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Great Lakes
RED BOOK**

1934

**A list of over 1500 Vessels of
the Great Lakes, together
with the name of Owner,
Captain and Engi-
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OF
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OF THE
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with the name of
OWNER, CAPTAIN and ENGINEER
of EACH VESSEL

Complete Port Directory
Complete Shipyard Directory

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Season of 1934

To find the name of owner, captain or engineer, refer to the name of the vessel in the alphabetical list. Following the name of each vessel is a number. The number refers to the fleet to which the vessel belongs, and will be found preceding owner's name in fleet list. Shipyard Directory follows Capacity of Ore Carriers.

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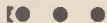


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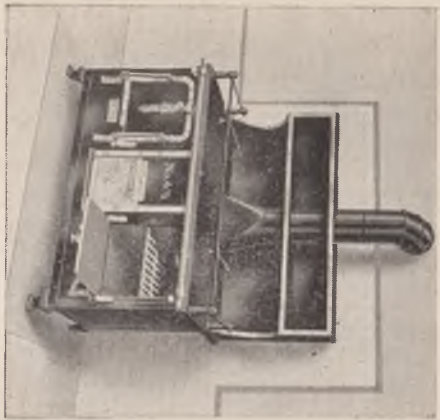
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OWNERS, MASTERS AND ENGINEERS OF LAKE VESSELS

- 1 Abitibi Power & Paper Co. Ltd., Gen. Offices, 80 University Ave.,
Toronto, Ont. (Owner and Operator)
Thomas Ganley, Superintending Engineer.
- | | | |
|----------------------|----------------------------|-------------------|
| Tug Commodore | Capt. Fred Frech | Engr. N. Girard |
| Tug Gargantua | Capt. D. A. Williams | Engr. J. Bellmore |
| Tug G. R. Gray | Capt. J. P. Ramsay | Engr. A. E. Lewis |
| Tug Horton | Capt. A. L. Carney | Engr. L. Conklin |
| Tug Reliance | Capt. Jos. Griffith | Engr. T. O'Reilly |

Ace Steamship Corp. (See Fleet No. 204)
Algoma Central & Hudson Bay Railway (See Fleet No. 2)

- 2 Algoma Central Steamship Lines, Sault Ste. Marie, Ont. (Operator)
(Algoma Central & Hudson Bay Railway Co.) (Owner)
W. J. McCormack, Superintendent; A. M. MacInnes, Line Engineer.
- | | | |
|-----------------------------|-------------------------------|----------------------|
| Str. W. C. Franz | Capt. A. McIntyre | Engr. A. M. MacInnes |
| Str. Home Smith | Capt. M. A. Livingstone | Engr. Bert Myler |
| Str. J. Frater Taylor | Capt. M. A. Loughheed | Engr. Thos. Bogie |

- 3 Allen, Curtis and Orin, Kewaunee, Wis. (Owner and Operator)
- | | | |
|------------------|--------------------------|------------------|
| Tug Elsa M. | Capt. Curtis Allen | Engr. Erin Allen |
|------------------|--------------------------|------------------|

4 Allied Oil Transport Co. Inc., Guarantee Title Bldg., Cleveland
(Owner and Operator)
A. P. Byal, Manager
Str. T. S. CrudoilCapt. R. F. McFarlaneEngr. Wm. Klaas

5 American Construction Co., Marion Bldg., Cleveland, O.
(Owner and Operator)

Tug AlbatrossCapt.Engr.
Tug AtlasCapt.Engr.
Tug AubreyCapt.Engr.

6 The American Ship Building Co., Foot of W. 54th St., N. W.,
Cleveland, O. (Owner and Operator)

Repair Steamer Craftsman.....Capt. Alex McIverEngr.
Repair Scow Amership.....Capt. Alex McIverEngr.
Motor Launch Globe Ship.....Capt. D. McEachinEngr.
Motor Launch Cleveland
ShipCapt. D. McEachinEngr.

American Shipbuilding Co., The (See Fleet No. 306)
American Steamship Co. (See Fleet No. 22)

7 Ann Arbor Railroad Co., Frankfort, Mich. (Operator)
(Ann Arbor Railroad Co., Toledo, O.) (Owner)
O. T. Larson, Marine Superintendent

C. F. Ann Arbor No. 3.....Capt. L. A. HansonEngr. M. Dahlgren
C. F. Ann Arbor No. 4.....(No regular crew)
C. F. Ann Arbor No. 5.....Capt. Chas. Frederickson.....Engr. S. Arnerson

C. F. Ann Arbor No. 8.....Capt. B. H. HansonEngr. S. J. Hawkins
C. F. Ann Arbor No. 7.....Capt. A. L. LarsonEngr. Wm. L. Campbell
C. F. WabashCapt. B. F. TullidgeEngr. George Johnson

8 Apostle Islands Transportation Co., Bayfield, Wis. (Owner and Operator)
Str. MadelineCapt. E. J. DitzelEngr. S. A. Bolles

10 Arnold Transit Co., Mackinac Island, Mich. (Owner and Operator)

Str. ElvaCapt.Engr.
Str. IslanderCapt.Engr.
Str. D. P. PerryCapt.Engr.

