....7159	5744	514x54x31	1906	Interlake Steamship Co., Cleveland, O.
Str	Shipman, Allie E.	.....39	28	61x15x14	1892	Greiling Bros. Co., Green Bay, Wis.
Str	Shores, E. A. Jr.	.....520	396	176x35x12	1892	E. J. Donoghue, Managing Owner, Detroit, Mich.
Str	Shringley, James H.	459	364	171x31x13	1881	American Cedar & Lumber Co., Alpena, Mich.
Str	Sicken, M.	.....212	168	128x26x10	1884	M. Sicken, Marine City, Mich.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	†Siemens, Sir Wm..	4344	3293	413x48x24	1896	Pittsburgh Steamship Co., Cleveland, O.
Str	†Sierra	4846	4287	438x52x28	1906	Inter-Ocean Steamship Co., G. A. Tomlinson, Mgr., Duluth, Minn.
Str	†Sill, H. S. (See Cetus.)		17	63x16x 8	1875	Capt. W. G. Harrow, Detroit, Mich.
Tug	Sill, Henry S.	35	22	68x16x 6	1898	John Lay, Sandusky, O. (Lost 1911.)
Tug	Silver Spray	33	28	83x17x 5	1889	John P. Harrington, Erie, Pa. (Rebuilt 1907.)
Tug	Silver Spray	40	28	83x17x 5	1889	John P. Harrington, Erie, Pa. (Rebuilt 1907.)
Stp	Silver Spray	95	64	109x21x 8	1894	Thomas Young, Chicago, Ill.
Tug	Silver Spray	38	26	54x16x 6	1895	Albert F. Peterman, Munising, Mich.
Sch	Simmons, Rouse ..	205	195	130x26x 8	1868	M. J. Bonner, et al., St. James, Mich.
Sch	Simpson, Lucia A.	227	215	127x28x 8	1875	Chas. J. Sanderson, Milwaukee, Wis.
Str	Simpson, W. H..	49	27	63x19x 8	1889	Sophia Meyer, Milwaukee, Wis.
Str	†Sinaloa	4539	3503	416x50x28	1903	G. A. Tomlinson, Mgr., Superior S. S. Co., Duluth, Minn.
Str	Sinclair, James R.	71	36	73x19x10	1907	A. B. Wolvin, Duluth, Minn.
Sty	Sioux	55	37	102x12x 6	1904	F. G. Bourne, Oakdale, L. I., N. Y.
Tug	Sioux	52	26	71x10x 9	1883	C. H. Starke Dredge & Dock Co., Milwaukee, Wis.
Str	Sir Arthur	28	19	59x15x 6	1892	W. Habel, St. Joseph, Mich. (Rebuilt 1903.)
Str	†Sirius	4470	3143	416x50x28	1903	Interlake Steamship Co., Cleveland, O.
Stp	(see R. L. Ireland) Skater	92	63	89x23x 7	1890	Chéquamegon Bay Trans. Co., Ashland, Wis.
Str	Sloat, Joseph T/....	29	20	63x15x...	1908	H. B. Kishman, Vermilion, O.
Gay	Slome	38	28	54x...x...	1909	John W. Stringer, Detroit, Mich.
Bge	†Smeaton, John	5049	4725	458x52x25	1899	Pittsburgh Steamship Co., Cleveland, O.
Tug	Smith	191	130	127x22x10	1881	Leatham & Smith, Sturgeon Bay, Wis. (Rebuilt 1906.)

Str	†Smith, August	380	351	182x32x12	1871	John D. Gilchrist, Cleveland, O.
Str	Smith, Annie L.	43	23	61x16x 9	1868	Eli Jacques, Duluth, Minn.
Str	†Smith, B. Lyman	4271	3017	380x50x28	1903	Great Lakes Steamship Co., Rockefeller Bldg., Cleveland, O.
Str	Smith, Davis & Co.	131	110	95x17x 9	1886	Thos. F. Gaffney, Buffalo, N. Y.
Str	Smith, Edward	700	523	194x22x17	1883	Guy White, Buffalo, N. Y.
Str	†Smith, Henry B.	6631	5229	525x55x31	1906	Acme Transit Co., Cleveland, O. (Founded 1913.)
Str	†Smith, Hurlbut, W.	4662	3415	414x50x28	1903	Great Lakes Steamship Co., Rockefeller Bldg., Cleveland, O.
Str	†Smith, L. C.	4702	3418	414x50x28	1902	Great Lakes Steamship Co., Rockefeller Bldg., Cleveland, O.
Str	†Smith, Lyman C.	6200	4916	525x55x31	1905	Great Lakes Steamship Co., Rockefeller Bldg., Cleveland, O.
Str	†Smith, Monroe C.	4281	3016	380x50x28	1905	Great Lakes Steamship Co., Rockefeller Bldg., Cleveland, O.
Tug	Smith, Janie E.	50	34	72x16x 7	1903	Frank E. Nettleton, Dunkirk, N. Y.
Tug	Smith, Leatham D.	46	23	70x16x 8	1890	Great Lakes Towing Co., Cleveland, O.
Tug	†Smith, L. P.	73	36	67x18x 9	1894	Great Lakes Dredge & Dock Co., Chicago, Ill.
Str	†Smith, Wilbert L.	4319	3039	380x50x27	1903	Great Lakes Steamship Co., Rockefeller Bldg., Cleveland, O.
Str	Smith, Sydney T.	71	20	85x18x 9	1895	M. Sullivan, Buffalo, N. Y.
Bge	Snook	58	58	70x21x . .	1902	J. S. Pagenette Co., Detroit, Mich.
Str	Snook, T. W.	168	124	112x25x11	1873	Harris W. Baker, Detroit, Mich.
Str	†Snyder, Wm. P.	6939	5492	530x56x31	1906	Shenango Steamship Co., W. B. Davock, Mgr., Cleveland, O.
Str	†Snyder, Wm. P., Jr.	8603	6650	597x64x33	1912	Shenango S. S. & Transp. Co., 1612 Rockefeller Bldg., Cleveland, O.
Str	†Socapa. (See G. G. Barnum)					
Str	†Sonoma	4539	3503	416x50x28	1903	G. A. Tomlinson, Duluth, Minn.
Str	†Sonora	3630	2731	353x48x24	1902	G. A. Tomlinson, Duluth, Minn.
Str	Soper, Albert	349	268	144x28x11	1881	Herman A. Greiling, Green Bay, Wis.
Str	†South American	291x47x18	1914	Chicago, Duluth & Georgian Bay Transit Co., Chicago, Ill.

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CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Tug	South Shore	73	49	84x20x 6	1899	E. G. Endress, Sault Ste. Marie, Mich.
Str	Southern Cross	25	12	56x15x 5	1894	John I. Kinsey, Milwaukee, Wis.
Str	†Spalding, Jesse	1043	856	220x40x16	1899	Harvey-Morrison Co., Cleveland, O.
Tug	†Spalpeen	29	14	46x14x 6	1889	Harris T. Dunbar, Buffalo, N. Y.
Tug	Spencer, Mollie	53	26	72x16x 8	1869	Great Lakes Towing Co., Cleveland, O.
Str	†Spokane	2356	1974	312x38x24	1886	Reid Wrecking Co., Port Huron, Mich.
Tug	†Sport	45	22	56x14x 9	1873	Cartier Lumber Co., Ludington, Mich.
Sty	Sport	72	36	84x16x 6	1881	E. P. Wilber, S. Bethlehem, Pa.
Tug	†Sprankle, J. R.	44	23	59x16x 9	1894	Great Lakes Towing Co., Cleveland, O.
Tug	Sprudel	67	51	62x14x 5	1891	John H. Wernet, Lorain, O. (Rebuilt 1906.)
Tug	Squaw	42	28	59x17x 6	—	Empire Engineering Corporation, Buffalo, N. Y.
Str	†Squire, F. B.	4582	3694	410x50x28	1903	Jenkins Steamship Co., A. T. Kinney, Mgr., Cleveland, O.
Str	†Stackhouse, Powell	6171	4919	504x54x30	1905	Mahoning S. S. Co., J. S. Ashley, Mgr., Cleveland, O.
Str	†Stadacona	6014	4654	479x56x...	1909	Stadacona Steamship Co., Michigan City, Ind.
Sch	Stafford	199	189	112x27x10	1868	Winand Schlosser, Milwaukee, Wis.
Tug	†Stafford, Alice	...	...	80x22x13	1914	Erie Railroad, Chicago, Ill.
Str	Stafford, W. R.	744	546	184x34x12	1886	Harvey-Morrison Co., Cleveland, O.
Str	S. O. Co. No. 2	157	84	98x22x10	1898	Standard Oil Co., New York, N. Y.
Bge	†S. O. Co. No. 6	795	756	184x35x15	1906	Standard Oil Co., New York, N. Y.
Bge	†S. O. Co. No. 57	1381	1310	241x37x18	1892	Standard Oil Co., New York, N. Y.
Bge	S. O. Co. No. 58	1643	1599	249x37x20	1893	Standard Oil Co., New York, N. Y.
Bge	†S. O. Co. No. 86	1102	999	208x38x...	1899	Standard Oil Co., New York, N. Y.
Bge	†S. O. Co. No. 96	3200	2902	366x44x22	1897	Standard Oil Co., Whiting, Ind.
Str	†Stanton, John	6129	4668	504x54x30	1905	Hutchinson & Co., Cleveland, O.

1889	Sophia Meyer, Milwaukee, Wis.	6	0	0	0	0	0
1881	Paul H. Hoelt, Rogers City, Mich.	266	148x30x11				
1913	Milwaukee Tug Boat Line, Milwaukee, Wis.	104	82x22x13				
1897	Wallace H. Van Dyke, Pentwater, Mich	14	61x15x7				
1883	Detroit & Cleveland Navigation Co., Detroit, Mich.	564	203x32x21				
1880	Cleveland & Buffalo Transit Co., Cleveland, land, O.	917	225x32x22				
1903	Fred H. Wells, Burlington, Vt.	17	69x13x7				
1906	Commonwealth Steamship Co., Cleveland, O.	5140	525x55x31				
1896	Great Lakes Towing Co., Cleveland, O.	37	73x19x10				
1902	Capt. James Davidson, Bay City, Mich.	3366	380x50x28				
1901	Kinsman Transit Co., Henry Steinbrenner, Mgr., Cleveland, O.	3955	416x50x28				
1896	Pittsburg Steamship Co., Cleveland, O.	3502	408x49x28				
1879	Ogdensburg C. & T. Co., Ogdensburg, N. Y.	438	163x32x11				
1880	James Sanford, Sandusky, O.	426	166x33x12				
1869	Roy Love, et al., Muskegon, Mich.	12	45x11x7				
1866	Louisa Olson, Sheboygan, Wis.	88	100x21x7				
1895	I. Stephenson Co., Wells, Mich.	501	132x15x11				
1906	James Stevenson, Cedarville, Mich.	20	53x12x5				
1887	Lake Erie Dredging Co., Buffalo, N. Y.	23	51x15x6				
1889	Tonawanda Barge Line, Chas. Weston, Mgr., N. Tonawanda, N. Y.	511	172x32x12				
1902	Stewart Transp. Co., Detroit, Mich.	3049	356x50x28				
1908	City of Chicago, Ill.	30	104x28x16				
1873	Great Lakes Dredge & Dock Co., Chicago, Ill.	356	138x29x12				
1880	Canal Quarry Co., Buffalo, N. Y.	279	160x26x..				
1880	Great Lakes Dredge & Dock Co., Chicago, Ill.	41	.81x18x9				
1871	Northern Michigan Transportation Co., Chicago, Ill.	1157	223x34x22				

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Tug	Stocker, Hugh	30	21	53x15x 6	1904	Booth Fisheries Co., Chicago, Ill.
Str	†Stone, Amasa	6282	4930	525x55x31	1905	Pickands, Mather & Co., Mgrs., Interlake Steamship Co., Cleveland, O.
Scw	Striker, Geo. H.	31	31	...x...x...	1899	Frank F. Fix, Buffalo, N. Y.
Tug	Strohn, C. B.	26	16	49x15x 5	1888	Mrs. M. R. Pickands, Cheboygan, Mich.
Bge	Sucker	41	41	61x20x..	1891	Geo. R. King, Duluth, Minn.
Str	†Sullivan, J. J.	7077	5541	532x56x31	1907	Superior S. S. Co., Hutchinson & Co., Mgrs., Cleveland, O.
Str	Sullivan, Roger C.	51	35	64x17x 9	1903	Great Lakes Dredge & Dock Co., Chicago, Ill.
Str	†Sultana	3914	2850	362x48x24	1902	G. A. I'omlinson, Duluth, Minn.
Sty	Sunbeam	52	42	64x13x 6	1888	Aaron C. Cline, Huron, N. Y.
Tug	Sunbeam	53	33	68x17x 7	1891	R. K. Smith, Sheboygan, Wis.
Gas	Sunflower	25	22	51x12x 5	1904	Geik C. Geiken, et al., Charlevoix, Mich.
Tug	Sunol	62	31	73x19x 7	1882	Great Lakes Towing Co., Cleveland, O.
Sch	Sunrise	26	24	60x14x 4	1888	Wisconsin Gravel Co., Milwaukee, Wis.
Str	†Superior	4544	3845	382x50x30	1905	Western Transit Co., Buffalo, N. Y.
Stp	†Superior	251	167	98x30x19	1890	Pittsburgh Steamship Co., Cleveland, O.
Tug	Superior	70	48	68x20x11	1896	Great Lakes Towing Co., Cleveland, O.
Bge	Superior	31	31	...x...x...	1894	Whitney Bros. Co., Superior, Wis.
Str	†Superior City	4795	3693	429x50x29	1898	Pittsburgh Steamship Co., Cleveland, O.
Str	Survey	190	145	88x20x15	1891	U. S. Government, Washington, D. C.
Str	†Susquehanna	2781	2347	303x40x27	1886	Erie & Western Transp. Co., Anchor Line, Buffalo, N. Y.
Tug	Sutton, David	28	23	54x11x 5	1880	E. T. Hawley, Detroit, Mich.
Tug	Sutton, E. W., Jr.	33	22	59x13x 6	1902	E. W. Sutton Jr., Buffalo, N. Y.
Str	Swallow	37	25	68x10x 5	1896	J. S. Stevens, Oshkosh, Wis.
Str	Swan	94	64	79x20x 7	1888	C. B. Moiles, Saginaw, Mich.
Bge	Sweetheart	538	512	175x32x13	1867	Capt. Wm. Burns, Detroit, Mich.
F.B.	Swenie, D. J.	143	71	98x24x10	1886	Chicago Fire Dept., Chicago, Ill.

Scb	Sydney	.....	129	111	96x17x 9	1880	Thos. M. Ryan, Buffalo, N. Y.
Str	Sylph	.....	28	18	74x13x 4	1882	White Lake Transp. Co., Muskegon, Mich. (Out of commission.)
Str	†Sylvania.	(See D. M. Philbin.)					
Str	Sylvia	.....	25	17	51x14x 6	1902	Albert Kalmbach, Sturgeon Bay, Wis.
Sch	Taber, Horace	.....	262	235	138x27x10	1867	F. R. Barnhart, Chicago, Ill.
Str	Tacoma	.....	1879	1609	260x39x23	1881	Gilchrist Transportation Co., Cleveland, O.
Sch	Talcott, M.	.....	96	68	113x16x 6	1876	Illinois Stone Co., Chicago, Ill.
Str	Tampa	.....	1972	1632	291x41x22	1890	Henry Wineman Jr., Detroit, Mich. (Rebuilt 1899. Lost 1911.)
Sew	Tangent	.....	498	492	151x36x11	.....	Barnett & Record Co., Duluth, Minn.
Str	Tanner, O. B.	.....	137	91		1901	Wm. W. Hoag, Kirkville, N. Y.
Sly	Tarpon	.....	26	24	50x14x 6	1892	Mary C. Patchell, Bay City, Mich.
Stp	†Taslimoo	.....	1344	766	306x36x22	1900	White Star Line, Detroit, Mich.
Str	†Taurus (nee P. G. Walker)	.....	4470	3143	416x50x28	1903	Interlake Steamship Co., Cleveland, O.
Str	Taylor, Helen	....	43	33	56x30x 4	1894	A. E. Cartier Sons Co., Ludington, Mich.
Tug	Taylor, J. V.	.....	40	20	60x15x 9	1881	Charlevoix Lumber Co., Charlevoix, Mich.
Sch	Taylor, J. V.	.....	199	189	125x26x 9	1867	Estabrook-Skeele Lumber Co., Chicago, Ill.
Str	†Taylor, Moses	.....	4772	3401	416x50x28	1902	John Mitchell, Cleveland, O.
Tug	Taylor, W. S.	.....	318	216	126x24x13	1907	Nau Tag Line, Green Bay, Wis.
Bge	T. & C.	.....	258	258	...x...x	1902	Thornton & Chester Milling Co., Buffalo, N. Y.
Tug	Teed, Bob	.....	45	22	64x19x 9	1883	Greiling Bros. Co., Green Bay, Wis.
Str	Tegtmeier, Archie	.....	40	27	54x14x 7	1911	Adam Paczocha, Milwaukee, Wis.
Str	Tempest	.....	412	341	159x30x13	1872	Johnson & Rasch Co., East Chicago, Ill.
Stp	Tennessee.	(See Pere Marquette No. 8.)					
Str	†Tessler	.....	57	40	70x16x 8	1905	Chas. Tessler, Milwaukee, Wis.
Tug	Tessler, A. A. C.	...	30	15	59x14x 7	1898	John Hollander, Port Washington, Wis.
Sch	Teutonia	594	564	177x32x15	1881	Capt. Harry Lawrence, Marine City, Mich.
Cbt	Thames, Lester E.	...	152	152	96x17x 9	1910	Nellie W. Follette, Tonawanda, N. Y.

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CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Cbt	Theall, Gertie	110	110	95x17x 7	1896	Ira M. Rose, Tonawanda, N. Y.
Bge	The Limit	713	591	164x37x..	1907	Whitney Bros. Co., Superior, Wis.
Gyt	Thelma	26	17	57x10x 5	1894	Com. Will Huntington, Elyria, O.
Tug	The Moose	98	52	82x20x10	1907	Whitney Bros. Co., Superior, Wis.
Str	Theora	73	37	62x16x 8	1893	John Parker, Marquette, Mich. (Rebuilt 1908.)
Str	Theresa	37	20	59x11x 4	1901	George Tryon, Eureka, Wis.
Sty	Thetis	407	277	132x30x12	1892	Hiram W. Sibley, Rochester, N. Y.
Tug	Third Michigan	42	22	63x15x 7	—	Greiling Bros. Co., Green Bay, Wis.
Stp	Thistle	49	28	80x14x 6	1887	The Hart Trans. Co., Sturgeon Bay, Wis.
Stp	Thistle	127	84	124x25x 5	1894	Oshkosh Steamboat Co., Oshkosh, Wis.
Sch	†Thomas, Sidney	G.3200	2912	366x44x26	1897	Pittsburgh Steamship Co., Cleveland, O.
Str	†Thompson, Alexis W.	6436	4670	504x55x30	1908	W. H. Becker, Cleveland, O.
Sch	†Thompson, A. W.	2279	2125	300x42x24	1901	Calumet Trans. Co., J. S. Ashley, Mgr., Cleveland, O.
Tug	Thompson, C. D.	91	45	81x19x11	1893	Great Lakes Towing Co., Cleveland, O.
Str	†Thousand Islander	355	241	163x33x 8	1912	Canada Steamship Lines, Ltd., Toronto, Ont.
Sch	Three Brothers	349	332	136x25x13	1873	Theobald Emig, St. Clair, Mich.
Gas	Three Sisters	52	48	69x19x 7	1901	Philp Klumb, Marinette, Wis.
Stp	†Ticonderoga	892	344	212x57x10	1906	Champlain Trans. Co., Burlington, Vt.
Sch	Tilden, S. J.	613	582	172x32x14	1869	Edward Hines Lumber Co., Chicago, Ill.
Str	†Tioga	2320	1684	285x39x17	1885	Erie Railroad Lake Line, Buffalo, N. Y.
Stp	†Tionesta	4329	2652	340x45x28	1903	Erie & Western Trans. Co., Anchor Line, Buffalo, N. Y.
Dge	†Tipperary Boy	379	291	100x32x..	1901	Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Str	†Tisdale, H. G.	81	40	94x18x 9	1872	Lake Champlain T. Co., Whitehall, N. Y.

Bge	Togo	.....	33	33	54x20x33	1905	Arthur S. Osborn, Mgr. Osborn Sand Co., Duluth, Minn.
Bge	Tokio	.....	1385	1316	223x38x21	1889	Pringle Barge Line Co., 327 Rockefeller Bldg., Cleveland, O.
Ltr	Toledo	.....	960	846	159x36x11	1907	Pittsburgh & Erie Coal Co., George B. Taylor, Mgr., Erie, Pa.
Str	Toltec	.....	769	621	191x33x15	1889	Grace Harbor Lumber Co., Detroit, Mich.
Str	†Tomlinson, G. A.	.....	6361	4862	504x30x..	1909	Douglass S. S. Co., Brown & Co., Mgrs., Buffalo, N. Y.
Str	†Thompson, Smith	.....	4786	4227	438x52x28	1907	Great Lakes Steamship Co., Syracuse, N. Y.
Tug	Tonawanda	.....	31	15	59x15x 8	1893	Wm. J. Scott, Oswego, N. Y.
Tug	Tonawanda	.....	31	15	59x15x 8	...	Empire Engineering Corporation, Buffalo, N. Y.
Gyt	Tonopah	.....	51	27	81x13x 7	1905	James D. Lacy, Chicago, Ill.
Str	Topeka	.....	1376	1111	228x36x20	1889	Lake Shore Stone Co., Milwaukee, Wis.
Tug	Torrent	.....	203	140	115x21x19	1869	Adolph Green, Green Bay, Wis.
Tug	†Torrent	.....	296	197	110x28x15	1910	The Duluth & Iron Range Ry., Duluth, Minn.
Stp	†Tourist	.....	64	43	76x18x..	1909	E. J. Dodge, Put-in-Bay, O.
Str	†Townsend, Edw.	.....	7438	5673	580x58x32	1906	Cambria Steamship Co., Cleveland, O.
Tug	Tramp, The	.....	41	25	60x15x 8	1890	Charles H. Jones, Ontonagon, Mich.
C.F.	†Transfer	.....	1511	1060	265x46x17	1888	Mich. Central R. R., Detroit, Mich.
C.F.	†Transport	.....	1594	797	254x46x14	1880	Mich. Central R. R., Detroit, Mich.
Scw	Tremie	.....	475	476	155x35x..	1907	Butler Bros. & Hoff Co., Detroit, Mich.
Str	†Trenton	.....	517	352	133x32x10	1905	Allen I. Halloway, Buffalo, N. Y.
Str	†Trimble, Richard	.....	7607	5868	580x58x32	1913	Pittsburgh Steamship Co., Cleveland, O.
Gyt	Tringa	.....	33	28	74x11x 6	1906	Milton Wilsen, Chicago, Ill.
Tug	Triton	.....	35	24	52x15x 6	1899	Great Lakes Towing Co., Cleveland, O.
Sch	Troy	.....	486	462	187x30x10	1872	John C. Folkerts, Marine City, Mich.
Tug	Troy, Henry	.....	27	16	61x14x 6	1891	Wm. Lehmann, Milwaukee, Wis.
Str	†Troy	3655	2966	398x46x28	1898	Western Transit Co., Buffalo, N. Y.
Sty	†Truant	100	50	120x17x10	1892	H. H. Newberry, Detroit, Mich.

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AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Tug	Truby, John M....	113	61	71x20x13	1910	Great Lakes Towing Co., Cleveland, O.
Str	†Truesdale, Wm. H.	5057	3764	432x52x28	1908	Empire Steamship Co., Brown & Co., Mgrs., Buffalo, N. Y.
Scw	Tuscarora	.....	385	85x34x 8	Empire	Engineering Corporation, Buffalo, N. Y.
Str	†Tuscarora	.....	2386	291x40x22	1899	Lehigh Valley Trans. Co., Buffalo, N. Y.
Cbt	Tuscarora	.....	135	91x17x 9	1909	Wm. H. Follette, Tonawanda, N. Y.
Str	Tuttle, M.	.....	51	95x18x 5	1870	Clarence Le Beau, Toledo, O. (Rebuilt 1911.)
Sch	Tuxbury, A. C....	679	645	181x35x13	1890	Edward Hines Lumber Co., Chicago, Ill.
Bge	Twentieth Century	75	75	...x...x...	1901	Fix Bros., Buffalo, N. Y.
Sch	Twin Sisters	.....	806	204x35x14	1889	Ogdensburg Coal & Towing Co., Ogdensburg, N. Y.
Gas	Two Brothers	....	5	27x 9x 4	1912	Frank C. Livermore, Pen Sankee, Wis.
Tug	Two Brothers.....	37	18	54x14x 7	1891	Ole Hansen, Milwaukee, Wis.
Str	Two Myrtles	.....	96	80x23x 7	1899	U. S. Engineers Dept.
Bge	Tycoon	.....	287	143x33x 6	1895	Harry Coulby, Cleveland, O.
Sch	†Tyrone	.....	2117	301x41x24	1895	Gilchrist Transportation Co., Cleveland, O.
Sch	Tyson, Emma E...	356	338	157x30x11	1871	Mullin Coal Co., Amherstburg, Ont.
Sty	†Uarda	.....	89	95x17x 8	1881	Albert B. Scott, Hancock, Mich.
Str	Uganda. (Lost 1913)	.....	2298	291x41x22	1892	Edward Mehl, Erie, Pa. (Rebuilt 1905.)
Scw	†Ulster	.....	316	125x32x..	1909	Dunbar & Sullivan Dredging Co., Buffalo, N. Y.
Str	†Umbria	.....	4803	420x50x25	1904	Acme Transit Co., Cleveland, O.
Sch	Unadilla	.....	396	153x30x13	1862	Cloyd J. Garlock, Marine City, Mich.
Bge	Uncle Paul No. 2....	94	94	84x23x..	....	Peoples Milling Co., Chaumont, N. Y.
Str	†Underwood, F. D....	3314	2499	319x44x28	1896	Erie Railroad Lake Line, Buffalo, N. Y.

Str	Unique	.....	91	61	91x19x 8	1900	The Whitehall & St. Johns Towing & Trans. Co., Whitehall, N. Y.
Stp	†United States	.....	1374	811	193x41x16	1909	Indiana Transportation Co., 144 S. Water St., Chicago, Ill.
Str	United Shores	....	336	229	150x38x12	....	Buffalo Steamship Co., Buffalo, N. Y.
Str	†Upson, Andrew S.	..4442	3120	380x52x28	1909	Tecumseh S. S. Co., A. T. Kinney, Pres., Cleveland, O.	
Str	†Upson, J. E.	.....	6309	4853	504x54x30	1908	Wilson Transit Co., Cleveland, O.
Str	Uranus	.....	524	498	169x30x13	1873	S. C. McLouth, Marine City, Mich.
Str	†Uranus (Now Canadian Str. Franz)	.....	524	498	169x30x13	1873	S. C. McLouth, Marine City, Mich.
Str	†Utica	.....	3533	2658	325x44x30	1904	Western Transit Co., Buffalo, N. Y.
Str	†Utley, E. H.	.....	6287	4861	504x54x30	1910	Franklin S. S. Co., Duluth, H. K. Oakes, Detroit, Mich., Mgr.
Str	Uvira	.....	44	27	76x16x 8	1889	John T. Fuller, Alexandria Bay, N. Y.
V							
Sty	Vacuna	.....	46	23	75x14x 8	1896	S. R. Van Duzen, Alexandria Bay, N. Y.
Str	Vail, Walter (See Herman H. Hettler)	.....	48	89	14x 8	1895	Hon. Jos. C. Sibley, Valcour, N. Y.
Str	Valcour	.....	61	48	89x14x 8	1872	Joseph Croze, Houghton, Mich.
Str	Valerie	.....	59	29	69x18x 7	1909	Booth Fisheries Co., Chicago, Ill.
Str	Valiant	.....	33	22	53x15x 6	1903	William Hale Thompson, Chicago, Ill.
Sey	Valmore	.....	37	34	65x16x 8	1887	Fay S. S. Co., Duluth, Minn. (Burned 1910.)
Str	Vance, Frank L.	.....	1952	1642	258x42x23	1908	John A. Desana, Wyandotte, Mich.
Str	Vaneita	.....	37	19	55x12x..	1885	J. E. Reynolds, Harbor Beach, Mich.
Tug	Van Eels, H. M.	....	28	20	55x13x 7	1901	John H. Smedley, Detroit, Mich.
Gyt	Vanessa	.....	42	37	52x16x 3	1900	Pittsburgh Steamship Co., Cleveland, O.
Str	†Van Hise, Chas. R.	5117	3673	458x50x25	1875	Petrol Traffic Co., Toledo, O. (Rebuilt 1906.)	
Str	Van Vleck, Geo. H.	1020	940	238x34x12	1897	Charles Neff, Milwaukee, Wis.	
Str	Venezuela	.....	2125	1733	263x43x23	1912	W. U. Cline, Massena, N. Y.
Str	Venus	.....	59	39	64x14x 5	1901	Interlake Steamship Co., Cleveland, O.
Str	†Venus	.....	3719	2766	346x48x28	1887	Capt. James Mitchell, Cleveland, O.
Str	Vermillion	.....	1827	1395	252x42x22	1903	Champlain Trans. Co., Burlington, Vt.
Stp	†Vermont	.....	1195	608	251x35x11	1914.	

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	†Verona	.....6186	4765	480x52x30	1907	Interlake Steamship Co., Pickands, Mather & Co., Mgrs., Cleveland, O.
Str	Veronica	.....1093	880	202x35x19	1886	Tonawanda I. & S. Co., N. Tonawanda, N. Y.
Sty	Vesta	.....70	45	87x15x 9	1893	Mortimer J. Lawrence, Cleveland, O.
Scb	Victor	.....101	73	99x17x 7	1875	Western Stone Co., Chicago, Ill.
Stp	Victor	.....26	18	63x13x 5	1897	Estate of Lewis Daniels, Vergennes, Vt.
Str	Victoria	.....192	116	96x28x12	1872	D. B. I. & W. Ferry Co., Detroit, Mich.
Str	†Victory	.....4527	3704	452x48x27	1895	Interlake Co., Pickands, Mather & Co., Mgrs., Cleveland, O. (Rebuilt 1905.)
Str	†Viking	.....1117	943	217x37x18	1889	F. W. Gilchrist, Alpena, Mich.
Tug	Viola	.....31	16	61x14x 5	1889	Timothy J. Desmond, Dunkirk, N. Y.
Gyt	Virginia	.....67	58	73x17x 2	1912	E. W. Andrews, Chicago, Ill.
Stp	†Virginia	.....1606	979	269x38x13	1891	Goodrich Trans. Co., Chicago, Ill.
Sty	†Visitor	.....70	....	81x20x 6	1892	U. S. Engineer Corps, Washington, D. C.
Sty	Vita	.....69	48	86x17x 7	1888	Frank S. Upton, Charlotte, N. Y.
Str	Vivian	.....95	50	80x16x 4	1907	Edward B. Mahon, Syracuse, N. Y.
Dge	Vivian, Alice	.....710	710	120x35x12	1898	Zenith Dredge Co., Duluth, Minn.
Sty	†Volanta	.....33	24	82x11x 6	1875	Charles Thoeman, Sault Ste. Marie, Mich.
Sch	Volunteer, nee Deland	.....136	109	94x17x 9	1887	Charles H. Stark, Buffalo, N. Y.
Str	Volunteer	.....1944	1506	270x42x22	1888	Gilchrist Transportation Co., Cleveland, O. (Dismantled 1914.)
Str	†Vulcan	.....1759	1366	260x38x23	1889	The Atlas Steamship Co., Duluth, Minn. R. C. Helm, Mgr.
W						
Str	Waccamaw	.....1359	920	243x40x18	1900	J. L. Crosthwaite, Buffalo, N. Y.
Str	Wade, Addie	.....98	67	80x20x 7	1902	Joseph A. Lemere, Jacksonport, Mich.
Str	†Wade, J. H.	.....1863	1502	266x38x23	1890	W. C. Richardson & Co., Cleveland, O.

Sty	Wagner, Matt	.....	53	38	63x13x6	1888	A. E. Baker, et al., Dunkirk, N. Y. (Re-built 1904.)
Str	†Wainwright	.....	4937	3714	420x52x28	1908	Edward Mehl, Erie, Pa.
Str	†Waldo, L. C.	.....	4466	3519	452x48x28	1896	Roby Trans. Co., L. C. Waldo, Mgr., Detroit, Mich. (Lost 1913.)
Sch	Waleska	.....	71	68	80x21x7	1866	H. M. Ludwig, Benton Harbor, Mich.
Scw	Walker, Ann	.....	143	143	89x18x9	1887	John Sheehan, Buffalo, N. Y.
Str	†Walker, Perry G.	(See Taurus)		597	194x34x14	1866	Sandusky Lumber & Box Co., Sandusky, O.
Sch	Wall, Chas.	.....	629	1034	216x36x19	1884	David Wallace, Lorain, O.
Str	†Wallace, David	.....	1088	3678	420x52x28	1906	Dearborn Transit Co., Detroit, Mich.
Str	†Wallace, E. L.	.....	4956	5403	532x56x31	1905	Interlake Steamship Co., Cleveland, O.
Str	†Wallace, James C.	.....	6684	944	239x41x19	1903	Great Lakes & St. Lawrence Trans. Co., D. Sullivan, Mgr., Chicago, Ill.
Str	†Wallace, Robt.	.....	1640	24	57x14x..	1909	Charles Balow et al., Michigan City, Ind.
Str	Walter S.	.....	35	4772	480x52x30	1905	Ohio S. S. Co., Hutchinson & Co., Mgrs., Cleveland, O.
Stp	Walsh, Lizzie	.....	37	22	65x14x6	1882	R. J. Ferris, Spring Lake, Mich. (Out of com.)
Sch	Walter	.....	18	16	44x13x9	1893	E. J. Stripe, Ontonagon, Mich.
Dge	Walter D.	.....	136	123	102x27x6	1891	Toledo Builders' Supply Co., Toledo, O.
Str	†Walters, Thomas	....	7518	5787	580x58x32	1911	Interstate Steamship Co., W. H. Becker, Mgr., Cleveland, O.
Tug	Walton B.	.....	32	16	62x15x7	1891	Lake Sup. Con. & D. Co., Board of Trade, Duluth, Minn. (Abandoned.)
Sch	Wanda	.....	39	39	70x16x4	1908	Martin Marine, Wis.
Sch	Wanda	.....	39	39	70x16x4	1908	Martin Marine, Milwaukee, Wis.
Tug	Ward, J. W.	.....	40	29	64x16x8	1891	Thomas Durocher, Sault Ste. Marie, Mich.
Str	†Warner, Chas. M.	....	3812	2733	370x48x28	1903	Great Lakes Steamship Co., Rockefeller Bldg., Cleveland, O.
Str	†Warner, Randolph S.	3062	2128	318x42x27	1901	Calumet Trans. Co., J. S. Ashley, Mgr., Cleveland, O.	
Str	Warren, H. O.	.....	26	17	51x10x6	1898	Oshkosh Builders' Supply Co.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Sch	#Warriner, S. D.	2279	2125	300x42x24	1901	Calumet Trans. Co., J. S. Ashley, Mgr., Cleveland, O.
Str	#Watson, C. W.	4306	3364	380x50x28	1902	G. A. Tomlinson, Duluth, Minn.
Str	#Watt, James	4090	3105	406x48x28	1896	Pittsburg Steamship Co., Cleveland, O.
Tug	Waubun	77	52	72x19x 9	1887	C. H. Starke Dredge & Dock Co., Milwaukee, Wis. (Rebuilt 1904.)
Stp	Wauketa	...	...	175x38x14	1908	White Star Line, Detroit, Mich.
Stp	Wau-Kon	137	93	95x19x16	1883	Island Transp. Co., L. R. Boynton, Pres., St. Ignace, Mich.
Bge	Waunegan	58	58	61x15x..	1893	F. Schmidt, New York, N. Y.
Scy	Wave Crest	63	60	84x23x 7	1864	R. K. Dryer, Rochester, N. Y.
Str	#Wawatam	1879	1526	266x38x23	1891	Atlas Steamship Co., R. C. Helm, Duluth, Minn.
Sch	Wayne	708	629	189x34x14	1882	A. B. Wolvin, Duluth, Minn.
Sch	Weaver, Jennie	88	83	97x23x 7	1882	John A. Morley, Harbor Beach, Mich.
Str	#Weeks, J. L. (See Corvus)					
Stp	Wehrle, A. Jr.	421	291	148x27x 9	1889	G. A. Boeckling, Sandusky, O.
Str	Weidemann, R. H.	34	20	58x16x 7	1882	Edward Bros., Sault Ste. Marie, Mich.
Tug	Welcome	77	38	85x20x15	1890	Sophia Meyer, Milwaukee, Wis.
Tug	Welcome	58	29	68x17x10	1890	Great Lakes Dredge & Dock Co., Chicago, Ill.
Bge	Welcome	93	65	100x17x 7	1877	Martin Hogan, Chicago, Ill.
Str	Welcome	212	129	80x21x10	1894	Douglass Transp. Co., St. Clair, Mich.
Sch	Wells, D. A.	56	53	62x18x 7	1874	Henry Schippers, et al, Great Haven, Mich.
Str	#Wells, Frederick B.	4897	3630	430x50x29	1901	Peavey S. S. Co., A. B. Wolvin, Mgr., Duluth, Minn.
Str	Wente, Robert C.	335	267	141x30x11	1888	Gus Kitzinger, Manistee, Mich.
Sch	Wesley, Geo. W.	280	266	157x28x 8	1867	L. P. Mason, Saginaw, Mich.
Bge	#West, B.	122	122	100x24x 6	1905	Alexander Ruelle, Detroit, Mich.

Sch	Westcott, Geo.	W. 122	116	111x24x 8	1863	John J. Sather, et al., Muskegon, Mich.
Str	Westcott, J. W.	522	451	169x31x12	1883	Charles G. Forster, Milwaukee, Wis.
Str	Western Star	4764	3593	416x50x28	1903	Michael J. Cummings, Oswego, N. Y.
Str	Western States	3077	1566	350x45x20	1902	Detroit & Cleveland Navigation Co., Detroit, Mich.
Str	Weston, Charles A.	6996	5511	549x56x31	1906	Tonawanda Transit Co., Tonawanda, N. Y.
Bge	West Superior	134	134	93x30x..	1898	Great Lakes Dredge & Dock Co., Chicago, Ill.
Tug	Wheeler, Irma L.	51	25	66x15x 8	1877	Sturgeon Bay Stone Co., Sturgeon Bay, Wis.
Scb	White, Chas. N.	115	84	93x17x 9	1888	Ray M. Van Wagner, Niagara Falls, N. Y.
Str	White, Peter	6184	4931	504x54x30	1905	Presque Isle Trans. Co., Cleveland-Cliffs Iron Co., Mgr., Cleveland, O.
Str	White, Pendennis.	4382	3205	416x50x28	1906	John Mitchell, Cleveland, O.
Slp	White Wings	28	28	43x14x 6	1903	James M. Osgood, South Frankfort, Mich. (Out of com.)
Sch	White & Friant	348	348	152x28x11	1881	Shannon & Garey, Saginaw, Mich.
Str	Whitney, D. M. (See E. L. Booth)	289	275	135x26x11	1866	M. Sicken, Marine City, Mich. (Lost 1910.)
Sch	Whitney, Grace	289	275	135x26x11	1866	M. Sicken, Marine City, Mich. (Lost 1910.)
Str	Wickwire, Theo. H.	5141	3894	444x56x28	1909	Boland & Cornelius, Buffalo, N. Y.
Str	Wickwire, Theodore H. Jr.	6077	4927	504x56x26	1910	American S. S. Co., Boland & Cornelius, Buffalo, Mgrs.
Str	Widener, Peter A. B.	7053	5444	580x58x32	1906	Pittsburgh Steamship Co., Cleveland, O.
Str	Widlar, Francis	4682	3368	416x50x28	1904	Columbia S. S. Co., Wm. Becker, Mgr., Cleveland, O.
Gyt	Wilah	32	32	45x19x 6	1910	Leonard S. Payne, Chicago.
Gas	Wilanna	25	21	64x11x 5	1902	Chas. W. Kotcher, Detroit, Mich.
Sly	Wilcox, M. I.	28	....	61x16x 4	1894	Simon Failing, Point Peninsula, N. Y.
Str	Wild, H. C.	46	31	67x16x 9	1910	Great Lakes Dredge & Dock Co., Chicago, Ill.

AMERICAN STEAM AND SAIL VESSELS OF THE GREAT LAKES—Continued.

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Gyt	Wildflower	33	27	66x12x 5	1906	W. A. Gilchrist, Chicago, Ill.
Str	#Wilkesbarre	4153	3311	382x50x28	1901	Lehigh Valley Trans. Co., Buffalo, N. Y.
Str	#Wilkinson, Horace S.	3860	3057	370x48x28	1902	Great Lakes Steamship Co., Rockefeller Bldg., Cleveland, O.
Str	Willard L.	46	32	61x16x 8	1910	The Case Fish Co., Cleveland, O.
Tug	William D.	51	25	70x19x 7	1892	Great Lakes Towing Co., Cleveland, O. (Abandoned.)
Tug	Williams, Charles E.	98	67	75x21x10	1907	Great Lakes Dredge & Dock Co., Chicago, Ill.
Bge	Williams, Ellen	274	240	130x30x11	1855	Eureka Coal & Dock Co., Chicago, Ill.
Str	Williams, Geo. F.	1888	1506	280x41x22	1888	Gilchrist Transportation Co., Cleveland, O.
Tug	Williams, J. L.	51	25	67x19x 9	1883	E. F. England, Duluth, Minn.
Str	#Wilpen	7612	5851	554x58x32	1906	Shenango S. S. Co., W. B. Davock, Mgr., Cleveland, O.
Str	Wilson, Anna C.	100	68	91x20x 7	1912	W. P. Wilson, et al., Saugatuck, Mich.
Sch	Wilson, Annabell.	490	467	174x32x12	1887	Luther P. Graves, Buffalo, N. Y.
Str	Wilson, Mathew	322	243	141x28x11	1872	Dennis McMillan, et al, Muskegon, Mich.
Str	#Wilson, Capt. Thos.	4719	3959	416x50x28	1900	Wilson Transit-Co., Cleveland, O.
Tug	Wilson, Thomas	71	35	73x18x10	1888	Great Lakes Towing Co., Cleveland, O.
Tug	#Wilson, Gen. John M.	42	28	70x15x 8	1898	U. S. Engineer, Buffalo, N. Y.
Sew	Windsor	193	140	74x50x..	1894	Geo. W. Archer, Rochester, N. Y.
Sch	Wing, Winnie	200	190	118x27x 9	1867	Geo. Irving, Oswego, N. Y.
Str	Winnipeg	1708	1474	252x35x16	1878	Boland & Cornelius, Buffalo, N. Y.
Sty	#Winyah	143	74	115x20x 9	1894	F. W. Fletcher, Alpena, Mich.
Str	#Wisconsin	4858	3707	420x50x28	1903	Acme Transit Co., Cleveland, O.
Str	#Wissahickon	4062	3104	350x46x30	1907	Erie & Western Trans. Co., Anchor Line, Buffalo, N. Y.
Sch	Witbeck, Henry	498	473	167x33x11	1880	Ogdensburg C. & T. Co., Ogdensburg, N. Y.

Tug	Witch	44	17	60x18x7	1904	Wm. H. Sharp, Bay City, Mich.
Str	Witherbee, J. G....	114	75	108x20x9	1872	Lake Champlain Trans. Co., Whitehall, N. Y.
Scw	W. No. 5.....	102	102	.....	1895	Whitney Bros. Co., Superior, Wis.
Str	†Wolf, William H..	6281	4767	504x54x30	1908	Gartland S. S. Co., D. Sullivan, Mgr., Chicago, Ill.
Str	Wolf, William H....	2265	1791	285x42x21	1887	Pennsylvania S. S. Co., Milwaukee, Wis.
Str	†Wolvin, August's B.	6585	5311	540x56x32	1904	Interlake Steamship Co., Cleveland, O.
Sch	Wonder	39	37	61x17x6	1875	H. Emily Soederman, Milwaukee, Wis.
Str	†Wood, Jas. B. (See Arcturus)					
Str	†Wood, Joseph	6360	4921	504x54x30	1910	Eastern S. S. Co., M. A. Hanna & Co. Mgrs., Cleveland, O.
Str	†Woodruff, Lewis (See Argus)					
Tug	Woods, Arthur	37	19	54x16x6	1888	Great Lakes Towing Co., Cleveland, O.
Str	Woods, Frank	384	316	120x26x18	1888	Benton Transit Co., Benton Harbor, Mich.
Str	Woodworth, F. C....	89	78	68x15x5	1901	F. Woodworth, W. Webster, N. Y.
Sch	Woolson, Mary	708	673	179x35x13	1888	O. W. Blodgett, Bay City, Mich.
Stp	Wotan	886	712	192x37x14	1893	Louis Sands Salt & Lumber Co., Manistee, Mich.
Str	Wright, Alfred P..	2207	1899	286x42x24	1888	Gilchrist Transportation Co., Cleveland, O.
Sch	Wright, A. W.....	530	507	169x33x11	1880	W. H. Sharp, Bay City, Mich.
Sch	Wright, John W....	26	24	52x13x6	1869	Jens Jensen, Ephraim, Wis.
Str	†Wyandotte	2095	1283	286x45x24	1908	Wyandotte Transp. Co., Detroit, Mich.
Tug	Wyland, J. L.....	27	18	60x14x6	1885	Booth Fisheries Co., Chicago, Ill.
Str	Wyoming	1488	934	241x39x14	1887	Wyoming Steamship Co., Buffalo, N. Y.
Y						
Str	Yale	99	36	71x20x10	1909	Great Lakes Towing Co., Cleveland, O.
Str	†Yale	3453	2698	371x45x27	1895	Great Lakes Engineering Works, Detroit, Mich.
Str	†Yates, Harry	6077	4927	504x56x26	1910	American S. S. Co., Boland & Cornelius, Mgrs., Buffalo, N. Y.
Str	Yonkers	1770	1571	264x37x24	1879	Edw. Gillen Dock, Dredge & Construction Co., Racine, Wis.

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CLASS	VESSEL	Gross Tonnage	Net Tonnage	Keel Beam Depth	Year Built	NAME AND ADDRESS OF OWNER OR MANAGER
Str	York State	89	71	66x24x 6	1899	Andrew N. Johnson, Chicago, Ill.
Bge	York State	277	256	134x28x11	1869	Chicago Lighterage Co., Chicago, Ill.
Str	+Yosemite	3879	3044	356x50x28	1901	G. A. Tomlinson, Duluth, Minn.
Ltr	Youghiogeny	177	170	115x30x 4	1889	Pittsburgh Coal Co., Cleveland, O.
Sch	Young, Wm. A.	434	413	165x30x11	1883	Pringle Line, St. Clair, Mich. (Lost 1911)
Str	+Yuma	2194	1828	323x42x24	1893	Wilson Transit Co., Cleveland, O.
Z						
Dge	Zancla	757	360	125x36x..	1907	St. Lawrence River Power Co., Massena, N. Y.
Scw	Zenith	30	30	...x..x..	1899	Whitney Bros. Co., Superior, Wis.
Bge	Zenith	365	365	121x31x..	1908	Barnett & Record Co., Duluth, Minn.
Str	+Zenith City	3850	3429	387x48x29	1895	Pittsburgh Steamship Co., Cleveland, O.
Str	Zillah	748	583	201x37x13	1890	O. W. Blodgett, Bay City, Mich.
Str	+Zimmerman, Eugene	5630	4772	480x52x30	1905	The Toledo S. S. Co., John Craig, Mgrs. Toledo, O.