11 Arrow Steamship Co., 255 Bay St., Toronto, Ont. (Owner and Operator)

Str. Robert P. DurhamCapt. Harry FinnEngr. G. Williamson
Ashbay Steamship Co. Ltd. (See Fleet No. 311)

12 Ashley & Dustin Steamer Line, 170 First St., Detroit, Mich.
(Owner and Operator)

Str. Put-in-BayCapt. John N. PetersonEngr. Edw. Gelnow

13 Barlum Steamship Co., 3705 Barlum Tower, Detroit, Mich.
(Owner and Operator)

John J. Barlum, Manager
Str. John J. BarlumCapt. Albert J. MahonEngr. Wm. C. Houston
Str. Thomas BarlumCapt. Richard A. Cain.....Engr. Luke J. Manion

14 Barnett & Record Co., 429 North Fifth Street, Superior, Wis.
(Owner and Operator)

Tug John E. MeyerCapt. Einar MillerEngr. H. Oestreich

- 15 **Baxter, Richard, Sandwich, Ont. (Owner and Operator)**
 Str. Lewiston (Out of commission)
- 16 **Bay Quinte Transportation Co. Ltd., Picton, Ont. (Owner and Operator)**
 C. D. Wilson, Port Captain
 Str. Glen Allan Capt. Ben Bowen Engr. John Gilbert Reid
- 17 **Bay Transportation Co., The, Sandusky, O. (Owner and Operator)**
 Henry J. Witcher, Port Captain
 Str. G. A. Boeckling Capt. Henry J. Witcher Engr. Adolph Stein
 G. L. America Capt. Wilson Voight Engr.

Beechbay Steamship Co. (See Fleet No. 311)

- 18 **Bethlehem Transportation Corp., Lackawanna, N. Y.**
(Owner and Operator)
 F. C. Oakes, Manager; Albert H. Amhaus, Fleet Engineer
 (Appointments Not Available)
- Str. Bethlehem Capt. Engr.
 Str. Cambria Capt. Engr.
 Str. Lackawanna Capt. Engr.
 Str. Lebanon Capt. Engr.
 Str. Lehigh Capt. Engr.
 Str. Maryland Capt. Engr.
 Str. Saucan Capt. Engr.
 Str. Steelton Capt. Engr.
 (Cambria Steamship Co.) (Owner)
- Str. Daniel J. Morrell Capt. Engr.

- Str. Edward Y. Townsend.....Capt. Engr.
 (Franklin Steamship Co.) (Owner)
- Str. Edward J. Berwind.....Capt. Engr.
 Str. Emory L. Ford.....Capt. Engr.
 Str. Fred G. Hartwell.....Capt. Engr.
 (Mahoning Steamship Co.) (Owner)
- Str. William H. Donner.....Capt. Engr.
 Str. Leonard C. Hanna.....Capt. Engr.
 Str. Powell Stackhouse.....Capt. Engr.

- 19 **Bielman, C. F., Foot Griswold St., Detroit, Mich. (Owner and Operator)**
 Str. C. F. Bielman, Jr. (Not in commission)
- 20 **Bingley & Son, W., Cornwall, Ontario. (Owner and Operator)**
 Str. Advance (Not in operation)

Birchbay Steamship Co. Ltd. (See Fleet No. 311)
Bison Steamship Corp. (See Fleet No. 228)

- 21 **Blodgett, O. W., 602 No. Madison Ave., Bay City, Mich. (Operator)**
 (Each vessel listed below owned by a different company)
- Sch. Grampian Capt. Chas. J. Nesbitt Engr.
 Sch. Nelson C. Holland Capt. Don Campbell Engr.
 Sch. Peshtigo Capt. Nils H. Tuner..... Engr.
- 22 **Boland & Cornelius, Marine Trust Bldg., Buffalo, N. Y. (Operator)**
 (American Steamship Co.) (Owner)
 S. E. Smith, Superintending Engineer of Fleet
 (Appointments Not Available)
- Str. John J. Boland Capt. Engr.

Str. Max M. Broad	Capt.	Engr.
Str. Consumers Power.....	Capt.	Engr.
Str. Adam E. Cornelius.....	Capt.	Engr.
Str. Diamond Alkali	Capt.	Engr.
Str. Dow Chemical	Capt.	Engr.
Str. Frank H. Goodyear.....	Capt.	Engr.
Str. G. F. Rand	Capt.	Engr.
Str. J. F. Schoellkopf, Jr.....	Capt.	Engr.
Str. Standard Portland Ce- ment (nee Clifford F. Moll).....	Capt.	Engr.
Str. Thunder Bay Quarries.....	Capt.	Engr.
Str. U. S. Gypsum	Capt.	Engr.
Str. Theodore H. Wickwire.....	Capt.	Engr.
Str. Harry Yates	Capt.	Engr.
(Eastern Steamship Co. Ltd.) (Owner)		
Str. Frank B. Baird	Capt.	Engr.
Str. Norman P. Clement.....	Capt.	Engr.
Str. William H. Daniels	Capt.	Engr.
Str. Edwin T. Douglass	Capt.	Engr.
Str. Albert C. Field	Capt.	Engr.
Str. Judge Hart	Capt.	Engr.
Str. J. A. Holloway	Capt.	Engr.
Str. Charles R. Huntley	Capt.	Engr.
Str. Judge Kenefick	Capt.	Engr.
Str. N. B. MacPherson.....	Capt.	Engr.
Str. Watkins F. Nisbet	Capt.	Engr.