Vessels on the Inland Waters of Canada from the Lake of the Woods to the River St. Lawrence, inclusive.

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‡Indicates steel and iron vessels. Tons of steam vessels are gross tons, sail vessels registered tons.
brackets (1886), is year in which vessel was built.

A

A. L., sail, 68 tons, 71 ft., (1909), Amable Lavoie, Petite Riviere St. Francois, Que.
 Aaron, bg., 144 tons, 108 ft. (1881), Ottawa Transp. Co., Ltd., Ottawa, Ont.
 Abbey, Olivia, sail, 88 tons, 100 ft., (1884), John Bradley, Merritton.
 Abeona, stm., 46 tons, 89 ft., (1889), Harry Oldfield, Parry Sound, Ont.
 Aberdeen, stm., 87 tons, 79 ft. (1895), Harbor Commissioners, Montreal, Que.
 Aberdeen stm., 142 tons, 99 ft. (1894), Canada Steamship Lines, Ltd., Toronto, Ont.
 Abitibi, stm., 106 tons, 74 ft. (1907), Thomas Walsh, Kenora, Ont.
 Acacia, sail, 153 tons, 102 ft., (1873), W. G. Woodman, Wolfe Island, Ont.
 Acacia, stm., 107 tons, 92 ft., (1893), Wallaceburg Sugar Co., Ltd., Wallaceburg, Ont.
 Acadia, bge., 375 tons, 150 ft., (1875), Montreal Transp. Co., Ltd., Montreal, Que.
 Accommodation, stm., 409 tons, 151 ft., (1910), Hyacinthe Beauchemin, Sorel, Que.

‡Indicates steel and iron vessels. Tons of steam vessels are gross tons, sail vessels registered tons.
brackets (1886), is year in which vessel was built.

Active, stm., 302 tons, 129 ft., (1873), Montreal Trans. Co., Ltd., Montreal.
 A. D., sail, 462 tons, 147 ft. (1899), Quebec Transp. & Forwarding Co., Ltd., Quebec, Que.
 Ada, stm., 29 tons, 61 ft., (1886), W. C. Edwards & Co., Ltd., Ottawa.
 Ada Alice, stm., 60 tons, 66 ft. (1879), Jos. Goodwin, Toronto.
 Adams, James, stm., 51 tons, 68 ft. (—), Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
 Adel, bge., 43 tons, 73 ft. (1905), L. B. Leclaire, Sorel, Que.
 Adele, bge., 297 tons, 127 ft. (1893), Adolf Lomer, Montreal, Que.
 Adjutor, sail, 41 tons, 61 ft. (1895), C. Mehot, Trois Saumons, Que.
 Advance, stm., 41 tons, 66 ft., (1862), F. Smith, Toronto.
 Advance, stm., 72 tons, 48 ft., (1886), Wm. A. Kennedy, Manitoulin.
 Advance, stm., 1031 tons, 175 ft., (1884), Montreal Trans. Co., Ltd., Montreal, Que.
 Agalée, sail, 37 tons, 55 ft. (1902), Cyrille Levesque, Green Island, Que.

FROM THE BLUE BOOK OF AMERICAN SHIPPING. COPYRIGHTED, 1914.

- †Agawa, stm., 3759 tons, 379 ft., (1902), Algonoma Central & H. B. Ry. Co., Sault St. Marie.
 Agnes, stm., 29 tons, 56 ft., (1883), G. Bothwell, Buckingham, Que.
 Agwande, stm., 307 tons, 105 ft., (1900), Rainy River Nav. Co., Ltd., Kenora, Ont.
 Ahmic, stm., 77 tons, 80 ft., (1896), The Muskoka Lakes Navigation & Hotel Co., Ltd., Toronto.
 Ahteek, stm., 29 tons, 57 ft., (1873), W. H. Plummer, Sault Ste. Marie, Ont.
 Aid, stm., 25 tons, 65 ft. (1886), J. A. Cameron, Thurso, Que.
 Aid, sail, 368 tons, 153 ft., (1885), Trefle Rondeau, Lanoraie, Que.
 Aikins, W. J., stm., 42 tons, 60 ft., (1874), D. C. Graham, Fort William.
 Ainsworth, C. E., 76 tons, 81 ft., (1901), Dominion Fish Co., Ltd., Winnipeg, Man.
 Ajax, stm., 33 tons, 54 ft., (1902), W. F. C. Boyd, Bobcaygeon.
 Alabama, bge., 151 tons, 100 ft., (1871), John Torrance, Montreal, Que.
 †Alaska, stm., 246 tons, 102 ft., (1906), Sincennes-McNaughton Line, Montreal, Que.
 Alaska, stm., 51 tons, 73 ft., (1899), Cie Maritime et Commercial du Bas, St. Laurent, Lee, Anticosti, Que.
 †Albani, stm., 58 tons, 78 ft., (1882), W. H. Comstock, Brockville.
 Albani, sail, 159 tons, 107 ft., (1883), H. F. Cumming, Cornwall.

- Albatross, sail, 317 tons, 136 ft., (1871), Midland Towing & Wkg. Co., Ltd., Midland Ont. Rebuilt. Lost 1911.
 Alberic, Charles, bge., 104 tons, 100 ft., (1875), Joseph Souillier, Sorel, Que.
 Alberic, A., sail, 124 tons, 110 ft., (1909), R. Descheneaux, Notre Dame de Pierreville, Que.
 Albert, stm., 296 tons, 147 ft., (1888), Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
 Albert, sail, 147 tons, 109 ft., (1897), H. F. Larkin and A. Sangster, Iroquois.
 Alberta, stm., 125 tons, 96 ft., (1905), Sincennes-McNaughton Line, Ltd., Montreal, Que.
 †Alberta, stm., 2282 tons, 263 ft., (1883), Canadian Pacific Ry. Co., Montreal, Que.
 Alberta, bge., 262 tons, 136 ft., (1892), Canadian Forwarding & Export Co., Ltd., Montreal, Que.
 Alberta, bge., 314 tons, 163 ft., (1891), Montreal Transp. Co., Ltd., Montreal, Que.
 Alberta M., stm., 38 tons, 69 ft., (1907), W. J. Keen et al., Blind River, Ont.
 Albion, bge., 149 tons, 110 ft., (1888), Ottawa Transp. Co., Ltd., Ottawa, Ont.
 Alhya, sail, 123 tons, 162 ft., (1902), Ignace caron, St. Aimé, Que.
 Alcé, bge., 90 tons, 94 ft., (1875) E. Paul, Sorel, Que.
 Alcide, sail, 65 tons, 82 ft., (1897), Leopold Beauchemin, Notre Dame de Pierreville, Que.

- Alcyon, stm., 44 tons, 63 ft., (1901), E. Gagnon, St. Anne de Chicoutimi, Que.
 Aleyone, stm., 38 tons, 76 ft., (1890), H. M. Molson, Montreal, Que.
 Aldrich, W. B., stm., 59 tons, 68 ft., (1868-1905), H. A. Hackett, et al., Amherstburg, Ont.
 †Alert, stm., 53 tons, 68 ft., (1904) Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
 Alert, stm., 50 tons, 64 ft., (1886), Minister of Railways & Canals, Ottawa.
 Alert, stm., 47 tons, 58 ft., (1886), Welland Canal Tug Co., Ltd., Pt. Colborne, Ont.
 Aletha, stm., 171 tons, 107 ft., (1901), Canada Steamship Lines, Ltd., Toronto, Ont.
 Alexander, sail, 351 tons, 134 ft., (1857), Bryce Muir, Port Dalhousie.
 Alexandra, stm., 105 tons, 76 ft., (1891), Kawartha Lakes Nav. Co., Ltd., Lindsay.
 †Alexandra, stm., 417 tons, 148 ft., (1903), Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
 Alexandria, paddle stm., 863 tons, 173 ft., (1883), Canada Steamship Lines, Ltd., Toronto, Ont.
 Alexina, bge., 97 tons, 85 ft., (1873), G. Matthey, Lachine, Que.
 Alfred, paddle stm., 89 tons, 48 ft., (1895), A. L. Davis, Peterboro.
 Alfred, sail, 266 tons, 125 ft., (1895), Edwardsburgh Starch Co., Ltd., Montreal, Que.
 Alfred, sail, 165 tons, 110 ft., (1881), R. Bickerdike and R. Ironside, Montreal, Que.
 †Algoma, stm., 157 tons, 104 ft., (1901), Robert A. Lyon, Sault Ste. Marie, Ont.
- Algoma, stm., 69 tons, 56 ft., (1904), Rat Portage Lumber Co., Ltd., Kenora, Ont.
 Algonquin, stm., 305 tons, 120 ft., (1906), Huntsville L. of Bays and L. Sim Nav. Co., Toronto, Ont.
 †Algonquin, stm., 1806 tons, 245 ft., (1888), St. Lawrence & Chicago Steam Nav. Co., Ltd., Toronto.
 Algonquin, dredge, 335 tons, 91 ft., (1894-1907), Hector M. Connolly, Montreal, Que.
 Alice, stm., 67 tons, 70 ft., (1894), Sincennes, McNaughton Line, Montreal, Que.
 Alice, stm., 48 tons, 70 ft., (1901), Patrick Kelly, Kippewa, Ont.
 Alice, sail, 186 tons, 110 ft., (1893), Adolf Lomer, Montreal, Que.
 Alice, stm., 403 tons, 125 ft., (1907), The Minister of Agriculture, Ottawa, Ont.
 Alice, bge., 30 tons, 68 ft., (1890), O. M. Harris, Buckingham, Que.
 Alice G., stm., 36 tons, 60 ft., (1902), Dominion Fish Co., Ltd., Winnipeg.
 Allan, Eliza, sail, 110 tons, 84 ft., (1875), Ed. Harris, Port Dover.
 Allans, No. 1, bge., 250 tons, 139 ft. (1908), H. Montague Allan et al., Montreal, Que.
 Allans, No. 2, bge., 279 tons, 159 ft. (1908), H. Montague Allan et al., Montreal, Que.
 Allans, No. 3, bge., 170 tons, 121 ft. (1908), H. Montague Allan et al., Montreal, Que.
 Allans, No. 4, bge., 152 tons, 100 ft. (1908), H. Montague Allan et al., Montreal, Que.
 Allans, No. 5, bge., 105 tons, 117 ft. (1908), H. Montague Allan et al., Montreal, Que.

- Allans, No. 6, bge., 172 tons, 118 ft. (1908),
H. Montague Allan et al., Montreal, Que.
Alliance, sail, 33 tons, 47 ft., (1867), Arnold
Winegardin, Chatham.
Allege, stm., 73 tons, 69 ft., (1910), Irenee
Yargeau, Notre Dame de Pierreville, Que.
Allumet, scw., 27 tons, 52 ft. (1902), Upper
Ottawa Improvement Co., Ltd., Ottawa,
Ont.
Alma, stm., 43 tons, 54 ft., (1903), Charles
Marcoux, Berthier, Que.
Alma, sail, 47 tons, 85 ft. (1881), J. Daneau,
St. Francois du Lac, Que.
Alma, bge., 48 tons, 71 ft. (1866), P. Carrier,
Boucherville, Chambly Co., Que.
Alma H., sail, 32 tons, 54 ft. (1898), William
Lebel, Rimouski, Que.
Almanda, sail, 41 tons, 60 ft. (1876), J.
Bouchard, Malbaie, Que.
Almanda, sail, 98 tons, 74 ft. (1864), Jos.
Bergeron, Les Eboulements, Que.
Aloha, bge., 521 tons, 173 ft., (1888), Mid-
land Transportation Co., Ltd., Midland,
Ont.
Alpha, stm., 61 tons, 72 ft., (1898), Cie Mari-
time et Commerciale du Bas St. Laurent,
Ltd., Anticosti, Que.
Alva, stm., 27 tons, 50 ft., (1901), Papineau-
ville Lumber Co., Ltd., Papineauville,
Que.
Alva W., stm., 32 tons, 65 ft. (1908), Brayton
C. Westcott and Freeman S. Wright, J.
O., Leamington, Ont.
- Alzora, sail, 43 tons, 65 ft., (1890), Louis Thi-
bert, Belle River. (Lost).
Amable, sail, 33 tons, 54 ft. (1901), Amable
Fournier, Montmagny, Que.
Amappan, stm., 26 tons, 51 ft., (1908), J. W.
Duncan, Montreal, Que.
Amarine, sail, 131 tons, 107 ft. (1908) Naz-
aire Laroche, Sorel, Que.
Amelia, sail, 108 tons, 104 ft. (1890), O.
Desrosiers, Yamaska, Que.
America, stm., 521 tons, 153 ft., (1895), Can-
ada Steamship Lines, Ltd., Toronto, Ont.
Amy, stm., 40 tons, 55 ft., (1901), Randolph
Macdonald, Toronto.
Andrews, Abbie L., sail, 287 tons, 138 ft.,
(1873), Pittsburg & Erie Coal Co., Ltd.,
Toronto, Ont.
Anglin, R., stm., 97 tons, 97 ft., (1869), Cram
& Couch, Ottawa, Ont.
Anglo-Saxon, paddle stm., 69 tons, 68 ft.,
(1868), Ontario Bank, Toronto, Ont.
Anglo-Saxon, sail, 180 tons, 58 ft., (1898),
David Davidson, Penetanguishene.
Anna, sail, 138 tons, 103 ft. (1896), T. Riv-
ard, Grondines, Que.
Annandale, sail, 76 tons, 63 ft. (1903), Rideau
House Boat Assn., Ltd., Kingston, Ont.
Annie, sail, 30 tons, 55 ft., (1853), P. Demers
and M. Thibeau, Dover East.
Annie, bge., 185 tons, 121 ft. (1869), Ernest
Templier, Montreal, Que.
Annie, sail, 70 tons, 96 ft., (1883), Asa Ribble,
Dresden.

Annie M., stm., 33 tons, 56 ft., (1900), Mrs. M.
 A. Clark, Collingswood.
 Antelope, sail, 334 tons, 138 ft., (1873), Albert
 J. Foster and Amelia Ure, Toronto, Ont.
 Antelope, stm., 83 tons, 82 ft., (1887), Dick-
 son Anderson, Montreal, Que.
 Anthemis, stm., 95 tons, 86 ft., (1909), Mem-
 phremagog Nav. Co., Ltd., Montreal, Que.
 Arab, bge., 204 tons, 123 ft., (1870), D. An-
 derson, Montreal, Que.
 †Arabian, stm., 1073 tons, 178 ft., (1892), Frank
 Plummer, Toronto, Ont.
 Arabian, bge., 61 tons, 76 ft., (1865), Narcisse
 Forcier, St. Aime, Que.
 Arbutus, stm., 49 tons, 63 ft., (1887), Owen
 Sound Tug, Lighter & Barge Line, Owen
 Sound.
 Arcade, sail, 140 tons, 109 ft., (1907), Agapit
 Daneau, Notre Dame de Pierreville, Que.
 Arctic, sail, 172 tons, 130 ft., (1858), Catherine
 Sidley, Belleville.
 Arctic, stm., 101 tons, 96 ft., (1893), Rathbun
 Co., Deseronto, Ont.
 Argyle, stm., 78 tons, 59 ft., (1900), James
 Fraser, Keewatin, Ont.
 Argyle, stm., 41 tons, 68 ft., (1891), Cape
 Breton Dredging Co., Ltd., Toronto, Ont.
 Argyle, paddle stm., 700 tons, 185 ft., (1899),
 Argyle S. S. Co., Ltd., Toronto, Ont.
 Ariadne, stm., 38 tons, 63 ft., (1885), Asa Rib-
 ble, Dresden.
 Ark sail, 521 tons, 176 ft., (1875), Montreal
 Lighterage Co., Ltd., Montreal, Que.

Armand, bge., 256 tons, 132 ft., (1892), Ca-
 nadian Forwarding & Export Co., Ltd.,
 Montreal, Que.
 Armenia, stm., 467 tons, 176 ft., (1873),
 Adolf Lomer, Montreal, Que.
 Armour, stm., 191 tons, 87 ft., (1906), A. A.
 Agat, Burk's Falls, Ont.
 Armstrong, Charles E., stm., 49 tons, 56 ft.,
 (1894), Continental Dredging Co., Ltd.,
 Montreal, Que.
 Arnold, Fanny, stm., 73 tons, 89 ft., (1882),
 Spanish River Co., Spanish River.
 Arnoldi John R., dredge, 68 tons, 72 ft.,
 (1884), William Marleton, Goderich, Ont.
 Arthur, sail, 327 tons, 148 ft., (1873), Elias
 Rogers Co., Ltd., Toronto.
 Arthur, stm., 78 tons, 90 ft., (1890), Tour-
 ville Lumber Mills Co., Montreal, Que.
 Arthur Mac, stm., 68 tons, 70 ft., (1904), Nor-
 man Ross, Owen Sound, Ont.
 Arthur, bge., 198 tons, 109 ft., (1907), J. L.
 B. Leclaire, Sorel, Que.
 Arthur P., bge., 182 tons, 116 ft., (1882),
 Prosper, Laplante, Lachine, Que.
 Asia, bge., 179 tons, 107 ft., (1889), Dolphin
 Hamel, St. Thomas de Pierreville, Que.
 †Assiniboia, stm., 3880 tons, 336 ft., (1907),
 Can. Pacific Ry., Montreal, Que.
 †Athabaska, stm., 2784 tons, 298 ft., (1910),
 Canadian Pacific Ry. Co., Montreal, Que.
 †Atikokan, stm., 1713 tons, 408 ft., (1895),
 Thos. Marks & Co., Mgrs., Canadian
 North-West Steamship Co., Ltd., Port
 Arthur, Ont.

- Atlantic, bge., 271 tons, 154 ft., (1879), William Desrosiers, Lanoraie, Que.
 Audrey C., stm., 87 tons, 71 ft., (1907), Manley Chew, Midland, Ont.
 Auger, H., 37 tons, 55 ft., (1892), Joseph N. Dussault, Les Ecoreuils, Que.
 Auguste, sail, 49 tons, 67 ft., (1890), E. J. Price, Quebec, Que.
 Augustus, sail, 802 tons, 177 ft., (1893), Montreal Transp. Co., Ltd., Montreal, Que.
 Aurelia, stm., 34 tons, 56 ft., (1869 and 1903), Robt. Weddell, Trenton, Ont.
 Aurelie, bge., 127 tons, 102 ft., (1873), Alexander Laplante, Lachine, Que.
 Aurora, stm., 125 tons, 107 ft., (1886), Jos. Blondin, Lachine, Que.
 Ayr, sail, 299 tons, 132 ft., (1858), Alexander McArthur, Toronto.
 Azov, sail, 195 tons, 108 ft., (1866), John McDonald, Goderich.
- B**
- Babineau & Gaudry, sail, 156 tons, 95 ft., (1864), Hiram Ives, Windsor.
 Bain, Jessie, stm., 67 tons, 70 ft., (1888), St. Lawrence River Stbt. Co., Ltd., Kings-ton, Ont.
 Baird, Harry, stm., 42 tons, 61 ft., (1885-1896), James Leighton, Port Elgin.
 Balize, stm., 247 tons, 132 ft., (1863), John Charlton, Lynedock.
 Ballou, H. M., sail, 52 tons, 80 ft., (1867), E. Goldring, Toronto.
- Balmoral, stm., 37 tons, 53 ft., (1899), L. Bellefeuille, Kenora, Ont.
 Baltic, bge., 130 tons, 103 ft., (1873), E. La-pointe, St. Henri, Que.
 Baltic, sail, 194 tons, 136 ft., (1856), John Galna & R. W. Danter, Parry Sound.
 Bangalore, sail, 296 tons, 136 ft., (1877), A. Rondeau, Lanoraie, Que.
 Banger, bge., 105 tons, 98 ft., (1872), Paul Hus, Sorel, Que.
 Banning, Ethel, stm., 38 tons, 50 ft., (1890), W. A. Weir, Kenora, Ont.
 Bangs, C. W., bge., 152 tons, 105 ft., (1886), Ottawa, Transp. Co., Ltd., Ottawa, Ont.
 Barge No. 1, sail, 48 tons, 50 ft., (1898), H. F. Cumming and J. B. McMillan, Cornwall.
 Barge No. 2, sail, 60 tons, 81 ft., (1898), Wm. Lawlor, Hawkesbury.
 Barge No. 3, sail, 54 tons, 81 ft., (1898), Wm. Lawlor, Hawkesbury.
 Barge No. 4, sail, 54 tons, 81 ft., (1898), Contractors Supply Co., Ltd., Ottawa.
 Barlum, John J., sail, 1213 tons, 234 ft., (1890), Algoma Central Railway, Sault Ste. Marie.
 Barnes, Frank C., stm., 63 tons, 66 ft., (1892), Thunder Bay Cont. Co., Ltd., Port Arthur, Ont.
 Barrett, Annie, stm., 42 tons, 58 ft., (1901), Antoine St. Peirre, Three Rivers, Que.
 †Bartlett, Wm., 328 tons, 124 ft., (1908), Montreal Trans. Co., Ltd., Montreal, Que.
 Batt, Frank C., stm., 33 tons, 59 ft., (1883), Robt. Reford, Montreal, Que.

Battle, Thomas Freel, stm., 54 tons, 64 ft., (1888), Joseph Battle, Thorold, Ont.
 Bawating, stm., 246 tons, 110 ft., (1875), International Transit Co., Sault Ste. Marie.
 †Bayfield, stm., 276 tons, 140 ft., (1889), Minister of Marine and Fisheries, Ottawa.
 Beatrice, stm., 40 tons, 64 ft., (1892), A. Baptiste, Three Rivers, Que.
 Beatrice, stm., 31 tons, 63 ft., (1877), Wm. J. Keays, Sarnia.
 Beatrice M., stm., 36 tons, 60 ft., (1902), John Bowman, Rosspport.
 †Beauharnois, stm., 167 tons, 130 ft., (1845), Calixte Guyot, Montreal, Que.
 †Beaumont, stm., 58 tons, 69 ft., (1907), John Stewart, Glasgow, G. B.
 Beauport, sail, 334 tons, 145 ft., (1873), J. E. Robillard, Montreal, Que.
 †Beaupre, paddle stm., 2,068 tons, 262 ft., (1868), Canada Steamship Lines, Ltd., Toronto, Ont.
 Beau Rosier, sail, 75 tons, 89 ft., (1875), J. A. Bonin, Lanoraie, Que.
 Beaver, stm., 31 tons, 50 ft., (1907), Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
 Beaver, stm., 34 tons, 28 ft., (1883 and 1908), Peterboro Fuel & Cartage Co., Ltd., Peterboro, Ont.
 Beaver, stm., 41 tons, 64 ft., (1892), Frank Gilbert, Montreal, Que.
 Beaver, stm., 92 tons, 78 ft., (1897), John Carew, Lindsay.
 Beaver, stm., 29 tons, 54 ft., (1899), Wm. Cane Sons Co., Ltd., Newmarket, Ont.

Beckwith, J. L., stm., 61 tons, 60 ft., (1872), Wm. Grierson, Sault Ste. Marie.
 Bedford, Mary, sail, 61 tons, 101 ft., (1888), Benj. Tett, Bedford Mills.
 Bee, bge., 82 tons, 94 ft., (1858), Amb. Bertrand, Vaudreuil, Que.
 Bel, sail, 87 tons, 91 ft., (1900), Joseph Myette, St. Anne de Sorel, Que.
 Belknap, sail, 46 tons, 81 ft., (1874), John Cooper, Chatham.
 Bell, Ida, sail, 97 tons, 87 ft., (1874), Jas. W. Wye, Kingsville.
 Bella, stm., 43 tons, 52 ft., (1900), J. L. MacDonald, Cross Point, Que.
 Bella, bge., 434 tons, 166 ft., (1870), Montreal Transp. Co., Ltd., Montreal, Que.
 Bella Donna, stm., 57 tons, 59 ft., (1910), Charles Ross, Port Maitland, Ont.
 Belle, stm., 51 tons, 68 ft., (1883), William Price, Quebec, Que.
 Belle (The), stm., 31 tons, 66 ft., (1899), Alexander Kennedy, Meaford, Ont.
 Belle of Temagami, stm., 169 tons, 100 ft., (1906), O'Connor Steamboat & Hotel Co., Ltd., Toronto, Ont.
 Bellechasse, stm., _____ tons, 142 ft., (1912), Dept. of Marine & Fisheries, Ottawa, Ont.
 Belleville, formerly Spartan, paddle stmtr., 1,233 tons, 200 ft., (1865 and 1905), Canada Steamship Lines, Ltd., Toronto, Ont.
 Benedict, E. G., sail, 155 tons, 104 ft., (1869), Thos. Lucas, Windsor.

- Benham, C. E., stm., 140 tons, 102 ft., (1865),
W. J. McMency, Bruce Mines.
Ben Lomond, bge., 45 tons, 50 ft., (1897), H.
J. Davis, Kenora, Ont.
Bernadette, sail, 28 tons, 44 ft., (1883), Mrs.
Lucy Boiley, Baie St. Paul, Que.
Berry, Hattie, stm., 42 tons, 68 ft., (1908),
William Berry, Port Stanley, Ont.
†Berthier, paddle stmr., 934 tons, 184 ft.,
(1870), Canada Steamship Lines, Ltd.,
Toronto, Ont.
Bessie B., stm., 53 tons, 60 ft., (1904), Jos.
E. Budreau, Rainy River.
Bessie M., stm., 44 tons, 69 ft., (1907),
James P. McDonald, Blind River, Ont.
Bethalma, stm., 113 tons, 110 ft., (1899), C. S.
Hyman, London, Ont.
Bethleem, bge., 129 tons, 97 ft., (1874-1904),
Mrs. Marie A. Beaudet, Deschailions, Que.
Bibeau, C., sail, 126 tons, 105 ft., (1891), T.
Beaudet, St. Jean, Deschailions, Que.
Bibeau, W., sail, 119 tons, 109 ft., (1903),
Wm. Bibeau, Notre Dame de Pierreville,
Que.
†Bickerdike, stm., 1,515 tons, 233 ft., (1873),
Canada Steamship Lines, Ltd., Toronto,
Ont.
Bienvenu, stm., 648 tons, 144 ft., (1875),
Zephirin Arpin, Lanoraie, Que.
Bill, stm., 2 tons, 21 ft., (1900), Manley Cross,
Gananoque.
Bird, stm., 280 tons, 132 ft., (1879 and 1900),
Kaïne & Bird Transp. Co., Ltd., Quebec,
Que.

- Bismarck, sail, 302 tons, 131 ft., (1871), Al-
phonse Desrosierre, Lanoraie, Que.
Blackburn, R. L., bge., 208 tons, 122 ft.,
(1907), Ottawa Transp. Co., Ltd., Otta-
wa, Ont.
Black Douglass, stm., 750 tons, 166 ft., (1883),
Carlaw & Smith, Belleville, Ont.
Blanche Alma, sail, 87 tons, 78 ft., (1890),
Joseph Simard, St. Anne de Monts, Que.
Blandford, stm., 65 tons, 67 ft., (1890),
Nazaire Letendre, Sorel, Que.
Blazier, J. S., stm., 89 tons, 80 ft., (1867-1892),
C. S. Boone, Toronto.
†Blue Bell, stm., 752 tons, 150 ft., (1906), The
Toronto Ferry Co., Ltd., Toronto, Ont.
Bluteau, G., sail, 39 tons, 64 ft., (1907),
Gregoire Bluteau, La Petite Riviere, St.
Francois Xavier, Que.
†Bobs, stm., 38 tons, 66 ft., (1900), The Tema-
gami Nav. Co., Ltd., Toronto, Ont.
Bolivia, bge., 310 tons, 140 ft., (1874), A.
Mondor and Joseph Bonin, Lanoraie, Que.
Bonaventure, E., bge., 111 tons, 100 ft.,
(1874), Oliver Paul, Sorel, Que.
Bon Ami, stm., 245 tons, 105 ft., (1902),
T. C. and L. D. Sims, Little Current, Ont.
Bonavista, stm., 1,306 tons, 240 ft., (1884),
Dominion Coal Co., Ltd., Montreal, Que.
Bonenfant, H., stm., 31 tons, 61 ft., (1893),
Alexandre Chatelain, L'Original, Ont.
Boone, C. A., stm., 44 tons, 63 ft., (1883),
Chas. S. Boone, Toronto.
Booth, J. F., stm., 90 tons, 75 ft., (1907),
John R. Booth, Ottawa, Ont.

Booth, C. J., stm., 86 tons, 15 ft., (1907),
 John R. Booth, Ottawa, Ont.
 Booth, Wm., stm., 46 tons, 67 ft., (1883),
 Henry Quinlan et al., Belleville, Ont.
 Bosphore, sail, 137 tons, 109 ft. (1890), No.
 Gervais, St. Michel, d'Yamaska, Que.
 Bothnia, stm., 883 tons, 178 ft., (1895), Montreal
 Transportation Co., Ltd., Montreal, Que.
 †Boucherville, paddle stm., 419 tons, 178 ft.,
 (1886), Canada Steamship Lines, Ltd.,
 Toronto, Ont.
 Bourgeois, stm., 94 tons, 108 ft. (1892), The
 Corporation of the City of Three Rivers,
 Que.
 Bowman, C. M., stm., 88 tons, 92 ft., (1897),
 C. M. Bowman and W. J. Strong, South-
 ampton.
 Bowman, A. F., stm., 113 tons, 76 ft., (1906),
 Canadian Towing & Wrecking Co., Ltd.,
 Port Arthur, Ont.
 Brant, stm., 49 tons, 55 ft., (1906), W. E.
 Phin, Welland, Ont.
 Breck, Marion L., sail, 298 tons, 127 ft., (1863),
 John McGibbon, Sarnia.
 Breton, sail, 47 tons, 68 ft., (1906), Zenon
 Castonguay, Riviere Blanche, Que.
 Bride, Minnie, sail, 93 tons, 74 ft. (1888),
 Henri Bellez, St. Simeon, Que.
 Brighton, sail, 607 tons, 180 ft. (1897), Mon-
 treal Trans. Co., Ltd., Montreal, Que.
 †Britannic, paddle stm, 428 tons, 150 ft. (1866-
 1892), Montreal & Cornwall Nav. Co., Ltd.,
 Cornwall, Ont.

British Lion, sail, 80 tons, 84 ft., (1883), James
 Moss, Dunnville.
 Briton, (The), formerly "S. & J. Collier," sail,
 146 tons, 106 ft., (1862), A. M. Palmatier,
 Picton.
 Brittain R. C., stm., 213 tons, 142 ft., (1877),
 Wm. Scott, Wallaceburg, Ont.
 Brockville, stm., 191 tons, 105 ft., (1898),
 Canada Steamship Lines, Ltd., Toronto,
 Ont.
 Brodeur, Demers, sail, 142 tons, 106 ft.
 (1882), D. Leroux, Vaudreuil, Que.
 Bronson, E. H., stm., 285 tons, 140 ft., (1895),
 Upper Ottawa Improvement Co., Ltd.,
 Ottawa, Ont.
 Bronson, H. F., stm., 137 tons, 91 ft., (1870),
 Montreal Transportation Co., Ltd, Mon-
 treal.
 Brooks, Le Roy, stm., 61 tons, 71 ft., (1891-
 1910), J. S. McQueen, Amherstburg, Ont.
 Brown, Gordon, stm., 33 tons, 69 ft., (1901),
 A. C. Brown, Port Stanley.
 Brown, R. H., sail, 51 tons, 63 ft., (1882),
 John Cadarette, Belle River.
 Brunette, bge., 163 tons, 108 ft., (1899), Ot-
 tawa Transp. Co., Ltd., Ottawa, Ont.
 Brydges, C. J., stm., 39 tons, 62 ft., (1874),
 Minister of Public Works, Ottawa.
 Buckingham, bge., 43 tons, 74 ft., (1893),
 Frank Ross, Quebec, Que.
 Buckley, James, sail, 442 tons, 160 ft., (1884),
 Jas. Buckley, Prescott.
 Buckley, W. P., stm., 27 tons, 45 ft., (1870),
 James Buckley, Prescott.

- Buell, A. A., sail, 146 tons, 108 ft., (1902),
Ottawa Transp. Co., Ltd., Ottawa, Ont.
Buffalo, sail, 88 tons, 104 ft., (1865), Abra-
ham H. Bradley, Dunnville.
Burma, sail, 885 tons, 183 ft., (1901), The
Calvin Co., Garden Island.
Burstall, J., bge., 191 tons, 110 ft., (1908),
Ottawa Transp. Co., Ltd., Ottawa, Ont.
Burton, F. H., sail, 137 tons, 103 ft., (1853),
John Hart et al., Picton, Ont.
Burwash, paddle stm., 45 tons, 68 ft., (1909),
McSachlin Bros., Ltd., Arnprior, Ont.
Butcher Boy, stm., 215 tons, 95 ft., (1879),
Victoria Harbour Lumber Co., Ltd., Vic-
toria Harbor.
†Butler, Bessie, stm., 77 tons, 78 ft., (1907),
Minister of Railways and Canals, Otta-
wa, Ont.
Butte de St. Anne, sail, 79 tons, 87 ft., (1881),
J. and D. Millette, Sorel, Que.
Byers, R. O., bge., 143 tons, 107 ft., (1881).
Thomas Gauthier, Montreal, Que.
- C**
C., sail, 31 tons, 80 ft., (1903), Canada Cor-
undum Co., Ltd., Toronto.
C. A., sail, 47 tons, 78 ft., (1887), E. Martelle,
Pierreville, Que.
C. A. B., stm., 30 tons, 55 ft., (1909), C. A.
Bernier, St. Joseph de Levis, Que.
C. J. B., sail, 51 tons, 67 ft., (1909), C. J.
Belanger, Escoumains, Que.
Cadeco, I., dredge, 336 tons, 82 ft., (1909),
Canadian General Development Co., Ltd.,
Montreal, Que.
- Cadeco No. 2, sail, 251 tons, 104 ft., (1910),
Canadian General Development Co., Ltd.,
Montreal, Que.
Cadeco No. 3, sail, 252 tons, 105 ft., (1910),
Canadian General Development Co., Ltd.,
Montreal, Que.
Cadeco No. 4, sail, 252 tons, 105 ft., (1910),
Canadian General Development Co., Ltd.,
Montreal, Que.
†Cadillac, stm., 1263 tons, 230 ft., (1892), Can-
ada Steamship Lines, Ltd., Toronto, Ont.
Cahoon, Thos. H., sch., 431 tons, 166 ft.,
(1881), Midland Transportation Co., Ltd.,
Midland, Ont.
†Calgarian, stm., — tons, 245 ft., (1912),
Canada Steamship Lines, Ltd., Toronto,
Ont.
Calkins, Bertie, sail, 239 tons, 134 ft., (1874),
William T. Simmons, Kingston, Ont.
Calla Lily, sail, 62 tons, 62 ft., (1890), Alfred
Mercier, Berthier, Que.
Calumet, sail, 154 tons, 111 ft., (1889), Ottawa
Trans. Co., Ltd., Ottawa.
Calvert, W. S., sail, 543 tons, 191 ft., (1874),
Sarnia, Toledo Trans. Co., Ltd., Toronto,
Ont.
Camille D., sail, 197 tons, 84 ft., (1904), Cie
Etienne Dussault, Levis, Que.
Canada, sail, 85 tons, 84 ft., (1907), D. B.
McCullum, Wallaceburg, Ont.
Canada, stm., 411 tons, 206 ft., (1904), Minis-
ter of Marine and Fisheries, Ottawa, Ont.
Canada, stm., 557 tons, 135 ft., (1872), J. S.
Nesbit, Sarnia.

Canada, No. 3, sail, 113 tons, 96 ft., (—),
 Canada Ice Co., Ltd., Toronto.
 Canada Atlantic Transfer, stmr., 619 tons, 171
 ft., (1884), Montreal Lighterage Co., Ltd.,
 Montreal, Que.
 Canadien, sail, 59 tons, 69 ft., (1875), Z.
 Marchand, Three Rivers, Que.
 Canadien, bge., 137 tons, 102 ft., (1881), Nar-
 cisse Paul, Sorel, Que.
 Canadienne, sail, 113 tons, 102 ft., (1875), Jean
 L. Rondeau, Lanoraie, Que.
 Canton, sail, 304 tons, 142 ft., (1873), Jas. W.
 Maitland, Owen Sound.
 Cap-a-la-Roche, sail, 98 tons, 96 ft., (1905),
 Andre Laroche, St. Jean, Deschailions,
 Que.
 Capital, bge., 178 tons, 79 ft., (1905), A.
 Marchildon et al., Three Rivers, Que.
 Captain Jim, stmr., 58 tons, 78 ft., (1902), Do-
 minion Fish Co., Winnipeg, Man.
 Cardinal, formerly Mayflower, stmr., 237 tons,
 121 ft., (1875), Edwardsburg Starch Co.,
 Ltd., Montreal, Que.
 Caribou, stmr., 597 tons, 144 ft., (1904), Do-
 minion Fish Co., Ltd., Winnipeg, Man.
 Carlotta, stmr., 114 tons, 87 ft., (1908), James
 Playfair, Midland, Ont.
 Carman, stmr., 56 tons, 90 ft., (1889), T. S.
 Carman, Belleville.
 Carmel, C., stmr., 49 tons, 37 ft., (1900), Wil-
 liam C. Kirtwell, Kingston, Ont.
 Carmilia, stmr., 63 tons, 66 ft., (1902), Min-
 ister of Public Wks., Ottawa.
 Carolina, stmr., 44 tons, 69 ft., (1897), Louis
 Dugre, Three Rivers, Que.

Cartier, bge., 109 tons, 93 ft., (1873), Jos.
 J. Laberte, St. Jean Deschailions, Que.
 Carveth, Flora, sail, 190 tons, 115 ft., (1873),
 John McLellan, Bowmanville.
 †Cascapedia, stmr., 1849 tons, 245 ft., (1895),
 Canada Steamship Lines, Ltd., Toronto,
 Ont.
 Casey, Lyman, sail, 277 tons, 126 ft., (1867),
 D. A. Gordon, Wallaceburg, Ont.
 †Caspian, paddle stmr., 957 tons, 177 ft., (1846),
 Canada Steamship Lines, Ltd., Toronto,
 Ont.
 †Castor, stmr., 88 tons, 66 ft., (1907), Upper
 Ottawa Improvement Co., Ltd., Ottawa,
 Ont.
 Castor, sail, 31 tons, 55 ft., (1894), J. Singe-
 laise, Mille Vaches, Que.
 Cataract, sail, 193 tons, 105 ft., (1874), F.
 McGibbon, Sarnia.
 Cataract, stmr., 957 tons, 175 ft., (1882),
 Myles Transp. Co., Ltd., Hamilton, Ont.
 Catherine S., stmr., 67 tons, 66 ft., (1896), John
 Short, Kenora, Ont.
 †Cayuga, stmr., 2,196 tons, 305 ft., (1907), Can-
 ada Steamship Lines, Ltd., Toronto, Ont.
 Celina, scw., 39 tons, 69 ft., (1884), P. For-
 tier, Detroit, Mich., U. S. A.
 Centennial, sail, 66 tons, 81 ft., (1876), H. O.
 Brown, Welland.
 Central City, dge., 157 tons, 79 ft., (1905),
 Lyon Cohen, Montreal, Que.
 Ceres, scw., 69 tons, 78 ft., (1875), Montreal
 Transp. Co., Ltd., Montreal, Que.

Ceylon, sail, 908 tons, 205 ft., (1891), The Cal-
vin Co., Ltd., Garden Island.
Chaffey, stm., 42 tons, 59 ft., (1875), Alex Le-
Duc, St. Thomas d'Alfred, Que.
Challenger, stm., 108 tons, 89 ft., (1886), Min-
ister of Agriculture, Ottawa, Ont.
Chamberlain, C. W. stm., 385 tons, 127 ft.,
(1881), Midland Transportation Co., Mid-
land, Ont.
†Chambly, barge, 218 tons, 154 ft., (1871), Em-
pire Refining Co., Ltd., Wallaceburg, Ont.
Champion, sail, 50 tons, 66 ft., (1872), Michael
P. Thibert, Belle River.
†Champion, 482 tons, 143 ft., (1897), La Cie
Maritime et Industrielle de Lewis, Lewis,
Que.
Champion, paddle stmtr., 142 tons, 94 ft.,
(1868), Geo. Crandell, Lindsay.
Champion, stm., 42 tons, 69 ft., (1904), Thos.
W. Wood, Orillia, Ont.
Championess, scw., 263 tons, 120 ft., (1902),
Dominion Barging Co., Ltd., Lachine, Que.
ChAMPLAIN, stm., 522 tons, 120 ft., (1904),
Minister of Marine and Fisheries, Ottawa.
Chapeau, sail, 42 tons, 63 ft., (1889), W. J.
Poupore, Westmount, Que.
Charlemagne, stm., 76 tons, 87 ft., (1891),
Charlemagne & Lac Ouareau Lumber Co.,
Ltd., Montreal, Que.
Charlie M., stm., 50 tons, 54 ft., (1897), The
Muskoka Lakes Nav. & Hotel Co., Ltd.,
Toronto.
Charlotte, stm., 59 tons, 68 ft. (1870), Thos.
Gauthier, Montreal, Que.

Charlotte, bge., 154 tons, 133 ft. (1888),
Joseph Wilson, Montreal, Que.
Charlton, stm., 389 tons, 135 ft., (1862), Victoria
Harbor Lumber Co., Ltd., Victoria Harbor.
†Chateaugay, stm., 222 tons, 134 ft., (1894),
The Chateaugay & Beauharnois Nav. Co.,
Chateaugay Basin, Que.
Chaudiere, bge., 72 tons, 66 ft. (1896),
French River & Nipissing Nav. Co., Ltd.,
Sturgeon Falls, Ont.
†Cherokee, stm., 328 tons, 120 ft. (1907),
Muskoka Lakes Navigation & Hotel Co.,
Ltd., Toronto, Ont.
Cherokee, sail, 365 tons, 151 ft. Alfonse
Desrosiere, Lanoraie, Que.
Cherry, bge., 98 tons, 111 ft. (1878), F. X.
Bertrand, Rigaud, Que.
Chevoux, bge., 27 tons, 52 ft. (1902), Up-
per Ottawa Improvement Co., Ltd., Ot-
tawa, Ont.
Chiblow, bge., 79 tons, 83 ft. (1903), Blind
River Transp. Co., Ltd., Blind River,
Ont.
Chicago, bge., 350 tons, 146 ft. (1872), Mon-
treal Transp. Co., Ltd., Montreal, Que.
Chicora, paddle stmtr., 931 tons, 221 ft., (1864)
Canada Steamship Lines, Ltd., Toronto,
Ont.
Chicotimi, formerly Saguenay, paddle stmtr., 992
tons, 219 ft., (1891), Richelieu & Ont.
Nav. Co., Montreal.
Chief, dr'ge., 269 tons, 80 ft., (1903), W. E.
Phin, Welland, Ont.

Chieftain, stm., 40 tons, 52 ft., (1889), F. W. Coates, Fort Frances.
 Chifetain III., stm., 355 tons, 142 ft., (1906), Calvin Co., Ltd., Garden Island, Ont.
 †Chippewa, paddle stm., 1514 tons, 308 ft., (1893), Canada Steamship Lines, Ltd., Toronto, Ont.
 †Christine, stm., 140 tons, 126 ft., (1881), Minister of Customs, Ottawa, Ont.
 Churchill, stm., (formerly Harrison), 150 tons, 110 ft., (1864), E. J. Harrison, Owen Sound, Ont.
 Cincinnati, sail, 162 tons, 55 ft., (1895), Benj. A. Patterson, et al., Oakville.
 Cingalee, stm., 59 tons, 65 ft., (1905), Minister of Public Works, Ottawa, Ont.
 Cisco, stm., 42 tons, 72 ft., (1910), N. S. Cornell, Port Stanley, Ont.
 City Dredge No. 2, 233 tons, 90 ft., (1906), Corporation of the City of Toronto, Ont.
 City Dredge No. 3, 306 tons, 110 ft., (1908), Corporation of the City of Toronto, Ont.
 City of Bala, stm., 74 tons, 76 ft., (1901), Huntsville & Bracebridge Tanning Co., Ltd., Huntsville.
 City of Belleville, stm., 101 tons, 89 ft., (1878), Can. Pacific Car & Passenger Transfer Co., Ltd., Prescott.
 City of Chatham, stm., 362 tons, 125 ft., (1888), St. Joe Isld. & Sault Line, Ltd., Sault Ste. Marie, Ont.
 City of Dresden, stm., 194 tons, 93 ft., (1872), Chas. D. Shirley, Blenheim.

†City of Hamilton (formerly Japan), stm., 1,574 tons, 220 ft., (1871), Canada Steamship Lines, Ltd., Toronto, Ont.
 City of Haileybury, stm., 38 tons, 67 ft., (1908), Temaskaming Nav. Co., Ltd., Haileybury, Ont.
 City of Ladysmith, paddle stm., 35 tons, 69 ft., (1909), Chas. Ross, Port Maitland.
 City of London, stm., 516 tons, 120 ft., (1888 and 1892), H. M. Connolly, Montreal, Que.
 City of Meaford, stm., 328 tons, 111 ft., (1906), J. F. and E. Perks, J. O., Meaford, Ont.
 City of Midland, stm., 974 tons, 176 ft., (1890), Northern Nav. Co. of Ont., Ltd., Collingwood.
 †City of Montreal (formerly China), stm., 1554 tons, 220 ft., (1871), Montreal & Lake Erie S. S. Co., Ltd., Toronto, Ont.
 City of Mount Clemens, stm., 102 tons, 95 ft., (1880), Jas. W. Steinhoff, Wallaceburg.
 City of New York, stm., 292 tons, 136 ft., (1863), Geo. Plunkett, et al., Cobourg, Ont.
 †City of Ottawa, formerly India, stm., 1,529 tons, 220 ft., (1871), Canada Steamship Lines, Ltd., Toronto, Ont.
 City of Toronto, paddle stm., 782 tons, 150 ft., (1895), Mrs. Jane Gillespie, Cornwall, Ont.
 City of Windsor, stm., 511 tons, 117 ft., (1883), D. L. McKinnon, Sudbury.
 City Queen, stm., 69 tons, 70 ft., (1900), A. L. Nickerson and C. T. Nickerson, J. O. Midland, Ont.

Clairville, bge., 84 tons, 95 ft., (1870), F.
 Dussault, St. Jean Deschailons, Que.
 Clam Shell, dge., 62 tons, 80 ft., (1887), F.
 B. McNamee, Montreal, Que.
 Clara L., sail, 45 tons, 75 ft., (1885), Wm.
 Hand, Port Dalhousie.
 Clark Bros., stm., 92 tons, 80 ft., (1890-1901),
 Lawrence Solman, Toronto, Ont.
 Clark, Minnie, A., stm., 36 tons, 69 ft., (1903),
 Dominion Fish Co., Ltd., Winnipeg, Man.
 Clarke, bge., 145 tons, 108 ft., (1881), Otta-
 wa Transp. Co., Ltd., Ottawa, Ont.
 Clarke, Alfred, stm., 229 tons, 110 ft., (1887),
 Pelee & Lake Erie Nav. Co., Ltd., Pelee
 Isld., Ont.
 †Cleopatra, stm., 104 tons, 113 ft., (1893), A.
 E. Gooderham, Toronto, Ont.
 Cleveland, scw., 328 tons, 138 ft., (1872),
 Montreal Transp. Co., Ltd., Montreal, Que.
 Cliffside, stm., 68 tons, 70 ft., (1909), The
 Minister of Public Works, Ottawa, Ont.
 †Clipper, stm., 53 tons, 69 ft., (1897), C. G.
 Pennock et al., Kenora, Ont.
 Clipper, stm., 46 tons, 62 ft., (1903), The Sa-
 ble & Spanish Boom & Slide Co. of Al-
 goma, Ltd., Spanish River, Ont.
 Clorita, sail, 44 tons, 64 ft., (1898), Geo. H.
 Gooderham, Toronto.
 Clucas, stm., 28 tons, 60 ft., (1882), Dominion
 Fish Co., Ltd., Winnipeg, Man.
 C. M. G. P., sail 46 tons, 59 ft., (1882), Jos-
 eph Boudrault, Anse St. Jean, Que.
 †Collingwood, stm., 4,529 tons, 386 ft., (1907),
 Farrar Trans. Co., Ltd., Collingwood, Ont.

Collop, T. J., paddle stm., 63 tons, 58 ft.,
 (1894), H. McMillan and J. Grimes, Sault
 Ste. Marie, Ont.
 †Colomb, stm., 559 tons, 120 ft., (1910), Levis
 Ferry, Ltd., Levis, Que.
 Colombe, C., bge., 142 tons, 106 ft., (1872),
 Geon Goyer, Montreal, Que.
 Colonial, stm., 47 tons, 52 ft., (1906), Colonial
 Lumber Co., Ltd., Pembroke, Ont.
 Columbia, sail, 84 tons, 101 ft., (1885), Benj.
 Tett, Bedford Mills.
 Commodore, stm., 40 tons, 59 ft., (1885), Jos.
 Ganley, Sault Ste. Marie.
 Commodore, paddle stm., 175 tons, 96 ft.,
 (1867), Geo. Crandell, Lindsay.
 Commodore Jarvis, stm., 287 tons, 109 ft.,
 (1903), Sand & Dredging Co., Ltd., To-
 ronto.
 Como, stm., 75 tons, 95 ft., (1875), La Fer-
 riere Lumber Co., Ltd., Montreal, Que.
 Condor, sail, 567 tons, 180 ft., (1888), The
 Montreal Trans. Co., Ltd., Montreal, Que.
 Congercoal, stm., 672 tons, 164 ft., (1882),
 Conger Coal Co., Ltd., Toronto, Ont.
 †Conqueror, stm., 199 tons, 136 ft., (1865),
 Frank Ross, Quebec, Que.
 Constance, stm., 185 tons, 115 ft., (1891), The
 Minister of Customs, Ottawa.
 Constance, stm., 52 tons, 82 ft., (1898), J.
 L. Fenn et al., Bracebridge, Ont.
 Contest, stm., 274 tons, 132 ft., (1872 and
 1895), Julien Chabot, Levis, Que.
 †Contrecoeur, stm., 174 tons, 83 ft., (1910),
 Minister of Marine & Fisheries, Ottawa.

- Cook, A. B., stm., 34 tons, 54 ft., (1885),
 Robert Weddell, Trenton, Ont.
 Coral, sail, 26 tons, 47 ft., (1874), H. R.
 Fowler and W. J. Kibbell, Port Credit,
 Ont.
 Cormier, P., bge., 142 tons, 105 ft., (1884),
 Mrs. Jeanne C. Cormier, Sorel, Que.
 Corn Crib, bge., 296 tons, 132 ft., (1868), Al-
 phonse Desrosier, Lanoraie, Que.
 †Cornwall, stm., 914 tons, 175 ft., (1874),
 Richelieu & Ontario Nav. Co., Ltd., Mon-
 treal, Que.
 Cornwall, bge., 586 tons, 179 ft., (1890),
 Montreal Transp. Co., Ltd., Montreal, Que.
 †Corona, paddle stm., 1,274 tons, 270 ft.,
 (1896), Canada Steamship Lines, Ltd.,
 Toronto, Ont.
 †Corona, stm. (See Paipoonge).
 Coteau (formerly Belle), sail, 411 tons, 157 ft.,
 (1897-1910), Montreal Transportation Co.,
 Ltd., Montreal, Que.
 Courageux, sail, 37 tons, 59 ft. (1895),
 Jacques Saingelais, Les Escoumains, Que.
 Cox, R. M., sail, 168 tons, 112 ft., (1904), Ot-
 tawa Transportation Co., Ltd., Ottawa.
 C. P. R., bge., 116 tons, 106 ft. (1892), An-
 selm Verville, St. Francois du Lac, Que.
 Craftsman, sail, 65 tons, 99 ft., (1883), Mid-
 land Transportation Co., Ltd., Midland,
 Ont.
 Craig, Annie, stm., 80 tons, 78 ft., (1879 and
 1880), Eugene O'Keefe, Toronto.
 †Crawford, stm., 50 tons, 86 ft., (1905), W. M.
 Tyson, Warton, Ont.
- Crawford, A. V., stm., 51 tons, 72 ft., (1891),
 Mrs. Ella B. Boone, Toronto, Ont.
 Crane, Willard, bge., 155 tons 110 ft. (1887),
 Ottawa Transp. Co., Ltd., Ottawa, Ont.
 Crombie, W. A., bge., 155 tons, 110 ft.
 (1887), Ottawa Transp. Co., Ltd., Otta-
 wa, Ont.
 Cronan, D., sail, 40 tons, 52 ft. (1870), An-
 selme Levasseur, Cacouna, Que.
 Cross, A. D., stm., 47 tons, 49 ft. (1897),
 William E. Phin, Welland, Ont.
 Crow, D. W., stm., 31 tons, 63 ft., (1902),
 H. E. Crow, Chatham, Ont.
 †Crowe, G. R., stm., 2940 tons, 331 ft., (1907-
 1910), St. Lawrence & Chicago Steam Nav.
 Co., Ltd., Toronto, Ont.
 Cruiser, stm., 86 tons, 87 ft., (1887), John B.
 Miller, Toronto, Ont.
 Cruiser, stm., 27 tons, 39 ft. (1880 and
 1898), Keewatin Lumber Co., Ltd., Keewa-
 tin, Ont.
 Cuba, sail, 386 tons, 168 ft., (1875), Alphonse
 Labrecque, Lanoraie, Que.
 Cultivateur, sail, 79 tons, 91 ft. (1875), J.
 Marchildon, St. Pierre les Becquets, Que.
 Curlew, stm., 85 tons, 77 ft., (1896, 1903 and
 1907), Great Lakes Dredging Co., Ltd.,
 Port Arthur, Ont.
 Curtis, H. C., stm., 36 tons, 52 ft., (1878), W.
 H. Davis, Ottawa.
 Cuthbert, Annie, sail, 36 tons, 55 ft., (1874),
 Alex. Cuthbert, Cobourg.

- Cuyler, Geo. W., stm., 56 tons, 64 ft., (1880),
B. H. Turner, Little Current.
Cynthia, stm., 35 tons, 60 ft. (1897), Dominion Fish Co., Ltd., Winnipeg, Man.
Cyrénian, sail, 376 tons, 135 ft., (1879), Geo. E. Smith, Southampton, Ont.
- D**
- D., scw., 196 tons, 115 ft. (1868), George D., Hurteau, Valleyfield, Que.
D. and G., stm., 41 tons, 58 ft., (1909), George Jones, Port Maitland, Ont.
D5, dredge, 210 tons, 85 ft., (1897), Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
D30, sail, 147 tons, 70 ft., (1897), Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
D32, sail, 231 tons, 90 ft., (1897), Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
Dakota, sail, 516 tons, 170 ft., (1885), The Montreal Trans. Co., Ltd., Montreal, Que.
†Dalhausie City, stm., — tons, 180 ft. (1911), Niagara, St. Catharines and Toronto Nav. Co., St. Catharines, Ont.
Daly, Sarah, stm., 25 tons, 49 ft., (1869), John Jesmer, Sr., Cornwall.
Dan, bge., 100 tons, 93 ft. (1869), L. Delisle, Valleyfield, Que.
Dandy, stm., 77 tons, 72 ft. (1905), J. Lari-viere, St. Anne de Bellevue, Que.
Dandy, sail, 40 tons, 80 ft., (1894), Capital Sand & Brick Co., Ltd., Ottawa.
- Daneau, E., sail, 127 tons, 109 ft. (1908), Emmauel Daneau, Pierreville, Que.
Darling, Grace, stm., 28 tons, 50 ft., (1886-1897), A. J. Shaw, Parry Sound.
Darrow, sail, 91 tons, 49 ft., (1897), David Davidson, Penetanguishene.
Dauntless, sail, 156 tons, 105 ft., (1867), M. J. Glass, Sarnia.
Davidson, Fred, stm., 43 tons, 62 ft., (1887), Chas. L. D. Sims, Little Current.
Davie, sail, 81 tons, 46 ft., (1896), David Davidson, Penetanguishene.
Davie, George T., bge., 680 tons, 177 ft. (1898), Montreal Transp. Co., Ltd., Montreal, Que.
†Davis, Wm., stm., 40 tons, 63 ft. (1897), Michael McAuliff et al., Welland, Ont.
Davison, Alfred R., bge., 99 tons, 97 ft. (1885), Amedee Mallett, Rigaud, Que.
Davitt, Michael, tug, 28 tons, 52 ft. (1885), Hector M. Connolly, Montreal, Que.
Day, John, sail, 133 tons, 106 ft. (1870), Flavien Morin, Champlain, Que.
DeChamplain, bge., 122 tons, 100 ft. (1897), Louis Gauthier, St. Irene, Que.
Defiance, sail, 89 tons, 102 ft., (1859), R. McLaren, St. Catharines.
Defiance, sail, 26 tons, 49 ft., (1845), C. McCrancy, Toronto.
Delta, bge., 91 tons, 95 ft. (1873), A. Mallette, Lachine, Que.
Delisle, stm., 46 tons, 62 ft., (1869), Minister of Public Works, Ottawa.
Delphis, sail, 91 tons, 93 ft. (1890), D. Chausse, Lanoraie, Que.

Diver, J. M., stm., 48 tons, 67 ft. (1904), Reid Wrecking Co., Ltd., Sarnia, Ont.
 Dixie, sail, 97 tons, 50 ft., (1898), David Davidson, Penetanguishene.
 Dobell, W. M., bge., 196 tons, 121 ft. (1906), Ottawa Transp. Co., Ltd., Ottawa, Ont.
 Dobson, R. H., stm., 44 tons, 75 ft., (1902), Dobson & McLeod, Southampton.
 Dollard, stm., — tons, 180 ft., (1912), Dept. of Marine & Fisheries, Ottawa, Ont.
 Dollard, sail, 89 tons, 101 ft. (1892), Calixte Daneau, Notre Dame de Pierreville, Que.
 Dolphin, stm., 70 tons, 74 ft., (1881), Ottawa Transportation Co., Ltd., Ottawa.
 Dolphin, sail, 71 tons, 46 ft. (1880), David Davidson, Penetanguishene.
 †Dombrio No. 1, scw., 352 tons, 123 ft., (1908), Dominion Barging Co., Ltd., Lachine, Que.
 †Dombrio No. 2, scw., 323 tons, 87 ft., (1909), Dominion Barging Co., Ltd., Lachine, Que.
 †Dombrio No. 3, scw., 183 tons, 100 ft., (1910), Dominion Barging Co., Ltd., Lachine, Que.
 †Dombrio No. 4, scw., 183 tons, 100 ft., (1910), Dominion Barging Co., Ltd., Lachine, Que.
 Dominion, dge., 951 tons, 114 ft. (1905), Great Lakes Dredging Co., Port Arthur, Ont.
 Dominion, paddle stmr., 46 tons, 79 ft., (1884), Francis Burke, Lindsay.
 Don, sail, 86 tons, 45 ft. (1883), David Davidson, Penetanguishene.
 Donaldson, B., sail, 162 tons, 111 ft., (1881), John O'Toole, Ottawa, Ont.

Delta, sail, 74 tons, 47 ft., (1898), David Davidson, Penetanguishene.
 Delver No. 1, dge., 305 tons, 100 ft. (1908), Dominion Dredging Co., Ltd., Ottawa, Ont.
 Demerai, L. T., sail, 135 tons, 110 ft. (1907), L. T. Demerai, St. Francois du Lac, Que.
 Demers, Alfred, sail, 131 tons, 105 ft., (1878), Minister of Public Works, Ottawa.
 Demers, Eugene, sail, 159 tons, 100 ft. (1881), C. Labrecque, Lanoraie, Que.
 Denisa, stm., 38 tons, 55 ft., (1905), Cie Etienne Dussault, Lewis, Que.
 Derbyshire, Senator, stm., 1246 tons, 220 ft., (1897), Capt. A. Robineau, 160 B Marquette, Montreal, Que.
 Derrick scow No. 1, 110 tons, 94 ft. (1906), Montreal Sand & Gravel Co., Ltd., Montreal, Que.
 Detroit, bge., 350 tons, 150 ft. (1873), Montreal Transp. Co., Ltd., Montreal, Que.
 Deux Freres, bge., 102 tons, 99 ft. (1872), D. Lacourciere, Batiscan, Que.
 Diamond, bge., 381 tons, 139 ft. (1899), Quebec Transp. & Forwarding Co., Ltd., Quebec, Que.
 Dick, stm., 42 tons, 71 ft. (1906), Price Bros. & Co., Ltd., Quebec, Que.
 Dina, Edouard, sail, 50 tons, 78 ft. (1899), Adrien Leveillé, St. Michel d'Yamaska, Que.
 Diver, stm., 86 tons, 72 ft. (1869), Pierre Begin, Quebec, Que.

- †Donnacona, stm., 1906 tons, 245 ft., (1900),
Canada Steamship Lines, Ltd., Toronto,
Ont.
- Donnelly, paddle stm., 319 tons, 142 ft.,
(1863), Donnelly Salvage & Wkg. Co.,
Ltd., Kingston.
- Doone, Lorna, stm., 26 tons, 61 ft., (1896),
Mrs. Carrie E. Pratt, Parry Sound.
- Dora, stm., 48 tons, 61 ft., (1889), Minister
of Public Wks., Ottawa.
- Dorchester, bge., 375 tons, 148 ft., (1878),
Montreal Transp. Co., Ltd., Montreal, Que.
- Doric, formerly Tadousac, stm., 2,359 tons,
260 ft., (1903), Canada Steamship Lines,
Ltd., Toronto, Ont.
- Dorilda, sail, 68 tons, 82 ft., (1910), M. P.
Tremblay, Petite Riviere, St. Francois,
Que.
- Doris, bge., 186 tons, 109 ft., (1893), Adolf
Lomer, Montreal, Que.
- Douglas, Geo., stm., 42 tons, 56 ft., (1880),
James Cannon, Owen Sound.
- Downey, Robert, stm., 37 tons, 58 ft., (1893),
Chas. S. Boone, Toronto, Ont.
- Dragon Rogue, dge., 203 tons, 86 ft., (1908),
Frank Simpson, Toronto, Ont.
- Dredge Frank, sail, 154 tons, 78 ft., (1892), A.
F. Bowman, Southampton.
- Dredge Hackett, sail, 50 tons, 62 ft., (1897),
C. M. Bowman, et al., Southampton.
- Dredge Holland, sail, 230 tons, 64 ft., (1906),
Gideon Kastner et al., Warton, Ont.
- Dredge No. 1, sail, 176 tons, 65 ft., (1903),
Great Lakes Dredging Co., Ltd., Port
Arthur, Ont.
- Dredge No. 2, sail, 247 tons, 84 ft., (—),
Dominion Dredging Co., Ltd., Ottawa,
Ont.
- Dredge, No. 3, sail, 108 tons, 75 ft., (1872),
Erie & Ontario Dredging Co., Ltd.,
Welland, Ont.
- Dredge, No. 3, sail, 186 tons, 76 ft., (1902),
Dominion Dredging Co., Ltd., Ottawa, Ont.
- Dredge No. 4, sail, 436 tons, 90 ft., (1899),
Harbor Commissioner, Montreal, Que.
- Dredge No. 5, sail, 174 tons, 76 ft., (1896), W. H.
Plummer, Sault Ste. Marie.
- Dredge No. 6, sail, 313 tons, 90 ft. (1891),
Great Lakes Dredging Co., Ltd., Port
Arthur, Ont.
- Dredge No. 7, sail, 235 tons, 98 ft. (—),
Robert Weddell, Trenton, Ont.
- Dredge No. 8, sail, 415 tons, 96 ft. (1888),
Great Lakes Dredging Co., Ltd., Port
Arthur, Ont.
- Dredge No. 8, sail, 187 tons, 82 ft., (1894), W. H.
Plummer, Sault Ste. Marie.
- Dredge No. 9, sail, 127 tons, 71 ft. (—),
Owen Sound Dredge & Cons. Co., Ltd.,
Owen Sound, Ont.
- Dredge No. 10, sail, 354 tons, 92 ft., (1889),
C. S. Boone, Toronto, Ont.
- Dredge No. 14, sail, 352 tons, 100 ft., (1891),
The C. S. Boone Dredging & Construc-
tion Co., Ltd., Toronto, Ont.
- Dredge No. 15, sail, 174 tons, 100 ft. (1891),
A. F. Bowman et al., Southampton, Ont.

- Dredge Simcoe, sail, 136 tons, 80 ft. (1901), Randolph McDonald Co., Ltd., Toronto, Ont.
- Drill boat No. 1, sail, 44 tons, 50 ft., (1909), The Randolph MacDonald Co., Ltd., Toronto, Ont.
- Drummond, Belle, 30 tons, 56 ft. (1894), Mrs. Arabella D. Drummond, Radnor Forges, Que.
- †Drummond, Thos. J., stm., 2201 tons, 247 ft., (1910), Algona Central & H. B. Ry., Sault Ste. Marie, Ont.
- D. T., sail, 75 tons, 75 ft. (1900), Adeland Belley, St. Simeon, Que.
- †Duchess of York, stm., 490 tons, 156 ft., (1895), King Edward Park Co., Montreal, Que.
- Dudley, Joe, stm., 52 tons, 70 ft., (1865), Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
- Duke of York, dredge, 144 tons, 74 ft.; (1903), W. J. Poupore, Montreal, Que.
- Dun, Donald, sail, 64 tons, 64 ft. (1904), French River & Nipissing Nav. Co., Ltd., Sturgeon Falls, Ont.
- Dunbar, C. F., stm., 33 tons, 47 ft., (1871), James Prendergast, Cornwall.
- †Dundee, stm., 2,278 tons, 250 ft., (1906), Canada Steamship Lines, Ltd., Toronto, Ont.
- Dundee, sail, 262 tons, 125 ft. (1870), Joseph H. Smith, Belleville, Ont.
- Dundurn, stm., 1120 tons, 190 ft., (1882), Canada Steamship Lines, Ltd., Toronto, Ont.
- Dunmore, sail, 590 tons, 182 ft. (1895), Montreal Transportation Co., Ltd., Montreal.
- Dunn, Stuart H., sail, 458 tons, 164 ft., (1877-1889), Triffle Rondeau, Lanoraie, Que.
- Dunscomb, J. W., sail, 98 tons, 90 ft., (1871), Government of Canada, Ottawa.
- †Dupre, F., stm., 114 tons, 73 ft., (1904), Sincennes McNaughton Line, Ltd., Montreal, Que.
- Dyment, N., stm., 59 tons, 73 ft., (1900), N. Dymont, Barrie.

E

- Eagle, bge., 316 tons, 136 ft., (1872), Montreal Transp. Co., Ltd., Montreal, Que.
- Eccles, Katie, sail, 122 tons, 95 ft., (1877), Chas. J. McCallum, Port Colborne, Ont.
- Eddy, Lulu, stm., 29 tons, 51 ft., (1888), J. Ganley, Sault Ste. Marie, Ont.
- Edith, sail, 353 tons, 130 ft., (1897), The Canada Sugar Refining Co., Ltd., Montreal, Que.
- Edmond, stm., 39 tons, 56 ft., (1879), B. Tett, Bedford Mills.
- Edmond, sail, 68 tons, 75 ft., (1906), E. Perusse, Seclercville, Lotbiniere, Que.
- Edna, sail, 369 tons, 129 ft., (1897), W. J. Carbray, Quebec, Que.
- Edna, stm., 55 tons, 64 ft., (1898), Mrs. Carrie E. Pratt, Parry Sound.
- Edward, bge., 30 tons, 68 ft., (1889), George Bothwell, Buckingham, Que.
- Edward Alfred, stm., 139 tons, 85 ft., (1910), La Cie General du Port de Chicoutimi, Que.

- Edwards Bros., No. 2 dredge, 237 tons, 70 ft., (1896), J. Stevenson, Sault Ste. Marie, Ont.
- Edwards Bros., No. 3, dge., 202 tons, 63 ft., (1902), Jacob Stevenson, Sault Ste. Marie, Ont.
- Edwards, G. C., bge., 191 tons, 120 ft., (1908), Ottawa Transp. Co., Ltd., Ottawa, Ont.
- Edwidge, sail, 173 tons, 107 ft., (1894), Jos. Daneau, Pierreville, Que.
- Effe Maud, sail, 66 tons, 68 ft., (1879), Joseph Guimont, Matane, Que.
- Eleanor, stm., 26 tons, 56 ft., (1895), Frank Ross, Port Maitland, Ont.
- Electric, stm., 49 tons, 69 ft., (1887), John J. Wright, Toronto.
- Elevator Dredge Premier, sail, 177 tons, 86 ft., (1905), Harbour Commissioners, Montreal, Que.
- Elgin E., stm., 66 tons, 75 ft. (1908), Clare Thorn, Port Stanley, Ont.
- Elisa, bge., 81 tons, 83 ft. (1875), Gedeon Goyer, Montreal, Que.
- Elise, sail, 321 tons, 130 ft. (1894), J. Abbotts, Montreal, Que.
- Eliza, sail, 117 tons, 107 ft. (1873), Pacific Plante, Sorel, Que.
- Elizabeth, sail, 27 tons, 50 ft. (1869), J. Caron, Macnider, Que.
- Ella M., dge., 384 tons, 101 ft. (1904), M. J. Hogan, Montreal, Que.
- Ella Mary, stm., 42 tons, 66 ft., (1910), Polson Iron Works, Ltd., Toronto, Ont.
- Elmire, sail, 49 tons, 58 ft. (1883), Louis Lesnard, Quebec, Que.
- Else, J. C., paddle stm., 33 tons, 44 ft., (1893), Georgian Bay Lumber Co., Ltd., Wau-
baushene.
- Elsie, stm., 48 tons, 69 ft., (1906), A. Clark, Ltd., Toronto, Ont.
- Elzear, sail, 82 tons, 86 ft. (1902), Delphis Millette, Sorel, Que.
- Elsie M., stm., 28 tons, 54 ft. (1908), Donald McInnes, Meaford, Ont.
- Elswood, stm., 39 tons, 49 ft. (1865), Neal Macdonald, Montreal, Que.
- Emelia, sail, 25 tons, 44 ft. (1880), David Toussaint, St. Jean, Port Joli, Que.
- Emelia, sail, 47 tons, 64 ft. (1864), Eugene Singelet, Les Escoumains, Que.
- Emerald, sail, 322 tons, 139 ft. (1872), F. McMasters, Deseronto, Ont.
- Emerald, formerly Garnet, stm., 385 tons, 140 ft., (1903), Montreal & Cornwall Nav. Co., Ltd., Cornwall, Ont.
- Emerillon, sail, 84 tons, 90 ft. (1894), A. Gervais, St. Michel d'Yamaska, Que.
- †Emerson, stm., 276 tons, 108 ft. (1903), Montreal Transp. Co., Ltd., Montreal, Que.
- Emerson, George, stm., 31 tons, 61 ft. (1888) Thomas Ganley, Sault Ste. Marie, Ont.
- Emerson, W. J., stm., 28 tons, 66 ft. (1900), Dominion Fish Co., Ltd., Winnipeg,
Man.

- Emery, bge., 97 tons, 99 ft. (1884), F. Paul, St. Pierre de Sorel, Que.
 Emily, sail, 29 tons, 62 ft., (1890), E. Parent, Belle River.
 Emily May, stm., 30 tons, 59 ft., (1906), M. McInnes, Meaford, Ont.
 Emma, stm., 146 tons, 89 ft., (1894-1901), Mrs. Carrie E. Pratt, Parry Sound.
 Emma, bge., 81 tons, 88 ft. (1864), Moise Lamirande, St. Thomas, Que.
 Emma, sail, 99 tons, 96 ft. (1883), P. St. Denis, Lachine, Que.
 Emma, sail, 53 tons, 62 ft. (1900), Charles Gagnon, St. Simcoon, Que.
 Emma G., stm., 29 tons, 39 ft., (1900), Gilmour & Hughson, Ltd., Ottawa, Ont.
 Emma L., stm., 56 tons, 68 ft., (1903), Simcenes McNaughton Line, Ltd., Montreal, Que.
 Emma Mac, stm., 57 tons, 78 ft., (1910), John Lumsden, Ottawa, Ont.
 Emmet, bge., 249 tons, 122 ft. (1907), Kaine & Bird Transp. Co., Ltd., Quebec, Que.
 Empereur due Fleuve, sail, 95 tons, 96 ft. (1872), L. Turcotte, St. Michel d'Yamaska, Que.
 Emperor, stm., — tons, 504 ft., (1911), Canada Steamship Line, Ltd., Toronto, Ont.
 Empire, bge., 768 tons, 160 ft. (1906), Canadian Towing & Wrecking Co., Ltd., Port Arthur, Ont.
 Empress, stm., 678 tons, 185 ft. (1873-1886), Ottawa River Nav. Co., Montreal, Que.
- Empress, stm., 36 tons, 63 ft., (1891), French River & Nipissing Nav. Co., Sturgeon Falls, Ont.
 Empress, stm., 84 tons, 93 ft., (1899), Trent Valley Nav. Co., Bobcaygeon.
 Empress, sail, 62 tons, 84 ft. (1876), James Doherty, Belleville, Ont.
 Empress Victoria, stm., 106 tons, 76 ft., (1894), Huntsville, Lake of Bays & Lake Simcoe Nav. Co., Ltd., Huntsville, Ont.
 Endress, Bertha, stm., 32 tons, 42 ft., (1876), H. A. Duncan, Sault Ste. Marie.
 Eneau, sail, 145 tons, 108 ft., (1902), E. L. Daneau, N. D. de Pierreville, Que.
 Energy, stm., 116 tons, 81 ft., (1883), J. Hackett, Amherstburg.
 Energy, bge., 194 tons, 109 ft. (1872), J. T. Scanlan, Montreal, Que.
 England, sail, 341 tons, 148 ft., (1863), The Kaine & Bird Transportation Co., Ltd., Quebec, Que.
 Enterprise, stm., 148 tons, 81 ft., (1869), Huntsville, Lake of Bays and Lake Simcoe Nav. Co., Huntsville, Ont.
 Ephrem, bge., 144 tons, 104 ft., (1899), Joseph Bertrand, Champlain, Que.
 Erie, bge., 207 tons, 123 ft., (1871), W. W. Tate, Montreal, Que.
 Eric Queen, sail, 217 tons, 115 ft., (1874), James O'Guy, et al., Oshawa.
 Erl King, stm., 46 tons, 52 ft., (1909), Fra Simpson, Toronto, Ont.
 Ernest, bge., 109 tons, 108 ft., (1892), E. Daneau, Pierreville, Que.

- Escort, stmr., 40 tons, 44 ft., (1894), The Welland Canal Tug Co., Ltd., Port Colborne.
- Escoumains, stmr., 74 tons, 76 ft., (1907), Arthur Mercier, Les Escoumains, Saguenay Co., Que.
- Estelle, stmr., 51 tons, 66 ft., (1874), Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
- Estelle, sail, 90 tons, 75 ft., (1880), Joseph Caron, Tadousac, Que.
- Estevan, stmr., — tons, 212 ft., (1912), Canadian Government.
- †Estevan, stmr., — tons, 192 ft., (1911), Canadian Government.
- Esturian, paddle stmr., 139 tons, 94 ft., (1897), The Trent Valley Nav. Co., Bobcaygeon.
- Esturion, paddle stmr., 118 tons, 96 ft., (1884), The Trent Valley Nav. Co., Bobcaygeon.
- Ethel, stmr., 72 tons, 64 ft., (1895), Sincennes McNaughton Line, Ltd., Montreal, Que.
- Ethel, bge., 335 tons, 130 ft., (1897), Montreal Trans. Co., Ltd., Montreal, Que.
- Etoile, stmr., 560 tons, 142 ft., (1879), Ferdinand Boisvert, H. Croix, Que.
- Etoile, sail, 61 tons, 84 ft., (1894), A. Lavigne, St. Paul, Que.
- Eugenie, sail, 48 tons, 62 ft. (1880), Charles Bernier and Samuel Cote, Cap Chatte, Que.
- Euphemia, stmr., 29 tons, 47 ft., (1903), Wm Hand, Port Dalhousie.

- †Eureka, stmr., 170 tons, 94 ft. (1893), The Minister of Marine and Fisheries, Ottawa.
- Eureka, sail, 104 tons, 106 ft. (1907), Mrs. Mary Labrecque, Pierreville, Que.
- Eva, stmr., 34 tons, 72 ft., (1881), Irene Crandell, Lindsay.
- Eva, bge., 154 tons, 106 ft. (1881), Canadian Forwarding & Export Co., Ltd., Montreal, Que.
- Evelyn, stmr., 32 tons, 61 ft., (1893), Dominion Fish Co., Winnipeg, Man.
- Evelyn, stmr., 85 tons, 67 ft., (1892), French River Tug Co., Windsor.
- Evelyn, sail, 97 tons, 90 ft., (1867), Wm. Myles, Kingston.
- Evard, stmr., 25 tons, 51 ft., (1900), M. Graham, Kagawong.
- Everett, Mary, sail, 198 tons, 120 ft., (1867-1887), John Cooper, Wallaceburg.
- Ewen, Frank D., sail, 878 tons, 202 ft., (1888), Quebec Trans. Co., Ltd., Quebec, Que.
- Excelsior, dredge, 372 tons, 100 ft., (1906), The Owen Sound Dredge & Construction Co., Ltd., Owen Sound, Ont.
- Exephire, sail, 79 tons, 87 ft. (1890), F. Lamontagne, St. Louis de Bonsecours, Que.

F

- F. L. No. 1, scow, 76 tons, 52 ft., (1902), F. Lemoine, Montreal, Que.

F. L. No. 2, scow, 64 tons, 46 ft., (1901),
 F. Lemoine, Montreal, Que.
 F. L. No. 3, scow, 53 tons, 46 ft., (1901),
 F. Lemoine, Montreal, Que.
 F. D., sail, 28 tons, 46 ft., (1899), F. Degague,
 Isle Aux Condres, Que.
**Fabiola, stm., 81 tons, 70 ft. (1893), Andrew
 Nickle, Montreal, Que.**
 Fabiola, sail, 131 tons, 95 ft., (1852-1876),
 James Swift, Kingston.
 Fabiola, sail, 147 tons, 100 ft., (1872), Thos.
 Frenette, Portneuf, Que.
 Fabiola, sail, 81 tons, 70 ft., (1893), J. Sim-
 ard, St. Simeon, Que.
 †Fairmount, stm., 1,895 tons, 248 ft., (1903),
 Montreal Transportation Co., Ltd., Mon-
 treal.
 Fane, bge., 105 tons, 92 ft., (1867), P. La-
 plante, Lachine, Que.
 Fannie, sail, 305 tons, 133 ft., (1894), Cana-
 dian Forwarding & Export Co., Ltd.,
 Montreal, Que.
 Faraud, sail, 92 tons, 95 ft., (1881), Joseph
 Lizotte, Sorel, Que.
 Fashion, stm., 43 tons, 60 ft., (1893), Minister
 of Public Works, Ottawa, Ont.
 Fast, gas, 58 tons, 81 ft., (1909), The Minister
 of Public Work, Ottawa, Ont.
 Favorite, bge., 169 tons, 118 ft., (1873), G.
 Fraser and Hugh McKinnon, Dundee, Que.
 Ferdinand, stm., 76 tons, 87 ft., (1905), F.
 Fecteau, St. Antoine, Quebec.
 Ferguson, A., stm., 35 tons, 42 ft., (1909),
 J. R. Booth, Ottawa, Ont.

Ferry, Major N. H., sail, 168 tons, 117 ft.,
 (1867), John F. Sowards, Kingston, Ont.
 †Figate, paddle stm., 425 tons, 158 ft., (1879),
 The Montreal & Cornwall Nav. Co., Ltd.,
 Cornwall, Ont.
 Fisher, Eliza, sail, 137 tons, 94 ft., (1867), R.
 C. Smith, Port Hope.
 †Fischer, S. M., stm., 628 tons, 140 ft., (1896),
 Reid Wrecking Co., Sarnia, Ont.
 Fisk, Edward, stm., 73 tons, 70 ft., (1883 and
 1909), Can. Towing & Wrecking Co., Ltd.,
 Port Arthur, Ont.
 Fitch, Edson, bge., 171 tons, 120 ft., (1904),
 Ottawa Transp. Co., Ltd., Ottawa, Ont.
 Fitzhugh, Henry, sail, 300 tons, 138 ft., (1866),
 Parry Sound Lumber Co., Ltd., Parry
 Sound.
 Five Roses, stm., 43 tons, 54 ft., (1902),
 Edward Connors, Rainy River, Ont.
 Fleur de Marie, sail, 113 tons, 99 ft., (1878),
 E. Haynemand, Lanoraie, Que.
 Fleur de Marie, sail, 49 tons, 61 ft., (1893),
 Maurice Degrez, Les Eboulements, Que.
 Flight, stm., 37 tons, 57 ft., (1875), C. Jones,
 Brockville.
 †Floating Crane No. 1, scow, 445 tons, 200 ft.,
 (1908), Harbour Commissioners, Montreal,
 Que.
 Flora, sail, 65 tons, 76 ft., (1880), J. B.
 Dussault, Portneuf, Que.
 Florence, stm., 113 tons, 91 ft., (1885), The
 Quebec Trans. & Forwarding Co., Ltd.,
 Quebec, Que.
 Florence, stm., 62 tons, 81 ft., (1881), The Ot-
 tawa Transportation Co., Ltd., Ottawa.
 FROM THE BLUE BOOK OF AMERICAN SHIPPING. COPYRIGHTED, 1914.

- Florence, stm., 40 tons, 74 ft., (1889), Canada Lumber Co., Carleton Place, Ont.
 Florence, stm., 27 tons, 54 ft., (1884), Lorenzo McKenny, Huntsville.
 Florence, sail, 32 tons, 60 ft., (1862), H. Campeau, Belle River.
 Florence, sail, 153 tons, 108 ft., (1894), Jos. Simoneau, Pierreville, Que.
 †Florence, stm., 237 tons, 144 ft., (1903), John C. Eaton, Toronto, Ont.
 Florence M., sail, 83 tons, 75 ft., (1888), J. Trepanier, Port au Persil, Que.
 Florida, sail, 26 tons, 48 ft., (1882), George Tanguay, Quebec, Que.
 Florida, sail, 40 tons, 56 ft., (1901), Achille Gagnon, Murray Bay, Que.
 Florida, stm., 201 tons, 100 ft., (1900), Madame C. Lacouture, Quebec, Que.
 Floride, sail, 27 tons, 47 ft., (1894), Nap-Blais, Esquimaux Point, Que.
 Foederis, Arca, sail, 46 tons, 66 ft., (1896), C. Dussault, Les Ecureuilis, Que.
 Ford River, sail, 210 tons, 145 ft., (1879), James Playfair, Midland, Ont.
 Forest B., stm., 88 tons, 75 ft., (1895-1910), Rat Portage Lumber Co., Ltd., St. Boniface, Man.
 Forrest, stm., 26 tons, 58 ft. (1887), B. J. Kaine, Hal Hal Bay, Que.
 Fortin, P., sail, 79 tons, 70 ft. (1872), Wine-clas Tache, St. Irene, Que.
 Foster, Anna E., sail, 39 tons, 66 ft., (1877), W. Foster, Owen Sound.
 Foundation Co. No. 1, (The), scow, 65 tons, 62 ft., (1910), The Foundation Co., Ltd., Montreal, Que.
 Foundation Co. No. 2, (The), scow, 63 tons, 62 ft., (1910), The Foundation Co., Ltd., Montreal, Que.
 Foundation Co. No. 3, (The), scow, 64 tons, 79 ft., (1910), The Foundation Co., Ltd., Montreal, Que.
 Frances, stm., 47 tons, 55 ft. (1864), T. H. Kirby, Ottawa, Ont.
 Frances W., stm., 43 tons, 59 ft. (1908), The Northern Dredging Co., Ltd., Durham, Ont.
 Francis, Minnie, sail, 89 tons, 101 ft., (1885), G. B. Magee, Merrickville.
 Francis, W. C., stm., 38 tons, 64 ft. (1873), John Blackader, Cornwall, Ont.
 Francois C., stm., 126 tons, 86 ft., (1909), Francois Crepeau, Sorel, Que.
 Francois Xavier, sail, 33 tons, 61 ft. (1894), F. X. Neron, St. Joachim, Que.
 Frank, bge., 94 tons, 106 ft. (1881), John Minden, Sorel, Que.
 Frank, stm., 58 tons, 65 ft. (1886), Mrs. Eliza A. Stanton, St. Leon, Que.
 Frank L., stm., 46 tons, 68 ft., (1905), William H. Oldfield, Parry Sound, Ont.
 †Frank, stm., (nee Uranus), 3,748 tons, 346 ft., (1901), Algoma Central Steamship Line, Sault Ste. Marie, Ont.
 †Fraser, Alexander, stm., 320 tons, 140 ft. (1890), Upper Ottawa Improvement Co., Ottawa, Ont.

- Fraser, B. M., stm., 50 tons, 69 ft., (1900), T. C.
Sims, Little Current.
- †Fraserville, stm., 51 tons, 60 ft. (1904), D.
Fraser et al., Cabano, Que.
Freeport, bge., 276 tons, 145 ft. (1875), Jas.
Buckley, Prescott, Ont.
- †Frontenac, stm., 304 tons, 119 ft., (1899), La
Compagnie Maritime et Industrielle de
Levis, Levis, Que.
- Frontenac, stm., 11 tons, 89 ft., (1901), The
Calvin Co., Ltd., Garden Island.
- Frontenac, sail, 331 tons, 136 ft. (1894), J.
E. Muir, Montreal, Que.
- Fulton, E. A., formerly A. Boody, sail, 288
tons, 137 ft., (1863), Frank Jackson and
R. Philip, Toronto, Ont.
- G**
- G. D. No. 1, bge., 45 tons, 75 ft., (1908), Geo.
Dausereau, Grenville, Que.
- Galatia, stm., 46 tons, 60 ft. (1898), L. R.
Johnstone, Wabigoon, Ont.
- Gales, John, sail, 42 tons, 70 ft., (1879), Jos-
eph Lesperance, Belle River.
- Gambler, stm., 25 tons, 54 ft., (1909), H. W.
Ansley, Port Dover, Ont.
- †Garden City, paddle stm., 637 tons, 177 ft.,
(1892), Niagara, St. Catharines & Toronto
Nav. Co., Ltd., Toronto.
- Gargantua, formerly D. C. Whitney, stm.,
1,490 tons, 240 ft. (1882), Joseph Gan-
ley et al., Sault Ste. Marie, Ont.
- Garnet, bge., 154 tons, 109 ft. (1882), Dick-
son Anderson, Montreal, Que.
- Gaskin, John, bge., 487 tons, 166 ft. (1881),
Montreal Transp. Co., Ltd., Montreal, Que.
- Gaspeian, stm., 490 tons, 160 ft., (1874),
Francois Bouchard et al., Quebec, Que.
- Gauthier, A., sail, 137 tons, 112 ft. (1884),
Ottawa Transp. Co., Ltd., Ottawa, Ont.
- Gauthier, Gordon, stm., 26 tons, 52 ft. (1884),
Dominion Fish Co., Ltd., Winnipeg, Man.
- G. D., sail, 108 tons, 91 ft. (1885), H. Goyet,
Lanoraie, Que.
- Geary, G. R., stm., — tons, 70 ft., (1912),
City of Toronto.
- Gem, stm., 27 tons, 51 ft., (1897), A. S.
Smith, Stephenson twp., Muskoka, Ont.
- General, sail, 116 tons, 104 ft. (1895), Achille
Lavigne, St. Paul L'Ermite, Que.
- General Meade, dredge, 244 tons, 72 ft.,
(), C. S. Boone, Toronto, Ont.
- Gen. Weitzel, stm., 32 tons, 57 ft., (1881), W. H.
Plummer, Sault Ste. Marie.
- Geneva, stm., 92 tons, 80 ft., (1905), William
Thomson, Orillia, Ont.
- George, bge., 152 tons, 110 ft., (1881), Al-
phonse Lepante, Lachine, Que.
- Georger, F. A., sail, 825 tons, 200 ft., (1874),
Brockville Transp. Co., Brockville, Ont.
- Georgia, stm., 28 tons, 43 ft., (1885), John Sul-
livan, Little Current
- Georgian, stm., 377 tons, 130 ft., (1864), Ca-
nadian Pacific Ry. Co., Montreal, Que.
- Georgiana, bge., 46 tons, 84 ft., (1886), O.
Sciotte, Valleyfield, Que.
- Georgiana, sail, 48 tons, 62 ft., (1892), Jos.
Hovington, Grandes Bergeronnes, Que.

- Georgina, stm., 44 tons, 74 ft., (1893), Samuel Forrest, Fort William, Ont.
- Gerald R., stm., 51 tons, 56 ft., (1910), M. J. Haney, Toronto, Ont.
- Geraldine, stm., 65 tons, 66 ft., (1893), J. Galna, Parry Sound.
- German, W. M., stm., 28 tons, 58 ft., (1888), H. W. Ansley, Port Dover.
- Germaine, sail, 87 tons, 89 ft., (1906), Sincennes McNaughton Line, Ltd., Montreal, Que.
- Germania, sail, 110 tons, 104 ft., (1906), Oliver Mayrand, Three Rivers, Que.
- Germanic, stm., 1014 tons, 184 ft., (1899), Canada Steamship Lines, Ltd., Toronto, Ont.
- Germany, bge., 97 tons, 92 ft., (1870), T. Peloquin, St. Roch, Que.
- †Geronia, stm., tons, 200 ft., (1911), Canada Steamship Lines, Ltd., Toronto, Ont.
- Gertie, stm., 53 tons, 58 ft., (1903), Samuel Forrest, Ft. William, Ont.
- Geyser, stm., 47 tons, 60 ft., (1889), C. S. Boone, Toronto, Ont.
- Gilbert, stm., 41 tons, 72 ft., (1884), Haney & Miller, Toronto, Ont.
- Gill, A., sail, 105 tons, 96 ft., (1898), Nazaire Lavigne, St. Paul d'Ermite, Que.
- Gill, D., sail, 117 tons, 107 ft., (1906), Adeward Cote, Pierreville, Que.
- Gill, W., sail, 89 tons, 91 ft., (1891), Napoleon Grenier, Notre Dame de Pierreville, Que.
- Gill, Z., sail, 126 tons, 104 ft., (1906), W. Gill, Pierreville, Ont.
- Gipsy, stm., 35 tons, 51 ft., (1906), F. W. Hendry, et al., Toronto, Ont.
- Girard P., bge., 142 tons, 107 ft., (1881), Ottawa Transp. Co., Ltd., Ottawa, Ont.
- Glacial, stm., 109 tons, 103 ft., (1885), Corporation of the City of Three Rivers, Que.
- Gladys H., sail, 919 tons, 212 ft., (1892), Quebec Trans. Co., Ltd., Quebec, Que.
- Gleaner, sail, 28 tons, 68 ft. (1897), A. St. Denis, Ste. Anne de Bellevue, Que.
- Gleaner, sail, 41 tons, 57 ft. (1877), Benjamin Landry, Esquimaux Point, Que.
- Glenada, stm., 65 tons, 69 ft., (1904), Arthur Walton, Magnetawan.
- †Glenallah, stm., 2272 tons, 250 ft., (1905), Canada Steamship Lines, Ltd., Toronto, Ont.
- Glengarry, stm., 509 tons, 170 ft., (1872-1886), Henry W. Richardson, Kingston, Ont.
- Glengarry, bge., 260 tons, 120 ft. (1872), Montreal Transp. Co., Ltd., Montreal, Que.
- †Glenmount, stm., 1957 tons, 249 ft., (1907), Montreal Trans. Co., Ltd., Montreal, Que.
- Glen Erie, stm., 43 tons, 60 ft., (1909), O. H. Smith, Port Stanley, Ont.
- Glide, stm., 78 tons, 74 ft., (1866), Montreal Transp. Co., Ltd., Montreal.
- Glide, stm., 80 tons, 72 ft., (1884), Wm. Lawlor, Hawkesbury, Ont.

- Golden City, stm., 35 tons, 57 ft., (1873), Jas. W. McCoppin, Port Colborne.
- Golden Harbor, sail, 42 tons, 68 ft., (1873), A. Ouellette, Belle River.
- Gondola, sail, 91 tons, 102 ft., (1881), E. Hous-ton, Dresden.
- Gordon, Mary S., sail, 28 tons, 56 ft., (1882), John D. Corstan, Owen Sound.
- Gorman, Pete, stm., 64 tons, 76 ft. (1892), Great Lakes Dredging Co., Ltd.
- Gowganda, stm., 25 tons, 46 ft., (1907), F. E. Clark, Sturgeon Falls, Ont.
- Grace, scw., 106 tons, 92 ft. (1894), Montreal Sand & Gravel Co., Ltd., Montreal, Que.
- Grace M., stm., 61 tons, 68 ft., (1905), C. Mickle, et al., Gravenhurst, Ont.
- Gracie, stm., 41 tons, 72 ft., (1904), Dominion Fish Co., Ltd., Winnipeg, Man.
- Graftey, W. K., bge., 208 tons, 122 ft., (1907), Ottawa Transp. Co., Ltd., Ottawa, Ont.
- †Graham, Geo. A. (nee Marina), stm., 2,431 tons, 292 ft., (1891), Thomas Marks & Co., Mgrs., Canadian North-West Steamship Co., Ltd., Port Arthur, Ont.
- Grande Ligne, stm., 70 tons, 67 ft., (1907), Francis Lemoine, Montreal, Que.
- Grant, bge., 146 tons, 112 ft., (1887), Ottawa Transp. Co., Ltd., Ottawa, Ont.
- Grant, Kate, sail, 47 tons, 60 ft., (1880), Denis Parent, Tecumseh.
- Grantham, sail, 325 tons, 140 ft., (1873), Ira A. Breck, Garden Island.
- Grattan, bge., 250 tons, 122 ft., (1907), Kaine & Bird Transp. Co., Ltd., Quebec, Que.
- †Gravel, J. O., stm., 197 tons, 94 ft., (1909), Sincennes-McNaughton Line, Ltd., Montreal, Que.
- Gravenhurst, stm., 29 tons, 52 ft., (1902), Peter Campbell, Muskoka.
- Gray, John, bge., 156 tons, 110 ft., (1881), Joseph Wilson, Montreal, Que.
- Great Western, paddle stm., 1,080 tons, 220 ft., (1866), Grand Trunk Ry. Co., Montreal, Que.
- †Greene, G. B., stm., 255 tons, 142 ft., (1896), Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
- Grenada, stm., 57 tons, 80 ft., (1883), A. Small-man, Dundee, Que.
- Grenville, bge., 154 tons, 111 ft., (1889), Ottawa Transp. Co., Ltd., Ottawa, Ont.
- Greyhound, stm., 37 tons, 59 ft., (1894), Edward Elliott, Lindsay, Ont.
- Grier, G. A., bge., 196 tons, 122 ft. (1906), Ottawa Transp. Co., Ltd., Ottawa, Ont.
- Grimby, sail, 331 tons, 137 ft., (1874), Alexander Laplante, Lachine, Que.
- G. T. D., sail, 285 tons, 123 ft., (1890), J. L., G. D., & A. C. Davie, Lewis, Que.
- Grogan, Stephen P., bge., 162 tons, 106 ft., (1907), Kaine & Bird Transp. Co., Ltd., Quebec, Que.
- Guido, sail, 95 tons, 114 ft., (1856), W. G. Atkinson, Whitby, Ont.
- Gull, sail, 25 tons, 52 ft., (1865-1896), Peter Cote, Belleville.