Str. J. B. Pillsbury	Capt.	Engr.
Str. Robert W. Pomeroy.....	Capt.	Engr.
Str. John J. Rammacher.....	Capt.	Engr.
Str. J. B. Richards	Capt.	Engr.
Str. James Stewart	Capt.	Engr.
Str. S. G. Taylor	Capt.	Engr.
Str. George L. Torain	Capt.	Engr.
Str. William C. Warren.....	Capt.	Engr.
Str. Shelton Weed	Capt.	Engr.
(Western Steamship Corp.) (Owner)		
Str. George H. Ingalls	Capt.	Engr.
Str. Morris S. Tremain	Capt.	Engr.
Str. Henry P. Werner	Capt.	Engr.
(Grammer Steamship Corp.) (Owner)		
Str. G. J. Grammer	Capt.	Engr.
(Jones Navigation Co.) (Owner)		
Str. Griffin	Capt.	Engr.
(Lake Chelan Steamship Co.) (Owner)		
Str. Lake Chelan	Capt.	Engr.

Booth Fisheries Canadian Co. Ltd. (See Fleet No. 313)

23	Booth Fisheries Corp. 300 West Adams St., Chicago, Ill.
	(Owner and Operator)
Tug Baltimore	(Not in operation)
Tug Chattanooga	(Not in operation)
Tug Cincinnati	(Not in operation)

Tug Courtney L. (Not in operation)
 Tug Hollis M. (Not in operation)
 Tug Louisville (Not in operation)
 Tug Nashville Capt. H. Johnson Engr. D. Lewis
 Tug New York Capt. E. T. Tuttle Engr. J. Wendling
 Tug Philadelphia (Not in operation)
 Tug Pittsburgh Capt. E. Burgeson Engr. C. Goodwin

24 **Bowman, Frank, Hudson, Ontario. (Owner and Operator)**
 Angus McLeod, Port Arthur, Port Captain
 Tug J. Bowman Capt. Angus McLeod Engr. Steve Paulmert
 Tug W. G. Harrow (Not in operation)
 Tug Janet B. Capt. Robert Webber Engr. Harry Chisholm

25 **Boyd, Harry H., 102 Chestnut St., Erie, Pa. (Owner and Operator)**
 Tug Liberty Capt. Harry H. Boyd Engr.

26 **Bradley Transportation Co., Rogers City, Mich. (Owner and Operator)**
 Str. Carl D. Bradley Capt. Wm. J. MacLean Engr. John S. Sparre
 Str. Calcite Capt. C. A. Martin Engr. Chas. Frederick
 Str. John G. Munson Capt. Crossley McQuinn Engr. Arthur Urdal
 Str. T. W. Robinson Capt. M. R. MacLean Engr. Guy H. LaBount
 Str. B. H. Taylor Capt. F. F. Pearse Engr. Thos. Suttle
 Str. W. F. White Capt. Theo. Dahlburg Engr. J. A. Anderson

27 **Brigham, Charles, 164 Dearborn St., Buffalo, N. Y. (Owner and Operator)**
 Tug W. J. Warick Capt. Engr.

28 **Brown & Co., Chamber of Commerce Bldg., Buffalo, N. Y. (Operator)**
 (Brown Steamship Co.) (Owner)

Str. J. J. H. Brown Capt. Harry D. Sellon Engr. L. A. Fuller
 Str. W. H. Truesdale Capt. John A. MacDonald Engr. Ray Hanel
 (Iroquois Steamship Co.) (Owner)
 Str. Inland (Not expected to operate in 1934)

29 **Brown Navigation Co. Ltd., 71 St. Peter St., Quebec, Canada**
 (Owner and Operator)

Str. Itorro Capt. Engr.

30 **Brown, Worthy R., & Son, Lakeside, O. (Owner and Operator)**
 W. R. Brown, Port Captain

Tug Lakeside III Capt. Alex Metzgo Engr.
 Tug Geo. W. Maley Capt. Jack Metzgo Engr.

Brown Steamship Co. (See Fleet No. 28)

31 **Bryson, C. W., 1002 Rockefeller Bldg., Cleveland, O. (Operator)**
 (The Copper Steamship Co.) (Owner)

Str. Marita Capt. O. D. Collins Engr. J. L. Scott
 (The Maytham Steamship Co.) (Owner)

Str. Thomas Maytham Capt. Engr.
 (The India Navigation Co.) (Owner)

Bge. India Capt. Elmer Bening Engr. John Henderson

32 **Buckeye Steamship Co., 1508 Rockefeller Bldg., Cleveland, O.**
 (Owner and Operator)

Str. Macbeth Capt. H. Jacobson Engr. E. D. Butler

Str. MariposaCapt. A. KristiansenEngr. E. Liberty
 Str. MaritanaCapt. Wm. SchlegelEngr. P. Sparre
 Bge. TyroneCapt. T. K. WoodwardEngr.