- Gustave Adolphe, sail, 90 tons, 93 ft., (1875),
Ignace Caron St. Aime, Que.
- H**
- H. No. 2, bge., 28 tons, 48 ft., (1902), John
F. Hurdman, Ottawa, Ont.
- H. No. 3, bge., 28 tons, 48 ft., (1902), John
F. Hurdman, Ottawa, Ont.
- H. No. 4, bge., 29 tons, 52 ft., (1902), John
F. Hurdman, Ottawa, Ont.
- H. No. 5, bge., 29 tons, 52 ft., (1902), John
F. Hurdman, Ottawa, Ont.
- H. C. M. No. 1, stm., 135 tons, 84 ft., (1868),
Harbour Commissioners of Montreal, Mon-
treal, Que.
- H. C. M. No. 2, stm., 177 tons, 86 ft., (1864),
Harbour Commissioners of Montreal, Mon-
treal, Que.
- H. C. M. No. 6, stm., 168 tons, 84 ft., (1873),
Harbour Commissioners of Montreal, Mon-
treal, Que.
- H. C. M. No. 7, stm., 173 tons, 83 ft., (1872),
Harbour Commissioners of Montreal, Mon-
treal, Que.
- H. C. M. No. 9, stm., 170 tons, 84 ft., (1873),
Harbour Commissioners of Montreal, Mon-
treal, Que.
- H. C. M. No. 10, stm., 172 tons, 92 ft., (1875),
Harbour Commissioners of Montreal, Mon-
treal, Que.
- H. C. M. No. 14, stm., 190 tons, 86 ft., (1881),
Harbour Commissioners of Montreal, Mon-
treal, Que.
- H. C. M. No. 15, stm., 205 tons, 85 ft., (1899),
Harbour Commissioners of Montreal, Mon-
treal, Que.
- H. C. M. No. 16, stm., 205 tons, 85 ft., (1899),
Harbour Commissioners of Montreal, Mon-
treal, Que.
- H. C. M. No. 17, stm., 210 tons, 84 ft., (1904),
Harbour Commissioners of Montreal, Mon-
treal, Que.
- H. C. M. No. 18, stm., 210 tons, 84 ft., (1904),
Harbour Commissioners of Montreal, Mon-
treal, Que.
- Hackett, William, stm., 126 tons, 99 ft., (1900-
1905), Quebec Transp. & Forwarding Co.,
Ltd., Quebec, Que.
- Hackett, J. H., stm., 117 tons, 88 ft., (1901),
Quebec Transp. & Forwarding Co., Ltd.,
Quebec, Que.
- Hackett, M. E., 78 tons, 70 ft., (1894), Wm.
Hackett, Quebec, Que.
- †Haddington, stm., 1603 tons, 256 ft., (1904),
Canada Steamship Lines, Ltd., Toronto,
Ont.
- Haggart, John, stm., 184 tons, 99 ft., (1887),
A. L. Carney, Sault Ste. Marie, Ont.
- Hall, stm., 247 tons, 102 ft., (1889), The Ottawa
Forwarding Co., Ltd., Ottawa.
- Hall, Bob, 27 tons, 49 ft. (1907), Minister of
Railways and Canals, Ottawa, Ont.
- Hall No. 1, Edmund, dredge, 246 tons, 79
ft., (1896), Canada Construction &
Dredging Co., Ltd., Toronto, Ont.

Harris, George A., stm., 87 tons, 90 ft. (1882), Ottawa Transp. Co., Ltd., Ottawa, Ont.
 Harrison, stm., 222 tons, 120 ft., (1909), John Harrison & Sons Co., Ltd., Owen Sound, Ont.
 Harvest, bge., 262 tons, 120 ft. (1870), J. L. B. Leclaire, Sorel, Que.
 Harvey, sail, 65 tons, 70 ft., (1897), Robt. Kennedy, Lindsay.
 Harvey, Neree, sail, 50 tons, 64 ft., (1909), N. Harvey, Isle-aux-Coudres, Que.
 Hastings, sail, 36 tons, 61 ft., (1897), Frank Burnett, Birksall.
 Hattie, Ann, sail, 51 tons, 84 ft., (1883), James Mullens, Belleville.
 Hattie H., sail, 134 tons, 108 ft., (1888), The Ottawa Transportation Co., Ltd., Ottawa.
 Hazard, stm., 34 tons, 62 ft., (1892), E. Harris, Port Dover.
 Hazel B., stm., 27 tons, 65 ft., (1904), M. C. McCaw, et al., North Bay, Ont.
 H. B., sail, 541 tons, 170 ft., (1890), Jas. Buckley, Prescott.
 H. B., sail, 57 tons, 63 ft., (1883), Edouard Boudreault, Esquimaux Point, Que.
 Healy, Tim, stm., 34 tons, 41 ft., (1908), Windsor Dredging Co., Ltd., Windsor, Ont.
 Heather Belle, sail, 121 tons, 93 ft., (1868), R. Gawley, Eastnor.
 Hebron, stm., 149 tons, 98 ft., (1899), Jas. H. Hall, et al., Ottawa.

Hall, Jessie, stm., 57 tons, 83 ft. (1867), Montreal Transp. Co., Ltd., Montreal, Que.
 Hall, Mary P., stm., 104 tons, 82 ft., (1898), Montreal Transp. Co., Montreal, Que.
 Halley's Comet, stm. pa., 50 tons, 68 ft., (1906), H. E. Crow, Chatham, Ont.
 Hamill, J. B., dredge, 119 tons, 13 ft. (—), W. E. Phin, Toronto, Ont.
 Hamill, J. D., stm., 111 tons, 80 ft., (1904), Josiah Perks, et al., Meaford.
 †Hamilton, sail, 443 tons, 173 ft., (1847-1895-1910), The Empire Refining Co., Ltd., Wallaceburg, Ont.
 †Hamilton, stm., 320 tons, 131 ft. (1896), Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
 †Hamilton, sail, 970 tons, 202 ft. (1901), Montreal Transportation Co., Ltd., Montreal.
 †Hamiltonian, stm., — tons, 245 ft., (1912), Canada Steamship Lines, Ltd., Toronto, Ont.
 Harmonic, stm., 5294 tons, 341 ft., (1909), Canada Steamship Lines, Ltd., Toronto.
 Hanlan, John, stm., 37 tons, 71 ft. (1884), Lawrence Solman, Toronto.
 Hanscom, Belle, bge., 299 tons, 129 ft. (1874), Reid Wrecking Co., Ltd., Sarnia, Ont.
 Hardy, stm., 28 tons, 37 ft. (1896), W. E. Bigwood, Toronto, Ont.
 Hardy, dredge, 64 tons, 66 ft. (1905), Sand & Dredging Co., Ltd., Toronto, Ont.

- Hector, stm., 66 tons, 67 ft., (1903), M. J.
 Hogan, Montreal, Que.
 Hector, bge., 539 tons, 170 ft., (1882-1896),
 Montreal Transp. Co., Ltd., Montreal,
 Que.
 Helen, sail, 61 tons, 79 ft., (1882), J. H. Gold-
 ring, Toronto.
 Helen, scw., 105 tons, 97 ft., (1894), Mon-
 treal Sand & Gravel Co., Ltd., Montreal,
 Que.
 †Helen S., stm., 86 tons, 80 ft., (1899), The
 Collin's Inlet Lumber Co., Ltd., Toronto.
 Helena, bge., 218 tons, 135 ft., (1905), J.
 Battle, Thorold, Ont.
 Henry, John, bge., 155 tons, 111 ft., (1889),
 Ottawa Transp. Co., Ltd., Ottawa, Ont.
 Henrietta, dge., 125 tons, 126 ft., (1879), Al-
 goma Builders' Supply Co., Ltd., Port
 Arthur, Ont.
 Heppell, J. E., sail, 74 tons, 76 ft., (1905), J.
 E. Heppell, Bic, Que.
 Herbert, M., stm., 44 tons, 51 ft., (1908),
 Charles Mickle, Gravenhurst, Ont.
 Hercule, stm., 45 tons, 58 ft., (1904), Sin-
 cennes McNaughton Line, Ltd., Montreal,
 Que.
 †Hercules, stm., 234 tons, 100 ft., (1906),
 Minister of Public Works, Ottawa, Ont.
 Hero, stm., 32 tons, 54 ft., (1907), Achille
 Bernier, St. Joseph de Levis, Que.
 Herschel, sail, 237 tons, 122 ft., (1872), Penin-
 sular Tug & Towing Co., Warton, Ont.
 Hewis, J. D., stm., 51 tons, 55 ft., (1892),
 David Hewis, Midland.
 Hiawatha, stm., 27 tons, 49 ft., (1905), T.
 B. & A. Croucher, Port Carling, Ont.
 Hiawatha, sail, 518 tons, 176 ft., (1890),
 Montreal Trans. Co., Ltd., Montreal, Que.
 Hiawatha, stm., 163 tons, 92 ft., (1874), Sarnia
 Tug & Transit Co., Ltd., Sarnia, Ont.
 Hiawatha, stm., 46 tons, 56 ft., (1895), Royal
 Canadian Yacht Club, Toronto.
 Hiesordt, P. S., stm., 45 tons, 66 ft., (1887),
 W. J. Bell, Sudbury.
 Highland Belle, formerly Van Woodland,
 stm., 37 tons, 75 ft., (1900), French River
 & Nipissing Nav. Co., Ltd., Sturgeon
 Falls, Ont.
 Hilda, sail, 418 tons, 160 ft., (1898), Montreal
 Trans. Co., Ltd., Montreal, Que.
 Hirondelle, bge., 59 tons, 86 ft., (1873), Mich.
 Laramie, St. Louis, Que.
 Hirondelle, sail, 32 tons, 48 ft., (1876), Joseph
 Gagné, Jr., Malbaie, Charlevoix Co., Que.
 Hodgson, Fred A., stm., 63 tons, 83 ft., (1890),
 A. Lyburner, Eastnorth, Ont.
 Holcomb, Ralph T., stm., 375 tons, 133 ft.
 (1898), F. E. Hall, L'Original, Ont.
 Holland & Graves No. 3, stm., 30 tons, 41
 ft. (1905), W. E. Bigwood, Toronto, Ont.
 Holland & Graves No. 4, stm., 30 tons, 41
 ft. (1905), W. E. Bigwood, Toronto, Ont.
 Home Rule, stm., 81 tons, 74 ft., (1890),
 Miss A. M. Hackett, Amherstburg.
 Homer, sail, 25 tons, 47 ft., (1898), Robt. Ken-
 nedy, Lindsay.
 Hope, stm., 170 tons, 95 ft., (1870), Bridgeburg
 & Black Rock Ferry Co., Ltd., Fort Erie.

- Hope, scw., 25 tons, 54 ft. (1866), Edward Adamson, Toronto, Ont.
- Horace D., sail, 195 tons, 84 ft., (1908), Cis Etienne Dussault, Levis, Que.
- Horne, J. T., tug, — tons, 115 ft., (1913), Gt. Lakes Dredging Co., Fort William, Ont.
- Horrigan, scow, 73 tons, 75 ft., (1909), Horrigan & Beagle, Port Arthur, Ont.
- Horton, stm., 66 tons, 72 ft., (1906), W. Marlton, Goderich, Ont.
- Hosanna, stm., 89 tons, 58 ft., (1893), The Minister of Marine & Fisheries, Ottawa, Ont.
- Houghton, stm., 49 tons, 60 ft., (1863), N. Dyment, Barrie.
- Hoyer, bge., 32 tons, 71 ft. (1889), George Bothwell, Buckingham, Que.
- Hudson, stm., 158 tons, 128 ft. (1891), Sincennes McNaughton Line, Ltd., Montreal, Que.
- Hudson, stm., 45 tons, 73 ft., (1899), H. E. Hudson & J. C. Hudson, Barry's Bay.
- Hume, Jessie, stm., 58 tons, 62 ft., (1894), Minister of Public Works, Ottawa.
- Hunter, Isaac, sail, 48 tons, 50 ft. (1906), Colonial Lumber Co., Ltd., Pembroke, Ont.
- Hunter, John, stm., 32 tons, 54 ft., (1885), James Murray, St. Catharines.
- Hunter, Nellie, sail, 172 tons, 101 ft., (1874), Jos. Darian, Lanoraie, Que.
- Hurdman, R., stm., 93 tons, 103 ft. (1892), A. Lumsden, Ottawa, Ont.
- Huron, sail, 475 tons, 160 ft., (1881), Montreal Trans. Co. Ltd., Montreal, Que.
- †Huron, stm., car ferry, 1,052 tons, 238 ft. (1875), Grand Trunk Ry. Co., Montreal, Que.
- Huron Bell, stm., 27 tons, 50 ft., (1889), Geo. A. Fraser, Simcoe.
- †Huronic, stm., 3,330 tons, 321 ft. (1902), Canada Steamship Lines, Ltd., Toronto, Ont.
- Hutt, Hattie, sail, 188 tons, 130 ft. (1873), Frank Granville, Chatham, Ont.
- Hyacinthe, sail, 155 tons, 108 ft., (1881), R. Bickerdike and R. Ironside, Montreal, Que.
- Hyderabad, sail, 290 tons, 124 ft., (1876), L. E. Bonaventure, Lanoraie, Que.
- I. X. L., dredge, 348 tons, 103 ft., (1893), R. Weddell, et al., Trenton, Ont.
- Ice, sail, 41 tons, 47 ft., (1891), Chas. Perrault, Sandwich.
- Ida, sail, 58 tons, 69 ft., (1885), W. C. Edwards, & Co., Ltd., Rockland, Ont.
- Ida, stm., 111 tons, 96 ft. (1884), W. E. Beaton, Ottawa, East, Ont.
- Ida, sail, 67 tons, 77 ft. (1897), F. X. Martel, Chatteau Richer, Que.
- Ida Bell, sail, 97 tons, 87 ft., (1874), Jas. W. Wye, Kingsville.
- Ida E., stm., 285 tons, 121 ft., (1887), G. G. Horne, Wolfe Island, Ont.
- Ile aux Prunes, bge., 71 tons, 88 ft., (1898), J. H. Dansereau, Verchères, Que.
- Ile Bouchard, bge., 53 tons, 79 ft., (1898), J. H. Dansereau, Verchères, Que.

- Ile Marie, bge., 71 tons, 88 ft., (1898),
J. H. Dansereau, Verchères, Que.
Ile Marie, scw., 126 tons, 100 ft., (1900),
J. H. Dansereau, Verchères, Que.
Imperial, sail, 413 tons, — ft., (1902),
Thunder Bay Contracting Co., Ltd., Port
Arthur, Ont.
Imperial, stm., 1,098 tons, 200 ft., (1907),
Chas. Mignault, Montreal, Que.
Imperial, stm., 36 tons, 54 ft., (1876), James
Ganley, Sault Ste. Marie.
Ina, stm., 27 tons, 53 ft., (1904), John Galna
and R. W. Danter, Parry Sound.
India, stm., 976 tons, 215 ft., (1899), The
Calvin Co., Ltd., Garden Island.
†Inew, stm., 109 tons, 86 ft., (1902), Hud-
son's Bay Co., London, Eng.
Inez, stm., 59 tons, 65 ft., (1884), Thunder
Bay Contracting Co., Ltd., Port Arthur,
Ont.
†International, stm., 851 tons, 210 ft., (1872),
Lake Erie & Detroit River Ry. Co.,
Walkerville, Ont.
Interocean, 156 tons, 74 ft., (1888), E. G.
Shortis, Wallaceburg.
Iona, stm., 232 tons, 123 ft., (1892), E. A. Hall,
L'Original.
Iona, stm., 29 tons, 58 ft., (1904), Hector
McInnes, Meaford, Ont.
Iona, sail, 158 tons, 112 ft., (1890), Ottawa
Transp. Co., Ltd., Ottawa, Ont.
Ionic, formerly Cuba, stm., 1,708 tons, 238
ft., (1872), Canada Steamship Lines, Ltd.,
Toronto, Ont.
Iowa, bge., 366 tons, 149 ft., (1874), Montreal
Transp. Co., Montreal, Que.
- Ireland, sail, 339 tons, 147 ft., (1863), James
Buckly, Prescott.
Ireland, W. S., stm., 105 tons, 86 ft., (1872),
John Cooper, Chatham.
Irene, stm., 45 tons, 69 ft., (1887), Ira Hill,
Midland, Ont.
Irona, sail, 128 tons, 109 ft., (1907), Lud-
ger, Yargeau, Pierreville, Que.
Iroquois, sail, 361 tons, 151 ft., (1875), Sin-
cennes-McNaughton Line, Ltd., Montreal,
Que.
†Iroquois, stm., 307 tons, 118 ft., (1907),
Huntsville, Lake of Bays & Lake Simcoe
Nav. Co., Ltd., Huntsville, Ont.
†Iroquois, The, stm., 2,359 tons, 260 ft., (1902),
St. Lawrence & Toronto Steam Nav. Co.,
Ltd., Toronto, Can.
Isabella, scw., 33 tons, 57 ft., (1875), Gilbert
Sharon, Belle River, Ont.
Isidore, bge., 162 tons, 106 ft., (1907), Kaine
& Bird Transp. Co., Ltd., Quebec, Que.
Isis, sail, 96 tons, 105 ft., (1884), P. Larkin St.
Catharines, Ont., and A. Sangster, Iro-
quois.
Island Queen, stm., 98 tons, 91 ft., (1887),
L. J. Cosgrove and P. J. Craig, Toronto.
Island Queen, sail, 28 tons, 52 ft., (1897), Mary
Raines, Toronto.
Island Queen, stm., 129 tons, 97 ft., (1905),
The Toronto Ferry Co., Ltd., Toronto.
Islander, dredge, 242 tons, 78 ft., (1905), F.
Simpson, Toronto, Ont.
†Islander, stm., 165 tons, 100 ft., (1900), The
Muskoka Lakes Nav. & Hotel Co., Ltd.,
Toronto, Ont.

- Islander, dge., 242 tons, 78 ft., (1905), Frank Simpson, Toronto, Ont.
- Islay, stm., 175 tons, 116 ft., (1895), Chas. McInnes, Orillia.
- Islanda, stm., 54 tons, 80 ft., (1910), P. P. Young, Young's Point, Muskoka, Ont.
- Isobel, dge., 446 tons, 101 ft., (1903), Michael J. Hogan, Montreal, Que.
- Ivan, Edna; stm., 54 tons, 79 ft., (1900), James Purvis, Gore Bay.
- Ivan R., stm., 66 tons, 68 ft., (1903), Wm. Ritchie, Three Rivers, Que.
- Ivigtut, sail, 331 tons, 122 ft., (1877), F. R. Eaton, Parrsboro, N. S.
- J**
- J. E. A. F. No. 1, scow, 74 tons, 92 ft., (1909), John E. A. Fitzgerald, Peterboro, Ont.
- J. E. A. F. No. 2, scow, 91 tons, 92 ft., (1909), John E. A. Fitzgerald, Peterboro, Ont.
- J. E. A. F. No. 3, scow, 89 tons, 94 ft., (1910), John E. A. Fitzgerald, Peterboro, Ont.
- Jack, stm., 31 tons, 50 ft. (1901), Wm. Price, Quebec, Que.
- Jackman, Frank, stm., 39 tons, 65 ft. (1882), W. J. Finn, et al., Montreal, Que.
- Jackson, bge, 157 tons, 111 ft. (1881), Joseph Wilson, Montreal, Que.
- Jackson, Lena, stm., 29 tons, 62 ft., (1910), Victoria Harbour Lumber Co., Ltd., Toronto, Ont.
- Jack Canuck No. 3, dredge, 113 tons, 63 ft., (1909), J. E. Russell, Toronto, Ont.
- James, stm., 127 tons, 105 ft. (1870), W. Paul, Jr., Sorel, Que.
- Jamieson, Wm., sail, 143 tons, 100 ft. (1878), Chauncy Daryaw, Kingston, Ont.
- Janes, sail, 158 tons, 118 ft. (1869), Montreal Transp. Co., Ltd., Montreal, Que.
- Janes, C. W., bktm., 825 tons, 165 ft. (1884), W. J. Sallurst Smith, Gibraltar.
- Jap, stm., 3 tons, 23 ft. (1905), Scott & Hudson Bldg. Co., Kenora, Ont.
- Jarmin, T. J., stm., 47 tons, 60 ft., (1889), C. S. Boone, Toronto, Ont.
- Jasmine, stm., 298 tons, 112 ft. (1892-1906), Toronto Ferry Co., Ltd., Toronto, Ont.
- J. B. L., bge., 165 tons, 109 ft. (1894), J. B. Laviolette, St. Ours, Que.
- J. B. P. No. 1, sail, 65 tons, 70 ft., (1891), Jos. Briggs Parkin, Lindsay.
- J. B. P. No. 2, sail, 29 tons, 38 ft., (1897), Jos. Briggs Parkin, Lindsay.
- Jeanne, stm., 37 tons, 38 ft. (1888-1898), A. E. Brunet, Montreal, Que.
- Jeanne d'Arc, stm., 105 tons, 96 ft. (1908), Auguste Thiaville, Sorel, Que.
- J. E. B., bge., 48 tons, 64 ft. (1897), J. B. Barrette, Mille Vaches, Que.
- Jennette, sail, 334 tons, 145 ft. (1881), Mornden Transit Co., Ltd., Midland, Ont.
- Jennie, sail, 438 tons, 168 ft. (1871), Montreal Transp. Co., Ltd., Montreal, Que.
- Jennie, sail, 50 tons, 76 ft. (1891), Denis Ouellette, Belle River, Ont.
- Jennie, A. H., stm., 197 tons, 119 ft., (1882), Agnes M. Britnell, Toronto, Ont.

- Jerry, Gordon, stm., 124 tons, 102 ft., (1884),**
 S. W. Marchmont, Toronto.
Jeska, stm., 189 tons, 108 ft., (1909), Edward
 McKenzie, Smith's Falls, Ont.
Jessie, sail, 29 tons, 64 ft. (1869), R. Kim-
 berley, Portland, Ont.
Jessie, bge., 93 tons, 97 ft. (1902), Charle-
 magne & Lac Ouareau Lumber Co., Ltd.,
 Montreal, Que.
Jessie, bge., 137 tons, 107 ft. (1873), Pierre
 Lacroix, Sorel, Que.
Jessie, sail, 29 tons, 63 ft., (1869), R. Kim-
 berley, Portland.
Jet, sail, 312 tons, 137 ft. (1871), Sincennes
 McNaughton Line, Ltd., Montreal, Que.
J. E. W. H., sail, 73 tons, 76 ft., (1906),
 Mrs. E. Heppell, Bic. Que.
J. M. No. 1, sail, 73 tons, 75 ft., (1890), Jos.
 Maunder, Lindsay.
J. M. No. 2, sail, 80 tons, 75 ft., (1890), Jos.
 Maunder, Lindsay.
J. M. K. No. 1, sail, 64 tons, 86 ft., (1897),
 W. J. C. Boyd, Bobcaygeon.
J. M. K. No. 3, sail, 72 tons, 81 ft., (1897),
 W. J. C. Boyd, Bobcaygeon.
J. M. K. No. 4, sail, 66 tons, 72 ft., (1897),
 W. J. C. Boyd, Bobcaygeon.
J. M. K. No. 5, sail, 59 tons, 74 ft., (1897),
 W. J. C. Boyd, Bobcaygeon.
J. M. K. No. 6, sail, 53 tons, 64 ft. (1892),
 W. J. C. Boyd, Bobcaygeon.
J. M. K. No. 7, sail, 47 tons, 62 ft., (1897),
 W. J. C. Boyd, Bobcaygeon.
J. M. K. No. 8, sail, 46 tons, 62 ft., (1892),
 W. J. C. Boyd, Bobcaygeon.
- Jim & Tom, stm., 33 tons, 63 ft., (1907),**
 Jas. & T. H. Low, Port Dover, Ont.
Joe, stm., 57 tons, 65 ft., (1900), The Huntsville,
 Lake of Bays & Lake Simcoe Nav. Co., Ltd.,
 Huntsville.
Johanna, sail, 40 tons, 60 ft., (1867), M. Thi-
 bert, Jr., Belle River.
John, stm., 34 tons, 65 ft. (1902), Merile
 Larocque, Point Fortune, Que.
John R., stm., 225 tons, 170 ft., (1893-1909),
 Hamilton Ferry Co., Ltd., Hamilton, Ont.
Johnney, sail, 36 tons, 59 ft. (1894), Wilfred
 Pednault, Fraserville, Que.
Johnson, George H., stm., 56 tons, 50 ft.,
 (1907), McLachlin Bros., Ltd., Arnprior,
 Ont.
Johnston, Wm., stm., 95 tons, 85 ft., (1878), The
 Calvin Co., Ltd., Garden Island.
Jones, George H., stm., 71 tons, 65 ft., (1910),
 D. Rumley, Owen Sound, Ont.
Joseph Arthur R., sail, 289 tons, 132 ft.,
 (1894), Joseph Robillard, Montreal, Que.
Joseph Edward R., sail, 229 tons, 120 ft.,
 (1891), Joseph Robillard, Montreal, Que.
Josephine, sail, 106 tons, 82 ft., (1861), Jos.
 Lavoie, St. Luce, Que.
Josephine, sail, 46 tons, 54 ft., (1876), Joseph
 Desgagnez, Anse St. Jean, Chicoutimi,
 Que.
Josephine, bge., 355 tons, 164 ft., (1871),
 Bernard J. Kaine, St. Alphonse de Chi-
 coutimi, Que.
J. R. A. No. 1, sail, 43 tons, 60 ft., (1884), W.
 Marleton, Goderich.

- J. R. A. No. 2, sail, 43 tons, 60 ft., (1884), W. Marleton, Goderich.
- Jubilee, stm., 117 tons, 84 ft., (1897), Temiskaming Navigation Co., Ltd., Mattawa, Ont.
- Jubilee, stm., 25 tons, 66 ft., (1897), H. W. Albro, Megantic, Que.
- Jubilee, bge., 71 tons, 90 ft., (1875), D. Chausee, Lanoraie, Que.
- Julia V., stm., 42 tons, 56 ft., (1908), P. Vilaineuve, Kenora, Ont.
- Julie, sail, 53 tons, 63 ft., (1894), Alfred Lavoie, Baie St. Paul, Que.
- Juliette, sail, 62 tons, 63 ft., (1899), George Pinze, Mille Vaches, Que.
- Jumbo, bge., 30 tons, 68 ft., (1890), M. Harris, Montreal, Que.
- Jumbo, sail, 150 tons, 136 ft., (1880), Can. Pac. Car & Pass. Transfer Co., Ltd., Prescott.
- Juno, stm., 288 tons, 139 ft., (1885), M. J. Haney, Toronto, Ont.
- Juno, stm., 28 tons, 62 ft., (1887), Dominion Fish Co., Winnipeg, Man.
- K**
- Kaministiquia, stm., 106 tons, 109 ft., (1886-1906), A. J. Tompson, Port Arthur, Ont.
- Katahdin, sail, 381 tons, 150 ft., (1888), Spanish River Lumber Co., Spanish River.
- Kate, stm., 61 tons, 67 ft., (1900), Harry Aird, Quebec, Que.
- Kate, stm., 63 tons, 63 ft., (1899), J. Ganley, Sault Ste. Marie, Ont.
- Kate, bge., 113 tons, 101 ft., (1862), L. St. Denis, Lachine, Que.
- Kate, sail, 68 tons, 70 ft., (1871), Richard Turner, Quebec, Que.
- Kathleen, stm., 110 tons, 84 ft., (1886), The Toronto Ferry Co., Ltd., Toronto.
- Kathleen, stm., 51 tons, 60 ft., (1906), A. Robertson and R. E. Doucet, Kenora, Ont.
- Kathleen, stm., 110 tons, 84 ft., (1886), Toronto Ferry Co., Ltd., Toronto, Ont.
- Katie H., bge., 370 tons, 154 ft., (1908), Quebec Transp. & Forwarding Co., Ltd., Quebec, Que.
- Kearney, Philip, bge., 119 tons, 95 ft., (1881), William Price, Quebec, Que.
- Keene, bge., 48 tons, 80 ft., (1907), Francis Burnet and James D. Simpson, Birdsalls, Ont.
- *Keenora, stm., 486 tons, 120 ft., (1897), Rainy River Nav. Co., Ltd., Kenora, Ont.
- Keewatin, stm., 82 tons, 69 ft., (1899), T. Robinson and A. Deery, J. O. Kenora, Ont.
- *Keewatin, stm., 3,856 tons, 336 ft., (1907), Canadian Pacific Ry., Montreal, Que.
- Keewatin, sail, 199 tons, 120 ft., (1888), A. Campbell, Lakeport.
- Kenirving, stm., 145 tons, 104 ft., (1900), Edward Smith, Storrington.
- *Kennaghair, dge., 462 tons, 100 ft., (1908), William E. Phin, Welland, Ont.
- Kennedy, John, dge., 359 tons, 92 ft., (1892), Harbor Comrs., Montreal, Que.
- Kenosha, paddle stm., 266 tons, 112 ft., (1891), Jos. B. Parkin, Lindsay.
- Kenosha, stm., 225 tons, 100 ft., (1883), The Muskoka & Nipissing Nav. Co., Gravenhurst, Ont.

- †Keybell, stm., — tons, 245 ft., (1912), Keystone Transportation Co. of Canada, Ltd., Power Bldg., Montreal, Que.
- Kildonan, sail, 499 tons, 174 ft. (1888), Montreal Transp. Co., Ltd., Montreal, Que.
- Kilkeel, stm., 252 tons, 135 ft. (1895), Kilkeel Co., Ltd., Toronto, Ont.
- Killarney Belle, stm., 28 tons, 52 ft., (1892), The Manitoulin Ranch & Lumber Co., Ltd., Walkerville, Ont.
- Kimprose, sail, 146 tons, 109 ft., (1909), M. Robidoux, Yamaska, Que.
- King, Eurette, sail, 130 tons, 110 ft., (1887), Allan J. Holloway, Toronto.
- †Kingfisher, stm., 77 tons, 65 ft. (1904), Rat Portage Lumber Co., Ltd., Kenora, Ont.
- Kinghorn, bge., 303 tons, 131 ft. (1871), Montreal Transp. Co., Ltd., Montreal, Que.
- King, Maggie R., stm., 27 tons, 50 ft. (1872), William Finn et al., Cascade, Que.
- Kingsford, dredge, 270 tons, 85 ft., (1895), C. S. Boone, Toronto, Ont.
- †Kingston, paddle stm., 2925 tons, 288 ft., (1901), Canada Steamship Lines, Ltd., Toronto, Ont.
- Kingston, bge., 578 tons, 181 ft. (1898), Montreal Transp. Co., Ltd., Montreal, Que.
- Kippewa, bge., 57 tons, 83 ft. (1903), Patrick Kelly, Turtle Portage, Que.
- Kitchen, J. B., sail, 302 tons, 132 ft., (1873), James Playfair, Midland, Ont.
- Kolfage, John G., sail, 88 tons, 79 ft., (1869-1883), James Schell & R. Reid, Red Bay, Ont.
- L**
- L. S. No. 3, dredge, 383 tons, 100 ft., (1896), W. R. Parker, Toronto, Ont.
- L'Ami du Peuple, sail, 78 tons, 87 ft., (1874), Ignace Caron, Jr., St. Aime, Que.
- L'Audacieuse, sail, 48 tons, 56 ft., (1889), Louis Leclerc, Kamarouska, Que.
- L'Auréat, sail, 39 tons, 58 ft., (1879), Malcolm Hovington, Bon Desir, Que.
- L'Aurore, bge., 73 tons, 87 ft., (1878), Edmond Comptois, Sorel, Que.
- L'Aurore Boreale, sail, 127 tons, 107 ft., (1908), Jean B. A. Houde, St. Jean des Challeons, Que.
- L'Esperance en Marie, sail, 44 tons, 56 ft., (1881), Aime Guerin, St. Simeon, Que.
- L'Etoile de Mer, sail, 29 tons, 49 ft., (1897), Emile Dumont, Tadousac, Que.
- L'Etoile de Mer, sail, 82 tons, 78 ft., (1907), Jos. Boudreault, Ance St. Jean, Que.
- L'Exportation, bge., 108 tons, 96 ft., (1881), Ignace Carron, St. Aimé, Que.
- L'Imperial, bge., 338 tons, 140 ft., (1891), Canadian Forwarding & Export Co., Ltd., Montreal, Que.
- L'Infatigable, sail, 43 tons, 62 ft., (1904), Jean Bouliane, Escoumains, Que.
- L'Union, bge., 304 tons, 132 ft., (1888), A. Lomer, Montreal, Que.

- La Belle, stm., 75 tons, 72 ft., (1879), H. A. Hackett, Amherstburg.
- La Bergeronnes, sail, 40 tons, 65 ft., (1909), E. Tremblay, Grandes Bergeronnes, Que.
- Labranche, H., bge., 87 tons, 93 ft., (1872), Z. LeBrun, St. Aimé, Que.
- La Bellay, sail, 80 tons, 69 ft., (1900), Eloi Bellay, Mantane, Que.
- La Berard, scw., 233 tons, 104 ft., (1907), Jos. Berard, Montreal, Que.
- La Bienvenue, sail, 38 tons, 53 ft., (1896), Joseph Belanger, Trois Pistols, Que.
- La Canadienne, stm., 372 tons, 154 ft., (1880), Minister of Marine and Fisheries, Ottawa, Ont.
- La Marie Reine, sail, 99 tons, 88 ft., (1902), Arthur Boucher, St. Luce, Que.
- La Marinère, sail, 76 tons, 67 ft., (1893), Revillon Bros., Ltd., Montreal, Que.
- La Mouette, sail, 65 tons, 73 ft., (1877), W. S. Kennedy, Agwanus River, Labrador, Que.
- La Providence, bge., 94 tons, 100 ft., (1875), J. B. Allard, Jr., Sorel, Que.
- La Trinite, sail, 47 tons, 72 ft., (1891-1906), Jos. Gagne, Baie St. Rue, Que.
- Lac St. John, stm., 43 tons, 57 ft., (1907), Ferdinand Bergeron, et al., St. Jerome, Lac St. Jean, Que.
- Lac St. Pierre, sail, 89 tons, 91 ft., (1897), Agapit Daneau, St. Thomas, Que.
- Lac Superior, sail, 105 tons, 98 ft., (1879), A. Page, Berthier, Que.
- Lackawanna, bge., 154 tons, 106 ft., (1884), Ottawa Transp. Co., Ltd., Ottawa, Ont.
- +Lady Evelyn, stm., 483 tons, 189 ft., (1901), Postoffice Dept. of Canada, Ottawa, Ont.
- †Lady Gray, stm., 733 tons, 172 ft., (1906), Minister of Marine & Fisheries, Ottawa, Ont.
- Lady Ida, paddle stm., 28 tons, 54 ft., (1878), John Eldridge, Omamee.
- Lady of Gaspe, (formerly Restigouche), 1,189 tons, 229 ft., (1877), J. A. Bouchard, Quebec, Que.
- Lady of the Lake, stm., 607 tons, 153 ft., (1867), F. A. McKinnon, Montreal, Que.
- Lady of the Lake, stm., 47 tons, 70 ft., (1902), Frank Henman, Thornbury.
- Lady of the Lake, stm., 33 tons, 60 ft., (1897), W. B. Kelly, Bridgenorth.
- Lady Smith, sail, 76 tons, 86 ft., (1900), Wm. H. White, Lakefield.
- †Lady Minto, stm., 403 tons, 141 ft., (1903), Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
- Lafleur, N., sail, 38 tons, 63 ft., (1901), N. Lafleur, Ste. Antoine de Gilley, Que.
- Lafreniere et St. Onge, 131 tons, 103 ft., (1874), James Williamson, Grenville, Que.
- Laird, McAulay, stm., 88 tons, 74 ft., (1907), Donald McAuley, Southampton, Ont.
- Lake Michigan, stm., 588 tons, 136 ft., (1872), Malcolm McKenzie, et al., Sarnia, Ont.
- Lakefield, stm., 33 tons, 63 ft., (1904), Frank and A. F. Stanton, Sparrow Lake, Muskoka.
- LaFeside, stm., 348 tons, 121 ft., (1888), Lakeside Nav. Co., Ltd., Walkerville.

- Lala, sail, 45 tons, 67 ft., (1904), James Richardson Co., Ltd., Matane, Que.
 Laliberté, sail, 135 tons, 110 ft., (1875), N. Heroux and D. Lefebvre, Deschambault, Que.
- †Lambton, stm., 323 tons, 108 ft., (1909), Minister of Marine and Fisheries, Ottawa, Ont.
- Lanark, dredge, 132 tons, 79 ft., (1907), Lyon Cohen, Montreal, Que.
- Lancaster, stm., 100 tons, 65 ft., (1895), J. Hogue and C. Bellefeuille, Valleyfield, Que.
- Lancaster, bge., 220 tons, 125 ft., (1873), Pierre Paul, Sorel, Que.
- Langdon, James R., stm., 2,044 tons, 240 ft., (1889), Quebec & Point Levis Ferry Co., Quebec, Can.
- Langevin, Hon. Hector, sail, 90 tons, 80 ft., (1902), Wm. Fruing & Co., Ltd., Jersey, Can.
- †Lansdowne, pass, stm., 1,571 tons, 294 ft., (1884), G. T. R. Co., Montreal, Que.
- Lapwing, sail, 516 tons, 175 ft., (1892), The Montreal Trans. Co., Ltd., Montreal, Que.
- Larned, L. C., sail, 43 tons, 72 ft., (1875), D. W. Crowe, Chatham.
- Laroche, D. N., bge., 140 tons, 106 ft., (1905), Nazaire Laroche, Sorel, Que.
- Larson, Julia, sail, 61 tons, 72 ft., (1877), M. Kindy, Niagara Falls, Ont.
- La Tuque, stm., 110 tons, 76 ft., (1906), O., Laing & M. Clouthier, Grandes Piles, Que.
- Laura A., stm., 26 tons, 44 ft., (1905), G. C. Allan, Fort Frances, Ont.
- Laura, bge., 339 tons, 142 ft., (1895), Canadian Forwarding & Export Co., Ltd., Montreal, Que.
- Laura D., sail, 36 tons, 64 ft., (1884), Arthur Sudds, Simcoe Island, Ont.
- Laura Grace, stm., 86 tons, 76 ft., (1901), The Lake Superior Tug Co., Ltd., Port Arthur.
- Laure Hortense, sail, 50 tons, 67 ft., (1906), V. Duchene, St. Irene, Que.
- Laurentides, sail, 55 tons, 65 ft., (1890), Francois Bouchard, Quebec, Que.
- Laurin & Leitch No. 1, dredge, 297 tons, 74 ft., (1909), Laurin & Leitch, Montreal, Que.
- Lauzon, stm., 419 tons, 133 ft., (1910), Levis Ferry, Ltd., Levis, Que.
- Laval, dge., 296 tons, 153 ft. (1893), Minister of Public Works, Ottawa, Ont.
- Laverdure, E. G., stm., 54 tons, 66 ft., (1889), E. A. D. Morgan, Montreal, Que.
- L. C. & S. No. 1, scw., 53 tons, 57 ft. (1906), Lyon Cohen, Montreal, Que.
- L. C. & S. No. 3, scw., 91 tons, 79 ft. (1908), Lyon Cohen, Montreal, Que.
- L. C. & S. No. 4, bge., 26 tons, 66 ft. (1904), Lyon Cohen, Montreal, Que.
- L. C. & S. No. 6, bge., 35 tons, 60 ft. (1905), Lyon Cohen, Montreal, Que.
- L. C. & S. No. 7, scow, 37 tons, 49 ft., (1910), Lyon Cohen, Montreal, Que.

- L. C. & S. No. 8, scw., 120 tons, 80 ft. (1907),
Lyon Cohen, Montreal, Que.
- L. C. & S. No. 9, scw., 127 tons, 82 ft. (1907),
Lyon Cohen, Montreal, Que.
- L. C. & S. No. 10, scw., 106 tons, 78 ft. (1906),
Lyon Cohen, Montreal, Que.
- L. C. & S. No. 11, scw., 86 tons, 71 ft. (1906),
Lyon Cohen, Montreal, Que.
- L. C. & S. No. 12, scw., 43 tons, 55 ft. (1907),
Lyon Cohen, Montreal, Que.
- L. C. & S. No. 13, scw., 84 tons, 71 ft. (1906),
Lyon Cohen, Montreal, Que.
- L. C. & S. No. 14, scw., 39 tons, 61 ft. (1905),
Lyon Cohen, Montreal, Que.
- L. C. & S. No. 15, scw., 39 tons, 55 ft. (1906),
Lyon Cohen, Montreal, Que.
- L. C. & S. No. 16, scw., 55 tons, 64 ft. (1906),
Lyon Cohen, Montreal, Que.
- L. C. & S. No. 17, scw., 55 tons, 67 ft. (1906),
Lyon Cohen, Montreal, Que.
- L. C. & S. No. 18, scw., 43 tons, 61 ft. (1906),
Lyon Cohen, Montreal, Que.
- Le Canadien, sail, 31 tons, 54 ft. (1895),
Xavier Gagne, Tadousac, Que.
- Le Colon, stm., 173 tons, 79 ft. (1894), E.
F. Wurtele, Quebec, Que.
- Le Maria, sail, 117 tons, 100 ft. (1901), Ed-
mund Sauvageau, Champlain, Que.
- Le Point du Jour, bge., 123 tons, 103 ft.
(1895), Pierre Paul, St. Joseph de Sorel,
Que.
- Le Roberval, stm., 126 tons, 86 ft., (1902),
La Cie de Pulpe de Roberval, Roberval,
Que.
- Le Voiler, sail, 94 tons, 97 ft., (1908), Fidele
Laliberte, St. Jean des Chailions, Que.
- Lebrun, Z., sail, 94 tons, 93 ft., (1908), Z. Le-
brun, St. Aime, Que.
- Leda, bge., 122 tons, 105 ft., (1873), F. X.
Croteau, Leclercville, Que.
- Leda, bge., 148 tons, 105 ft., (1890), Thomas
Gauthier, Montreal, Que.
- Lee, Senior, John, stm., 88 tons, 86 ft., (1888),
John Lee, Sr., Wallaceburg.
- Leeson, Margaret Jane, sail, 148 tons, 113 ft.,
(1879), Joseph Battle, Thorold, Ont.
- Lemcke, Charles, stm., 101 tons, 92 ft.,
(1909), Lemcke Tug Co., Ltd., Lion's
Head, Ont.
- Lemoine, Frances, dredge, 232 tons, 78 ft.,
(1901), Frances Lemoine, Montreal, Que.
- Leona, sail, 145 tons, 108 ft., (1888), A. Mar-
tineau, Yamaska, Que.
- Lepine, R., bge., 128 tons, 112 ft., (1884),
William Owens, Stonefield, Que.
- Leopold, sail, 144 tons, 107 ft., (1891), P.
Desmaris, Notre Dame de Pierreville, Que.
- Leopold, sail, 93 tons, 80 ft., (1889), Henri
Carré, Port au Persil, Que.
- Les Ecureuilis, 57 tons, 65 ft., (1892), Joseph
Lajoie, St. Fulgence, Que.
- Levis, stm., 419 tons, 133 ft., (1910), Levis
Ferry, Ltd., Levis, Que.
- Lewis, E. G., bge., 113 tons, 96 ft., (—),
Stephen Bradley, Toronto, Ont.
- Lewis, Elgin L., stm., 50 tons, 70 ft. (1904),
Traders' Bank of Canada, Toronto, Ont.
- Lib, stm., 31 tons, 62 ft. (1908), Thos. Gau-
thier, Montreal, Que.