33 Buffalo, City of, Department of Fire, Buffalo, N. Y.
 (Owner and Operator)

W. R. Castimore, Commissioner of Fire
 Str. W. S. GrattanPilot, Patrick J. Mullane.....Engr. Daniel A. Martin

34 Buffalo & Crystal Beach Corp., Foot of Commercial St., Buffalo, N. Y.
 (Owner and Operator)

George C. Hall, President and General Manager
 Str. Canadiana(No appointments made)

35 Buffalo Dry Dock Co., 191-301 Ganson St., Buffalo, N. Y.
 (Owner and Operator)

Repair Steamer ServiceCapt. Thomas Munson.....Engr. Thomas Munson
 St. Launch Amership(No appointments)
 St. Launch H. G. Smith.....(No appointments)

36 Buffalo Gravel Corp., 19 Hudson St., Buffalo, N. Y. (Owner and Operator)
 R. W. Eberly, General Manager

Str. Weston M. Carroll.....Capt.Engr.
 Str. CrescentCapt.Engr.
 Str. HymanCapt.Engr.
 Str. LakeportCapt.Engr.
 Str. LakewoodCapt.Engr.
 Str. VictoriaCapt.Engr.

Tug J. E. CarrollCapt.Engr.
 Tug M. B. FullerCapt.Engr.

37 Burke Towing & Salvage Co. Ltd., Midland, Ont. (Owner and Operator)
 Edward F. Burke, Captain

Tug Fanny ArnoldCapt.Engr.
 Tug LucknowCapt.Engr.
 Tug StrathbogieCapt. Chas. LynnEngr. Fred Gilbert
 Bge. Allan No. 2Capt.Engr.
 Bge. SalvusCapt.Engr.

Cambria Steamship Co. (See Fleet No. 18)

38 Canada Atlantic Transit Co. of U. S., 1253 Simcoe St., Toronto, Ont.
 (Owner and Operator)

R. B. Teakle, Manager
 Str. CanatcoCapt. D. F. CornettEngr. E. Coleman
 Str. DalwarnicCapt. J. CuthbertEngr. W. R. Jones
 Str. KearsageCapt.Engr.
 Str. Arthur OrrCapt. John SimonsEngr. W. Botsch

39 Canada Cement Transport Ltd., Canada Cement Bldg., Montreal, Canada.
 (Owner and Operator)

Str. BulkarierCapt. E. L. JenkinsEngr. W. Little
 E. M. V. Cementkarrier.....Capt. E. KnudsenEngr. M. E. Fowler

40 Canada & Dominion Sugar Co. Ltd., Wallaceburg, Ont.
 (Owner and Operator)

Tug William E. Rooney.....Capt.Engr.

41 Canada Forwarding Co. Ltd., 82 King St., E., Toronto, Ont.
(Owner and Operator)
Str. W. J. Crosby Capt. George Hindman..... Engr. John Barrett

42 Canada Steamship Lines Ltd., Montreal, Quebec. (Owner and Operator)
(These are 1933 appointments)

Str. Acadian Capt. Jas. Cochrane..... Engr. J. A. Gunn
Str. Anticosti Capt. Engr.
Str. Arvida Capt. Engr.
Str. Ashcroft Capt. H. J. Aitken..... Engr. H. Young
Str. Barrie Capt. H. Laliberte Engr. W. L. Hurder
Str. Bastian (Not in commission)
Str. Beaverton Capt. E. J. Shannon Engr. R. Sinclair
Str. Brentwood Capt. T. J. Carson Engr. L. E. Spencer
Str. Calgarian Capt. H. Baxter Engr. J. Brooks
Str. Camrose Capt. Engr.
Str. Canadian Capt. E. Corcoran Engr. Jas. Kirk
Str. Canmore Capt. Engr.
Str. Cape Eternity Capt. Engr.
Str. Cape Trinity (Not in commission)
Str. Cayuga Capt. C. J. Smith Engr. W. G. Taylor
Str. Chandler Capt. Engr.
Str. Chapleau Capt. Engr.
Str. Chatsworth Capt. Engr.
Str. Chippewa Capt. Wm. Malcolm Engr. J. F. Henry
Str. City of Hamilton..... Capt. J. A. Lepine Engr. Jas. Dyson