- Liberal, sail, 186 tons, 107 ft. (1883), F.
 Marchesault, St. Ours, Que.
 Libérateur, bge., 156 tons, 104 ft. (1871), L.
 Delisle, Valleyfield, Que.
 Lieuedin, Minnie, sail, 64 tons, 94 ft., (1878),
 C. F. Gildersleeve, Kingston.
 Lillie, sail, 46 tons, 70 ft., (1884), Julia Neveaux,
 Windsor.
 Lina, bge., 108 tons, 98 ft. (1869), Ant. La-
 velleé, Sorel, Que.
 Lind, Jenny, sail, 101 tons, 103 ft. (1885),
 J. Laforet, Sorel, Que.
 Lintonia, stm., 58 tons, 82 ft., (1910), C. F.
 Gray, Lakefield, Ont.
 †Lisgar, stm., 210 tons, 91 ft., (1909), Minis-
 ter of Public Works, Ottawa, Ont.
 Lispeth, stm., 25 tons, 45 ft., (1909), Rat
 Portage Lumber Co., Ltd., St. Boniface,
 Man.
 Little Ada, stm., 236 tons, 112 ft. (1863-
 Robert F. Grant, Three Rivers, Que.
 Little Giant, dge., 133 tons, 79 ft. (1908),
 Lyon Cohen, Montreal, Que.
 Livon, sail, 167 tons, 108 ft. (1889), Pros-
 père Laplante, Lachine, Que.
 Little Lake, scow, 50 tons, 71 ft., (1908), Wm.
 Irwin, Peterboro, Ont.
 Locke, P. B., sail, 305 tons, 134 ft., (1888),
 Point Anne Quarries, Ltd., Toronto.
 Logie, John, stm., 37 tons, 76 ft., (1893), John
 Logie, Southampton.
 Longueuil, paddle stm., 379 tons, 170 ft., (1884-
 1890), Canada Steamship Lines, Ltd.,
 Toronto, Ont.
- Longueuil, bge., 275 tons, 171 ft. (1868), E.
 Haynemand, Lanoraie, Que.
 Lorancia, stm., 346 tons, 112 ft., (1909),
 Zephirin Leroux, Valleyfield, Que.
 Loranço, sail, 118 tons, 107 ft. (1856), E.
 Desmarais, St. Francois du Lac, Que.
 Loranço, sail, 33 tons, 60 ft. (1902), George
 Lavoie, La Petite Riviere, St. Francois
 Xavier, Que.
 Lord Dufferin, bge., 110 tons, 103 ft. (1873),
 Alfred Charland, Yamaska, Que.
 †Lord Strathcona, stm., 495 tons, 160 ft.
 (1902), J. L. Davies, Levis, Que.
 †Loretta, stm., 76 tons, 77 ft. (1907), Minis-
 ter of Railways and Canals, Ottawa, Ont.
 Lorraine, sail, 63 tons, 81 ft., (1882), Jno. S.
 Phillips, Wolfe Island.
 †Lotbiniere, stm., 146 tons, 78 ft., (1903), Min-
 ister of Marine & Fisheries, Ottawa, Ont.
 Lothair, stm., 413 tons, 129 ft., (1872), J. C.
 Miller, Parry Sound.
 Lotus, stm., 26 tons, 44 ft., (1906), J. H.
 Wilmott, Beaumaris, Ont.
 Lotus, sail, 56 tons, 45 ft., (1889), R. B. Rogers,
 Peterborough.
 Louisville, stm., 383 tons, 120 ft., (1909),
 Cumille Salvas, Pierreville, Que.
 Louisa, sail, 76 tons, 69 ft. (1888), Francis
 Gagnon, Cap Chatte, Que.
 Louisiana, sail, 106 tons, 84 ft. (1874), J.
 B. R. Thibaudeau, Portneuf, Que.
 Lower Traverse, bge., 142 tons, 93 ft. (—),
 Minister of Marine and Fisheries, Otta-

- Lucia, stm., 41 tons, 67 ft. (1898), Sincennes
 McNaughton Line, Ltd., Montreal, Que.
 Lucien, sail, 136 tons, 110 ft. (1907), Mdme.
 Marie Beaudet, St. Jean Deschaillons,
 Que.
 Lucille, stm., 30 tons, 62 ft., (1889), C. Beck
 Mfg. Co., Ltd., Penetanguishene.
 Lucina, stm., 32 tons, 47 ft., (1905), A.
 Marchildon, Three Rivers, Que.
 Lucina, sail, 37 tons, 61 ft. (1888), Alex-
 ander Trepanier, Chateau Richer, Que.
 Lue, sail, 58 tons, 86 ft., (1896), A. Rene,
 Pierreville, Que.
 Luella, stm., 38 tons, 66 ft., (1880), The Tor-
 onto Ferry Co., Ltd., Toronto.
 Luff, Sophia J., sail, 252 tons, 140 ft. (1866),
 Quebec Transp. & Forwarding Co., Ltd.,
 Quebec, Que.
 Lumber, sail, 47 tons, 71 ft. (1894), Alex.
 McLaren, Buckingham, Que.
 Lumina, Louis, bge., 82 tons, 98 ft. (1869)
 A. A. Larocque, Sorel, Que.
 Lumina, sail, 44 tons, 59 ft. (1872), Adeland
 Fournier, St. Jean, Port Joli, Que.
 Lumina, sail, 51 tons, 52 ft., (1908), Adeland
 Warren, Malbaite, Que.
 Lydon, Mary Ann, sail, 180 tons, 112 ft.,
 (1874), Matthew Patterson, Kingston,
 Ont.
 Lyon C., stm., 40 tons, 53 ft., (1909), Lyon
 Cohen, Montreal, Que.
 †Lyon, Charles, stm., 1,658 tons, 280 ft., (1908),
 Canadian Pac. Car. & Pass. Transfer Co.,
 Ltd., Prescott, Ont.
- Lyon, Nemie, stm., (formerly *Academy*), 507
 tons, 145 ft., (1880), O. E. Fleming, Wind-
 sor, Ont.
 Lys, sail, 36 tons, 82 ft. (1879), A. Gervais,
 St. Louis, Que.
- M**
- McAulay, Frank G., stm., 43 tons, 67 ft., (1898),
 N. S. Cornell, Port Stanley, Ont.
 McAulay, Laird, stm., 88 tons, 74 ft., (1907),
 Donald McAulay, Southampton, Ont.
 McBride, John, sail, 42 tons, 58 ft., (1877), Ed.
 Quinn, Belleville.
 McCarthy, bge., 254 tons, 125 ft. (1871),
 Montreal Transp. Co., Ltd., Montreal,
 Que.
 McCarthy, D'Alton, stm., 45 tons, 65 ft.,
 (1893-1909), W. G. Goodchild, Tp. of Mal-
 den, Ont.
 McCarthy, Leighton, stm., 36 tons, 63 ft.,
 (1904), W. A. Clarke and Thomas Drever,
 Collingwood.
 McD. & C., No. 1, sail, 61 tons, 66 ft., (1897),
 John Carew, Lindsay.
 McD & C., No. 2, sail, 54 tons, 62 ft., (1897).
 John Carew, Lindsay.
 McDonald, J. H., stm., 41 tons, 65 ft., (1902),
 J. P. McDonald, Blind River.
 McDonald, M. G., stm., 29 tons, 58 ft., (1895);
 Canadian Fish Transp. Co., Ltd., Blind
 River, Ont.
 McDonald, Mabel, stm., 42 tons, 64 ft., (1891),
 Randolph Macdonald Co., Ltd., Toronto,
 Ont.

- McIntosh, G. P., stm., 58 tons, 78 ft., (1888),
M. J. Logan, Port Colborne, Ont.
- McKay, John, stm., 34 tons, 68 ft. (1901),
Dominion Fish Co., Ltd., Winnipeg, Man.
- McKeon, James, stm., 36 tons, 52 ft., (1893),
Blind River Towing Co., Ltd., Sarnia.
- McLaurin, Alexander, bge., 162 tons, 106 ft.
(1907), John C. Kaine, Quebec, Que.
- McLean, Maggie, stm., 37 tons, 69 ft., (1886),
French River Boom Co., Essex.
- McLeod, D., stm., 36 tons, 69 ft., (1903), Do-
minion Fish Co., Ltd., Winnipeg, Man.
- McMahon, Agnes, stm., 81 tons, 96 ft. (1870),
I. Clement, Montreal, Que.
- McMaugh, Heward, stm., 42 tons, 47 ft.,
(1898), M. P. Davis, Ottawa.
- McNaughton, stm., 137 tons, 92 ft. (1886),
Dominion Dredging Co., Ltd., Ottawa.
- McPherson, R. B., stm., 30 tons, 53 ft., (1872),
James Morrow, Collingwood.
- McRae, John, stm., 34 tons, 62 ft. (1905),
John McRae, Meaford, Ont.
- McRae, J. W., bge., 119 tons, 97 ft. (1880),
Edmond Comptois, Sorel, Que.
- McRae, Wm. F., stm., 46 tons, 65 ft., (1880), J.
Mayhew, Moore, Ont.
- McVea, E. J. sail, 278 tons, 140 ft., (1873), W. W.
Stover, Sombra.
- Mabel, sail, 59 tons, 87 ft., (1883), Wm. Jones,
Belleville.
- Mabel D., stm., 38 tons, 64 ft. (1907), S.
G. Story and T. D. Irving, Blenheim,
Ont.
- Mabel G., sail, 82 tons, 50 ft., (1899), W. M.
Thompson, Penetanguishere.
- Mabel M., bge., 129 tons, 103 ft. (1883), Jos.
Mochon, Iberville, Que.
- Maberly, dge., 110 tons, 83 ft. (1907), Lyon
Cohen, Montreal, Que.
- †Macassa, stm., 529 tons, 178 ft., (1888 and
1905), Canada Steamship Lines, Ltd.,
Toronto, Ont.
- †Mackay, Robert, stm., 129 tons, 79 ft. (1899).
Harbor Comrs., Montreal, Que.
- Madeline, sail, 39 tons, 69 ft., (1882), Geo.
Parker, Dumbarton.
- Madge, sail, 335 tons, 130 ft., (1897). Can-
ada Sugar Refining Co., Ltd., Montreal,
Que.
- Madona, sail, 258 tons, 120 ft. (1899), Chas.
Mongau, Ste. Anne de Sorel, Quebec, Que.
- Magee, John, bge., 312 tons, 142 ft. (1869),
Mrs. Antoine Robillard, Montreal, Que.
- Maggie, stm., 37 tons, 62 ft., (1873), Edward
Armstrong, Port Colborne.
- Maggie, bge., 415 tons, 166 ft. (1869), Alex-
ander Laplante, Lachine, Que.
- Maggie L., sail, 42 tons, 67 ft., (1889), Richard
La Rush, Kingston.
- Maggie May, stm., 29 tons, 51 ft., (1891), Thos.
Weir, Chatham.
- Maggie May, stm., 46 tons, 58 ft., (1889), W.
Gartshore, Parry Sound.
- Magill, C. J., bge., 373 tons, 139 ft. (1863),
Archibald McInnes, Windsor, Ont.
- Maganetawan, stm., 25 tons, 67 ft., (1901),
William E. Bigwood, Toronto, Ont.

Magnolia, stm., 367 tons, 136 ft., (1898), Canada Steamship Lines, Ltd., Toronto, Ont.
 Magnum, sail, 76 tons, 87 ft. (1895), Severe Larosei, St. Thomas de Pierreville, Que.
 Maid of the Mist, stm., 62 tons, 71 ft., (1885), Richard Carter, Niagara Falls.
 Main, Florence, stm., see Mohawk Belle.
 Maisonneuve, stm., 26 tons, 75 ft., (1894), Minister of Marine & Fisheries, Ottawa.
 Maitland, Thos., stm., 107 tons, 89 ft., (1899), J. Maitland, Owen Sound.
 Maize, sail, 294 tons, 136 ft., (1856), J. F. Sowards, Kingston, Ont.
 Majestic, stm., 135 tons, 82 ft. (1898), Rainy River Nav. Co., Kenora, Ont.
 Majestic, stm., 1,578 tons, 209 ft., (1895), Canada Steamship Lines, Ltd., Toronto, Ont.
 Malden, sail, 65 tons, 77 ft., (1886), J. S. McQueen, Amheistburg, Ont.
 Malta, sail, 198 tons, 137 ft., (1868), Mrs. Mary M. Blodgett, Windsor.
 Malvina, bge., 107 tons, 109 ft. (1896), Montreal Sand & Gravel Co., Ltd., Montreal, Que.
 Mamie, sail, 370 tons, 129 ft., (1897), Montreal Transp. Co., Ltd., Montreal, Que.
 Maneta, stm., 34 tons, 66 ft., (1900), Geo. A. Smith, Bobcaygeon.
 Manicouagan, stm., 29 tons, 50 ft. (1899), Manicouagan & English Bay Export Co., Quebec, Que.
 Manicouagan, bge., 143 tons, 93 ft. (—), Minister of Marine & Fisheries, Ottawa, Ont.
 Manistique, stm., 474 tons, 151 ft., (1882), The Sarnia Bay Towing & Salvage Co., Ltd., Sarnia.
 †Manitoba, stm., 2616 tons, 303 ft., (1889), Canadian Pacific Ry. Co., Montreal, Que.
 Manitoba, sail, 75 tons, 103 ft., (1882), Benjamin Tett, Bedford Mills.
 Manitou, stm., 470 tons, 137 ft., (1903), Dominion Fish Co., Ltd., Winnipeg, Man.
 Manoa, sail, 34 tons, 60 ft. (1906), Mrs. Louise M. Ames, Montreal, Que.
 Manseau, sail, 67 tons, 82 ft., (1908), Geo. Dansereau, Grenville, Que.
 Mansfield, stm., 169 tons, 105 ft. (1889), F. X. St. Jean, Gatineau Point, Que.
 Manxman, stm., 74 tons, 72 ft. (1873), J. O. Lafreniere, Montreal, Que.
 Maple Leaf, stm., 26 tons, 59 ft., (1884), Kennedy & Davis Milling Co., Ltd., Lindsay, Ont.
 Maple Leaf, bge., 34 tons, 62 ft. (1890), Walter Ross, Kenora, Ont.
 Maple Leaf, sail, 28 tons, 47 ft., (1871-1890), Wm. Berry, Pt. Stanley.
 Maple Leaf, sail, 59 tons, 70 ft., (1886), Richard Goldring, Toronto.
 Marchment, S. W., stm., 89 tons, 97 ft., (—), E. Bedford and T. Hough, Toronto, Ont.
 Maria, stm., 31 tons, 49 ft., (1901), W. J. Poupore, Montreal, Que.
 Maria, sail, 40 tons, 56 ft., (1897), J. Boudreault, Moisie River, Que.
 Maria, sail, 27 tons, 56 ft., (1903), Ernest Hamel, St. Jean Deschailons, Que.

- Maria Decora, sail, 37 tons, 55 ft., (1887),
 C. Savard, St. Fulgence, Que.
 Maria Stella, sail, 61 tons, 69 ft., (1901),
 Arthur Tremblay, Portneuf, Que.
 Marie, sail, 42 tons, 62 ft., (1892), P. Guerin,
 Mille Vaches, Que.
 Marie, stm., 31 tons, 72 ft., (1872), H. Brule,
 Sorel, Que.
 Marie Adela, sail, 55 tons, 59 ft., (1888),
 Lazare Michaud, Trois Pistoles, Que.
 Marie Adelaide, sail, 29 tons, 51 ft., (1872),
 F. C. Boulianne, Bon Desir, Que.
 Marie Adele, sail, 149 tons, 108 ft., (1874),
 Olivier Rivard, Grondines, Que.
 Marie Alice, sail, 53 tons, 70 ft., (1897),
 Louis Delisle, Ste. Croix, Que.
 Marie Alma, stm., 52 tons, 64 ft., (1900),
 Joseph Derry, Roberval, Que.
 Marie, sail, 25 tons, 52 ft., (1901), Edward
 Lavoie, Bay St. Paul, Que.
 Marie Almada, sail, 44 tons, 64 ft., (1903),
 Francois Gaumont, Berthier, Que.
 Marie Alvina, sail, 49 tons, 57 ft. (1872),
 Honoré Tremblay, Malbaie, Que.
 Marie Ange, sail, 87 tons, 74 ft. (1899),
 Charles Gagné, Sr., St. Octave de Métiis,
 Que.
 Marie Ange, sail, 75 tons, 76 ft. (1902), Jos.
 Tremblay, St. Simeon, Que.
 Marie Anna, sail, 27 tons, 50 ft. (1901), An-
 toine Riverin, Malbaie, Que.
 Marie Anna, sail, 31 tons, 51 ft. (1901), Louis
 Tremblay, Isle aux Coudres, Que.
- Marie Anne, sail, 35 tons, 54 ft. (1875), A.
 Letellier, Quebec, Que.
 Marie Anne, sail 75 tons, 80 ft. (1897), W.
 Patry, Chateau Richer, Que.
 Marie Anne, sail, 61 tons, 59 ft. (1887), L.
 A. Boivin, Cap Chatte, Que.
 Marie Anne, sail, 108 tons, 90 ft. (1891), X.
 Boisvert, Ste. Croix, Que.
 Marie Anne, sail, 59 tons, 64 ft. (1894), F.
 Tremblay, St. Simeon, Que.
 Marie Anne, sail, 59 tons, 68 ft. (1905), Chas.
 Lajoie, St. Fulgence, Que.
 Marie Antoinette, sail, 46 tons, 61 ft. (1901),
 Hidalla and E. Lavoie, Bate St. Paul, Que.
 Marie Blanche, sail, 40 tons, 54 ft. (1885),
 A. Roy dit Desjardins, St. Germain, Que.
 Marie Celina, sail, 38 tons, 55 ft. (1866),
 Louis Bois, St. Simeon, Que.
 Marie Clodia, sail, 52 tons, 64 ft. (1894), C.
 Bélangier, Les Escoumains, Que.
 Marie Eliza, sail, 27 tons, 47 ft. (1874), John
 Savard, St. Simeon, Que.
 Marie Emélie, sail, 56 tons, 60 ft. (1884), B.
 Beadrout, Anse St. Jean, Que.
 Marie Emma, sail, 56 tons, 64 ft. (1897), P.
 Pineault, Rimouski, Que.
 Marie Emma, sail, 54 tons, 68 ft. (1905),
 A. Cote, St. Alexis, Que.
 Marie Isabelle, sail, 38 tons, 48 ft. (1881),
 Henry Dinning, Quebec, Que.
 Marie Jeanne, sail, 128 tons, 97 ft. (1873-
 1895), J. Tremblay, Murray Bay, Que.
 Marie Joseph, sail, 47 tons, 61 ft., (1892), S.
 Bernier, Montmagny, Que.

- Marie Joseph, sail, 41 tons, 63 ft. (1905), J. Bluteau, La Petite Riviere, St. Francois Xavier, Que.
 Marie Josephine, stm., 117 tons, 88 ft. (1891), Eugene Lamontagne, Quebec, Que.
 Marie Laure, sail, 33 tons, 50 ft. (1881), Amable Letourneau, St. Thomas, Que.
 Marie Léda, sail 54 tons, 50 ft. (1880), Luc Tremblay, Portneuf, Que.
 Marie Louise, stm., 99 tons, 94 ft. (1889), E. Gagnon, Ste. Anne de Chicoutimi, Que.
 Marie Loui.e, stm., 32 tons, 51 ft., (1900), Jos. Briggs Parkin, Lindsay.
 Marie Louise, sail, 31 tons, 48 ft. (1872), Alfred Tremblay La Petite Riviere, St. Francois-Xavier, Que.
 Marie Louise, sail, 90 tons, 77 ft. (1875), F. Thibodeau, Portneuf, Que.
 Marie Louise, sail, 38 tons, 52 ft. (1872), Alfred Tremblay, Grandes Bergeronnes, Que.
 Marie Louise, sail, 39 tons, 51 ft. (1877), Charles Couillard, Sandy Bay, Que.
 Marie Louise, sail, 29 tons, 50 ft. (1905), J. Lavoie, St. Fidele, Que.
 Marie Louise Elida, sail, 31 tons, 52 ft. (1897), C. Rioux, Isle Verte, Que.
 Marie Louisiana, sail, 61 tons, 64 ft. (1894), Francois Foster, St. Simeon, Que.
 Marie Louisina, sail, 29 tons, 50 ft. (1880), Désiré Morin, L'Islet, Que.
 Marie Philomene, sail, 63 tons, 60 ft. (1877), Mrs. Elizabeth Roy, Baie St. Paul, Que.
 Marie Rosenna, sail, 26 tons, 48 ft., (1901), Léon Elie, Baie St. Paul, Que.
 Marie St. Laurent, sail, 31 tons, 52 ft., (1908), J. and M. Harvey, Isle aux Coudres, Que.
 Marie Stella, sail, 143 tons, 107 ft., (1893), J. Donnelly, Jr., Kingston.
 Marie Vigilante, sail, 39 tons, 71 ft., (1888), Eucher Lachance, Goose Island, Que.
 Marie Vigilante, sail, 41 tons, 56 ft. (1897), William Tremblay, Malbate, Que.
 Mariposa, sail, 115 tons, 99 ft., (1896), Z. Gosselin, St. Antoine de Lotminiére, Que.
 Marks, Kate, stm., 54 tons, 52 ft., (1875), Thos. Marks, Port Arthur.
 Marquis of Lorne, bge., 168 tons, 104 ft., (1879), Norbert Leclair, Contrecoeur, Que.
 Marshall, Charlie, sail, 206 tons, 122 ft. (1881), Geo. Plunkett and D. Rooney, Jr., Cobourg.
 Marshall, Frank, stm., 30 tons, 52 ft., (1903). Frank Marshall, Kenora, Ont.
 Marshall, Samuel, stm., 772 tons, 198 ft., (1888), Central Canada Coal Co., Ltd., Toronto, Ont.
 Marteau, sail, 61 tons, 73 ft., (1888-1905), Joseph Dufour, St. Fidele, Que.
 †Martian (nee Mars), stm., 3,748 tons, 346 ft., (1901), Canada Steamship Lines, Ltd., Toronto, Ont.
 Martin, Frances, stm., 27 tons, 50 ft., (1909), Wm. Martin, Penetanguishene, Ont.
 Martin, C. C., stm., 70 tons, 71 ft., (1906), Mrs. Mary Martin, Midland, Ont. Lost 1911.

- Marwick, David, stm., 30 tons, 60 ft., (1905),
Wm. Leslie, A. Leslie and Geo. Bellrose,
Tobermory, Ont.
- Mary, stm., 53 tons, 65 ft., (1875), Montreal
Transp. Co., Ltd., Montreal, Que.
- Mary, sail, 54 tons, 59 ft., (1873), Emile
Potvin, St. Alexis, Que.
- Mary Ann, sail, 57 tons, 78 ft., (1867), Fig-
eon River Lumber Co., Port Arthur.
- Mary Ann, bge, 90 tons, 89 ft., (1860), Gil-
bert Pilant, Montreal, Que.
- Mary Ellen, paddle stm., 81 tons, 55 ft.,
(1868), Wm. Needler, Lindsay.
- Mary Ethel, paddle stm., 99 tons, 93 ft.,
(1879), Trenton & Bay of Quinte Nav.
Co., Ltd., Trenton.
- Mary Louise, stm., 60 tons, 77 ft., (1902),
Jehoida Coon, Morton, Ont.
- Mary R., stm., 44 tons, 47 ft., (1897), David
McLeod, Port Colborne.
- Masonic, stm., 39 tons, 58 ft., (1893), Wm. C.
Gidley, Hamilton.
- Mather, stm., 145 tons, 87 ft., (1905), Kee-
watin Lumbering & Mfg. Co., Ltd., Kee-
watin, Ont.
- †Mathida, stm., 114 tons, 72 ft., (1899), Sin-
cennes McNaughton Line, Ltd., Mon-
treal, Que.
- Matilda, bge, 139 tons, 104 ft., (1873), J.
Courteau, Nicolet, Que.
- †Matthews, W. D., stm., 3965 tons, 366 ft.,
(1903), St. Lawrence & Chicago Steam
Nav. Co., Ltd., Toronto, Ont.
- Maud, stm., 54 tons, 72 ft., (1874), Antoine
St. Pierre, Three Rivers, Que.
- Maud L., stm., 48 tons, 75 ft., (1907), Clar-
ence E. and Edwin S. Pratt, Parry
Sound, Ont.
- Maud D., stm., 81 tons, 71 ft., (1904), Walter
G. Lumber, Toronto, Ont.
- Maud S., sail, 25 tons, 52 ft., (1884), Robert
Osborne, Bronte, Ont.
- Maxwell, A., stm., 98 tons, 80 ft., (1890-
1909), Dan McAulay, Southampton, Ont.
- May, Lulu, stm., 34 tons, 66 ft., (1910), An-
drew Graham, Port Stanley, Ont.
- May Flower, stm., 26 tons, 49 ft., (1890), F.
Morua, Waubaushene.
- Mayflower, stm., 29 tons, 50 ft. (1877), Jas.
McLaren, Buckingham, Que.
- Mayflower, stm., 59 tons, 77 ft. (1904), H. E.
Hudson et al., Cobermere, Ont.
- †Mayflower stm., 189 tons, 140 ft. (1890),
Toronto Ferry Co., Ltd., Toronto, Ont.
- †Mayflower, paddle stm., 189 tons, 140 ft.,
(1890), Toronto Ferry Co., Ltd., Toronto.
- Maytham, Geo., stm., 40 tons, 53 ft., (1870),
D. B. McCrae, Meldrum Bay.
- Mazar, sail, 107 tons, 98 ft. (1899), Canada
Quarry & Transp. Co., Ltd., Montreal,
Que.
- Mazeppa, stm., 146 tons, 101 ft., (1884), Law-
rence Solman, Toronto.
- M. B. & Co., No. 1, sail, 87 tons, 86 ft.,
(1892), Mossom M. Boyd, Bobcaygeon.
- M. B. & Co., No. 2, sail, 99 tons, 88 ft.,
(1890), Mossom M. Boyd, Bobcaygeon.

- M. B. & Co., No. 3, sail, 100 tons, 80 ft., (1892), Mossom M. Boyd, Bobcaygeon.
- M. B. & Co., No. 4, sail, 76 tons, 70 ft., (1890), Mossom M. Boyd, Bobcaygeon.
- M. C. No. 3, bge., 130 tons, 86 ft. (1896), M. Connolly, Quebec, Que.
- M. C. No. 4, bge., 130 tons, 86 ft. (1896), M. Connolly, Quebec, Que.
- Meda, sail, 27 tons, 58 ft., (1896), C. W. Trenholme, Montreal, Que.
- †Medora, stm., 377 tons, 142 ft. (1893), The Muskoka Lakes Nav. & Hotel Co., Ltd., Toronto.
- Medora, sail, 124 tons, 98 ft. (1873), Damase Beaudette, Ste. Emélie, Que.
- Medway, sail, 90 tons, 90 ft. (1873), M. Mongeau, Sorel, Que.
- Melinda, sail, 102 tons, 94 ft. (1883), Alfred Boucher, Sorel, Que.
- Melrose, sail, 740 tons, 183 ft. (1895), Montreal Transportation Co., Montreal.
- M. Elvina C., sail, 47 tons, 53 ft. (1904), Jos. Chartier, Cacouna, Que.
- Menodora, stm., 73 tons, 67 ft., (1901), Midland Towing & Wrecking Co., Ltd., Midland.
- Mercier, Honorable, 84 tons, 80 ft. (1897), D. Perron and J. Bouchard, Grande Baie, Chicoutimi, Que.
- Merlin, bge., 146 tons, 106 ft., (1881), Dickson Anderson, Montreal, Que.
- Merrill, Julia B., sail, 190 tons, 128 ft., (1872), Henry Daryaw, Kingston, Ont.
- Merritt, C. H., stm., 122 tons, 85 ft., (1883), A. M. Clark, Marysburgh.
- Merry-thought, sail, 39 tons, 56 ft., (1895), E. G. Staunton, Toronto.
- Mersey, bge., 96 tons, 100 ft., (1888), John Burstall, Quebec, Que.
- Messenger, sail, 94 tons, 84 ft., (1881), Geo. Moberley, Collingwood.
- Meteor, stm., 299 tons, 130 ft., (1897), Temiscaming Nav. Co., Ltd., Mattawa, Ont.
- Meteor, stm., 47 tons, 52 ft., (1902), Geo. Ross, Port Robinson.
- Meteor, bge., 105 tons, 97 ft., (1871), Z. Gosselin, St. Antoine de Tilly, Que.
- Metzner, Lizzie, sail, 91 tons, 82 ft., (1888), E. Ellis, Picton, Ont.
- Michigan, bge., 206 tons, 122 ft., (1871), Dickson Anderson, Montreal, Que.
- Midland, formerly D. L. White, stm., 56 tons, 62 ft., (1896), The Canada Iron Furnace Co., Ltd., Midland, Ont.
- †Midland King, stm., 3,965 tons, 366 ft., (1903), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Midland Prince, stm., 6,636 tons, 474 ft., (1907), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Midland Queen, stm., 1993 tons, 249 ft., (1901), Canada Steamship Lines, Ltd., Toronto, Ont.
- Miellette, A., sail, 79 tons, 89 ft., (1907), Adelard Miellette, St. Anne de Sorel, Que.
- Mikado, stm., 25 tons, 40 ft., (1897), Mikado Gold Mining Co., Kenora, Ont.
- †Mildred, stm., 39 tons, 70 ft., (1903), E. R. Wood, Toronto.

- Millen, G. H., barge, 148 tons, 108 ft., (1909), Ottawa Trans. Co., Ltd., Ottawa, Ont.
- Mills, J. E., Stm., 149 tons, 108 ft., (1883), Charles E. Millard, Sarnia.
- Minawa, stm., 172 tons, 105 ft., (1908), Revillon Bros., Ltd., Montreal, Que.
- Minch, Sophia, sail, 538 tons, 180 ft., (1873), W. J. Colwell, Sarnia, Ont.
- Minion No. 1, sail, 177 tons, 101 ft., (1899), Dominion Bridge Co., Ltd., Lachine, Que.
- Minion No. 2, sail, 180 tons, 100 ft., (1899), Dominion Bridge Co., Ltd., Lachine, Que.
- Minitaga, stm., 73 tons, 77 ft., (1898), Robt. Weddell, Trenton, Ont.
- Mink, stm., 56 tons, 72 ft., (1891), Muskoka Lakes Nav. & Hotel Co., Ltd., Toronto.
- Minnes, Annie, sail, 155 tons, 101 ft., (1867-1881), W. H. Braund, Port Hope.
- Minnicog, stm., 35 tons, 56 ft., (1902), D. S. Pratt, Midland, Ont.
- Minnie, sail, 109 tons, 95 ft., (1873), John Eligh and Peter Eligh, Beckett's Landing.
- Minnichaha, sail, 133 tons, 42 ft., (1898), David Davidson, Penetanguishene, Ont.
- Minota, stm., 29 tons, 65 ft., (1891), W. B. Nesbitt, Toronto, Ont.
- Minota, stm., 35 tons, 63 ft., (1890), J. Bowman, Rosspport.
- Minto, stm., 1,090 tons, 225 ft., (1899), Minister of Marine and Fisheries, Ottawa, Ont.
- Miramichi No. 1, scw., 156 tons, 80 ft., (1902), Dominion Bridge Co., Ltd., Lachine, Que.
- Miramichi No. 2, scw., 156 tons, 80 ft., (1902), Dominion Bridge Co., Ltd., Lachine, Que.
- Miramichi No. 3, scw., 130 tons, 84 ft., (1902), Dominion Bridge Co., Ltd., Lachine, Que.
- Miramichi No. 4, scw., 130 tons, 84 ft., (1902), Dominion Bridge Co., Ltd., Lachine, Que.
- Missisquoi, stm., 151 tons, 88 ft., (1903), Rockport Nav. Co., Ltd., Rockport, Ont.
- Mistassini, stm., 235 tons, 130 ft., (1891), E. F. Wurtele, Quebec, Que.
- Mistongo, stm., 81 tons, 71 ft., (1907), Thos. Walsh(Kenora, Ont.
- Mitchell, Maggie R., stm., 40 tons, 50 ft., (1873), M. J. Haney, et al., Toronto, Ont.
- Mixer, H. M., stm., 30 tons, 53 ft., (1865), J. Wade, Grenville, Que.
- Mocking Bird, stm., 38 tons, 72 ft., (1886), P. McArthur, Westbourne, Man.
- †Modjeska, stm., 678 tons, 178 ft., (1889), Canada Steamship Lines, Ltd., Toronto, Ont.
- Mogul, dge., 168 tons, 83 ft. (1906), Lyon Cohen, Montreal, Que.
- Mohawk Belle (formerly Florence Main), stm., 130 tons, 82 ft., (1901-1908), Huntsville Lake of Bays & Lake Simcoe Nav Co., Ltd., Huntsville.

- Moiles, Annie, stm., 71 tons, 81 ft. (1865),
Boutelle Towing & Wrecking Co., Ltd.,
Sarnia.
- Moise, bge., 124 tons, 103 ft. (1883), Moise
Robidoux, Yamaska, Que.
- Mollie S., stm., 45 tons, 68 ft. (1901), God-
erich Engine & Bicycle Co., Ltd., Goder-
ich, Ont.
- Monarch, stm., 73 tons, 84 ft. (1906), W. C.
Harris & D. McAllister, Gore's Landing,
Ont.
- Monarch, dge., 372 tons, 100 ft. (1906), Ca-
nadian Dredge & Construction Co., Ltd.,
Midland, Ont.
- Monarque, stm., 136 tons, 109 ft. (1886), Jos.
H. Dansereau, Vercheres, Que.
- Monitor, stm., 62 tons, 60 ft. (1899), Minister
of Public Works, Ottawa.
- Monitor, stm., 32 tons, 59 ft. (1863), Joachim
Hogue, Valleyfield, Que.
- Monitor, sail, 214 tons, 130 ft. (1862), Thun-
der Bay Contracting Co., Ltd., Port Ar-
thur, Ont.
- Montcalm, stm., 1,432 tons, 245 ft. (1904),
Minister of Marine and Fisheries, Ottawa,
Ont.
- †Montmaguy, stm., 1,269 tons, 212 ft. (1910),
Minister of Marine & Fisheries, Ottawa,
Ont.
- Montmorency, sail, 51 tons, 68 ft. (1897),
Jos. Andree, Grand Bay, Chicoutimi, Que.
- Montreal, bge., 337 tons, 143 ft. (1873), Mon-
treal Transp. Co., Ltd., Montreal, Que.
- †Montreal, stm., 4,282 tons, 332 ft. (1904),
Canada Steamship Lines Ltd., Toronto,
Ont.
- Moore, Co., stm., 428 tons, 124 ft. (1881),
Dominion Fish Co., Ltd., Toronto, Ont.
- Moore, Daisy, stm., 38 tons, 57 ft. (1884-
1900), Thomas Robinson, Kenora, Ont.
- Moravia, sail, 53 tons, 81 ft. (1882), S. H.
Pippin, Belleville.
- Moore, John R., stm., 63 tons, 68 ft. (1911),
John R. Moore, Port Stanley, Ont.
- Moose, dredge, 233 tons, 80 ft. (1909), Horri-
gan & Beagle, Port Arthur.
- Morden, Dolly, sail, 198 tons, 120 ft. (1881),
G. H. Morden, Oakville.
- †Morden, W. Grant, stm., — tons, 604 ft.,
(1914), Canada Steamship Lines, Ltd.,
Toronto, Ont.
- Morning Star, stm., 72 tons, 95 ft. (1907),
Clifford Sifton, Ottawa, Ont.
- Morrell, R. J., stm., 40 tons, 68 ft. (1901),
James Pilgrim, Meaford.
- Morrison, J. D., stm., 116 tons, 78 ft.,
(1907), Canadian Towing & Wrecking
Co., Ltd., Port Arthur, Ont.
- Morse, George H., bge., 162 tons, 112 ft.
(1886), Ottawa Transp. Co., Ltd., Ottawa,
Ont.
- Moses, bge., 41 tons, 61 ft. (1881), Gilbert
Blasting & Dredging Co., Ltd., Montreal,
Que.
- Mott, John T., sail, 309 tons, 137 ft. (1869), J.
McAuley, Wiarton, Ont.

- Mountain Maid, stm., 118 tons, 101 ft. (1850-1879), I. Futvoige, St. Johns, Que.
 Mowatt, Oliver, sail, 170 tons, 116 ft. (1873), John McClennan, Bowmanville.
 Mowhawk, sail, 341 tons, 154 ft., (1872), A. Rondeau, Lanoraie, Que.
 M. T. Co. No. 1, stm., 148 tons, 84 ft. (1871), Montreal Transp. Co., Ltd., Montreal, Que.
 Mudport, stm., 34 tons, 40 ft. (1904), E. B. Eddy Co., Ltd., Hull, Que.
 Muir A., sail, 330 tons, 138 ft. (1874), Wm. Muir, Port Dalhousie.
 Mulligan, D. B., stm., 77 tons, 81 ft. (1897), W. L. Murphy, Pembroke, Ont.
 Muriel, bge., 192 tons, 122 ft. (1886), Ottawa Transp. Co., Ltd., Ottawa, Ont.
 Muriel, stm., 64 tons, 69 ft. (1902), William Price, Quebec, Que.
 †Murray Bay, formerly Carolina, paddle stm., 969 tons, 251 ft., (1877), Canada Steamship Lines, Ltd., Toronto, Ont.
 Muskoka, sail, 481 tons, 149 ft., (1872-1896), Montreal Trans. Co., Ltd., Montreal, Que.
 Muskoka, stm., 197 tons, 94 ft., (1881), The Muskoka Lakes Nav. & Hotel Co., Ltd., Toronto.
 Muskrat, stm., 35 tons, 52 ft., (1908), Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
 Myra, stm., 73 tons, 82 ft., (1884), James Buckley, Prescott.
- Myrtle, sail, 92 tons, 96 ft. (1902), Charlemagne & Lac Ouareau Lumber Co., Ltd., Montreal, Que.
 Mystery, stm., 53 tons, 60 ft., (1906), Clark Sencabald, Lion's Head, Ont.
- N**
- Nadine, sail, 484 tons, 166 ft. (1899) Montreal Trans. Co., Ltd., Montreal, Que.
 †Naiad, stm., 29 tons, 68 ft., (1890), H. S. Sanford, Hamilton.
 Naiad, sail, 276 tons, 140 ft., (1863), J. E. Williscroft, Southampton.
 Nama, stm., 42 tons, 75 ft. (1887), Richard B. Angus, Montreal, Que.
 Naomi, bge., 196 tons, 122 ft. (1886), Ottawa Trans. Co., Ltd., Ottawa, Ont.
 Napierville, stm., 165 tons, 124 ft. (1883-1899), Mrs. Arthemise Robert, Montreal, Que.
 Napoleon, bge., 83 tons, 91 ft. (1866) Octave Lafleur, St. Jean, Que.
 Napoleon, bge., 167 tons, 105 ft. (1894), Robert Reford Co., Ltd., Montreal, Que.
 Napoleon, sail, 47 tons, 65 ft. (1895), A. Lemieux, Les Ecureuils, Que.
 †Natashquan, stm., 991 tons, 199 ft. (1870), North Shore Transp. & Wreckage Co., Ltd., Quebec, Que.
 National, sail, 151 tons, 109 ft. (1886), Mrs. E. Lalonde, Montreal, Que.
 †Nativonco, stm., 1,123 tons, 226 ft., (1892), Canada Steamship Lines, Ltd., Toronto, Ont.

Navajo, stm., 179 tons, 108 ft., (1895), James Playfair, Midland, Ont.
 Naylor, George B., bge., 49 tons, 68 ft. (1889), Benjamin V. Naylor, Noyan, Que.
 Nebraska, bge., 388 tons, 151 ft. (1874), Alphonse Desrosier, Lanoraie, Que.
 Neelon, Sylvester, sail, 291 tons, 137 ft. (1875), Collin's Bay Rafting & Forwarding Co., Ltd., Kingston, Ont.
 Neelon, Harvey, stm., 65 tons, 74 ft. (1878), W. M. Carter, Fesserton, Ont.
 Negociant, sail, 129 tons, 105 ft. (1884), Urbain Laroche, Sorel, Que.
 Nehoc, dredge, 146 tons, 79 ft., (1908), Lyon Cohen, Montreal, Que.
 Nelson, sail, 126 tons, 109 ft. (1896-1908), Zoel Yergeau, Pierreville, Que.
 Neva, bge., 92 tons, 91 ft. (1869), T. Owens, Stonefield, Que.
 New Dominion, sail, 196 tons, 117 ft., (1868), Geo. H. Morden, Oakville.
 New Island Wanderer, stm., 195 tons, 116 ft., (1888), Canada Steamship Lines, Ltd., Toronto, Ont.
 †Newona, stm., 2179 tons, 250 ft., (1909), Canada Atlantic Transit Co., Montreal, Que.
 New York, stm., 311 tons, 126 ft. (1870), H. A. Chillas, Nicolet, Que.
 NewsBoy, sail, 40 tons, 67 ft., (1885), Lemuel Dorland, Bronte.
 N. G., sail, 143 tons, 110 ft. (1908), Noe Gervais, St. Michel d'Yamaska, Que.
 †Niagara, stm., 396 tons, 159 ft., (1856-1901), The Ontario & Quebec Nav. Co., Ltd., Picton, Ont.

Nile, stm., 28 tons, 71 ft., (1894), Minister of Public Works, Ottawa.
 Nile, stm., 96 tons, 90 ft., (1870), The Rathbun Co., Deseronto.
 Nine, bge., 100 tons, 93 ft. (1871), N. Vigneau, Montreal, Que.
 Nipigon, stm., 36 tons, 57 ft. (1908), Ludgic Villeneuve and A. Robertson, Nipigon, Ont.
 †Nipissing, stm., 275 tons, 125 ft., (1887), Muskoka Lakes Nav. & Hotel Co., Ltd., Toronto.
 †No. 26, stm., 49 tons, 69 ft., (1908), Dominion Lumber Co., Ltd., Quebec, Que.
 Noble, John J., stm., 33 tons, 68 ft., (1901), Dominion Fish Co., Ltd., Winnipeg, Man.
 Nogey, sail, 68 tons, 69 ft., (1898), Robt. Kennedy, Lindsay.
 Nokomis, stm., 25 tons, 55 ft., (1887), W. C. Edwards, Rockland.
 Nora, stm., 28 tons, 50 ft., (1886), The Minister of Public Works, Ottawa, Ont.
 Norah, sail, 30 tons, 52 ft., (1880), R. C. Smith, Port Hope.
 Nord, stm., 56 tons, 62 ft., (1902), Edward S. Vignette, Peribonca, Que.
 Nore, sail, 95 tons, 91 ft., (1866), F. LaRiviere, Plantagenet, Ont.
 Norfolk, stm., 32 tons, 62 ft., (1907), F. W. Doty, Goderich, Ont.
 Norman, bge., 47 tons, 63 ft., (1902), Hugh Armstrong, Portage-la-Prairie, Man.
 †Noronic, stm., — tons, 362 ft., (1913), Canada Steamship Lines, Ltd., Toronto, Ont.

- Norris, James, stm., 50 tons, 74 ft., (1868),
James T. Davis, Montreal, Que.
- Norseman, stm., 620 tons, 177 ft., (1864), N.
Dymont and A. E. Dymont, Barrie.
- North, stm., 289 tons, 132 ft., (1886), Quebec
& Lewis Ferry Co., Ltd., Quebec, Que.
- Northern Belle, stm., 222 tons, 401 ft., (1905),
French River & Nipissing Nav. Co., Ltd.,
Sturgeon Falls, Que.
- North King, paddle stm., 873 tons, 175 ft.,
(1868-1891), Canada Steamship Lines,
Ltd., Toronto, Ont.
- North West, sail, 57 tons, 75 ft., (1882), Ed-
mund and Francis Goldring, Whitby.
- Norway, sail, 332 tons, 135 ft., (1873-1881),
Kaine & Bird Trans. Co., Ltd., Quebec,
Que.
- Norway Belle, stm., 46 tons, 66 ft., (1905),
A. McFarlane, Bristol, Que.
- Nosbonsing, stm., 25 tons, 57 ft., (1884), J.
R. Booth, Ottawa, Ont.
- Notre Dame de Bonsecour, sail, 152 tons,
108 ft. (1887), L. E. Bonaventure, Lan-
oraie, Que.
- Notre Dame de Pierreville, sail, 139 tons,
106 ft., (1897), Jos. Gauvin, St. Jean Des-
chaillons.
- Nymoca, stm., 51 tons, 72 ft., (1896 and
1906), G. F. Beaumont, Muskoka.
- Nymph, stm., 84 tons, 72 ft., (1902 and 1907),
Peter Campbell, Gravenhurst, Ont.
- No. C., bge., 55 tons, 79 ft. (1898), John
L. Wood, Montreal, Que.
- No. 1, bge., 157 tons, 108 ft. (1881), Narcisse
Paul, Sorel, Que.
- No. 1, bge., 59 tons, 77 ft. (1873), M. Frech-
ette, Sorel, Que.
- No. 1, bge., 57 tons, 64 ft. (1895), L. E.
Dufresne et al., Three Rivers, Que.
- No. 1, scw., 35 tons, 63 ft. (1889), Canadian
Pac. Ry. Co., Montreal, Que.
- No. 1, bge., 31 tons, 50 ft. (1894), Peter
Whelen, Ottawa, Ont.
- No. 1, bge., 74 tons, 92 ft. (1895), W. C.
Edwards & Co., Ltd., Rockland, Ont.
- No. 2, bge., 80 tons, 92 ft. (1873), D. Lesper-
ance, St. Aimé, Que.
- No. 2, bge., 40 tons, 55 ft. (1906), L. E. Du-
fresne et al., Three Rivers, Que.
- No. 2, bge., 74 tons, 92 ft. (1895), W. C.
Edwards & Co., Ltd., Rockland, Ont.
- No. 2, bge., 155 tons, 108 ft. (1881), Sin-
cennes McNaughton Line, Ltd., Mon-
treal, Que.
- No. 2, bge., 78 tons, 91 ft. (1858), J. R.
St. Amour, Montreal, Que.
- No. 2, scw., 35 tons, 63 ft. (1889), Canadian
Pac. Ry. Co., Montreal, Que.
- No. 3, scw., 25 tons, 55 ft. (1888), Canadian
Pac. Ry. Co., Montreal, Que.
- No. 4, scw., 37 tons, 70 ft. (1888), Canadian
Pac. Ry. Co., Montreal, Que.
- No. 5, dge., 271 tons, 90 ft. (1904), Ran-
dolph Macdonald Co., Ltd., Toronto,
Ont.
- No. 6, dge., 171 tons, 71 ft. (1902), Gaspard
Deserres, Montreal, Que.

- No. 24, bge., 110 tons, 94 ft. (1862), *Sin-*
cennes McNaughton Line, Ltd., Mon-
treal, Que.
- No. 38, bge., 90 tons, 91 ft. (1870), *Louis*
Gareau, Lachine, Que.
- No. 41, scw., 247 tons, 112 ft. (1891), *A. F.*
Bowman et al., Southampton, Ont.
- No. 42, scw., 245 tons, 112 ft. (1891), *A. F.*
Bowman et al., Southampton, Ont.
- No. 1 Calumet, bge., 32 tons, 51 ft. (1898),
Upper Ottawa Improvement Co., Ltd.,
Ottawa, Ont.
- No. 2 Calumet, bge., 32 tons, 51 ft. (1898),
Upper Ottawa Improvement Co., Ltd.,
Ottawa, Ont.
- No. 5 Deep River, bge., 28 tons, 52 ft.
 (1899), *Upper Ottawa Improvement Co.,*
Ltd., Ottawa, Ont.
- No. 6 Deep River, bge., 28 tons, 52 ft.
 (1899), *Upper Ottawa Improvement Co.,*
Ltd., Ottawa, Ont.
- No. 1 Quyon, bge., 32 tons, 51 ft. (1898),
Upper Ottawa Improvement Co., Ltd.,
Ottawa, Ont.
- No. 2 Quyon, bge., 32 tons, 51 ft. (1898),
Upper Ottawa Improvement Co., Ltd.,
Ottawa, Ont.
- O. C., sail, 54 tons, 70 ft., (1907), *O. Caron,*
Jr., Chateau Richer, Que.
- O'Brien Julian V., stm., 59 tons, 70 ft., (1888
 —rebuilt 1892), *Wm. E. Bigwood, Toron-*
to, Ont.
- O'Brien, M. J., stm., 253 tons, 100 ft., (1909),
New Ontario Trans. Co., Ltd., Port Ar-
thur, Ont.
- Octavie, bge., 108 tons, 108 ft. (1906),
Ubald Lafreniere, Pierreville, Que.
- Ogemah, paddle stm., 72 tons, 85 ft., (1889),
Trent Valley Nav. Co., Ltd., Bobcaygeon.
- Oggel, E. C., stm., 26 tons, 53 ft., (1874),
Harry W. Ansley, Port Dover, Ont.
- Oka, bge., 141 tons, 98 ft. (1881), *O.*
Gatineau, Contrecoeur, Que.
- Olson, Ida A., sail, 191 tons, 122 ft., (1888),
G. T. Dunn and T. W. Thomson, Owen
Sound.
- Ombabika, stm., 76 tons, 70 ft. (1906), *Re-*
villion Bros., Ltd., Montreal, Que.
- Onaping, stm., 256 tons, 120 ft., (1870), *Jno.*
Charlton, Lynedoch.
- One (1), bge., 71 tons, 125 ft. (1857), *Har-*
bor Comrs., Montreal, Que.
- One (1) bge., 106 tons, 95 ft. (1870), *P.*
Laplante, Lachine, Que.
- Ongiara, stm., 98 tons, 90 ft., (1885), *The*
Niagara Nav. Co., Ltd., Toronto, Ont.
- Ontario, sail, 150 tons, 105 ft., (1867), *Francis*
Granville, Southampton, Ont. (Lost.)
- Ontario, sail, 56 tons, 56 ft., (1868), *J. Swift,*
Kingston.
- Ontario, paddle stm., 80 tons, 58 ft., (1868),
J. Thurston, Lindsay.
- †Ontario, stm., 1615 tons, 297 ft., (1890), *Ca-*
nadian Pacific Ry. Co., Montreal.