Str. City of Kingston..... Capt. A. Francis Engr. M. J. O'Brien
Str. City of Montreal Capt. N. Legault Engr. H. Paus
Str. City of Toronto Capt. M. J. Corkey Engr. A. P. Norris
Str. City of Windsor Capt. J. A. Ferguson Engr. M. J. Sherman
Str. Coalhaven Capt. P. Beatty Engr. J. B. Polding
Str. Collier Capt. Engr.
Str. Collingwood Capt. J. J. Dube Engr. I. J. Boynton
Str. Corona (Not in commission)
Str. Courtright Capt. Engr.
Str. Donald Stewart Capt. A. C. Patterson Engr. G. W. Clark
Str. Donnacona Capt. Jas. Reoch Engr. R. R. Foote
Str. Dundas Capt. E. Poirier Engr. J. Hamelin Jr.
Str. Edmonton Capt. Roy Anderson Engr. J. R. Naudie
Str. Elgin Capt. C. Simpson Engr. H. H. Moore
Str. Emperor Capt. J. A. Brown Engr. G. N. Smith
Str. Fairmount Capt. Dan Nolan Engr. F. Tousignant
Str. Fernie Capt. Alex Wilson Engr. J. M. Kennedy
Str. Gleneagles Capt. A. F. MacLennan Engr. Geo. Price
Str. Glenelg Capt. S. Sutton Engr. Jas. Douglas
Str. Glenross Capt. Engr.
Str. Goderich Capt. R. F. Pyette Engr. P. Eagles
Str. Grainmotor Capt. C. E. Scott Engr. E. C. Fleming
Str. Granby Capt. H. A. Leaney Engr. M. Parry
Str. Hagarty Capt. J. F. Davis Engr. H. J. Jack
Str. Hamilton Capt. Engr.
Str. Hamonic Capt. T. H. Johnston..... Engr. J. W. McLeod

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53

Str. Hastings	Capt. J. G. R. Toupin	Engr. J. J. Smith
Str. Huguenot	(Not in commission)	
Str. Huronic	Capt. Wm. Taylor	Engr. J. G. McHattie
Str. Ignifer	Capt.	Engr.
Str. Kenora	Capt. P. J. Stinson	Engr. R. W. Howes
Str. Kindersley	Capt. A. Allen	Engr. Geo. Fleming
Str. Kingston	Capt. A. E. Stinson	Engr. Geo. MacDonald
Str. Kinmount	Capt. B. Sullivan	Engr. J. M. Pendrigh
Str. Kipawa	Capt.	Engr.
Str. Knowlton	Capt. L. Patenaude	Engr. A. J. O'Brien
Str. Lanark	Capt. V. Chartier	Engr. M. Manner
Str. Lemoyne	Capt. C. E. Robinson	Engr. D. A. Sinclair
Str. Lennox	Capt. J. B. Gamache	Engr. D. Pruder
Str. Lethbridge	Capt. W. J. Holler	Engr. A. J. McChristie
Str. Magog	Capt. A. Bonin	Engr. J. Bennett
Str. Mapleheath	Capt. D. C. McLachlan	Engr. J. Hamelin Sr.
Str. Maplehill	Capt.	Engr.
Str. Mapleton	Capt. D. H. Porter	Engr. M. Rankin
Str. Martian	Capt.	Engr.
Str. Meaford	Capt. J. R. Lamarre	Engr. A. Meikle
Str. Midland King	Capt. Roy Burke	Engr.
Str. Midland Prince	Capt. G. C. Kirk	Engr. T. W. Verity
Str. Norfolk	Capt. W. J. Hore	Engr. Gordon Reid
Str. Noronic	Capt. P. McKay	Engr. S. Brisbin
Str. Osler	Capt. O. M. Wing	Engr. J. A. Pickard
Str. Oxford	Capt. A. Wilson	Engr. J. J. Dove

Str. Penetang	Capt. E. Griesbach	Engr. W. Coburn
Str. Portsmouth	Capt.	Engr.
Str. Prescott	Capt. W. H. Montgomery	Engr. W. C. Spencer
Str. Quebec	Capt. A. H. M. Waterlow	Engr. Geo. Gagnon Jr.
Str. Rapids King	Capt.	Engr.
Str. Rapids Prince	Capt. P. J. Cherry	Engr. E. Lenneville
Str. Renfrew	Capt.	Engr.
Str. Renvoyle	Capt. T. S. Patterson	Engr. H. Myler
Str. Richelieu	Capt.	Engr.
Str. Rosemount	Capt.	Engr. T. Nichols
Str. Royan	(Not in commission)	
Str. St. Lawrence	Capt. C. H. Burch	Engr. N. Peloquin
Str. Saguenay	Capt.	Engr.
Str. Saskatchewan	(Not in commission)	
Str. Saskatoon	Capt. Thos. McLeod	Engr. F. Lumley
Str. Selkirk	Capt. E. F. Raeburn	Engr. D. S. Simons
Str. Sherbrooke	Capt. L. Pregent	Engr. R. M. Bonnell
Str. Simcoe	Capt. H. J. Clarke	Engr. Geo. Cross
Str. Stadacona	Capt. J. H. Hudson	Engr. Jas. McGregor
Str. Starmount	Capt. J. W. Scarrow	Engr. J. M. Clark
Str. Tadoussac	Capt. W. Gagne	Engr. N. Crepeau
Str. Thunder Bay	Capt.	Engr.
Str. Toronto	Capt. B. A. Bongard	Engr. D. J. Leslie
Str. Turbina	(Not in commission)	
Str. Balcartier	Capt.	Engr.
Str. Vinmount	Capt.	Engr.

Str. Waterloo	Capt. G. Lefebvre	Engr. F. B. Bonnell
Str. Westmount	Capt. D. W. Burke	Engr. Chas. Leriche
Str. Weyburn	Capt. J. L. Baxter	Engr. R. H. Isbester
Str. Winnipeg	Capt. H. A. Patterson	Engr. J. A. MacDonald
Str. Winona	Capt. G. E. Stephens	Engr. R. G. Wilkinson

43 Canadian Dredging Co. Ltd., Midland, Ont. (Owner and Operator)

Tug Frank Dixon	Capt. F. Scott	Engr. G. M. Read
Tug A. M. German	Capt. J. Gillem	Engr. Robt. Beatty
Tug F. W. Grant	Capt. A. Lymburner	Engr. N. Taylor
Tug Hector	Capt. H. Mawdesley	Engr. Wm. Taylor
Tug Con Lynch	Capt. Oates	Engr. M. Ryckman
Tug Laird MacAulay	Capt. F. Lymburner	Engr. F. Chester
Tug G. W. Rogers	Capt. H. Gehl	Engr. J. Hamley
Tug T. H. C. No. 1.....	(Not in commission)	

Canadian Government Railways (See Fleet No. 221)

44 Canadian International Paper Co. Ltd., 1155 Beaver Hall Square, Montreal (Owner and Operator)

Tug Aid	Capt. O. Gauthier	Engr.
Tug Alligator Boyle	Capt. E. Kelly	Engr.
Tug Alligator Eadie	Capt. W. Marchand	Engr.
Tug Alligator Quaille	Capt. W. Herbert	Engr.
Tug Alligator Serpent	Capt. W. Pilon	Engr.
Tug Atacas	Capt. Chas. Cropley	Engr.
Tug Bush	Capt. P. Lemay	Engr.

Tug Chelsea	Capt. W. C. Russell	Engr.
Tug T. E. Draper	Capt. Geo. Smith	Engr.
Tug J. A. H. Henderson.....	Capt. A. J. Kelly	Engr.
Tug G. H. Notter	Capt. A. Osborne	Engr.
Tug Pickanock	Capt. Lambert Pilon	Engr.
Tug Pythango	Capt. H. Toner	Engr.
Tug Templeton	Capt. A. Malette	Engr.
Tug Wilda	Capt. Lorne Gray	Engr.

45 Canadian Lake Carriers Ltd., P. O. Box 1710, Montreal (Owner and Operator)

L. Beaupre, Marine Superintendent.

Str. Deepwater	Capt. W. Williams	Engr. B. Fiddler
Str. Stillwater	Capt. J. Macleod	Engr. C. Charlesworth
Str. Trenora	Capt. P. Mahoney	Engr. E. Hudspeth
Str. Trevisa	Capt. E. Walsh	Engr. A. Clark

Canadian National Railways (See Fleets No. 46 and 221)

46 Canadian National Railways, Windsor, Ontario. (Owner and Operator)

R. B. Teakle, manager

C. F. Huron	(Not in commission)	
C. F. Lansdowne	Capt. M. Bansette	Engr. Wm. Belsom

47 Canadian Oil Companies, Ltd. Toronto, Ont. (Operator)
(Sarnia & Toledo Transit Co.) (Owner)

Bge. En-ar-co	Capt. Jas. Warwick	Engr.
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- 48 **Canadian Pacific Car & Passenger Transfer Co. Ltd., Prescott, Ont.**
(Owner and Operator)
Tug PrescottontCapt. A. R. HenryEngr. A. Stillson
C. F. OgdensburgCapt. A. R. HenryEngr. A. Stillson
- 49 **Canadian Pacific Railway Co., Montreal, Que. (Owner and Operator)**
A. Gallagher, Superintendent, Great Lakes Steamships,
Port McNicoll, Ont.
Str. AlbertaCapt.Engr.
Str. AssiniboiaCapt. Jas. McCannelEngr. W. S. Struthers
Str. AthabascaCapt.Engr.
Str. KeewatinCapt. F. J. DavisEngr. Geo. D. Adam
Str. ManitobaCapt. F. S. MiddletonEngr. Geo. S. Rae
- 50 **Carow Towing Co., Cheboygan, Mich. (Owner and Operator)**
Tug LotusCapt.Engr.
- 51 **Carpenter-Hixon Co. Ltd., Blind River, Ont. (Owner and Operator)**
Tug WaubausheneCapt. W. DecotaEngr. Dougald McLeod
Cedarbay Steamship Co. Ltd. (See Fleet No. 311)
- 52 **Cement Transit Co., 1530 Builders Bldg., 228 N. LaSalle St., Chicago, Ill.**
(Owner and Operator)
M. S. Daniel McCoolCapt.Engr. Wm. Reardon
- 53 **Central Dredging Co., 307 No. Michigan Ave., Chicago.**
(Owner and Operator)
Str. ChicagoCapt.Engr.
- Str. South ParkCapt.Engr.
Tug ManometCapt.Engr.
- 54 **Century Coal Co. Ltd., Montreal, Que. (Owner and Operator)**
Str. PonokaCapt. A. GouletEngr. D. Lavalle
- 55 **Chicago, City of, Fire Department, Chicago, Ill. (Owner and Operator)**
Tug IllinoisCapt. Thos. FarrellEngr. George McClane
Capt. Fred DelaneyEngr. John McCarthy
Tug MedillCapt. John J. JulianEngr. Leslie Papineau
Capt. Philip E. ThorpEngr. Amos F. Mitchell
Capt. Lawrance Cullnan
Tug StewartCapt. James HallahanEngr. James Heffernan
Capt. Frederick StenzelEngr. Charles E. Doran
- 56 **Chicago, Duluth and Georgian Bay Transit Co., 128 W. Monroe St., Chicago.**
(Owner and Operator)
Str. North AmericanCapt. Wm. T. BrightEngr. C. T. Vermuelen
Str. South AmericanCapt. A. C. AndersonEngr. H. J. Wilson
- 57 **Chicago Roosevelt Steamship Lines, Manitowoc, Wis. (Owner and Operator)**
J. E. Thiell, General Manager.
Str. Theodore RooseveltCapt. G. E. StufflebeamEngr. Joseph Peroutka
- 58 **Chicago Ship Building Co., 101st St. and Calumet River, East Side, Chicago.**
(Owner and Operator)
Repair Launch Chicago Ship
No. 1Capt. J. Barrick