- †Ontario No. 1, stm., 5146 tons, 317 ft., (1907), The Ontario Car Ferry Co., Ltd., Montreal, Que.
 Ontario, bge., 228 tons, 127 ft. (1874), P. LaPlante, Lachine, Que.
 Opeongo, stm., 121 tons, 104 ft., (1909), McLachlin Bros., Ltd., Arnprior, Ont.
 O. P., sail, 118 tons, 103 ft. (1904), Francois Dussault, St. Jean Deschailions, Que.
 Ora, bge., 95 tons, 95 ft. (1860), Antoine Bertrand, Vandreuil, Que.
 Orcadia, stm., 26 tons, 52 ft., (1894), Jno. Bowman, Rossport.
 Oriana, stm., 68 tons, 79 ft., (1903), Robert E. Menzie, Toronto.
 Orient, bge., 150 tons, 105 ft. (1883), Dickson Anderson, Montreal, Que.
 Oriole, stm., 75 tons, 75 ft., (1886), Muskoka Lakes Nav. & Hotel Co., Ltd., Toronto.
 Orion, stm., 572 tons, 173 ft. (1872), Edward Haynemand, Lanoraie, Que.
 Orleans, stm., 269 tons, 118 ft. (1898), La Compagnie Maritime et Industrielle de Levis, Que.
 Osborne, T., stm., 25 tons, 53 ft. (1893), T. Osborne, Hull, Que.
 Oscar, sail, 122 tons, 96 ft., (1888), Hiram Easton, Merrickville.
 Osirus, sail, 106 tons, 109 ft., (1892), P. Larokin, St. Catharines, Ont., and A. Sangster, Iroquois, Ont.
 †Osler, E. B., stm., 6,787 tons, 491 ft., (1908), St. Lawrence & Chicago Steam Nav. Co., Ltd., Toronto, Ont.
 Osprey, stm., 42 tons, 72 ft., (1902), James Purvis, Gore Bay.
 Ossofrage, stm., 632 tons, 161 ft., (1886), Wm. Ball, Chatham, Ont.
 Oswego, sail, 130 tons, (1903), The Rathbun Co., Deseronto.
 Otonabee, sail, 55 tons, 76 ft., (1904), Henry Calcutt, Peterboro.
 Otonabee, stm., 136 tons, 111 ft. (1907), Otonabee Nav. Co., Ltd., Peterboro, Ont.
 Ottawa, dge., 130 tons, 76 ft. (1889), Hector M. Connolly, Montreal, Que.
 †Ottawan, stm., 311 tons, 108 ft. (1904), Ottawa Forwarding Co., Ltd., Ottawa.
 Our Maud, sail 30 tons, 62 ft. (1885), Amédée Boudreau and Jos. Dufour, Baie St. Paul, Que.
 Owen, stm., 49 tons, 70 ft. (1881-1908), Frederick J. Trotter, Amherstburg, Ont.
 Owens, O. E., bge., 85 tons, 90 ft. (1877), W. and T. Owens, Stonefield, Que.
 Owens, T., bge., 90 tons, 94 ft. (1874), Charlemagne & Lac Ouareau Lumber Co., Ltd., Charlemagne, Que.
 Owens, W., bge., 90 tons, 94 ft. (1874), J. Bouvier, St. Roch, Que.
 Oxner, Lena F., 99 tons, 88 ft., (1899), E. Heppel, Bic, Que.

P

- P. B. & Co. No. 1, bge., 145 tons, 130 ft., (1908), Price Brothers & Co., Ltd., Quebec, Que.
- P. B. & Co. No. 2, bge., 245 tons, 130 ft., (1908), Price Brothers & Co., Ltd., Quebec, Que.
- Pacific, bge., 171 tons, 105 ft. (1873), Louis Delisle, Valleyfield, Que.
- Pacy, Alice, bge., 240 tons, 116 ft. (1871), G. M. Miller and J. G. B. Jones, Montreal, Que.
- †Paipoonge (nee Corona), stm., 2,408 tons, 299 ft., (1888), Thos. Marks & Co., Mgrs., Canadian North-West Steamship Co., Ltd., Port Arthur, Ont.
- Palais Flottant, scw., 26 tons, 47 ft. (1886), William Paul, Sorel, Que.
- Paloma, sail, 122 tons, 99 ft., (1885), Trent Valley Nav. Co., Ltd., Bobcaygeon.
- Pappoose, stm., 57 tons, 71 ft., (1893), Alfred H. Clark, Windsor.
- Paradis, sail, 42 tons, 75 ft., (1907), Jos de Villers, Lotbiniere, Que.
- Paradis, V., bge., 214 tons, 130 ft., (1881), Nap., Ladouceur, Sorel, Que.
- Parisian, sail, 65 tons, 86 ft., (1998), Aime Gervais, St. Michel d'Yamaska, Que.
- Parker, I. N., sail, 98 tons, 79 ft., (1898), Jos. Levesque, Metane, Que.
- Parthia, paddle stm., 198 tons, 126 ft., (1896), The Calvin Co., Ltd., Garden Island.
- Passport, bge., 74 tons, 86 ft., (1864), F. Labelle, Sorel, Que.
- Patriot, sail, 90 tons, 93 ft., (1891), Frederick Lamirande, Wickham West, Que.
- Patry, J. W., sail, 70 tons, 80 ft., (1899), Joseph S. Beaudet, St. Emelie, Que.
- †Pattee, G. B., II, stm., 51 tons, 61 ft., (1904), Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
- Paul, bge., 97 tons, 103 ft., (1873), J. B. St. Jean, Sorel, Que.
- Paul, I., sail, 126 tons, 100 ft., (1890), Wm. J. Poupore, Montreal, Que.
- Paul, J. A., stm., 49 tons, 71 ft., (1906), J. A. Paul, Sorel, Que.
- Pease, Edward S., sail, 338 tons, 160 ft., (—), The Crawford Tug Co., Ltd., Wiarton, Ont.
- †Pelee, stm., — tons, 137 ft., (1913), Pelee & Lake Erie Navigation Co., Pelee Island, Ont.
- Peltier, dredge, 257 tons, 93 ft., (1906), Windsor Dredging Co., Ltd., Windsor, Ont.
- †Pembroke, stm., 194 tons, 104 ft., (1895), Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
- Penetang, stm., 100 tons, 82 ft., (1901), First Brook Box Co., Ltd., Toronto.
- Penniman, George, sail, 83 tons, 90 ft., (—), James Purvis, Gore Bay.
- Pennsylvania, stm., 428 tons, 158 ft., (1901), St. Lawrence Trans. Co., Ltd., Toronto, Ont.

- Perew, Frank, 43 tons, 72 ft., (1867), Minister of Railways and Canals, Ottawa.
- Peribonca, stm., 179 tons, 90 ft. (1892), E. F. Wurtle, Quebec, Que.
- Perseverance, sail, 48 tons, 66 ft. (1877), Hermengilde Caron, Tadousac, Que.
- Persia, stm., 757 tons, 144 ft. (1873), Thos. Duchiane, Quebec, Que.
- Peruvian, sail, 54 tons, 97 ft. (1888), Mathew Ryan, Smith's Falls, Ont.
- Petrel, stm., 346 tons, 129 ft., (1892), Collin's Bay Rafting & Forwarding Co., Kingston.
- Pewabic, stm., 29 tons, 48 ft., (1906), Harry E. Noble, Port Arthur, Ont.
- Philippe, sail, 99 tons, 97 ft. (1873), A. Turcotte, St. Edouard, Que.
- Philippe, bge., 131 tons, 106 ft. (1894), Sincennes McNaughton Line, Ltd., Montreal, Que.
- Philippe, bge., 85 tons, 97 ft., (1905), J. L. B. Leclair, Sorel, Que.
- Phillips, Harold B., stm., 66 tons, 59 ft., (1880), The Great Lakes Towing Co., Ltd., Sarnia, Ont.
- Philomen, sail, 38 tons, 69 ft. (1882), H. Perrault, Detroit, Mich., U. S. A.
- Philomene, bge., 101 tons, 84 ft. (1863), Germain Fougere, Champlain, Que.
- Phin & Co. Scow No. 1, sail, 81 tons, 77 ft., (1894), Wm. E. Phin, Toronto.
- Phin & Co. Scow No. 2, sail, 90 tons, 77 ft., (1894), Wm. E. Phin, Toronto.
- Phin & Co. Scow No. 9, sail, 115 tons, 80 ft., (1896), Wm. E. Phin, Toronto.
- Phoenix, stm., 29 tons, 50 ft., (1900), Huntsville, Lake of Bays & Lake Simcoe Nav. Co., Ltd., Huntsville.
- Phoenix, sail, 28 tons, 45 ft. (1880), Placide Vigneau, Esquimaux Point, Que.
- Pickett, stm., 45 tons, 75 ft. (1887), E. J. and A. S. Nuttall, Port Arthur, Ont.
- Pierpont, stm., 252 tons, 123 ft., (1871), Canada Steamship Lines, Ltd., Toronto, Ont.
- Pierreville, stm., 121 tons, 100 ft. (1906), Ida Niquette, Pierreville, Que.
- Pierreville, sail, 126 tons, 103 ft. (1874), A. Charland, St. Thomas de Pierreville, Que.
- Pie X., sail, 130 tons, 109 ft. (1907), Adair Beaudet, St. Jean des Chailons, Que.
- †Pikouagami, stm., 57 tons, 65 ft. (1906), Quebec & Lake St. John Ry. Co., Que.
- Pilgrim, stm., 262 tons, 122 ft., (1884), H. S. Folger, Kingston.
- Pilot, sail, 34 tons, 63 ft., (1866), James Mahoney, Kingston.
- Pilot, stm., 427 tons, 109 ft. (1884), Quebec & Lewis Ferry Co., Ltd., Quebec, Que.
- Pioneer, stm., 28 tons, 49 ft., (1879), H. C. Rothwell, Kingston.
- Playfair, James, stm., 26 tons, 50 ft., (1894), Erwin Tedford, Port Burwell, Ont.
- †Plessis, stm., 559 tons, 120 ft., (1910), Lewis Ferry, Ltd., Lewis, Que.
- Plover, stm., 40 tons, 65 ft. (1863-1894), Sincennes McNaughton Line, Ltd., Montreal, Que.

- Plunkett, Wilfred, sail, 100 tons, 78 ft., (1866), A. A. Smith, Belleville.
- Pocahontis, stm., 56 tons, 68 ft. (1904), J. G. Sampson, North Hatley, Que.
- Polaris, stm., 533 tons, 118 ft. (1883), Quebec & Levis Ferry Co., Ltd., Quebec, Que.
- †Pollux, stm., 88 tons, 66 ft. (1907), Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
- Pontiac, sail, 33 tons, 54 ft., (1889), W. J. Poupore, Montreal, Que.
- Pontiac, dge., 135 tons, 83 ft. (1890), W. J. Poupore, Montreal, Que.
- Ponton No. 1, sail, 293 tons, 99 ft., (1910), Jos. Gosselin, Quebec, Que.
- Ponton, No. 2, sail, 291 tons, 99 ft., (1910). Jos. Gosselin, Quebec, Que.
- †Port Colborne, stm., (—) 1910, R. A. Carter, Toronto, Ont.
- Port Elgin Queen, stm., 37 tons, 52 ft., (1886), A. F. and C. F. Bowman, Southampton.
- Porter, Lloyd S., stm., 489 tons, 159 ft., (1893), Canada Steamship Lines, Ltd., Toronto, Ont.
- Portneuf, stm., 39 tons, 59 ft., (1906), A. J. Lalonde, Kingston, Ont.
- Portsmouth, sail, 126 tons, 108 ft., (1872-1882), S. T. Easton, Ottawa.
- Posa, Marie, sail, 35 tons, 59 ft. (1900), Milasse Simard, La Petite Riviere, St. Francois-Xavier, Que.
- Poupore, W. J., stm., 47 tons, 70 ft., (1881), W. J. Poupore, Montreal, Que.
- Powell, C. B., stm., 272 tons, 139 ft. (1887), Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
- Power, William, bge., 168 tons, 113 ft. (1904), Ottawa Transp. Co., Ltd., Ottawa, Ont.
- Prefontaine, stm., 899 tons, 202 ft. (1896-1898-1903), St. Lawrence Canadian Nav. Co., Ltd., Montreal, Que.
- Premier, stm., 337 tons, 130 ft. (1888), W. C. Fremlin, Sault Ste. Marie, Ont.
- Price, Hon. David, sail, 63 tons, 69 ft. (1868), Horace Demeule, Isle aux Cou-dres, Que.
- Pride of America, sail, 285 tons, 133 ft. (1863), Michael Ryan, Quebec, Que.
- †Primrose, paddle stm., 189 tons, 140 ft. (1890), Toronto Ferry Co., Ltd., Toronto, Ont.
- Prince Guy, dge., 261 tons, 99 ft. (1903), W. J. Poupore, Westmount, Que.
- Prince Louis, dge., 208 tons, 73 ft. (1902), W. J. Poupore, Westmount, Que.
- Prince Willie, dge., 258 tons, 100 ft. (1908), W. J. Poupore Co., Ltd., Montreal, Que.
- †Prince Rupert, stm., 1908 tons, 249 ft., (1908), Kingston Shipping Co., Ltd., Kingston, Ont.
- Princess, bge., 300 tons, 142 ft., (1874), J. C. A. Turcotte, Sorel, Que.
- Princess, stm., 527 tons, 142 ft., (1872), Ottawa River Nav. Co., Montreal, Que.

- Princess Louise, stm., 26 tons, 67 ft., (1879 and 1888), A. Smallman, Dundee, Que.
 Proctor, E. R. C., sail, 163 tons, 109 ft., (1878), J. E. Proctor, Brighton.
 Progress, sail, 52 tons, 61 ft. (1872), Nat. Boudreau, Esquimaux Point, Que.
 Progress, sail, 56 tons, 64 ft. 1895), A. Bellez, St. Simeon, Que.
 Protecteur, bge., 101 tons, 102 ft. (1874), Moise Robidoux, Yamaska, Que.
 Providence, sail, 82 tons, 94 ft. (1872), M. Laramie, St. Louis de Bonsecours, Que.
 Providence, sail, 105 tons, 100 ft. (1875), Joseph Laforet, Sorel, Que.
 Providence, sail, 138 tons, 106 ft. (1891), J. B. Delormier, Montreal, Que.
 Providence, sail, 45 tons, 62 ft. (1873), Martial Saingelet, Les Escoumains, Que.
 Providence, sail, 78 tons, 77 ft. (1882), Jean Deslauriers, Quebec, Que.
 Providence, sail, 33 tons, 52 ft. (1896), Horace Duchena, St. Irenee, Que.
 Pump Scow, No. 1, scw., 79 tons, 49 ft., (1906), Montreal Sand & Gravel Co., Ltd., Montreal, Que.
 Pump Scow No. 2, scw., 73 tons, 50 ft., (1906), Montreal Sand & Gravel Co., Ltd., Montreal, Que.
- Q**
 Quebec, stm., 108 tons, 110 ft., (1867), H. F. Cumming, Cornwall.
 †Quebec, sail, 989 tons, 206 ft., (1901), Montreal Trans. Co., Montreal.
- †Quebec, paddle stm., 3,498 tons, 311 ft. (1865 and 1907), Canada Steamship Lines, Ltd., Toronto, Ont.
 Quebec, bge., 133 tons, 90 ft. (1862), Prosper Laplante, Lachine, Que.
 Queen, sail, 149 tons, 103 ft. (1867), J. B. Poirier, Lachine, Que.
 Queen, stm., 367 tons, 117 ft. (1886), Quebec & Levis Ferry Co., Ltd., Quebec, Que.
 Queen of Temagami, stm., 36 tons, 71 ft., (1909), Temagami Smbt. & Hotel Co., Ltd., Temagami, Ont.
 Queen of the Isles, 40 tons, 72 ft., (1885), Muskoka Leather Co., Ltd., Toronto.
 Quinte Chief, drill boat, 210 tons, 89 ft., (1908), Robt. Weddell, Trenton, Ont.
- R**
 R. M. Co. No. 9, sail, 230 tons, 125 ft., (), The Randolph Macdonald Co., Ltd., Toronto, Ont.
 Rachel, bge., 149 tons, 108 ft. (1887), Joseph Bouvier, St. Roch's, Que.
 †Racine, Alphonse, stm., 121 tons, 79 ft., (1904), Harbor Comrs., Montreal, Que.
 Rainbow, stm., 56 tons, 90 ft., (1898), Francis Burnett, Birdsall, Ont.
 †Rambler, stm., 39 tons, 70 ft. (1903) Mrs. Isabelle McKinnon, Toronto.
 †Rambler, stm., 26 tons, 47 ft. (1896), C. G. Pennock and E. F. Kendall, Kenora, Ont.

- Ramona, stm., (formerly Dortha), 102 tons, 77 ft., (1894-1908), Huntsville Lake of Bays & Lake Simcoe Nav. Co., Ltd., Huntsville, Ont.
- †Ramona, stm., 59 tons, 95 ft., (1886), Canada Steamship Lines, Ltd., Toronto, Ont.
- Randall, John, 166 tons, 104 ft. (1905), John Randall, Seeley's Bay, Ont.
- Ranger, paddle stmr., 53 tons, 74 ft., (1884), Geo. Crandell, Lindsay.
- Rapid, sail, 221 tons, 124 ft., (1874), Kingston & Montreal Forwarding Co., Kingston.
- Rapid City, sail, 37 tons, 70 ft., (1884), Chas. Goldring, Whitby.
- †Rapids King, stm., 1801 tons, 239 ft., (1907), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Rapids Queen, stm., formerly Bohemian & Brockville, 1307 tons, 194 ft., (1892-01-09), Canada Steamship Lines, Ltd., Toronto, Ont.
- Ray, Lulu M., stm., 33 tons, 56 ft., (1888), Samuel Forrest, Fort William, Ont.
- Ray C., stm., 29 tons, 59 ft., (1908), Lyon Cohen, Montreal, Que.
- Recruit, sail, 297 tons, 144 ft., (1880-1901), Point Anne Quarries, Ltd., Toronto, Ont.
- Red Bird, sail, 39 tons, 64 ft., (1870), H. Mines, Welland.
- Redfern, J. H., bge., 208 tons, 122 ft. (1907), Ottawa Transp. Co., Ltd., Ottawa, Ont.
- Redoubtable, sail, 67 tons, 64 ft. (1886), A. W. Dolbel, Grand Greve, Que.
- Reed, Isabel, sail, 480 tons, 186 ft. (1881), Ontario & Quebec Nav. Co., Ltd., Picton.
- Regina, sail, 79 tons, 71 ft. (1883), Pierre Trepannier, Chateau Richer, Que.
- Regina, sail, 27 tons, 52 ft. (1894), A. Lavoie, Bay St. Paul, Que.
- Regina, sail, 81 tons, 80 ft., (1907), Charles Lajoie, St. Fulgence, Que.
- Reginald, stm., 186 tons, 120 ft., (1894), The Victoria Harbor Lumber Co., Ltd., Toronto, Ont.
- Reid, Ethyll, stm., 36 tons, 63 ft., (1904), W. A. Clark, Collingwood.
- †Reid, James, stm., 181 tons, 117 ft. (1875), Reid Wrecking Co., Ltd., Sarnia.
- Reid, Nellie, stm., 56 tons, 70 ft. (1886), Stephen Paul, Sorel, Que.
- Reindeer, stm., 58 tons, 74 ft., (1884), James Collier, Fredericksburg.
- Reine Victoria, sail, 87 tons, 96 ft. (1859), Omer Lafleur, St. Croix, Que.
- Reine des Anges, sail, 91 tons, 78 ft. (1887), E. Therien, Ste. Aime, Que.
- Reine des Anges, sail, 73 tons, 87 ft. (1879), A. Hamel, Lotbiniere, Que.
- Reliance, stm., 239 tons, 120 ft., (1881), Shannon & Leehy, Valleyfield, Que.
- Reliance, stm., 311 tons, 124 ft. (1892), Midland Towing & Wrecking Co., Midland.
- Reliance, bge., 65 tons, 40 ft. (1903), Ontario Corundum Co., Ltd., Ottawa, Ont.
- Relief, sail, 193 tons, 118 ft., (1865), Achille Bernier, Quebec, Que.

- Relief, sail, 50 tons, 89 ft., (1875), James O'Leary and Geo. W. Downs, Port Lambton.
- Relief, bge., 149 tons, 101 ft., (1871), J. Lariviere, St. Aime, Que.
- Rena, bge., 75 tons, 78 ft., (1876), Antoine Leveille, Batiscan, Que.
- Renaud, A., sail, 83 tons, 68 ft., (1907), Alfred Renaud, La Petite Riviere St. Francois Xavier, Que.
- †Renvoyle, stm., 1830 tons, 250 ft., (1910), Canada Steamship Lines, Ltd., Toronto, Ont.
- Rescue, stm., 52 tons, 62 ft., (1885), Rathbun Co., Deseronto, Ont.
- Reserve, stm., 49 tons, 61 ft., (1884), Minister of Marine and Fisheries, Ottawa.
- Restless, sail, 73 tons, 73 ft., (1859), C. H. Dodge, Belmont.
- Rhoda, stm., 182 tons, 132 ft., (1874), J. H. Dorion, Chateau Richer, Que.
- Richard C., bge., 172 tons, 112 ft., (1887), Ottawa Transp. Co., Ltd., Ottawa, Ont.
- Rideau, dge., 137 tons, 71 ft., (1889), Minister of Railways and Canals, Ottawa, Ont.
- Rideau King, stm., 266 tons, 107 ft., (1893), The Rideau Lakes Nav. Co., Ltd., Kingston.
- Rideau Queen, stm., 351 tons, 108 ft., (1900), Rideau Lakes Nav. Co., Ltd., Kingston.
- Riley, bge., 245 tons, 128 ft., (1891), Canadian Forwarding & Export Co., Ltd., Montreal, Que.
- Ritchie, Bella, bge., 27 tons, 88 ft., (1895), P. G. Cavanaugh, Perth, Ont.
- Rival, stm., 125 tons, 120 ft., (1873), Sin-cennes McNaughton Line, Ltd., Montreal, Que.
- Riviere du Loup, 199 tons, 105 ft., (1873-1895), Narcisse Auclair, L'Assomption, Que.
- Robert, bge., 418 tons, 139 ft., (1899), Pontbriand Co., Ltd., Sorel, Que.
- Robertson, J., bge., 152 tons, 108 ft., (1898), Ottawa Transp. Co., Ltd., Ottawa, Ont.
- Roberval, sail, 371 tons, 141 ft., (1894), Mrs. Adeline Bastien, Montreal, Que.
- Robillard, A., sail, 153 tons, 110 ft., (1890), A. Robillard, Montreal, Que.
- †Robinson, Hiram, stm., 203 tons, 110 ft., (1910), Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
- Rob Roy, sail, 341 tons, 144 ft., (1897), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Roberval, stm., 344 tons, 128 ft., (1907), Hall & Eligh, Ltd., Ottawa, Ont.
(American register.)
- Rockbreaker No. 1, scow, 146 tons, 99 ft., (1908), F. D. Brown, Toronto & J. A. Aylmer, Peterboro, Ont.
- Rockland, stm., 78 tons, 65 ft., (1882), Hawkesbury Lumber Co., Ltd., Hawkesbury, Ont.
- Rodolphe, stm., 116 tons, 101 ft., (1885), Louis Tourville, Montreal, Que.
- Rodolphe, bge., 106 tons, 96 ft., (1866), P. Savaille, Sorel, Que.

†Rosedale, stm., 1507 tons, 246 ft. (1888),
 Canada Steamship Lines, Ltd., Toronto,
 Ont.
 †Rosemount, stm., 1580 tons, 245 ft., (1896),
 Montreal Trans. Co., Ltd., Montreal, Que.
 †Ross, Ella, stm., 228 tons, 99 ft., (1879), The
 Rathbun Co., Deseronto, Ont.
 Rosseau, stm., 53 tons, 70 ft., (1880), Wm.
 Henshaw, Gravenhurst, Ont.
 Rouette, Oscar, sail, 53 tons, 75 ft. (1900),
 Lyon Cohen, Montreal, Que.
 Rouville, stm., 301 tons, 125 ft., (1906), Min-
 ister of Marine & Fisheries, Ottawa, Ont.
 Rover, sail, 46 tons, 75 ft., (1884), Geo.
 Travis, Wallaceburg.
 Rowley, W. H., bge., 179 tons, 113 ft.,
 (1909), Ottawa Trans. Co., Ltd., Ottawa,
 Ont.
 Royal, sail, 63 tons, 48 ft., (1889), Thos. A.
 Clemence, Toronto.
 Royal Oak, sail, 196 tons, 112 ft. (1865),
 Montreal Transp. Co., Ltd., Montreal,
 Que.
 Ruby, stm., 72 tons, 70 ft., (1878), John Elli-
 son, Port Stanley.
 Ruby, bge., 145 tons, 107 ft. (1881), Dickson
 Anderson, Montreal, Que.
 Runner, sail, 42 tons, 72 ft. (1885), A. Da-
 neu Jr., Pierreville, Que.
 Russell, stm., 76 tons, 80 ft. (1896), W. C.
 Edwards & Co., Ltd., Rockland, Ont.
 Russell, C. E., bge., 146 tons, 108 ft. (1903),
 Ottawa Transp. Co., Ltd., Ottawa, Ont.
 Russell, John E., stm., 26 tons, 54 ft. (1902),
 John E. Russell, Toronto, Ont.

Roi des Eaux, sail, 96 tons, 93 ft., (1883), E.
 Sauvageau, Champlain, Que.
 Roi des Eaux, sail, 69 tons, 85 ft., (1889),
 Canadian Construction Co., Ltd., Mon-
 treat, Que.
 Roland, sail, 121 tons, 103 ft., (1906), Con-
 rad Lafreniere, Pierreville, Que.
 Rolph, John, stm., 421 tons, 137 ft., (1883),
 Point Anne Quarries, Ltd., Toronto, Ont.
 Romaine, sail, 65 tons, 64 ft., (1881), C. A.
 Cantin, Montreal, Que.
 Romkey, Mary M., sail, 77 tons, 70 ft.,
 (1902), Alfred Mercier, Berthier, Que.
 Root, H. A., stm., 208 tons, 114 ft., (1886),
 S. H. Braund, Windsor, Ont.
 Rooth, Wm. A., stm., 52 tons, 81 ft., (1871),
 The Great Lakes Towing Co., Ltd., Sar-
 nia.
 Roque, Russell (formerly Camilla), 39 tons,
 66 ft. (1890-1909), Joseph Roque, Killar-
 ney, Ont.
 Rosa, stm., 26 tons, 46 ft. (1902), Mrs. Lou-
 isa Blanchard, St. Hyacinthe, Que.
 Rosa, sail, 140 tons, 112 ft. (1892), M. Robi-
 doux, Yamaska, Que.
 Rose, sail, 79 tons, 95 ft. (1907), Price Bros.
 & Co., Ltd., Quebec, Que.
 Rose Anna, sail, 29 tons, 45 ft., (1874), P.
 Blais, Kamouraska, Que.
 Rose Delima, bge., 75 tons, 98 ft. (1873),
 Methode Lemay, St. Emelie, Que.
 Rose Delima, sail, 181 tons, 118 ft. (1893),
 P. Laplante, Lachine, Que.
 Rose Mysterieuse, sail, 39 tons, 56 ft. (1896),
 Amable Fournier, Montmagny, Que.

- Ruth, stm., 36 tons, 59 ft. (1899), William Owen, Montebello, Que.
 Rutherford, E. H., sail, 286 tons, 133 ft., (1881), Robert Crawford, Kingston, Ont.
 Rutherford, W., sail, 147 tons, 108 ft., (1910), The Ottawa Trans. Co., Ltd., Ottawa.
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- Sagamo, stm., 744 tons, 152 ft., (1906), Muskoka Lakes Nav. & Hotel Co., Toronto, Ont.
 Saginaw, stm., 357 tons, 142 ft., (1873), Gt. Lakes Towing Co., Ltd., Sarnia.
 Sagunay, sail, 81 tons, 74 ft., (1903), J. A. Mercier, Les Escoumains, Que.
 Saint Anne, stm., 25 tons, 72 ft., (1875), E. A. Hodgson, Hudson, Que.
 Saint Louis, sail, 334 tons, 127 ft., (1877), D. Sylvester, Toronto, Ont.
 Salaberry, sail, 74 tons, 84 ft., (1869), A. Levigne, Charlemagne, Que.
 Salvail, D. N., bge., 169 tons, 108 ft., (1887), E. Dansereau, Vercheres, Que.
 Salvail, bge., 168 tons, 108 ft., (1887), Pierre Letendre, Yamaska, Que.
 Salvor, stm., 126 tons, 105 ft., (1898), The Reid Wrecking Co., Ltd., Sarnia.
 Samson, stm., 129 tons, 98 ft. (1876), Franklin Crandell, Lindsay, Ont.
 Samson, stm., 119 tons, 85 ft. (1901), Wm. Ritchie, Three Rivers, Que.
 Samson, stm., 121 tons, 101 ft. (1862), Kingston & Montreal Forwarding Co., Ltd., Kingston, Ont.
- Sancta Anna, sail, 228 tons, 117 ft. (1894), Joseph Paul and Augustin Dumas, Con-trecoeur, Que.
 Sand Fly, sail, 28 tons, 45 ft., (1885), Cum-ming, Cornwall. Wm. Hand, Port Dal-house.
 Sand King, stm., 158 tons, 108 ft., (1888), H. F. Cumming, Cornwall.
 Sanford, stm., 56 tons, 72 ft., 1897), James Hunter et al., Wiarton, Ont.
 Sands, Isabella, sail, 231 tons, 134 ft., (1874), Peninsular Tug & Towing Co., Ltd., Wiarton, Ont.
 S. and Y., stm., 26 tons, 64 ft., (1905), Upper Ontario Steamboat Co., Ltd., New Lis-keard, Ont.
 Sandy Hook, bge., 214 tons, 139 ft., (—), Joseph Battle, Thorold, Ont.
 Sarah, sail, 65 tons, 73 ft., (1871) and 1882), C. Graham, Kincardine.
 Sarah Jane, sail, 238 tons, 131 ft., (1872), J. S. Nesbit, Sarnia.
 Sarnia, stm., 85 tons, 66 ft., (1901), The Reid Wrecking Co., Ltd., Sarnia, Ont.
 Sarnia City, stm., 223 tons, 105 ft., (1909), The Reid Wrecking Co., Ltd., Sarnia, Ont.
 †Sarnian (nee Chil), stm., 2,584 tons, 324 ft., (1895), Canada Steamship Lines, Ltd., Toronto, Ont.
 Sarona, stm., 32 tons, 71 ft., (1902), Hunts-ville & Bracebridge Tanning Co., Hunts-ville, Ont.

- Saronic, stm., 1961 tons, 252 ft., (1882),
Canada Steamship Lines, Ltd., Toronto,
Ont.
- Sarsfield, bge., 248 tons, 122 ft., (1907), Kaine
& Bird Transp. Co., Ltd., Quebec, Que.
- Saucy Jack, sail, 68 tons, 72 ft., (1864), J. H.
McDonald, Toronto.
- Saucy Jim, str., 93 tons, 84 ft., (1887), Mrs.
R. S. Fisher et al., Collingwood, Ont.
- Sault au Mouton, sail, 71 tons, 102 ft.,
(1907), Joseph A. N. Mercier, Sault au
Mouton, Que.
- Savage, stm., 25 tons, 45 ft., (1907), Joseph
Boucha and Joseph Gregory, Kenora,
Ont.
- Sawyer, Edgar P., stm., 52 tons, 49 ft.,
(1886), W. J. McMenemy, Bruce, Mines.
- Schofield, J. D., stm., 51 tons, 58 ft., (1910),
Geo. Ross, Port Robinson, Ont.
- Scotia, stm., 1,461 tons, 254 ft. (1901), Min-
ister of Railways and Canals, Ottawa,
Ont.
- Scotsman, stm., 265 tons, 108 ft., (1903),
Ottawa Forwarding Co., Ltd., Ottawa.
- Scott, L. N., sail, 42 tons, 78 ft., (1903),
Charlemagne & Lac Oureau Lumber
Co., Montreal, Que.
- Scott, Thomas R., stm., 258 tons, 138 ft.,
(1887), The Peninsula Tug & Towing
Co., Ltd., Wiarton, Ont.
- Scott, Walter, stm., 26 tons, 36 ft., (1876),
J. W. Waitland, Owen Sound.
- Scout, stm., 176 tons, 103 ft., (1900), Min-
ister of Marine and Fisheries, Ottawa.
- Scout No. 1, sail, 87 tons, 96 ft., (1903),
Great Lakes Dredging Co., Ltd., Port
Arthur, Ont.
- Scow No. 2, sail, 112 tons, 73 ft., (1903),
Great Lakes Dredging Co., Ltd., Port
Arthur, Ont.
- Scow No. 1, sail, 253 tons, 138 ft., (1901),
Riordan Paper Mills, Ltd., Merritton.
- Scow No. 2, sail, 251 tons, 138 ft., (1901),
Riordan Paper Mills, Ltd., Merritton.
- Scow No. 2, sail, 172 tons, 109 ft., (1906),
Montreal Sand & Gravel Co., Ltd., Mon-
treal, Que.
- Scow No. 3, sail, 138 tons, 103 ft., (1901),
Riordan Paper Mills Co., Ltd., Merritton.
- Scow No. 3, sail, 119 tons, 97 ft., (1903),
Montreal Sand & Gravel Co., Ltd., Mon-
treal, Que.
- Scow No. 4, sail, 282 tons, 89 ft., (1901),
Michael J. Hogan, Quebec, Que.
- Scow No. 6, sail, 165 tons, 104 ft., (1906),
Montreal Sand & Gravel Co., Ltd., Mon-
treal, Que.
- Scow No. 7, sail, 171 tons, 107 ft., (1906),
Montreal Sand & Gravel Co., Ltd., Mon-
treal, Que.
- Scow No. 8, sail, 174 tons, 109 ft., (1907),
Montreal Sand & Gravel Co., Ltd., Mon-
treal, Que.
- Scow No. 9, sail, 175 tons, 110 ft., (1907),
Montreal Sand & Gravel Co., Ltd., Mon-
treal, Que.
- Scow No. 28, sail, 230 tons, 104 ft., (1891),
Great Lakes Dredging Co., Ltd., Port
Arthur, Ont.

- Scow No. 29, sail, 230 tons, 104 ft., (1891), Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
- Scow No. 31, sail, 82 tons, 72 ft., (1891), Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
- Scow No. 36, sail, 421 tons, 124 ft., (1905), Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
- Scow No. 37, sail, 421 tons, 124 ft., (1905), Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
- *Scud, stm., 33 tons, 53 ft., (1903), Hugh Armstrong, Portage la Prairie, Man.
- Seabird, sail, 104 tons, 81 ft. (1875), Gaspar Dorion, Chateau Richer, Que.
- Sea Bird, sail, 121 tons, 91 ft., (1867), Mrs. Mary A. Cameron, Picton, Ont.
- Seaborn, stm., 30 tons, 75 ft. (1898), E. S. Clouston, Montreal, Que.
- Sea Gull, stm., 51 tons, 51 ft., (1862), Henry Bell, Sault Ste. Marie.
- Sea Gull, stm., 150 tons, 82 ft., (1906), Temagami Lumber Co., Ltd., Orilla, Ont.
- Sea King, stm., 26 tons, 58 ft., (1892), Dominion Fish Co., Ltd., Winnipeg, Man.
- Sea Star, sail, 52 tons, 57 ft., (1877), Achille Gagnon Malbaie, Que.
- Secor, J. K., stm., 83 tons, 77 ft., (1884), Albert Henning, Pelee Island, Ont.
- *Seguin, stm., 1,141 tons, 207 ft., (1890), J. B. Miller, et al., Toronto.
- Selig, Louisa J., sail, 99 tons, 80 ft., (1884), Alfred & Pierre Lavoie, Lapetite Riviere, St. Francois, Que.
- Selkirk, sail, 719 tons, 183 ft., (1894), Montreal, Trans. Co., Ltd., Montreal, Que.
- Senator, bge., 308 tons, 151 ft., (1882), Montreal Transp. Co., Ltd., Montreal, Que.
- Senecal, sail, 38 tons, 60 ft., (1883), Paul Barrette, Jr., Mille Vaches, Que.
- Sephie, sail, 261 tons, 136 ft., (1889), Ontario Lumber Co., Ltd., Toronto.
- Seymour, W. H., stm., 85 tons, 66 ft., (1874), N. H. Wright, Cutler.
- Shamrock, stm., 80 tons, 71 ft., (1890), Clifford Lewis, Keewatin, Ont.
- Shamrock, stm., 237 tons, 117 ft., (1898), Minister of Marine and Fisheries, Ottawa.
- Shamrock, sail, 81 tons, 95 ft., (1907), Price Bros. & Co., Ltd., Quebec, Que.
- Shanly, stm., 50 tons, 53 ft., (1908), Parry Sound Lumber Co., Ltd., Toronto, Ont.
- Shawanaga, stm., 96 tons, 80 ft., (1882), A. G. McKay, Owen Sound, Ont.
- Sheba, bge., 44 tons, 72 ft., (1873), Hilaire Carter, St. Louis, Que.
- Shirley, stm., 37 tons, 55 ft., (1903), James Richardson Co., Ltd., Montane, Que.
- Shoo Fly, stm., 25 tons, 44 ft., (1870), S. T. Reeves, Windsor.
- *Shuniah, dredge, 602 tons, 125 ft., (1910), Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
- Siesta, stm., 99 tons, 98 ft., (1882), F. N. Waldie, Toronto, Ont.
- *Silverland, stm., 92 tons, 85 ft., (1909), Hailey-burg Nav. Co., Ltd., Haileyburg, Ont.

- *Simcoe, stm., 913 tons, 180 ft., (1909), Minister of Marine and Fisheries, Ottawa, Ont.
 Simla, stm., 1,490 tons, 225 ft., (1903), Calvin Co., Ltd., Garden Island, Ont.
 †Sin-mac, stm., 322 tons, 130 ft., (1909), Sincennes McNaughton Line, Ltd., Montreal, Que.
 Sincennes, stm., 228 tons, 142 ft., (1893), Sincennes McNaughton Line, Ltd., Montreal, Que.
 Singapore, sail, 186 tons, 106 ft., (1878), J. C. Sutherland, Goderich.
 Siren, sail, 307 tons, 137 ft., (1874), The Montreal Trans. Co. Ltd., Montreal, Que.
 Sir Hector, stm., 40 tons, 71 ft., (1891), Ottawa Transp. Co., Ltd., Ottawa, Ont.
 Sir Wilfrid, dge., 570 tons, 108 ft., (1902-1909), Minister of Public Works, Ottawa, Ont.
 Siskiwitt, stm., 47 tons, 68 ft., (1879), Great Lakes Dredging Co., Ltd., Port Arthur, Ont.
 Six (6), 78 tons, 90 ft. (1872), N. Beauchemin, St. Aime, Que.
 Six (6), bge., 104 tons, 94 ft. (1870), Adolphe Gathien, Hull, Que.
 Sixsmith, W. H., bge., 147 tons, 112 ft. (1887), Ottawa Transp. Co., Ltd., Ottawa, Ont.
 Skylark, stm., 43 tons, 105 ft. (1874), Mrs. Emily E. Clow, Kingston, Ont.
 Sligo, sail, 284 tons, 137 ft., (1874), Point Anne Quarries, Ltd., Toronto, Ont.
- Smith, Agnes, stm., 57 tons, 64 ft., (1904), John Henderson and Lorne Smith, J. O., Little Current, Ont.
 Smith, Andrew J., stm., 387 tons, 117 ft. (1893), F. M. Perry, Sault Ste. Marie, Ont.
 Smith, Henry, stm., 40 tons, 69 ft. (1877), C. W. Gauthier, Sandwich, Ont.
 Smith, Lillie, stm., 275 tons, 130 ft., (1888), Geo. E. Smith, Southampton.
 Snow Queen, sail, 55 tons, 71 ft. (1873), Jos. Leveque, Chicoutimi, Que.
 S. O. Co. No. 41, bge., 481 tons, 157 ft., (1903), Imperial Oil Co., Ltd., Sarnia, Ont.
 S. O. Co. No. 52, bge., 433 tons, 139 ft., (1898), Imperial Oil Co., Ltd., Sarnia, Ont.
 †Sogénada, stm., 65 tons, 75 ft., (1909), Can. Gen. Development Co., Ltd., Montreal, Que.
 Soo City, formerly Mabel Bradshaw, stm., 500 tons, 135 ft., (1889), Herbert Cleland, Collingwood, Ont.
 Sorel, paddle stm., 158 tons, 198 ft., (1871), Richelieu & Ontario Nav. Co., Montreal, Que.
 Souilliere, Joseph, sail, 116 tons, 102 ft., (1896), J. Souilliere, Sorel, Que.
 South, stm., 349 tons, 130 ft., (1885), Quebec & Lewis Ferry Co., Ltd., Quebec, Que.
 Southwood, stm., 19 tons, 67 ft., (1884), D. W. Alexander, Toronto.
 Souvenir, stm., 1 ton, 17 ft., (1897), E. Ruel, Quebec, Que.

- Souvenir, sail, 19 tons, 40 ft., (1883), Francois, Degagne, Ile aux Coudres, Que.
 Souvereign, sail, 53 tons, 83 ft., (1876), James Mullens, Belleville.
 Sowards (formerly Rand) stm., 238 tons, 119 ft., (1888), J. F. Soward, Kingston, Ont.
 Sparrow, stm., 38 tons, 56 ft., (1882), John B. Smith, et al., Toronto.
 Spar, scow, 73 tons, 75 ft., (1909), Horrigan & Beagle, Port Arthur, Ont.
 †Spray, stm., 107 tons, 100 ft. (1893), Sincennes McNaughton Line, Ltd., Montreal, Que.
 Spray, stm., 47 tons, 74 ft., (1888), James Mahafferty, Port Albert.
 Spray, stm., 42 tons, 45 ft., (1874), D. B. McDonell, Cambridge.
 St. Adolph, B. B., sail, 25 tons, 47 ft., (1906), A. Degagne, Isle aux Coudres, Que.
 St. Aime, sail, 106 tons, 99 ft., (1898), Arthur Charland, St. Michel d'Yamaska, Que.
 St. Alexis, sail, 52 tons, 68 ft., (1906), T. L. Simard, Grande Baie, Que.
 St. Alphonse, sail, 149 tons, 109 ft., (1889), St. Alphonse Mongeau, Sorel, Que.
 St. Antoine, sail, 51 tons, 80 ft., (1879), Damase Chausse, Lanoraie, Que.
 St. Antoine, bge., 85 tons, 85 ft., (1891), V. Charland, St. Jean des Chaillons, Que.
 St. Antoine, bge., 99 tons, 100 ft., (1873), Thos. Sonne, Montreal, Que.
 St. Antoine, bge., 98 tons, 83 ft., (1901), Antoine Morneau, Leclercville, Que.
 St. Antoine, sail, 54 tons, 65 ft., (1895), P. Gosselin, Chateau, Richer, Que.
 St. Antoine, sail, 32 tons, 59 ft., (1902), Soleme Tremblay, Les Eboulements, Que.
 St. Antoine, sail, 54 tons, 72 ft., (1900), J. T. Alexis, et al., St. Anne de Chicoutimi, Que.
 St. Antoine, sail, 31 tons, 58 ft., (1903), Alban Tremblay, Les Eboulements, Que.
 St. Antoine, sail, 25 tons, 51 ft., (1906), Charles Mercier, Montmagny, Que.
 St. Antoine de Padoue, sail, 58 tons, 71 ft., (1900), Alfred Bouchard, Petite Riviere Co., Charlevoix, Que.
 St. Bartelemy, sail, 37 tons, 68 ft., (1899), Bartelemay Caron, St. Aime, Que.
 St. Benoit, sail, 41 tons, 67 ft., (1901), Jos. Bouchard, Petite Riviere, Que.
 St. Bernardin, sail, 101 tons, 101 ft., (1882), Nazaire Lavigne, Charlemagne, Que.
 St. Cerice, sail, 65 tons, 70 ft., (1900), R. Hudson, Quebec, Que.
 St. Charles, stm., 26 tons, 42 ft., (1904), Alfred Macdonald, Peterborough.
 St. Charles, sail, 121 tons, 104 ft., (1891), Charles Mongeau, Sorel, Que.
 St. Clair, sail, 101 tons, 82 ft., (1875), Peter Haggbloom, Port Burwell.
 St. Croix, stm., 506 tons, 125 ft., (1880), F. Boisvert, Ste. Croix, Que.
 St. Cyprien, sail, 128 tons, 105 ft. (1872), J. B. Desmarais, Pierreville, Que.
 St. Donat, sail, 75 tons, 83 ft., (1905), L. Lefeur, St. Croix, Que.

- St. Edgar, sail, 25 tons, 59 ft., (1893), C. Gagnon, St. Simeon, Que.
- St. Edouard, bge., 134 tons, 106 ft., (1892), Philippe Carrette, St. Jean Deschaillons, Que.
- St. Elzear, sail, 57 tons, 69 ft., (1907), Thos. Bois, Malbaie, Que.
- St. Etienne, stm., 33 tons, 58 ft., (1906), Murray Bay Lumber & Pub. Co., Ltd., St. Etienne de la Malbie, Que.
- St. Etienne, sail, 49 tons, 52 ft., (1888), Auguste Cote, Grande Baie, Que.
- St. Flavie, sail, 28 tons, 47 ft., (1876), Ferdinand Emond, Ste., Flaire, Que.
- St. Francois Xavier, sail, 92 tons, 88 ft., (1874), L. Bernier, St. Jean Deschaillons, Que.
- St. Francois Xavier, sail, 34 tons, 56 ft., (1878), Alfred Renaud, La Petite Riviere, St. Francois Xavier, Que.
- St. Francois Xavier, sail, 49 tons, 68 ft., (1906), Thomas Lavoie, Riviere St. Francois, Que.
- St. George, stm., 68 tons, 77 ft., (1892), D. Anderson, Montreal, Que.
- St. George, bge., 116 tons, 97 ft., (1900), Achille Lavigne, St. Paul, l'Ermit, Que.
- St. George, bge., 83 tons, 79 ft., (1902), Jean B. Daigle, St. Aime, Que.
- St. George, sail, 26 tons, 53 ft., (1886), Narcisse Collin, Montmagny, Que.
- St. George, bge., 37 tons, 64 ft., (1901), Alexander Hamel, St. Jean Deschaillons, Que.
- St. George, sail, 30 tons, 54 ft., (1901), Eugene Dufour, Petite Riviere, St. Francois Xavier, Que.
- St. George, sail, 43 tons, 60 ft., (1894), F. Simard, Chateau Richer, Que.
- St. Gertrude, sail, 111 tons, 105 ft., (1898), Donat Charland, Sorel, Que.
- St. Henri, stm., 101 tons, 85 ft., (1900), Alex. Morin et al., St. Henri de Tailon, Que.
- St. Hilaire, sail, 146 tons, 102 ft., (1882), Louis Sauvageau, Champlain, Que.
- St. Hilaire, sail, 29 tons, 43 ft., (1898), P. Tremblay, Isle aux Coudres, Que.
- St. Hilaire, sail, 50 tons, 70 ft., (1901), Joseph Bouillon, Rimouski, Que.
- St. Hyacinthe, bge., 74 tons, 96 ft., (1873), P. Tellier, Lachine, Que.
- St. Irenee, stm., 2,094 tons, 268 ft., (1867), Canada Steamship Lines, Ltd., Toronto, Ont.
- St. Jacques, stm., 57 tons, 80 ft., (1906), Theophile Lemyre et al., Grandes Piles, Que.
- St. Joe, stm., 118 tons, 70 ft., (1902), Jos. Servais, Port Arthur.
- St. Joe, stm., 39 tons, 56 ft., (1907), Mrs. R. B. McCaul, Sault Ste. Marie, Ont.
- St. Jean, bge., 68 tons, 83 ft., (1865), Jean Lemay, St. Jean, Deschaillons, Que.
- St. Jean Baptiste, sail, 143 tons, 188 ft., (1872), A. Bibeau, Notre Dame de Pierreville, Que.
- St. Jean Baptiste, sail, 51 tons, 78 ft., (1876), C. Levesque, Sorel, Que.

- St. Jean Baptiste, sail, 58 tons, 82 ft., (1874), Thomas Quillan, St. Henri, Que.
 St. Jean Baptiste, sail, 62 tons, 70 ft., (1906), Jean B. Dussault, Les Ecoreuils, Que.
 St. Joseph, sail, 53 tons, 75 ft., (1874), A. Desmarais, St. Francois, Que.
 St. Joseph, sail, 103 tons, 97 ft., (1884), Jos. Champagne, Nicolet, Que.
 St. Joseph, sail, 112 tons, 98 ft., (1882), W. Carpenter, Champlain, Que.
 St. Joseph, sail, 101 tons, 105 ft., (1886), Eusebe Lusier, Sorel, Que.
 St. Joseph, bge, 98 tons, 96 ft., (1862), Alexis Page, Lanoraie, Que.
 St. Joseph, bge, 66 tons, 91 ft. (1863), Alexis Page, Lanoraie, Que.
 St. Joseph, bge, 60 tons, 77 ft. (1888), Fritz Parrot, Leclercville, Que.
 St. Joseph, sail, 111 tons, 99 ft. (1895), A. Bois, Les Ecoreuils, Que.
 St. Joseph, sail, 99 tons, 98 ft. (1896), E. Himbeault, Chateau Richer, Que.
 St. Joseph, sail, 48 tons, 65 ft. (1897), Vezina Duchene, St. Irene, Que.
 St. Joseph, sail, 36 tons, 59 ft. (1900), Edouard Bolly, Baie St. Paul, Que.
 St. Joseph Trois Saumons, 28 tons, 50 ft. (1898), Nelson Blanchette, St. Ignace, Que.
 St. Laurent, stm., 349 tons, 127 ft., (1880-1900-1909), Joseph A. Lamarre, Montreal, Que.
 St. Laurent, bge, 69 tons, 79 ft. (1871), A. Gervais, St. Louis de Bonsecours, Que.
 St. Laurent, sail, 53 tons, 71 ft. (1901), Alfred Tremblay, Grandes Bergeronnes, Que.
 St. Laurent, sail, 70 tons, 75 ft. (1882), Joseph Ouellet, St. Germain de Rimouski, Que.
 St. Laurent, sail, 28 tons, 51 ft., (1886), Arthur Leclerc, Quebec, Que.
 St. Laurent, sail, 50 tons, 67 ft., (1904), Germain Lavoie, Petite Riviere, St. Francois Xavier, Que.
 †St. Lawrence, stm., 312 tons, 154 ft., (1884), Canada Steamship Lines, Ltd., Toronto, Ont.
 St. Lawrence, dge., 125 tons, 90 ft., (1890), Michael McAuliff, et al., Welland, Ont.
 St. Lawrence, sail, 102 tons, 98 ft., (1872), Moise Lamirande, St. Francois, Que.
 St. Louis, stm., 56 tons, 59 ft., (1875-1907) Montreal Sand & Gravel Co., Ltd., Montreal, Que.
 St. Louis, stm., 29 tons, 60 ft., (1900), St. Lawrence Yacht Club, Ltd., Dorval, Que.
 St. Louis, stm., 428 tons, 127 ft., (1880), Pierre McLean, La Prairie, Que.
 St. Louis, sail, 50 tons, 78 ft., (1876), N. Lavigne, Charlemagne, Que.
 St. Louis, sail, 114 tons, 97 ft., (1886), A. Laphante, Lachine, Que.
 St. Louis, bge., 73 tons, 94 ft., (1869), Jos. Chenard, Ste. Emelie, Que.
 St. Louis, sail, 47 tons, 65 ft., (1875), B. Caron, Les Escoumains, Que.
 St. Louis, sail, 73 tons, 77 ft., (1905), Louis Mailloux et al., Bay St. Paul, Que.

- St. Louis de Bonsecour, sail, 40 tons, 73 ft., (1878), F. Varieur, St. Louis de Bonsecours, Que.
- St. Louis de Metabetchouan, stm., 30 tons, 52 ft., (1902), William Price, Quebec, Que.
- St. Marie, sail, 52 tons, 79 ft., (1889), Nazaire Lavigne, Charlemagne, Que.
- St. Marie, sail, 117 tons, 101 ft., (1897), A. Fortier, Montreal, Que.
- St. Marie, bge., 103 tons, 94 ft., (1864), P. Laplante, Lachine, Que.
- St. Maurice, stm., 45 tons, 67 ft., (1900), Jos. Cote, St. Jacques de Piles, Que.
- St. Maurice, sail, 112 tons, 99 ft., (1888), Michel Cardin, St. Joseph de Sorel, Que.
- St. Michel, sail, 90 tons, 92 ft., (1887), Philip Carrett, St. Jean Deschaillons, Que.
- St. Michel, sail, 34 tons, 59 ft., (1906), Eloi Bouchard, La Petite Riviere, St. Francois, Que.
- St. Nicholas, sail, 45 tons, 86 ft., (1885), Canadian Cons. Co., Ltd., Montreal, Que.
- St. Nicholas, sail, 66 tons, 70 ft., (1891), Timothy Harvey, Bay St. Paul, Que.
- St. Patrick, sail, 96 tons, 93 ft., (1890), Victor Charland, St. Jean Deschaillons, Que.
- St. Patrick de Fraserville, sail, 36 tons, 54 ft., (1877), A. Desbein, Isle aux Condres, Que.
- St. Paul, sail, 65 tons, 88 ft., (1898), P. Joly, St. Anne de Sorel, Que.
- St. Paul, stm., 45 tons, 65 ft., (1875), The Minister of Public Works, Ottawa.
- St. Paul, sail, 56 tons, 67 ft., (1901), La Ferriere Lumber Co., Ltd., Montreal, Que.
- St. Peter, stm., 66 tons, 66 ft., (1875-1903), Harbor Comrs., Montreal, Que.
- St. Philippe, bge., 121 tons, 100 ft., (1884), Jos. Durand, Champlain, Que.
- St. Pierre, sail, 76 tons, 82 ft., (1876), L. St. Cyr, St. Pierre les Becquets, Que.
- St. Pierre, sail, 113 tons, 102 ft., (1881), Philcas Desmarais, Notre Dame de Pierreville, Que.
- St. Pierre, sail, 39 tons, 70 ft., (1875), P. Bellefeuille, Sorel, Que.
- St. Pierre, dge., 180 tons, 79 ft., (1899), Antoine St. Pierre, Three Rivers, Que.
- St. Pierre, sail, 44 tons, 67 ft., (1891), J. B. Brouillard, Dorill, Que.
- St. Pierre, sail, 55 tons, 67 ft., (1896), Leander Bouchard, Port Neuf, Que.
- St. Roch, sail, 110 tons, 108 ft., (1894), Miss Melina Robillard, Lanoraie, Que.
- St. Roch, sail, 32 tons, 57 ft., (1897), A. Tremblay, Grandes Bergeronnes, Que.
- St. Roch, sail, 41 tons, 64 ft., (1897), C. Vezina, Isle aux Grues, Que.
- St. Romuald, sail, 138 tons, 110 ft., (1906), Adolphe Marchand, Champlain, Que.
- St. Thomas, sail, 37 tons, 62 ft., (1902), Napoleon Fortin, Cap. St. Ignace, Que.
- St. Zenon, sail, 96 tons, 97 ft., (1870), E. Haynemand, Lanoraie, Que.
- Ste. Alphonsine, sail, 44 tons, 59 ft., (1897), F. Simard, Chateau Richer, Que.
- Ste. Anne, stm., 100 tons, 77 ft., (1905), One-sime Tremblay, Ste. Anne, Que.

- Ste. Anne, sail, 28 tons, 49 ft., (1886), J. Truchon, Bon Desir, Que.
 Ste. Anne, sail, 40 tons, 55 ft., (1901), Ben E. Goudreault, Manicouagan, Que.
 Ste. Anne, bge., 120 tons, 91 ft., (1873), Alfred Morin, Champlain, Que.
 Ste. Anne, sail, 36 tons, 56 ft., (1894), Cleophas Vezina, St. Michel de Bellechasse, Que.
 Ste. Anne, sail, 102 tons, 83 ft., (1898), Celestin Lajoie, St. Irene, Que.
 Ste. Anne, bge., 122 tons, 97 ft., (1898), Leon Collin, St. Antoine de Tilley, Que.
 Ste. Anne, sail, 31 tons, 51 ft., (1895), A. Tremblay, Les Eboulements, Que.
 Ste. Anne, sail, 28 tons, 50 ft., (1906), Auguste Lafrance, Ste. Anne de la Pocatiere, Que.
 Ste. Catherine, sail, 79 tons, 76 ft., (1869), M. Delisle, Portneuf, Que.
 Ste. Celestine, sail, 53 tons, 70 ft., (1904), Wm. Burton, Ste. Luce, Que.
 Ste. Croix, sail, 44 tons, 65 ft., (1902), Raymond Lavoie, La Petite Riviere, St. Francois Xavier, Que.
 Ste. Croix, sail, 63 tons, 77 ft., (1899), Ubald Desrochers, Ste. Croix, Que.
 Ste. Marie, sail, 47 tons, 59 ft., (1902), Etienne Landry, Manicouagan, Que.
 Ste. Marie, sail, 53 tons, 60 ft., (1886), Wilfrid Guimond, St. Jerome de Matane, Que.
 Ste. Marie, bge., 107 tons, 95 ft., (1898), Arthur Talon, St. Simeon, Que.
 Ste. Marie, sail, 41 tons, 65 ft., (1898), William Savard, St. Simeon, Que.
 Ste. Marie Anne, sail, 51 tons, 71 ft., (1884), Zepherin Reaume Chateau Richer, Que.
 †Stadacona, stm., ——— tons, 480 ft., (1908), Canada Steamship Lines, Ltd., Toronto, Ont.
 Stadacona, sail, 132 tons, 85 ft., (1875), V. Bouchard, Isle aux Coudres, Que.
 Staghound, bge., 139 tons, 103 ft., (1869), Harbor Comrs., Montreal, Que.
 Stanley, stm., 914 tons, 201 ft., (1888), The Minister Marine and Fisheries, Ottawa.
 Stanley, bge., 162 tons, 106 ft. (1907), Kaine & Bird Transp. Co., Ltd., Quebec, Que.
 Stanley, H. M., sail, 305 tons, 132 ft., (1873) Morden Transit Co., Ltd., Midland.
 Stanton, Ray, stm., 34 tons, 61 ft., (1910), Charles L. Stanton, Port Stanley, Ont.
 Star, bge., 321 tons, 136 ft. (1872), Montreal Transp. Co., Ltd., Montreal, Que.
 Steadfast, sail, 40 tons, 59 ft., (——), M. Saingelais, Les Escoumains, Que.
 Stella Marie, sail, 80 tons, 80 ft. (1899), Napoleon Martin, Les Ecoreuils, Que.
 Stella Maris, sail, 44 tons, 62 ft. (1867-1890), Michel Blais, Riviere Romaine, Que.
 Stella Maris, sail, 51 tons, 62 ft. (1880) Louis Castonguay, Jr., Matane, Que.
 Stella Maris, sail, 32 tons, 56 ft. (1902), Eusebe Godreau, Manicouagan, Que.
 Stephen D., sail, 211 tons, 71 ft., (1904), Cte Etienne Dussault, Livis, Que.

Stewart, Archie, stm., 80 tons, 81 ft., (1890),
 Ottawa Transportation Co., Ltd., Ottawa.
 Stone Lifter, bge., 67 tons, 64 ft. (1859),
 Harbor Commissioners, Montreal, Que.
 Stone, Walter H., stm., 35 tons, 64 ft., (1889),
 Albert Henning, Pelee Island.
 Stoney Lake, stm., 156 tons, 86 ft., (1904),
 Patrick P. Young, Young's Point
 Stody, Charles E., No. 1, scow, 61 tons, 80
 ft., (1908), Cleveland Sarnia Saw Mills Co.,
 Ltd., Sarnia, Ont.
 Storey, James, stm., 49 tons, 63 ft., (1888),
 H. W. Saxton, Aylmer.
 †Stormount, stm., 1955 tons, 249 ft., (1907),
 Montreal Transportation Co., Ltd., Mon-
 treal, Que.
 †Stover, John R., tug, — tons, 55 ft. (1911),
 Blind River Towing Co., Ltd., Blind
 River, Ont.
 Stranger, stm., 88 tons, 84 ft. (1872-1901),
 Mrs. W. N. Hammond, Wolf Island, Ont.
 †Strathcona, stm., 1881 tons, 249 ft., (1900),
 Canada Steamship Lines, Ltd., Toronto,
 Ont.
 Suffell, W. J., sail, 238 tons, 120 ft., (1874),
 William H. Gilbert, Belleville, Ont.
 Sultan, bge., 150 tons, 105 ft., (1883), Dick-
 son Anderson, Montreal, Que.
 Sultana, bge., 29 tons, 63 ft., (1907), Wilbert
 Harris & Daniel McAllister, Gore's Land-
 ing, Ont.
 Superieure, bge., 119 tons, 101 ft., (1870),
 Joseph Durand, Champlain, Que.
 Superior, stm., 89 tons, 90 ft., (1881), Jos.
 Ganley, Sault Ste. Marie, Ont.

Suprenaut, sail, 80 tons, 96 ft., (1874), Jos.
 Bertrand, Champlain, Que.
 Swan, scw., 66 tons, 48 ft., (1906), Hunts-
 ville, Lake of Bays & Lake Simcoe Nav.
 Co., Ltd., Huntsville, Ont.
 Sweepstake, stm., 28 tons, 37 ft., (1901),
 The Ontario Lumber Co., Toronto, Ont.
 Sydenham, dredge, 348 tons, 100 ft., (1908),
 Owen Sound Dredge & Construction Co.,
 Ltd., Owen Sound, Ont.
 Sylvester, stm., 27 tons, 45 ft., (1895), W. S.
 Shaw, Bracebridge.

T

T. F. M. No. 1, scow, 54 tons, 58 ft., (1892),
 T. F. Moore Co., Montreal, Que.
 T. F. M. No. 2, dredge, 151 tons, 71 ft.,
 (1892), T. F. Moore Co., Montreal, Que.
 T. F. M. No. 4, dredge, 143 tons, 76 ft.,
 (1895), T. F. Moore Co., Montreal, Que.
 †Tadousac, formerly Virginia, paddle stm.,
 1,701 tons, 248 ft., (1879), Canada Steam-
 ship Lines, Ltd., Toronto, Ont.
 Tadousac, sail, 41 tons, 53 ft., (1895), Charles
 J. Lajoie, St. Fulgence, Que.
 Taylor, Ella, stm., 34 tons, 60 ft., (1883),
 Geo. Ross, Port Robinson, Ont.
 †Taylor, J. Frater (nee Saturn), stm., 3,717
 tons, 346 ft., (1901), Algoma Central
 Steamship Line, Sault Ste. Marie, Ont.
 Taylor, M. J., sail, 377 tons, 150 ft., (1901),
 Joseph Murphy, Lauzon, Que.

- Tekla, gas, 83 tons, 102 ft., (1902), John C. Eaton, Toronto, Ont.
- Temiscamingue, stm., 295 tons, 133 ft., (1898), Temiskaming Nav. Co., Ltd., Mattawa, Ont.
- Temiscamingue No. 1, bge., 42 tons, 60 ft., (1903), Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
- Temiscamingue No. 2, bge., 42 tons, 60 ft., (1903), Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
- Temiscamingue No. 3, bge., 42 tons, 60 ft., (1903), Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.
- Temperance, sail, 38 tons, 66 ft., (1877), J. B. Gervais, Tilbury West.
- †Terrebonne, paddle stm., 636 tons, 156 ft., (1871-1895), Richelieu & Ont. Nav. Co., Montreal, Que.
- Teviot, bge., 160 tons, 105 ft., (1863), J. Gagnon, Montreal, Que.
- Texas, bge., 265 tons, 141 ft., (1880), Dickson Anderson, Montreal, Que.
- Theresa, stm., 84 tons, 85 ft., (1885), John Fleming and A. Tymon, Toronto, Ont.
- Theresa, stm., 26 tons, 49 ft., (1900), Knight Bros. Co., Ltd., Burk's Falls, Ont.
- Thistle, stm., 36 tons, 66 ft., (1881-1891), The Rondeau Tug Co., Ltd., Blenheim, Ont.
- Thistle, sail, 80 tons, 90 ft., (1907), Price Bros. Co., Ltd., Quebec, Que.
- Thistle, sail, 117 tons, 108 ft., (1869), John Eligh and David Eligh, Burritt's Rapids.
- Thomas, bge., 96 tons, 102 ft., (1874), E. Courchere, Sorel, Que.
- Thompson, F. W., sail, 119 tons, 95 ft., (1904), David Tousignant, Leclercville, Que.
- Thomson, David G., stm., 182 tons, 103 ft., (1883), Montreal Trans. Co., Ltd., Montreal, Que.
- Thor, stm., 323 tons, 136 ft., (1881), William Price, Quebec, Que.
- Thorella, sail, — tons, 37 ft., (1903), William C. Finley, Montreal, Que.
- Three, bge., 105 tons, 94 ft., (1870), Dennis Murphy, Ottawa, Ont.
- Three Brothers, sail, 36 tons, 50 ft., (1866), Xavier Boudreau, Esquimaux Point, Que.
- Thrush, bge., 584 tons, 181 ft., (1890), Montreal Transp. Co., Ltd., Montreal, Que.
- Thurso, bge., 153 tons, 105 ft., (1887), Ottawa, Transp. Co., Ltd., Ottawa, Ont.
- Thyra, stm., 34 tons, 66 ft., (1887), F. B. Polson, Toronto, Ont.
- Todman, H. N., sail, 110 tons, 92 ft., (1867), Wm. Stone Rice, Puce.
- Togo, dredge, 269 tons, 85 ft., (1897), Robert & R. G. Weddell, et al., Trenton, Ont.
- Toledo, bge., 36 tons, 138 ft., (1879), Montreal, Transp. Co., Ltd., Montreal, Que.
- Tolmie, J., sail, 227 tons, 130 ft., (1874), Grant Horne, Kingston, Ont.
- Tomasco, dredge, 128 tons, 75 ft., (1893), Thomas Gauthier, Montreal, Que.
- †Toronto, paddle stm., 2,779 tons, 269 ft., (1899), Canada Steamship Lines, Ltd., Toronto, Ont.

- Toronto, bge., 335 tons, 150 ft., (1874), J. E. A. Turcotte & D. Chevrier, St. Joseph de Sorel, Que.
- Torpedo, bge., 117 tons, 84 ft., (1882), E. E. Gilbert, Montreal, Que.
- Torrest, John, stm., 30 tons, 52 ft., (1875), Stephen Shipman, Richard's Landing, Ont.
- Tourterelle, sail, 102 tons, 96 ft., (1887), A. Arcand, Portneuf, Que.
- Touzin, Joseph, scow, 244 tons, 101 ft., (1900), Jos. Touzin, Montreal, Que.
- Tranquilo, stm., 39 tons, 77 ft., (1892), Electrical Development Co., Toronto.
- Traveler, stm., 438 tons, 140 ft., (1871), Canada Steamship Lines, Ltd., Toronto, Ont.
- Trenton, dredge, 251 tons, 75 ft., (1908), Robert Weddell, Trenton, Ont.
- †Trillium, stm., 673 tons, 150 ft., (1910), Toronto Ferry Co., Ltd., Toronto, Ont.
- Trois Rivières, paddle stm., 1,449 tons, 218 ft., (1869), Richelieu & Ont., Nav. Co., Montreal, Que.
- Try, sail, 84 tons, 91 ft., (1860), E. Griffin, Ottawa.
- Turbina, stm., 1,064 tons, 250 ft., (1904), Canada Steamship Lines, Ltd., Toronto, Ont.
- Turtle, stm., 38 tons, 65 ft., (1902), George Gordon, et al., Pembroke, Ont.
- Two (2), bge., 42 tons, 71 ft., (1872), Montreal Trans. Co., Ltd., Montreal, Que.
- Two Brothers, sail, 56 tons, 95 ft., (1881), Geo. Cousins, Belleville.
- Two Brothers, sail, 122 tons, 95 ft., (1868-1881), N. E. Angers, St. Anne de la Parade, Que.
- Twilight, sail, 41 tons, 79 ft., (1882), Clement Bell, Belleville.

U

- Umbria, stm., 43 tons, 58 ft., (1889), Jas. Murray, St. Catharines, Ont.
- Ungava, sail, 1,226 tons, 200 ft., (1906), Montreal Transp. Co., Ltd., Montreal, Que.
- Union, paddle stm., 267 tons, 132 ft., (1866), The Fort Erie Ferry Co., Fort Erie.
- United Lumberman, stm., 399 tons, 139 ft., (1884), Morden Transit Co., Ltd., Midland, Ont.
- Uno, sail, 75 tons, 76 ft., (1892), S. W. Whitley, Sombra.
- Upper Traverse, lightship, 97 tons, 77 ft., (—), Minister of Marine and Fisheries, Ottawa, Ont.

V

- Vacuna, stm., 52 tons, 75 ft., (1896), J. P. Wisser, Prescott.
- Valeda, sail, 52 tons, 72 ft., (1904), Louis Duford, St. Simeon, Que.
- Valencia, sail, 543 tons, 178 ft., (1888), Montreal, Trans. Co., Ltd., Montreal, Que.
- Valeria, stm., 52 tons, 75 ft., (1891), Francois Crepeau, Sorel, Que.

- Valleyfield, stm., 417 tons, 116 ft., (1873-1901), Jos. A. Lamarre, Montreal, Que.
 Van Allen, D. R., stm., 318 tons, 136 ft., (1874), Lake Coast Trading Co., Ltd., Port Arthur, Ont.
 Varuna, stm., 134 tons, 94 ft., (1880), Canada Steamship Lines, Ltd., Toronto, Ont.
 Venetta, stm., 31 tons, 61 ft., (1898), David Smith, Toronto.
 Verbena, stm., 72 tons, 70 ft., (1907), Lake of the Woods Milling Co., Ltd., Montreal, Que.
 Vera T., stm., 36 tons, 47 ft., (1908), John S. Thom, Quebec, Que.
 Verda Belle, stm., 34 tons, 55 ft., (1908), J. R. Moore, et. al., Port Stanley, Ont.
 Vermillion, stm., 87 tons, 65 ft., (1909), Wm. Ritchie, Three Rivers, Que.
 Vernon Jr., stm., 46 tons, 70 ft., (1902), Wm. H. Comstock, Brockville, Ont.
 Vert Pomme, sail, 111 tons, 101 ft., (1872), G. Lebrun, St. Aime, Que.
 Verva, stm., 55 tons, 66 ft., (1898), John Waldie, Toronto.
 Vezina, Emile, sail, 31 tons, 53 ft., (1894), Emelien Vezina, Isle aux Grues, Que.
 Victor, stm., 39 tons, 59 ft., (1875), E. A. D. Morgan, Montreal, Que.
 Victor, sail, 115 tons, 104 ft., (1872), George Foreman, Grace's Point, Que.
 Victor, sail, 180 tons, 108 ft., (1893), N. Laroche, Pierreville, Que.
 Victoria, sail, 156 tons, 109 ft., (1870), Allan J. Holloway, Toronto.
 Victoria, stm., 181 tons, 100 ft., (1899), Ottawa River Navigation Co., Montreal, Que.
 Victoria, stm., 343 tons, 102 ft., (1902), Amedee Malette, Rigaud, Que.
 Victoria, stm., 188 tons, 129 ft., (1897), Pembroke, Nav. Co., Ltd., Pembroke, Ont.
 Victoria, stm., 48 tons, 70 ft., (1901), John S. Thom, Quebec, Que.
 Victoria, paddle stm., 191 tons, 93 ft., (1867), Whitby & Port Perry Ry. Co., Whitby.
 Victoria, stm., 58 tons, 72 ft., (1900), The Brockville Nav. Co., Ltd., Brockville, Ont.
 Victoria, stm., 25 tons, 42 ft., (1901), Victoria Harbor Lumber Co., Ltd., Toronto.
 Victoria, sail, 96 tons, 100 ft., (1875), X. Lebrun, St. Aime, Que.
 Victoria, K., stm., 41 tons, 72 ft., (1903), Daniel & Frank Sullivan, Blind River, Ont.
 Victory, stm., 56 tons, 66 ft., (1870), William O. Connors, Quebec, Que.
 Vigie, sail, 59 tons, 71 ft., (1889), J. B. Barrette, St. Paul de Mille Vaches.
 Vigilant, stm., 396 tons, 177 ft., (1904), Minister of Marine and Fisheries, Ottawa.
 Viking, sail, 39 tons, 62 ft., (1891), F. H. Mitchell, Oakville.
 Villageois, bge., 93 tons, 93 ft., (1881), G. Gignac, Portneuf, Que.
 Ville Marie, stm., 32 tons, 35 ft., (1902), Joseph Lavigne, Ville Marie, Que.

Villeneuve, stm., 28 tons, 50 ft., (1901), Jos. S. Villeneuve, Kenora, Ont.
 Viper, stm., 34 tons, 60 ft., (1901), Wm. Collins, Bruce Mines.
 Virginia, sail, 185 tons, 110 ft., (1874), Kingstons & Montreal Forwarding Co., Ltd., Kingston.
 Virginia, stm., 146 tons, 107 ft. (1875), Sincennes McNaughton Line, Ltd., Montreal, Que.
 Virginie, bge., 86 tons, 83 ft. (1864), E. Hamelin, Grondines, Que.
 Virginie, bge., 112 tons, 96 ft., (1876), Solomon Berard, Sorel, Que.
 Vixen, stm., 68 tons, 48 ft., (1886), J. H. McCaul, Sault Ste. Marie.
 Vladimir, sail, 43 tons, 44 ft., (1897), S. Brown, Bracebridge.
 Voges, Theodore, sail, 132 tons, 103 ft., (1876), John Gowan, Deseronto, Ont.
 Voltigeur, sail, 34 tons, 61 ft., (1894), Hypolite Bouliane, Tadoussac, Que.
 Volunteer, sail, 59 tons, 88 ft., (1891), Barney Black, Kingston.
 †Voyageur, stm., 44 tons, 68 ft., (1895), Canada Iron Furnace Co., Ltd., Montreal, Que.

W

Wacauta, stm., 33 tons, 66 ft., (1909), C. W. Burgoyne, Fenelon Falls, Ont.
 †Wahcondah, stm., 1554 tons, 230 ft., (1903), Canada Steamship Lines, Ltd., Toronto, Ont.

Wahnaphitae, stm., 153 tons, 91 ft., (1904), C. Beck Mfg. Co., Ltd., Penetanguishene.
 Wales, stm., 350 tons, 126 ft., (1881), Westcott Wrecking Co., Ltd., Sarnia.
 Wampanoag, stm., 38 tons, 57 ft., (———), John Doran, Levis, Que.
 Wanda, stm., 39 tons, 65 ft., (1889), Daniel O'Connor, Temagami, Ont.
 †Wanda II, stm., 51 tons, 94 ft. (1905), T. Eaton, Toronto, Ont.
 Wanderer of the North, gas, 53 tons, 65 ft., (1910), W. M. Birks, Montreal, Que.
 Wanita, stm., 44 tons, 64 ft., (1896), A. A. Agar, Burk's Falls, Ont.
 Warmington, G. H., sail, 502 tons, 178 ft., (1872), E. A. Hall, et al., Ottawa, Ont.
 Wasaga, stm., formerly Wissahickon, 1,745 tons, 244 ft., (1875), Collingwood Shipping Co., Collingwood, Ont.
 Water Lily, stm., 95 tons, 100 ft., (1891), Ontario & Quebec Nav. Co., Ltd., Picton, Ont.
 Water Lily, stm., 54 tons, 80 ft., (1897-1901), Canada Steamship Lines, Ltd., Toronto, Ont.
 Waubaushene, stm., 99 tons, 71 ft., (1882), D. J. Burke, Midland, Ont.
 †Waubaushene, stm., 135 tons, 78 ft., (1904), Georgian Bay Lumber Co., Ltd., (Waubaushene).
 Waubaushene, sail, 478 tons, 149 ft., (1872), Collins Bay Rafting & Forwarding Co., Ltd., Kingston, Ont.
 †Wawinet, stm., 68 tons, 87 ft., (1904), Wm. McKenzie, Toronto.

- Wawona, stm., 31 tons, 60 ft., (1908), H. Manley, Meaford, Ont.
- Wayne-Isbell, stm., 48 tons, 70 ft., (1876), Norman Trotter, Little Current, Ont.
- Weddell, Rob. G., stm., 45 tons, 66 ft., (1907), Robert Weddell, Trenton, Ont.
- Weir, J. C., bge., 126 tons, 93 ft. (1879), D. Damphouse, St. Timothy, Que.
- Wendigo, stm., 33 tons, 52 ft., (1908), Rat Portage Lumber Co., Ltd., St. Boniface, Man.
- Wenona, stm., 26 tons, 66 ft., (1905), Upper Ontario Steamboat Co., Ltd., New Liskeard, Ont.
- Wenonah, stm., 93 tons, 94 ft., (1886 and 1906), R. J. Watson, Burk's Falls, Ont.
- West Arm, stm., 27 tons, 55 ft., (1901), Henry Quesnel, Sturgeon Falls, Ont.
- West, D. C., stm., 60 tons, 80 ft., (1874), J. Fleming, Toronto.
- †Westmount, stm., 1875 tons, 248 ft., (1903), Montreal Trans. Co., Ltd., Montreal, Que.
- Westport, stm., 196 tons, 103 ft., (1862), M. Scanlan, Montreal, Que.
- Westport, stm., 80 tons, 87 ft., (1903), Wesley Brooker, Portland, Ont.
- Whalen, James, stm., 313 tons, 108 ft. (1905), Canadian Towing & Wrecking Co., Ltd., Port Arthur, Ont.
- Wheat Bin, bge., 320 tons, 149 ft. (1870), Alphonse Desrosier, Lanoraie, Que.
- Whelan, P., bge., 146 tons, 108 ft. (1902), Ottawa Transp. Co., Ltd., Ottawa, Ont.
- Where Now, stm., 48 tons, 77 ft., (1889), John F. Chapman, Gananoque, Ont.
- Whitaker, Byron, stm., 1,586 tons, 220 ft., (1890), F. E. Hall & Co., 14 Place Royale, Montreal, Que.
- White Bird, sail, 89 tons, 92 ft. (1878), E. Auclair, Haverhill, Mass., U. S. A.
- White Cloud, sail, 99 tons, 80 ft. (1889-1899), Marie Louise Fortier, Montreal, Que.
- White, Eliza, sail, 105 tons, 93 ft., (1867-1887), P. McManus, Picton.
- White, N. W., sail, 90 tons, 79 ft., (1908), Henri Belley, Quebec, Que.
- White Oak, sail, 180 tons, 111 ft., (1867), Collins' Inlet Lumber Co., Toronto, Ont.
- †White Star, paddle stmr., 629 tons, 167 ft., (1897-1905), The St. Lawrence Canadian Nav. Co., Ltd., Montreal, Que.
- William, stm., 49 tons, 57 ft. (1877), William W. Tate, Montreal, Que.
- Williams, bge., 61 tons, 88 ft. (1902), Charles Ross, Port Maitland, Ont.
- Williams, Eliza, stm., 50 tons, 62 ft., (1872), Can. Towing & Wrecking Co., Ltd., Port Arthur, Ont.
- Willowdee, stm., 25 tons, 69 ft. (1904), W. L. Hepton, Leeds, Eng.
- Wilson, Alfred, stm., 33 tons, 45 ft., (1879), D. Sutherland, Chatham, Ont.
- Windermere, stm., 31 tons, 77 ft., (1881), Antoine Gagnon, Quebec, Que.
- Windsor, formerly Iroquois, stm., 1,962 tons, 257 ft., (1892), Montreal Transportation Co., Ltd., Montreal, Que.

Wing, Winnie, sail, 183 tons, 118 ft., (1867),
 Reuben B. Shipman, Napanee, Ont.
 Wingfield, dredge, 191 tons, 73 ft., (1895),
 C. S. Boone, Toronto, Ont.
 Winner, stm., 83 tons, 77 ft., (1884), Albert
 Henning, Pelee Island, Ont.
 Winnipeg, sail, 68 tons, 179 ft. (1893), Mon-
 treal Transp. Co., Ltd., Montreal, Que.
 †Winona, stm., 2,085 tons, 252 ft., (1906), Can-
 ada Steamship Lines, Ltd., Toronto, Ont.
 Winona, stm., 231 tons, 101 ft., (1902), Mrs.
 Isabella D. White, Midland, Ont.
 Winona, bge., 227 tons, 121 ft., (1874), Fran-
 cois Sauve, Beauharnois, Que.
 Winona, bge., 149 tons, 110 ft., (1890), Ot-
 tawa Transp. Co., Ltd., Ottawa, Ont.
 Winslow, stm., 353 tons, 120 ft., (1865), Reid
 Wrecking Co., Ltd., Sarnia, Ont. Lost
 1911.
 †Witherbee, J. G., stm., 165 tons, 111 ft.,
 (1872), The Minister of Public Works,
 Ottawa, Ont.
 Wolfe Islander, stm., 224 tons, 118 ft.,
 (1904), The Corporation of the Township
 of Wolfe Island, Ont.
 Wood, bge., 171 tons, 112 ft., (1887), Ottawa
 Transp. Co., Ltd., Ottawa, Ont.

X

X. M., sail, 48 tons, 70 ft., (1909), J. F. Mo-
 reau, Les Escoumains, Que.

Y

Yamaska, bge., 57 tons, 79 ft., (1859), Wil-
 liam Graham, Vaudreuil, Que.
 Yamaska, sail, 99 tons, 96 ft., (1898), F. X.
 Martel, Ste. Croix, Que.
 Yamaska, bge., 160 tons, 107 ft., (1873), Ade-
 lard Bourdon, Lanoraie, Que.
 Yeldah, stm., 42 tons, 63 ft., (1901-1905),
 Jos. Hadley, Chatham, Ont.
 Yennek, stm., 39 tons, 57 ft., (1896), D. J.
 Kenney, Gananoque, Ont.
 Yergeau, sail, 132 tons, 108 ft., (1909), Ade-
 lard Yergeau, Pierreville, Que.
 You and I, stm., 25 tons, 52 ft., (1902), John
 McKeown, Port Maitland.
 Yvon, stm., 51 tons, 58 ft., (1906), Sincen-
 nes McNaughton Line, Montreal, Que.

Z

Zahra, sail, 47 tons, 75 ft., (1904), A. Emil-
 ius Jarvis, Toronto, Ont.
 Zapotec, sail, 779 tons, 207 ft., (1890), Que-
 bec Trans. Co., Ltd., Quebec, Que.
 Zara, stm., 35 tons, 55 ft., (1903), Pearsall &
 Dease, Port Rowan.
 Zephir, No. 1, sail, 50 tons, 74 ft., (1901),
 Prudent Blais, Ste. Croix, Que.
 Zephir, P., stm., 237 tons, 93 ft., (1910), John
 Paquette, Champlain, Que.
 Zephyr, sail, 33 tons, 63 ft. (1892), J. Pa-
 quette, Champlain, Que.

Vessels Registered in Great Britain but Owned in Canada.

† Indicates that vessel is built of steel or iron.

- †Acadian, stm., 2,305 tons, 248 ft., (1908), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Ames, A. E., stm., 1,637 tons, 246 ft., (1903), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Aranmore, stm., 1,170 tons, 241 ft., (1890), James Holliday, Quebec, Que.
- †Calgarian, motor ship, 250 (1912), Canada Transportation Lines, Ltd., Montreal, Que.
- †Canadian, stm., 2,214 tons, 248 ft., (1907), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Carleton, stm., 1,351 tons, 240 ft., (1907), F. E. Hall, Montreal, Que.
- †Corunna, stm., 1,269 tons, 230 ft., (1891), Canadian Lake Transportation Co., Ltd., Toronto, Ont.
- †Dunelm, stm., 2,319 tons, 250 ft., (1907), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Edmonton, stm., 1,983 tons, 249 ft., (1906), Mathews Steamship Co., Ltd., Toronto, Ont.
- †Empress of Fort William (nee Mount Stephen), stm., 2,181 tons, 250 ft., (1908), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Empress of Midland, stm., 2,244 tons, 252 ft., (1907), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Fordonian, motor ship, 250 ft., (1913), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Gordon, D. A., stm., 2,301 tons, 249 ft., (1910), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Jaques, C. A., stm., 2,105 tons, 249 ft., (1909), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Kamistiquia, stm., 2,173 tons, 250 ft., (1909), Western Navigation Co., Ltd., Fort William, Ont.
- †Kenora, stm., 1,955 tons, 249 ft., (1907), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Keypont, stm., 1,721 tons, 250 ft., (1909), Keystone Trans. Co., Ltd., Montreal, Que.
- †Keywest, stm., 1,725 tons, 250 ft., (1909), Keystone Trans. Co., Ltd., Montreal, Que.
- †Kinmount, stm., 2,112 tons, 249 ft., (1908), Montreal Transportation Co., Ltd., Montreal, Que.
- †Leafield, stm., 1,454 tons, 249 ft., (1892), Algonoma Central & Hudson Bay Ry. Co., Sault Ste. Marie, Ont. Founded 1913.
- †McKee, J. A., stm., 2,158 tons, 248 ft., (1908), Western Steamship Co., Ltd., Toronto, Ont.

- †McKinstry, A. E., stm., 1,964 tons, 250 ft., (1910), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Michigan, stm., 1,730 tons, 296 ft., (1890), Canadian Pacific Ry. Co., Montreal, Que.
- †Mount Stephen, (see Empress of Fort William).
- †Neebing, stm., 1,879 tons, 247 ft., (1903), Canadian North-West Steamship Co., Ltd., Toronto, Ont.
- †Nevada, stm., 1,276 tons, 230 ft., (1890), Canadian Lake Transportation Co., Ltd., Toronto, Ont.
- †Paliki, stm., 1,578 tons, 240 ft., (1889), Al-goma Central & Hudson Bay Ry. Co., Sault Ste. Marie, Ont.
- †Pellatt, H. M., stm., 1,592 tons, 239 ft., (1903), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Plummer, J. H., stm., 1,582 tons, 246 ft., (1903), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Port Colborne, stm., 1,729 tons, 250 ft., (1909), Swan Hunter & Wigham Richardson, Ltd., Wallsend, G. B.
- †Regina, stm., 1,957 tons, 249 ft., (1907), Canadian Lake Transportation Co., Ltd., Toronto, Ont. Foundered 1913.
- †Renwick, stm., 664 tons, 180 ft., (1890), Renwick Co., Ltd., Toronto, Ont.
- †Saguenay, stm., 2,777 tons, 258 ft., (1911), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Saskatoon, stm., Canada Steamship Lines, Ltd., Toronto, Ont.
- †Savoy, stm., 348 tons, 129 ft., (1895), Compagnie Maritime et Commerciale, Anticosti, Que.
- †Scottish Hero, stm., 2,202 tons, 297 ft., (1895), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Tagona, stm., 2,004 tons, 249 ft., (1908), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Toiler, motor ship, 248 ft., (1911), Canada Transportation Lines, Ltd., Montreal, Que.
- †Turret Cape, stm., 1,827 tons, 253 ft., (1896), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Turret Chief, stm., 1,881 tons, 253 ft., (1896), Canadian Lake & Ocean Navigation Co., Ltd., Toronto, Ont. Foundered 1913.
- †Turret Court, stm., 1,879 tons, 253 ft., (1896), Canada Steamship Lines, Ltd., Toronto, Ont.
- †Wexford, stm., 2,104 tons, 250 ft., (1883), Western Steamship Co., Ltd., Toronto, Ont. Foundered 1913.
- †Yorkton, stm., 250 ft., (1911), Mathews Steamship Co., Toronto, Ont.

TABLE OF WAGES.