Motor Launch DuttonCapt. J. Lindmark
Repair Scow No. 4

59 **Christiansen, H., & Sons, Duluth, Minn. (Owner and Operator)**
 Martin Christiansen, Port Captain
Str. WinyahCapt. M. ChristiansenEngr. Gregory Chokluk
 City of Buffalo (See Fleet No. 33)
 City of Chicago (See Fleet No. 55)
 City of Cleveland (See Fleet No. 61)
 City of Detroit (See Fleets No. 76 and 77)
 City of Milwaukee (See Fleet No. 202)
 City of Ottawa (See Fleets No. 236, 237 and 238)
 City of Three Rivers (See Fleet No. 305)
 City of Toronto (See Fleets No. 307 and 309)

60 **Cleveland & Buffalo Transit Co., East 9th St. Pier, Cleveland, O.**
 (Owner and Operator)
 George Turnbull, Superintending Engineer of Fleet
Str. City of BuffaloCapt. Allan StrachanEngr. Wm. Caine
Str. City of ErieCapt. John T. EatonEngr. Wm. Robinson
Str. Good TimeCapt. Ralph SpurrierEngr. Alex Greb
Str. SeandbeeCapt. Neil McPhailEngr. Geo. Turnbull
61 **Cleveland, City of, Fire Department, Cleveland, O.**
 (Owner and Operator)

 Capt. F. A. Hearnes, Port Captain; J. R. Horazdosky, Chief Engineer
Tug J. H. Farley(Not in operation)
Tug George A. Wallace(Not in operation)

62 **Cleveland-Cliffs Iron Co., 1460 Union Trust Bldg., Cleveland, O. (Operator)**
 (Cleveland-Cliffs Steamship Co.) (Owner)
 A. E. R. Schneider, Manager Marine Department
 C. O. Rydholm, Fleet Captain. James H. Durkin, Fleet Engineer
 (No definite appointments will be made for 1934)

Str. CadillacCapt.Engr.
Str. FrontenacCapt.Engr.
Str. Grand IslandCapt.Engr.
Str. IshpemingCapt.Engr.
Str. JolietCapt.Engr.
Str. LaSalleCapt.Engr.
Str. MarquetteCapt.Engr.
Str. William G. MatherCapt.Engr.
Str. MichiganCapt.Engr.
Str. MunisingCapt.Engr.
Str. NegauneeCapt.Engr.
Str. PioneerCapt.Engr.
Str. PontiacCapt.Engr.
Str. J. H. SheadleCapt.Engr.
 (Fontana Steamship Co.) (Owner)
Str. ColonelCapt.Engr.
Str. YosemiteCapt.Engr.
 (Presque Isle Transportation Co.) (Owner)
Str. AngelineCapt.Engr.
Str. Presque IsleCapt.Engr.

Str. Peter WhiteCapt.Engr.
(Schneider Transportation Co.) (Owner)

Str. Cletus SchneiderCapt.Engr.
Str. Pam SchneiderCapt.Engr.

Cleveland-Cliffs Steamship Co. (See Fleet No. 62)

63 Cleveland Tankers Inc., 1025 Guarantee Title Bldg., Cleveland, O.
(Owner and Operator) A. R. Roberts, Manager; W. C. Secord, Marine Supt.
Str. General MarkhamCapt. L. M. JonassenEngr. Geo. Massey

64 Climie, Capt. T. B., Sault Ste. Marie, Ontario (Operator)
(Capt. Alexander) (Owner)
Str. Islet PrinceCapt. AlexanderEngr. Wallace

65 Clow & Nicholson Transportation Co., Duluth, Minn. (Owner and Operator)
Str. MontaukCapt. B. J. RobertsEngr. J. A. Weber