DAYS	\$15 00	\$20 00	\$25 00	\$30 00	\$35 00	\$40 00	\$45 00	\$50 00	\$55 00	\$60 00	\$65 00	\$70 00
1	50	67	83	1 00	1 17	1 33	1 50	1 67	1 83	2 00	2 17	2 33
2	1 00	1 33	1 67	2 00	2 33	2 67	3 00	3 33	3 67	4 00	4 33	4 67
3	1 50	2 00	2 50	3 00	3 50	4 00	4 50	5 00	5 50	6 00	6 50	7 00
4	2 00	2 67	3 33	4 00	4 67	5 33	6 00	6 67	7 33	8 00	8 67	9 33
5	2 50	3 33	4 17	5 00	5 83	6 67	7 50	8 33	9 17	10 00	10 83	11 67
6	3 00	4 00	5 00	6 00	7 00	8 00	9 00	10 00	11 00	12 00	13 00	14 00
7	3 50	4 67	5 83	7 00	8 17	9 33	10 50	11 67	12 83	14 00	15 17	16 33
8	4 00	5 33	6 67	8 00	9 33	10 67	12 00	13 33	14 67	16 00	17 33	18 67
9	4 50	6 00	7 50	9 00	10 50	12 00	13 50	15 00	16 50	18 00	19 50	21 00
10	5 00	6 67	8 33	10 00	11 67	13 33	15 00	16 67	18 33	20 00	21 67	23 33
11	5 50	7 33	9 16	11 00	12 83	14 67	16 50	18 33	20 17	22 00	23 83	25 67
12	6 00	8 00	10 00	12 00	14 00	16 00	18 00	20 00	22 00	24 00	26 00	28 00
13	6 50	8 67	10 83	13 00	15 17	17 33	19 50	21 67	23 83	26 00	28 17	30 33
14	7 00	9 33	11 67	14 00	16 33	18 67	21 00	23 33	25 67	28 00	30 33	32 67
15	7 50	10 00	12 50	15 00	17 50	20 00	22 50	25 00	27 50	30 00	32 50	35 00
16	8 00	10 67	13 34	16 00	18 67	21 33	24 00	26 67	29 33	32 00	34 67	37 33
17	8 50	11 33	14 17	17 00	19 83	22 67	25 50	28 33	31 17	34 00	36 83	39 67
18	9 00	12 00	15 00	18 00	21 00	24 00	27 00	30 00	33 00	36 00	39 00	42 00
19	9 50	12 67	15 83	19 00	22 17	25 33	28 50	31 67	34 83	38 00	41 17	44 33
20	10 00	13 33	16 67	20 00	23 33	26 67	30 00	33 33	36 67	40 00	43 33	46 67
21	10 50	14 00	17 50	21 00	24 50	28 00	31 50	35 00	38 50	42 00	45 50	49 00
22	11 00	14 67	18 34	22 00	25 67	29 33	33 00	36 67	40 33	44 00	47 67	51 33
23	11 50	15 33	19 17	23 00	26 83	30 67	34 50	38 33	42 17	46 00	49 83	53 67
24	12 00	16 00	20 00	24 00	28 00	32 00	36 00	40 00	44 00	48 00	52 00	56 00
25	12 50	16 67	20 83	25 00	29 17	33 33	37 50	41 67	45 83	50 00	54 17	58 33
26	13 00	17 33	21 67	26 00	30 33	34 67	39 00	43 33	47 67	52 00	56 33	60 67
27	13 50	18 00	22 50	27 00	31 50	36 00	40 50	45 00	49 50	54 00	58 50	63 00
28	14 00	18 67	23 34	28 00	32 67	37 33	42 00	46 67	51 33	56 00	60 67	65 33
29	14 50	19 33	24 17	29 00	33 83	38 67	43 50	48 33	53 17	58 00	62 83	67 67
30	15 00	20 00	25 00	30 00	35 00	40 00	45 00	50 00	55 00	60 00	65 00	70 00

DAYS	\$75 00	\$80 00	\$85 00	\$90 00	\$95 00	\$100 00	\$105 00	\$110 00	\$115 00	\$120 00	\$125 00
1	2 50	2 67	2 83	3 00	3 17	3 33	3 50	3 67	3 83	4 00	4 17
2	5 00	5 33	5 67	6 00	6 33	6 67	7 00	7 33	7 67	8 00	8 33
3	7 50	8 00	8 50	9 00	9 50	10 00	10 50	11 00	11 50	12 00	12 50
4	10 00	10 67	11 33	12 00	12 67	13 33	14 00	14 67	15 33	16 00	16 67
5	12 50	13 33	14 17	15 00	15 83	16 67	17 50	18 33	19 17	20 00	20 83
6	15 00	16 00	17 00	18 00	19 00	20 00	21 00	22 00	23 00	24 00	25 00
7	17 50	18 67	19 83	21 00	22 17	23 33	24 50	25 67	26 83	28 00	29 17
8	20 00	21 33	22 67	24 00	25 33	26 67	28 00	29 33	30 67	32 00	33 33
9	22 50	24 00	25 50	27 00	28 50	30 00	31 50	33 00	34 50	36 00	37 50
10	25 00	26 67	28 33	30 00	31 67	33 33	35 00	36 67	38 33	40 00	41 67
11	27 50	29 33	31 17	33 00	34 83	36 67	38 50	40 33	42 17	44 00	45 83
12	30 00	32 00	34 00	36 00	38 00	40 00	42 00	44 00	46 00	48 00	50 00
13	32 50	34 67	36 83	39 00	41 17	43 33	45 50	47 67	49 83	52 00	54 17
14	35 00	37 33	39 67	42 00	44 33	46 67	49 00	51 33	53 67	56 00	58 33
15	37 50	40 00	42 34	45 00	47 50	50 00	52 50	55 00	57 50	60 00	63 00
16	40 00	42 67	45 33	48 00	51 67	55 33	58 00	61 67	65 33	69 00	73 00
17	42 50	45 33	48 17	51 00	54 83	58 67	62 50	66 33	70 17	74 00	78 33
18	45 00	48 00	51 00	54 00	58 00	62 00	66 00	70 00	74 00	78 00	82 00
19	47 50	50 67	53 33	57 00	61 17	65 33	69 50	74 17	78 33	82 50	87 17
20	50 00	53 33	56 67	60 00	64 33	68 67	73 00	77 33	81 67	86 00	90 33
21	52 50	56 00	59 50	63 00	67 50	72 00	76 50	81 00	85 50	90 00	94 50
22	55 00	58 67	62 33	66 00	70 67	75 33	80 00	84 67	89 33	94 00	98 67
23	57 50	61 33	65 17	69 00	73 83	78 67	83 50	88 33	93 17	98 00	102 83
24	60 00	64 00	68 00	72 00	76 00	80 00	84 00	88 00	92 00	96 00	100 00
25	62 50	66 67	70 83	75 00	79 17	83 33	87 50	91 67	95 83	100 00	104 17
26	65 00	69 33	73 67	78 00	82 83	86 67	91 00	95 33	99 67	104 00	108 33
27	67 50	72 00	76 50	81 00	85 50	90 00	94 50	99 00	103 50	108 00	112 50
28	70 00	74 67	79 33	84 00	88 67	93 33	98 00	102 67	107 33	112 00	116 67
29	72 50	77 83	82 17	87 00	91 83	96 67	101 50	106 33	111 17	116 00	120 83
30	75 00	80 00	85 00	90 00	95 00	100 00	105 00	110 00	115 00	120 00	125 00

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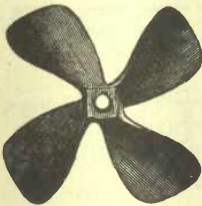
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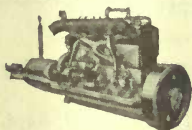
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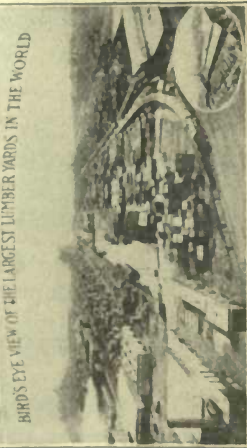
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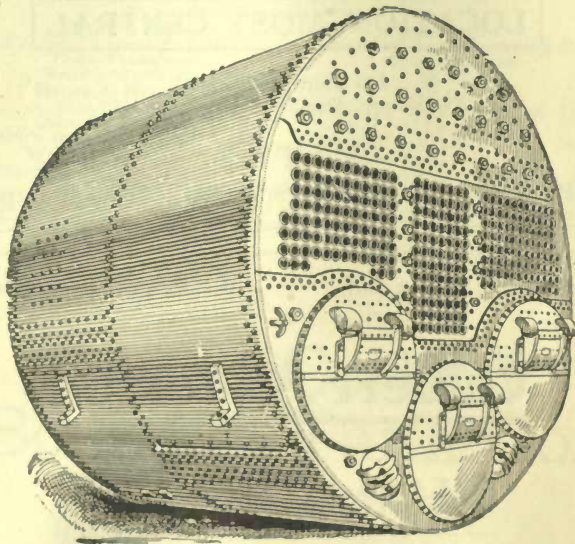
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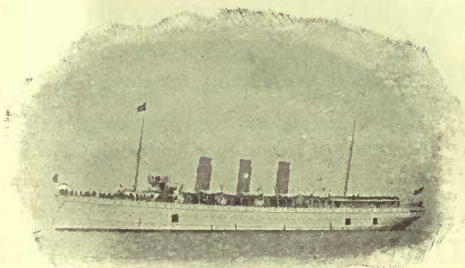
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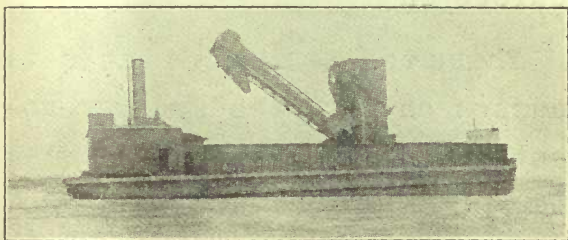
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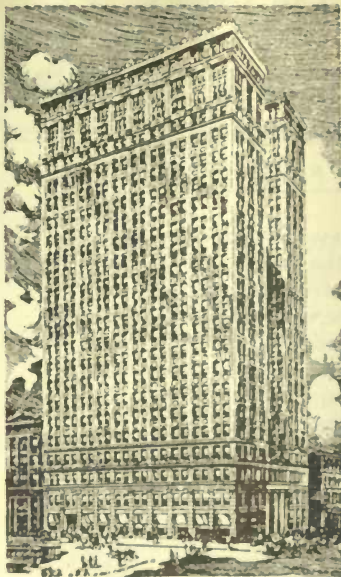
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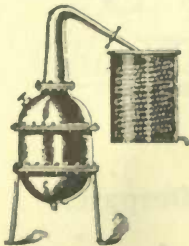
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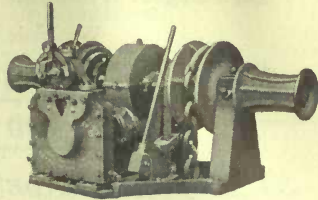
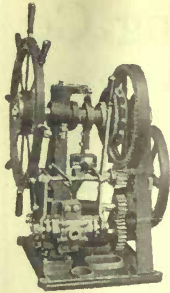
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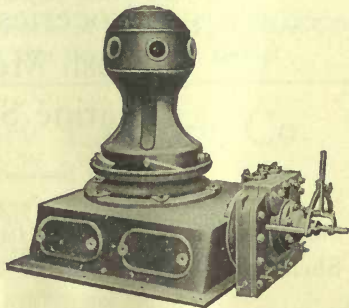
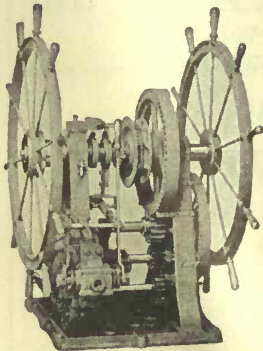
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11

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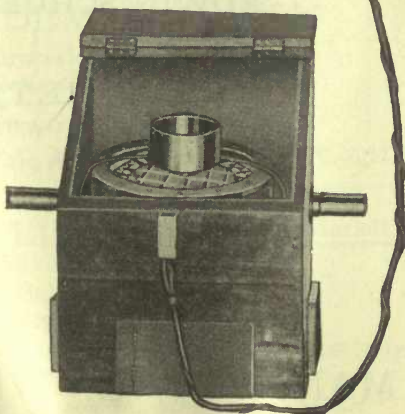
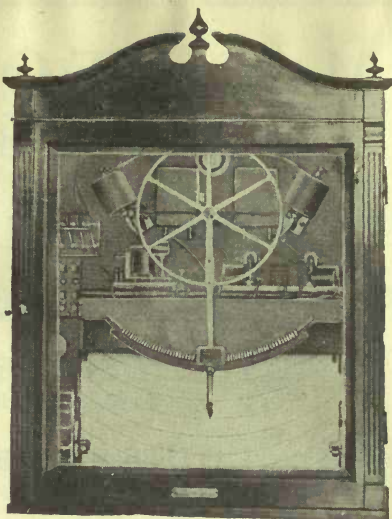
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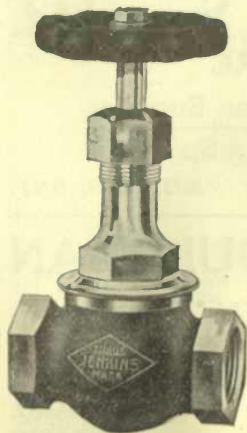
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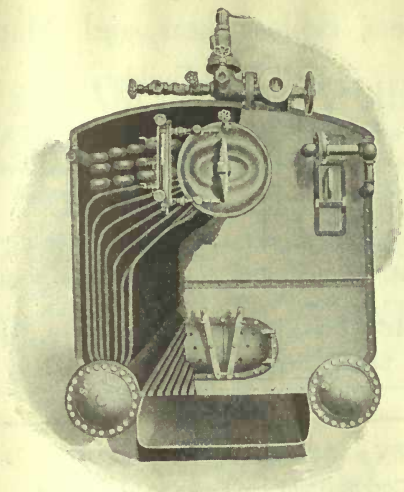
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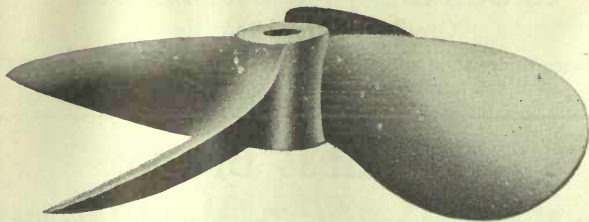
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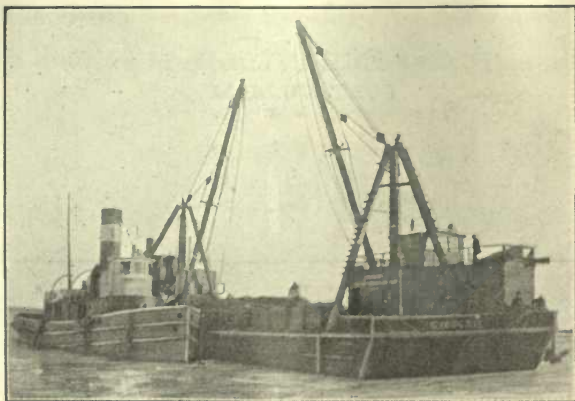
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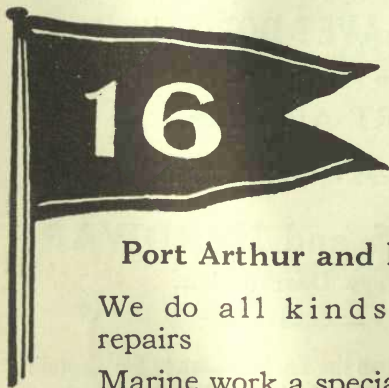
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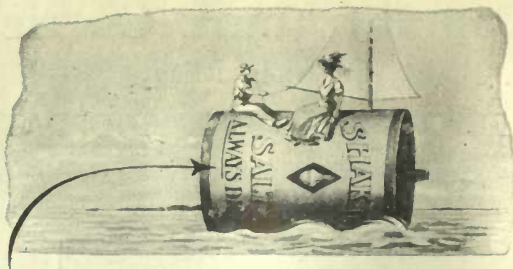
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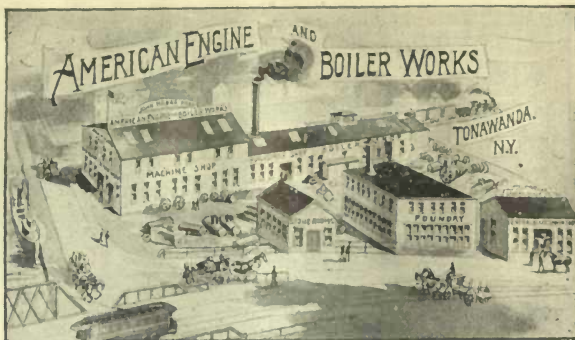
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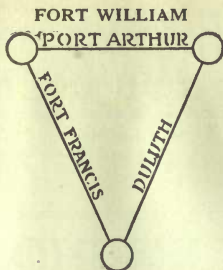
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 Adriatic, Frank Randall.
 Advance, J. M. Guild.
 Agassiz, R. L., G. B. Brock.
 Agawa, J. A. Brown.
 Agnew, Wm. C., Chas. B. Galton.
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 Alaska, Joseph E. Mahon.
 Alberta, F. J. Davis.
 Albright, J. J., J. W. Auttonson.
 Aletha, J. E. Rathbun.
 Alexandria, Joseph Rinfret.
 Algoma, F. French.
 Algomah, G. W. Boynton.
 Algonquin, Fred R. Johnson.
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 Alpena, C. L. Atkinson.
 Amazon, J. C. Hays.
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 America, E. C. Smith.
 America, A. R. MacLeod.
 Americana, Alfred Johnson.
 Ames, A. E., T. S. Patterson.
 Ames, Ward, James S. Neal.
 Andaste, W. H. Cousins.
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 Angeline, F. D. Perew.
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 Ann Arbor 4, A. L. Larsen.
 Ann Arbor 5, B. F. Tulledge.
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 Arctic (Tug), B. Sniffing.
 Arcturus, J. L. Weeks.
 Arenac (Bge), R. D. Taylor.
 Argo, W. U. Randall.
 Ariel, Wm. H. Carr.
 Arizona, C. C. Fowler.
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 Arthur (Sch.), James H. Peacock.
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 Ashland (Tug), Manning Kilton.
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 Assiniboia, James McCannel.
 Athabasca, J. B. Currie.
 Athens (Bge), Chas. Ryckman.
 Atikokan, W. J. Brown.
 Augustus (Bge), T. L. Leduc.
 Augustus, A. A., E. Detlafs.
 Aurora (Bge), Lewis Fox.
 Avon, John Gallagher.
 Aztec, George C. Sauer.
 Baby (Tug), L. A. Carter.
 Bacon, Melvin S. (Sch.), Wm. McWuinn.
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 Ball Bros., Peter Greene.
 Ball, Frank C., Ernest Warwick.
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 Barlum, John J. (Bge.), Alex. Shanon.
 Barlum, Thomas, Richard A. Cain.
 Barnes, J. C. (Tug), Sam Corson.
 Barnum, A. R. Morse.
 Barth, L. L., John E. Hayes.
 Bartlett (Tug), A. Lepine Jr.
 Bartow, J. H., A. E. White.
 Beard, James, Geo. Waugh.
 Beattie, Chas. S., Hugh McKenzie.
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 Bope, H. P., J. H. Lowes.
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 Boucherville, A. Lavolette.
 Bowman, A. F. (Tug), H. Gehl.
 Boyce, Geo. J. (Sch.), Nels J. Norem.
 Boyce, Isabella J., Walter Pringle.
 Bradley, M. A., M. Mulholland.
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 Brandon, Geo. H. Kinch.
 Bransford, Wm. Lohr.
 Brazil, H. R. Winkler.

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 Brokate, Jos. Allor.
 Bronson, L. Mallan.
 Brower, A. G., Howard Geel.
 Brown, Harvey H., D. Girardin.
 Brown, J. J. H., L. A. Rand.
 Brown, W. L., Wells Eger.
 Brown, W. W., James Coffey.
 Brownell, George F., C. W. Watson.
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 Buckley, Edward, Fred Gunderson.
 Buffalo, John Kennedy.
 Buffington, R. Jollie.
 Bunsen, S. E. Meeker.
 Burke, D. J. (Tug), B. Nichaoolas.
 Burlington, W. H. Williams.
 Burma (Bge.), Wm. Leduc.
 Butler, Jos. G. Jr., James Murphy.
 Byers, A. M., Alex. Craigie.

 C. (Bge.), Wm. R. Leith.
 Cadillac, T. D. Sullivan.
 Calcite, J. W. Parsons.
 Caldera, G. H. Burnham.
 Calgarian, P. McKay.
 Calumet, E. D. Ballentine.
 Canadian, W. Anderson.
 Canadiana, Geo. S. Riley.
 Canisteo, George Snook.
 Canobie, L. Pregent.
 Canopus, A. R. Beall.
 Caribou, A. A. Batten.
 Carleton, E. Groulx.
 Carnegie, Andrew, Wm. F. Gardner.
 Carney, Fred (Bge.), G. Roderigue.
 Carolina, D. J. McCarty.
 Carrington, H. M. Saveland.
 Carter, E. D., C. H. Wilson Sr.
 Carter, W. L., O. T. Olsen.
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 Case, J. I. (Bge.), Theo. Birk'and.
 Caspian, John J. Jarrell.
 Castalia, W. J. Girardin.
 Cayuga, C. J. Smith.
 Centurion, P. A. Anderson.
 Cepheus, Georœ Dupuis.
 Cetus, B. F. Ogdén.
 Chamberlin, C. W., B. H. Morgan.
 Champlain, F. A. Dupuis.
 Chattanooga (Sch.), N. P. Tufveson.
 Cherokee, W. P. Rattery.
 Chickamauga (Bge.), George Mackie.
 Chicora T. Allen.
 Chief Wawatam, Robertson.

 Chinock, Paul Gagne.
 Chipman, Susie, N. A. Gunderson.
 Chippewa, W. Malcolm.
 Chisholm, Alva S. Jr., Andrew Geisen-
 dorfer.
 Choctaw, Chas. Fox.
 Christie, T. S., Hans Hansen.
 Christopher, W. E. Wright.
 Christopher Columbus, C. E. Moody.
 City of Alpena II., Dan McKay.
 City of Bangor, A. M. Williams.
 City of Berlin, J. T. Hanson.
 City of Buffalo, W. H. Smith.
 City of Cheboygan, A. R. Graves.
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 City of Detroit III., F. J. Simpson.
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 Clyde, W. H. Ransom.
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 Codorus, J. F. Pardee.
 Colborn, A. R., H. S. Dale.
 Cole, M. K. Chamberlain.
 Collingwood, F. Scott.
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 Columbia, Chas. Roe.
 Commerce, E. R. McNutt.
 Compton, B. Bowen.
 Condor (Bge.), A. Montroy.
 Conemaugh, J. H. Lehan.
 Conestoga, W. Rosie.
 Congdon, Chester A., Chas. Auttersson
 Conger O. D., Wm. S. Major.
 Congercoal, Charles Wakely.
 Connelly Bros. (Tug), John Connelly.
 Constitution (Bge.), P. A. Mallette.
 Cooke, De'os W., John Clarke.
 Coralia, David Bouille.
 Corey, H. G. Harbottle.
 Corliss (Bge.), H. M. White.
 Cornelius, A. E., W. L. Montgomery.
 Cornell, A. Smith.
 Corona, B. A. Bongard.
 Corrigan, James, J. R. Hesson.
 Corsica, S. Nelson.

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 Coulby, Harry, C. Z. Montague.
 Cowle, John B., R. J. Lyons.
 Crawford (Tug), W. M. Tyson.
 Crawford, W. C. Iler.
 Crawford, W. D., B. M. Landfair.
 Crerar, John, Charles Bennett.
 Crescent City, H. Culp.
 Crete, W. A. Williams.
 Crosby, E. G., F. Richardson.
 Crowe, G. R., C. E. Robinson.
 Cuddy, Loftus, J. D. Baird.
 Curlew (Tug), A. McDonald.
 Curry, S. S., W. R. Neal.
 Curtis, C. F., J. P. Jennings.
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 Cygnus, Robert Recor.
- Dakota (Bge.), A. Lalonde.
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 Davidson, A. D., Chas. Babb.
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 Dayton (Bge.), R. Briggs.
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 Denmark, R. J. Walder.
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 Detroit, R. Aiken.
 Dickson, H. Moody.
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 Donner, W. H., M. Anderson.
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 Do Ville, R. E., F. D. Lamb.
 Drummond, Thos. J., A. McIntyre.
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 Duluth, H. L. Dennis.
 Dundee, James Woolner.
 Dunelm, C. R. Albinson.
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 Dunn, John Jr., W. D. Ames.
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- Eads, J. C. Bell.
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 Eastland, Claude Ennis.
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 Edward, Geo. (Tug), Adam J. Weikel.
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 Edwards, Wm., Not in Commission.
 Elba, C. H. Woodford.
 Ellen, Ole A. Hansen.
 Ellwood, Geo. H. Brown.
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 Emperor, G. W. Pearson.
 Empire City, C. S. Boyce.
 Empress, A. Blondin.
 Empress Fort William, Jas. Wilson.
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 Essex, F. A. Wilkinson.
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 Florence, E. Lefevre.
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 Franz, W. C., W. C. Jordan.
 French, G. Watson, Jessie Brines.

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 Fulton, Geo. O. Reece.
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 Garretson, Gen., E. R. Morton.
 Gary, Geo. Holdridge.
 Gaskin, John (Bge), E. Deblais.
 Gates, J. Noble.
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 Georgia, M. D. Mackey.
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 Geronia, J. Heffernon.
 Gilbert, W. H., A. B. Comins.
 Gill, Alice M., John M. Peterson.
 Gladys, H. (Bge.), Adelard Monette.
 Glen Allan, Allan Clark.
 Glenellah, W. W. Allen.
 Glenmount, H. Peters.
 Glide (Tug), J. B. Desgroseillier.
 Golden Age (Bge), A. L. Munroe.
 Gordon, D. A., R. F. Pyette.
 Gorman, Peter (Tug), J. Strong.
 Gould, Jav, Chas. T. Clark.
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 Gowen, A. Y., E. B. Senor.
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 Graham, May, J. Snay.
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 Gratwick, W. H., Walter Rouvel.
 Great Western, M. Bausette.
 Grevhound, Thos. Meikleham.
 Griffin, Wilson MacGregor.
 Groh, Mary, Edward Ohlemacher.
- Hackett, J. H., Jos. Thibault.
 Hackett, M. A., M. Allison.
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 Hall, J. C. Barclay.
 Hall, Henry B., John Powers.
 Hall, Mary P., A. Lepine Sr.
 Hall, Stephen C., Grant Horne.
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 Hamonic, A. L. Campbell.
 Hanna, Howard M. Jr., John H. Bab-
 bitt.
 Hanna, D. R., W. P. Benham.
 Hanna, L. C., Samuel Sexsmith.
 Hanna, M. A., R. O'Connor.
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 Pizer.
 Hartwell, Fred G., Wm. G. Maltby.
 Harvard, G. Weitzman.
 Harvester, The, Wm. Smith.
 Hawgood, H. B., A. C. May.
 Hay, James, T. J. Peterson.
 Hazard, Wm. A., S. Earle.
 Hebard, Chas. S., C. H. Fracke.
 Hector (Bge.), N. Derepentigny.
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 Heiden, Charles, Daniel McFarlane.
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 Herbert (Tug), Wm. Staunton.
 Hettler, Herman H., Robert T. Evans.
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 Hill, A. C. Hansen.
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 Hines, L. Edward, K. McKenzie.
 Holden, H. S., G. E. Anderson.
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 Holland, Robert, C. E. Carey.
 Holley (Bge.), Iver Larsen.
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 Hoover & Mason, W. C. Brown.
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 Houghton, J. T. Gemmill.
 House, J. F. Parke.
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 Hubbard, C. Russell, Harry S. Lyons.
 Huron, Alex Baillargeon.
 Huron, W. D. McClinton.
 Huron, A. T. May.
 Huron, W. H. Yates.
 Huronic, A. M. Wright.
 Hutchinson, Chas. L., Frank P.
 Powell.
 Hutchinson, J. T., J. H. Smith.
- Illinois, John C. Stufflebeam.
 Imperial, H. C. Mimms.
 Imperoyal, N. Scott.
 India, Chas. Beaupre.
 Indiana, J. A. Wilson.
 Indus, W. D. McDonald.
 Interlaken (Bge.), Carl Johnson.

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Ionic, O. Wing.
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Ireland, Robert L., J. W. Ehrhart.
Iron Cliff (Bge.), T. Emig Jr.
Iroquois, J. H. Hudson.
Iselin, Adrian, Daniel Horrigan.
Ishpeming, C. A. Anderson.

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Jenkins, Chas. O., F. B. Chilson.
Jenks, J. M., W. A. Ashley.
Jenney (Bge.), D. Graham.
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Johnstown, J. W. Phelix.
Jones, B. F., R. W. England.
Jones, F. P., Herbert Russell.
Judd, E. T. (Bge.), Ralph W. Jex.
Juniata, Angus McKenzie.
Jupiter, J. N. Morrison.

Kalkaska, Frank Elliott.
Kaministiquia, E. L. Stephens.
Kansas, John Thorpe.
Katie H. (Bge.), R. Theoret.
Kearsarge, Wm. Baxter.
Keefe, J. S., Dan Barry.
Keewatin, M. McPhee.
Keewatin, James Doherty.
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Kelley, Morman, (Bge.), Wm. Hannell.

Kendall, Harvey J., H. J. Kendall.
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Kenora, Wm. Brian.
Kensington, Wm. Burns.
Kerr, D. G., T. A. McDougall.
Keybell, John Mullen.
Keynor, James Martin.
Keyport, Geo. Bunting.
Keyvive, John Mullen.
Kildonan (Bge.), A. Cadieux.
King, George, W. E. Smith.
King, W. L., F. H. Reid.
Kingston, E. A. Booth.
Kingston (Bge.), W. Langevin.
Kinmount, J. Wood.
Kirby, Frank E., Fred H. Pauls.
Kirby, S. R., Oliver Pitts.
Knapp, F. M. (Bge.), John Booth.
Kopp, Jacob T., A. A. Forrest.
Kotcher, Chas. W., J. B. Rinn.
Krupp (Bge.), P. Gustavison.

LaBelle, G. D. Tulian.
Lackawanna, James Healy.

Lagonda, Sid Smith.
Lakeland, J. C. McLean.
Lake Michigan, T. Heffernan.
Lakeport, R. H. Knapp.
Lakewood, J. C. McLean.
Lambert, John, Wm. Rinn.
Langell, Simon, Guy Gue.
Langell Boys, Bert Payea.
Landsdowne, Henry Oldenberg.
Lapwing (Bge.), Jos. Luduc.
LaSalle, G. A. Montgomery.
Laughlin, James, M. G. Allen.
Laura D., Raymond Warner.
Laura Grace, N. Maria.
Leonard, Geo. B., E. E. Carleton.
Leopold, N. F., Joseph Mathews.
Lewiston, O. Nelson.
Liberty, J. M. Clow.
Linden, Wm. J. Cowles.
Linn, J. N. Rolfson.
Little, C. H., Wm. J. Ames.
Livingston, H. Oertling Jr.
Livingston, Wm., C. C. Tousley.
Longueuil, H. Mandeville.
Lozen, J. B. (Bge.), J. F. Lozen.
Lupus, E. A. Evanson.
Luzon, W. W. Wilkins.
Lydon, M. A., P. Clark.
Lynch, J. Nahrstedt.
Lyon, Chas., Wm. Henry.

McCullough, J. G., John C. Heaney.
McDougall, F. B. Selee.
McGregor, Mary A., G. F. Forrest.
McIntosh, H. P., L. S. Tilden.
McKee, J. A., R. G. Bassett.
McKerchey, John M., R. A. Wallis.
McKinney, Price, E. C. Van Patten.
McKinstry, A. E., A. E. Stinson.
McVea, Charles, Chas. Morrison.
McVittie, A., Geo. P. Clifford.
McWilliams, Ed., Geo. Thorkildsen.
McWilliams, J. J., Martin Walle.
Macassa, James Henderson.
Mack, Wm. Henry, Geo. Atkinson.
Mack, Wm. S., Wm. Ferguson.
MacTier, A. D., Sam Anderson.
Magna (Bge.), A. S. Hand.
Mahonig, Alex McKenzie.
Maia (Bge.), A. Nordahl.
Maida (Bge.), Wm. McDonald.
Maitland, A. (Bge.), Herman Wendorf.
Maize (Sch.), James Kirkwood.
Malietoa, J. Ferguson.
Mamie (Bge.), A. Clements.
Manchester, G., Everett Zwemer.
Manda (Bge.), Charles Gordon.

APPOINTMENT OF MASTERS

- Manila (Bge.), Geo. Maloney.
 Manistee, Geo. Johnson.
 Manitoba, J. McIntyre.
 Manitou, Norman McCoy.
 Manitou, W. M. Finucan.
 Manola, F. W. Light.
 Mapleton, A. G. McKay.
 Maricopa, W. J. Story.
 Marion, H. J. Nelson.
 Mariposa, G. W. Ames.
 Maritana, G. H. Lane.
 Marquette & Bessemer No. 1, M. M. Rowan.
 Marquette & Bessemer No. 2, J. Van Buskirk.
 Marsala (Bge.), J. W. Ames.
 Marshall, A. M., T. B. Greenway.
 Marshall, Maggie, Edward Skeels.
 Marshall, Samuel, Chas. A. Mahoney.
 Martha (Bge.), Geo. Young.
 Martian, J. F. Davis.
 Maruba, W. C. Reid.
 Marvin, Seldon E., Fred Anderson.
 Mary, John Pierson.
 Mary (Tug), Theo. Lepine.
 Mary H., John E. Hess.
 Maryland, Timothy Kelley.
 Masaba, J. Smith.
 Mataafa, A. R. Thompson.
 Mather, E. F. Bernard.
 Mather, Samuel, L. W. Stone.
 Mather, Wm. G., F. A. West.
 Matthews, Jennie, Henry Mills.
 Matthews, W. D., Samuel Hill.
 Mauch Chunk, C. S. Furey.
 Maunaloa, Geo. Burt.
 Maytham, Thomas, W. B. Harrow.
 Maytham, Thomas, W. H. Whitney.
 Meacham, D. B., B. J. Gallagher.
 Meaford, W. A. Richmond.
 Mecosta, E. J. Starkey.
 Melrose (Bge.), L. Benoit.
 Mercur, Fred, Sidney LeBeau.
 Merida, H. L. Jones.
 Merrill, Julia (Sch.), Henry Daryan.
 Meyer, John E. (Tug), C. B. Carroll.
 Michigan, R. Brown.
 Michigan, T. E. Murray.
 Michigan Central, John C. Craig.
 Middlesex (Sch.), Henry Brock.
 Midland King, Wm. Cunningham.
 Midland Prince, James Tindall.
 Midland Queen, N. McGlennon.
 Milinokett, W. G. Rogers.
 Miller, Leonard B., Wm. Hagan.
 Miller, P. P., Frank Weinheimer.
 Mills, David W., Dan Warwick.
 Mills, D. O., James Jackson.
 Milwaukee, Chas. A. Lyman.
 Milwaukee, D. McLeod.
 Minch, Anna C., D. M. Crooker.
 Minch, Philip, L. B. Cummings.
 Minch, Sophia (Bge.), E. McDonald.
 Mingo (Bge.), Peter Keischgens.
 Minneapolis, R. C. Patterson.
 Minnesota, J. Johnson.
 Minnie W. (Tug), Robert Nuttall.
 Missouri, Wm. T. Bright.
 Mitchell, Alfred, Arthur Sturgis.
 Mitchell, Forster W. (Sch.), Arthur Lake.
 Mitchell, Samuel, B. R. Walker.
 Modjeska, P. Walsh.
 Mohawk, A. W. Hayden.
 Mohegan, James Cunningham.
 Moll, C. F., James Hefferman.
 Montreal, F. X. LaFrance.
 Montreal (Bge.), Lodias Hebert.
 Moore, W. K. (Bge.), James Thody.
 Moran (Bge.), J. Hinton.
 Moravia (Bge.), Wm. Robinson.
 Morden, R. Grant, N. Campbell.
 Morgan, J. Burns.
 Morgan Jr., G. Gegenheimer.
 Morley, W. B., Henry Russell.
 Morrell, D. J., P. L. Millen.
 Morrison, J. D., (Tug), N. J. McLeod.
 Morrow, Joe S., Geo. W. Hayward.
 Morse, W. P. McElroy.
 Morse, J. C., A. H. Reed.
 Mueller, Josh Divish.
 Mullen, Martin, J. F. Goodwin.
 Muncy, M. Boggan.
 Munro, J. C., Alex Johnston.
 Murphy, A. W. Burrows.
 Murray Bay, W. Gagne.
 Muskoka (Bge.), O. Viau.
 Myra (Tug), Wm. McKenna.
 Nadine (Bge.), C. Lebeouf Jr.
 Nasmyth (Bge.), W. H. Dick.
 Natironco, W. Montgomery.
 Neebing, Peter McIntyre.
 Neepawah, Wm. Stalker.
 Neff, Chas. F., John A. Doak.
 Neff, Signey O., John Messner.
 Neilson, D. Murphy.
 Neptune, Kenneth McRea.
 Nessen, N. J., Christ Edvardson.
 Nettleton, A. E., Alex Forbes.
 New Island Wanderer, W. C. Hudson.
 Newona, W. J. Moles.
 Niagara, John Larson.
 Nicaragua, Alex McDonald.
 Niko, R. D. Myers.
 Noble, Benjamin, John Eisenhart.

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Normandie, Frank O. Johnson.
 Normania, Henry Hinslea.
 Noronic, R. D. Foote.
 Norris, Alice B. (Bge.), J. O. Rober-
 son.
 Northern King, W. H. Stevenson.
 Northern Light, Peter Hay.
 Northern Queen, Geo. B. Crawford.
 Northern Wave, Neil Anderson.
 North American, C. H. Haight.
 North King, R. H. Carnegie.
 North Lake, Peter Thompson.
 North Land, Geo. A. Minar.
 North Sea, E. C. Leath.
 North Star, E. B. Blair.
 North Wind, Thomas Stevenson.
 Norton, D. Z., Richard Call.
 Norwalk, Frank Goodrow.
 Norway, J. H. Driscoll.
 Nottingham, Wm., Peter Full.
 Nyack, S. Lamoreaux.
 Nye, Harold B., C. L. Seelye.

Oades, John, Hawley M. Boyce.
 Oceanica, B. C. McLaren.
 Octorara, Edward Martin.
 Odanah, A. M. Jenkyn.
 Ogdensburg, John Smith.
 Ogemaw, W. E. Pierce.
 Oglebay, E. W., C. H. Mohr.
 Ohl, E. N., A. A. Morrison.
 Olcott, Harry Tyrie.
 Olcott, A. R. Robinson.
 Oliver, Henry W., John Milne.
 Omega, M. W. Humphrey.
 137 (Bge.), A. Christopherson.
 Onoko, J. W. Kelley.
 Ontario, J. Carney.
 Ontario, W. A. DeLand.
 Ontario No. 1, F. D. Forrest.
 Orcadia (Tug), Grover Buell.
 Orr, Arthur, John Simons.
 Ort, George N., Herman Jaenke.
 Orton, M. E., H. McAuley.
 Osborn, Chas. S. (Tug), Ralph Prin-
 gle.
 Osborn, Frank C., John E. McIntosh.
 Oscoda, Andrew Hanson.
 Osler, E. B., P. J. Shaw.
 Otego, J. P. Clark.
 Otis, John, O. E. Bullock.
 Ottawa, Adolphus Malette.
 Owana, Chas. Merckal.
 Owego, G. W. Moore.
 Owen, G. B. (Bge.), J. H. Trudo.
 Owen, John, O. A. Gentz.

Pahlow, Louis, John F. Higgin.
 Paine, Wm. A., U. S. Cody.
 Paipoonge, James N. Foote.
 Paliki, H. C. Wingrove.
 Palmer, A. P. Chambers.
 Panay, C. H. Wilson Jr.
 Parent, S. N., F. H. Johnson.
 Parks, O. E., L. A. Ellis.
 Parks, Sheldon, O. J. Soleau.
 Parthia, John Dix.
 Pathfinder, P. A. Peterson.
 Pawnee, James Cassin.
 Peavey, Frank H., Wm. Chamberlain.
 Peavey, Geo. W., Wm. Morrison.
 Pelee, Henry Kirby.
 Pellatt, H. M., N. McKay.
 Pellatt, James H. (Bge.), Wm. Kelley.
 Pennington, B. L. (Bge.), J. H.
 Christie.
 Penobscott, C. S. Ellis.
 Pere Marquette, Frank A. Dority.
 Pere Marquette 3, H. K. Hoxie.
 Pere Marquette 4, J. W. Brooks.
 Pere Marquette 6, A. Magnese.
 Pere Marquette 7, W. H. Van Dyke.
 Pere Marquette 8, Michael Martin.
 Pere Marquette 14, Geo. R. McPher-
 son.
 Pere Marquette 17, Wm. H. LaFleur.
 Pere Marquette 18, John C. Acker-
 man.
 Pere Marquette 19, John G. Craw-
 ford.
 Pere Marquette 20, Neil MacIsaac.
 Perkins, W. S. Hoag.
 Perseus, James B. Lyons.
 Peters, Aug. E. Anderson.
 Peterson, Annie M. (Bge.), John
 Walker.
 Petoskey, W. J. Petoskey.
 Philbin, D. M., Geo. A. Warwick.
 Phipps, R. Humble.
 Plowboy, W. S. Lloyd.
 Plummer, J. H., W. O. Zealand.
 Poe, Geo. McCallum.
 Pollack, W. G., Geo. Swails.
 Polynesia, A. E. McGregor.
 Pontiac, W. T. Mooney.
 Pope, E. C., R. M. Leonard.
 Port Colborne, Wm. Steenes.
 Prentice, J. H., Samuel Olsen.
 Presque Isle, J. A. Stewart.
 Prince Rupert, J. W. Sutherland.
 Princeton, Geo. Randolph.
 Proctor, W. L. (Tug), P. J. McGrath.
 Put-In-Bay, A. J. Fox.

Quebec, L. R. Domers.

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- Quebec (Bge.), W. Lalonde.
 Queen City, E. L. Sawyer.
- Racine, John Chambers.
 Ramona, E. M. Charlebois.
 Ranney, Rufus P., C. R. Baker.
 Rapids Prince, Geo. Batten.
 Rapids Queen, J. P. Stephenson.
 Ream, C. J. Grant.
 Recor, O. E. Myers.
 Redfern, C. E. (Bge.), Eli Jacques.
 Redington, Nellie (Bge.), John Thurston.
- Reed, J. H., Nelson Brown.
 Rees, W. D., W. T. Sutherland.
 Reis, W. E., W. J. Tomlin.
 Reiss, John P., James Doner.
 Reiss, Peter, Chas. P. Hahn.
 Rend, Wm. P., E. O. Recor.
 Renown, C. D. Brown.
 Renvoyle, H., Redfern.
 Rensselaer, C. D. Secord.
 Republic, George Lewis.
 Rhoda, Emily, Gus Clausson.
 Rhodes, J. W., F. N. Watts.
 Rhodes, W. C., Walter Robinson.
 Richardson, G. A., W. M. Cottrell.
 Riddle, J. Q., George McGarry.
 Rideau King, Ed. Fleming.
 Rideau Queen, Wm. Scott.
 Robbins, F. L., D. M. Post.
 Roberts Jr., S. C. Allen.
 Robinson, Lucius W., Wm. H. Russell.
- Rochester, James Owens.
 Rochester, Donald Gillies.
 Rockefeller, G. M. Ackley.
 Rock Ferrv. Alban Robineau.
 Roebling (Bge.), W. F. Cottrell.
 Rogers, F. Rice.
 Rogers, W. A., J. L. McIntosh.
 Roi Tan (Tug), Wm. Garrick.
 Roloh, John, A. C. Cousins.
 Roman, Chas. Thrasher.
 Roosevelt, Theodore, Donald MacLean.
- Rosedale, W. Jewitt.
 Rosemount, Wm. Liddell.
 Roumania, George Benham.
 Rugee, John Joseph Richards.
 Rutland, Fred Loveless.
- St. Clair, George Trimble.
 St. Lawrence, John Bertrand.
 St. Louis (Sch.), Robert Patterson.
 St. Paul, Iver Rolseng.
- Ste. Marie (C. F.), A. Boynton.
 Sachem, G. A. Ferguson.
 Sagamore (Bge.), John Ohman.
 Sagenuay, Joseph Simard.
 Sailor Boy, P. S. Roulett.
 Salvor (Tug), E. J. Cadotte.
 Sanders, W. B. (Tug), Jas. McKinley.
 Sands, Isabella (Bge.), A. J. Frame.
 Santiago (Bge.), A. Mills.
 Saranac, Henry Durker.
 Sarnia (Tug), George Stitt.
 Sarnian, George Mackay.
 Sarnor, Martin Olsen.
 Saskatoon, Wm. Honsberger.
 Sangatuck (Tug), Eugene Kelleher.
 Sawyer, Philetus, S. Anderson.
 Sawyer, W. H., M. Canartney.
 Saxon, H. J. Clegg.
 Saxona, W. S. Carlross.
 Schiller, J. LaFramboise.
 Schleisinger, Ferd, E. H. Brownell.
 Schoonmaker, Col. (James M.), J. J. Slade.
- Schuykill, J. A. McDonald.
 Scotsman, E. Francoeur.
 Scott, Thos. R., M. McDonald.
 Scottish, Hero, R. D. Simpson.
 Scranton, Walter, R. Z. Utley.
 Scranton, W. W. Shorkey.
 Seelandbee, H. McAlpine.
 Selkirk (Bge.), C. Leboeuf Sr.
 Sellwood, Joseph, R. C. Jackson.
 Senator, Charles W. Ernest.
 Seneca, John D. Greene.
 Shanly (Tug), J. F. Sowards.
 Shaughnessy, Sir Thomas, C. D. Stomler.
- Shaw, George Banker.
 Shaw, Q. A., Wm. Langell.
 Sheadle, J. H., S. A. Yoons.
 Shenango, John F. Jones.
 Sherman, W. A. (Sch.), Geo. Abbott
 Sherwin, John Peter Cartwright.
 Shores, A. E. Jr., Jos. E. Mahon.
 Siemens, T. F. Sealand.
 Sierra, Chester Massey.
 Simla, C. E. Coons.
 Sinaloa, Hugh Stevenson.
 Sindbad, J. C. McCarty.
 Sir Hector, W. Mainville.
 Sirius, Andrew Coie.
 Sligo (Bge.), J. Smith.
 Smeaton (Bge.), J. R. Parker.
 Smith, Annine L. (Tug), Andrew Dolan.
- Smith, B. Lyman, Chas. Caughell.
 Smith, H. W., Thomas Carney.
 Smith, L. C., John Robinson.

APPOINTMENT OF MASTERS

- Smith, Lyman C., Geo. E. Pierce.
 Smith, Monroe C., Frank Meno.
 Smith, Wilbert L., Pierre Bouille.
 Snyder, Wm. P., Frank H. Ott.
 Snyder, Wm. P. Jr., Thos. H. Sanders.
 Sonoma, J. A. McDonald.
 Sonora, Oscar Johnson.
 South American, W. A. McKay.
 Sowards, M. Shaw.
 Spalding, Jesse L. A. Garn.
 Spirit (Tug), W. C. Marcellias.
 Sprudel (Tug), Adam Laop.
 Squire, F. B., N. B. Roach.
 Stackhouse, Powell, Wm. Megarvey.
 Stadacona, James Connally.
 Stafford (Sch.), John Christiansen.
 Stanton, John, C. A. Benham.
 State of New York, Wm. Kenyon.
 State of Ohio, A. H. McLachlan.
 Stearn, Abraham, M. M. Stewart.
 Steelton, J. R. Kirkwood.
 Steinbrenner, Henry, H. W. Stewart.
 Stephenson, A. C. Moser.
 Stephenson, Isaac (Bge.), Henry Newhouse.
 Stephenson, S. M., James Sanford.
 Stewart, Albert E., James McCarthy.
 Stone, Amasa, W. A. Redd.
 Stormount, P. C. Telfer.
 Strathcona, C. Dineen.
 Sullivan, J. J., S. B. Massey.
 Sultana, R. J. Reid.
 Superior (Tug), Alex Fader.
 Superior, F. D. Osborn.
 Superior City, W. E. Warner.
 Susquehanna, Frank Bloom.
 Syracuse, N. Hefferman.
- Tadousac, Joseph Dugel.
 Tacoma, Ed. Moore.
 Tagona, J. S. Moore.
 Taurus, D. B. Eley.
 Tashmoo, B. S. Baker.
 Taylor, J. Frater, R. H. Boyle.
 Taylor, Moses, Ed. Johnson.
 Teutonia (Bge.), Harry Lawrence.
 Thomas (Bge.), John Brown.
 Thompson, A. W., R. J. Neville.
 Thompson, A. W. (Bge.), F. C. Hart.
 Thompson, Smith, A. W. Stalker.
 Thomson (Tug), Thomas O'Connor.
 Thousand Islander, C. H. Kendall.
 Three Brothers (Sch.), T. Eming Jr.
 Three Rivers, A. Mondor.
 Thrust (Bge.), F. Mallette.
- Tilden, S. J. (Bge.), Wm. Coleman.
 Tionesta, John Doherty.
 Tokio (Bge.), Wm. Shaffer.
 Tomlinson, G. A., James A. Madigan.
 Topeka, S. Brownell.
 Toronto, H. W. LaRush.
 Torrent (Tug), A. Anderson.
 Tourist, E. J. Dodge.
 Townsend, E. Y., Ed. Sullivan.
 Transfer, Geo. Honner, Jos. Sharon.
 Transport, W. Norvall.
 Trimble, F. J. Crowley.
 Troy, Thomas Slattery.
 Truesdale, W. H., F. R. Goodrow.
 Turbinia, B. W. Bongard.
 Turret Cape, P. D. Carthy.
 Turret Court, N. Barret.
 Tuscarora, Wm. Williams.
 Tuxbury, A. C. (Bge.), Chas. Four-nier.
 Twin Sisters (Bge.), J. Mallette Jr.
 Tyrone (Bge.), F. E. Johnson.
- Umbria, D. Elliott.
 Ungava (Sch.), C. Sauve.
 Uranus (Bge.), Elam Booth.
 Underwood, F. D., Chas. D. Ross.
 United States, Oscar E. Parks.
 Upson, Andrew S., H. W. Frilay.
 Upson, J. E., W. W. Dawley.
 Utica, John Fisher.
 Utley, E. H., Edward Fitch.
- Valencia (Bge.), O. Lefebvre.
 Vandenberg, Miss, A. Black.
 Van Hise, W. E. Stover.
 Van Vleck, Geo. H., Martin Peterson.
 Venus, S. K. Emerson.
 Verona, Elmer Trim.
 Victoria, F. Elliott.
 Victory, S. W. Matson.
 Viper (Tug), A. Trombley.
 Virginia, E. E. Redner.
 Vulcan, M. A. Budd.
- Wade, J. H., C. W. Willett.
 Wahcondah, D. F. Cornett.
 Wahnapitae (Tug), Paul Dusome.
 Wainwright, D. A. Kendall.
 Wallace, E. J., Thos. Simmons.
 Wallace, Jas. C., C. C. Stewart.
 Wallace, Robt., J. A. Connelly.
 Walters, Thos., E. L. Ennes.
 Walter D., J. B. Warner.
 Walsh, Jas. P., C. H. Heaton.
 Walsh, Lizzie, Not in Commission.

APPOINTMENT OF MASTERS

- Warner, Chas. M., W. C. Butts.
 Warner, R. S., V. L. Hosner.
 Warren, Homer, Fred Wood.
 Watson, C. W., J. E. Cottrell.
 Watt, C. M. Conkey.
 Warriner, S. D. (Bge.), Willis Jerome.
 Wauketa, W. G. Adams.
 Welcome (Tug), M. McIver.
 Wells, Fred'k. B., D. T. Sullivan.
 Wescott, J. W., Frank C. Ames.
 Western Star, B. J. Sloan.
 Western States, A. J. McKay.
 Westmount, F. Howell.
 Weston, Chas., J. A. Fleck.
 Whalen, Ed. C., (Tug), Joe Friday.
 Whalen, James (Tug), Angus Morrison.
 Whitaker, Byron, E. Trumbley.
 White & Friant (Bge.), Joseph Granville.
 White, Peter, James Kennedy.
 Wickwire, T. H., John Montgomery.
 Wickwire, T. H. Jr., James Montgomery.
 Widener, H. J. Regan.
 Widlar, Francis, Ed. Bennett.
 Wilpen, Benson Fox.
 Wilkesbarre, J. H. McDonald.
 Wilkinson, H. S., F. B. Parsons.
 Wilson, Capt. Thos., Daniel Buie.
 Wilson, Matthew, Thos. McCambridge.
 Windsor, John Doyle.
 Winona, B. Garvie.
 Winnipeg, Thos. Hefferman.
 Winnipeg (Bge.), M. Moreau.
 Wisconsin, Geo. F. Laughlin.
 Wissahickon, George J. Delaney.
 Witbeck, Henry (Bge.), J. Mallett Jr.
 Wolf, Wm. H., John D. Wanvig.
 Wolf, Wm. H., Frank Brown.
 Wolvin, A. B., John Tower.
 Woods, Frank, Chas. B. Coates.
 Wood, Joseph, A. J. Green.
 Wood, S. A. (Sch.), Chas. Johnson.
 Wotan, Jacob Berentsen.
 Wright, A. P., Peter Larsen.
 Wright, A. W. (Bge.), S. Williams.
 Wyandotte, W. J. MacLean.
 Yates, Harry, M. S. Peterson.
 Yorkton, J. Cavanagh.
 Yosemite, Chas. Piotter.
 Yuma, L. J. Francis.
 Zapotec (Bge.), A. J. De Repentigny.
 Zenith City, H. Walper.

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