66 Coal Carriers Corp. Ltd., 660 St. Catherine St., West, Montreal, Que.
N. W. Howard, President
Str. CoalfaxCapt. Lorne McCartneyEngr. Bernard Langan
Colonial Steamships Ltd. (See Fleet No. 279)
Columbia Transportation Co. (See Fleet No. 227)

67 Connelly Bros., 165 Ohio St., Buffalo, N. Y. (Owner and Operator)
Tug Connelly Bros No. 1.....Capt.Engr.
Consolidated Steamship Co., The (See Fleet No. 306)

68 Construction Materials Corp., 33 N. LaSalle St., Chicago, Ill.
(Owner and Operator) J. R. Sensibar, President
Str. AmericanCapt. L. ThorsenEngr. J. Olsen
Str. FontanaCapt. A. G. ReaganEngr. Matt Kuntz
Str. SandcraftCapt. T. GuslandEngr. S. Radke
Tug FreedomCapt.Engr.
Tug Robert E. JohnstonCapt.Engr.
Tug LibertyCapt.Engr.
T. M. S. J. R. Sensibar.....Capt. H. BrickerEngr. A. Wirth
M. S. SandmasterCapt. A. JonassenEngr. R. W. Miller
Bge. Aurora(At Dock)
Bge. L. L. Barth(At Dock)

Continental Steamship Co. (See Fleet No. 306)
The Copper Steamship Co. (See Fleet No. 31)

69 Couture Bros. Fish Co., Ontonagon, Mich. (Owner and Operator)
Earl J. Couture, Port Captain
Tug Nellie Cotton(Not in operation)
Tug EagleCapt. Earl CoutureEngr. Wm. Nostink
Tug RecordCapt. Russell CoutureEngr. Joe Getz

70 Cowles Towing Co., 360-370 Ohio St., Ohio Basin Terminal, Buffalo, N. Y.
(Owner and Operator)
W. G. Fox, Fleet Captain. R. Garrity Jr., Engineer
Diesel Tug CarlottaCapt. S. BrighamEngr. J. Ruane
Tug Ross CoddingtonCapt. Thos. LallyEngr. C. Albright

Diesel Tug Lotta L. Cowles.....	Capt. R. McRae	Engr. H. Dano
Tug Wm. G. Fox	Capt.	Engr.
Tug Liberty	Capt. I. Latimore	Engr. R. Garrity
71	Cox, Charles W., Ltd., Port Arthur, Ont. (Owner and Operator)	
Tug Jessie Hall	(Not in operation)	
72	Cram, R. H., Ottawa, Ont. (Owner and Operator)	
Str. R. Anglin	Capt.	Engr.
	Crosby, E. S., & Co. Inc. (See Fleet No. 275)	
73	Cullnan, P. J., 1909 Newport Ave., Chicago, Ill. (Operator)	
	(Cullnan & Walsh) (Owner)	
	P. W. Walsh, Port Captain	
Tug Fred A. Britten	Capt. P. J. Cullnan	Engr. D. Cullnan
Tug Josephine	Capt. P. W. Walsh	Engr. Jos. A. Shea
	Cullnan & Walsh (See Fleet No. 73)	
	Dalhousie Navigation Co. (See Fleet No. 221)	
	Dark Tug Line (See Fleet No. 280)	
74	Daryaw, Capt. Henry, 30 Rideau St., Kingston, Ont. (Owner and Operator)	
Sch. M. Sicken	Capt. Robt. Siddell	Engr. Arthur Bouch
75	Davidson Steamship Co., Duluth, Minn. (Owner and Operator)	
Str. Cottonwood	Capt.	Engr.
Str. Lake George	Capt.	Engr.
Str. Sacramento	Capt.	Engr.
Sch. Chieftain	Capt.	Engr.
Sch. Montezuma	Capt.	Engr.
76	Detroit, City of, Department of Parks and Boulevards, 1900 Water Board Bldg., Detroit, Mich. (Owner and Operator)	
	George H. Patton, Superintendent; H. W. Busch, Commissioner	
Tug George H. Patton	Capt. Hugh McKennzie	Engr. Ruben Bouffard
Tug W. H. Simpson	(Not in operation)	
77	Detroit, City of, Fire Department, 3434 Russell St., Detroit, Mich. (Owner and Operator)	
	Edward C. Rumsey, Port Engineer	
Tug James Battle	Capt. Hubert Skiffington.....	Engr. George Seiler
Tug John Kendall	Capt. Joseph Jones	Engr. Alexander Roach
	Chas. Jagenow	Frank Sweeney
78	Detroit & Cleveland Navigation Co., Foot of Wayne St., Detroit, Mich. (Owner and Operator)	
	Jas. T. McMillan, President. G. L. Perkins, General Manager.	
	J. A. Lewis, Superintendent Hulls and Machinery	
Str. City of Cleveland III.....	Capt. John Lightbody	Engr. Albert Murphy
Str. City of Detroit III	Capt. Alfred J. Palmer	Engr. William Hoppa
Str. Eastern States	Capt. Wm. McDonald	Engr. Walter H. Traxler
Str. Greater Buffalo	Capt. Lee C. De Nike	Engr. M. E. Sicklesteele
Str. Greater Detroit	Capt. John A. Hyatt	Engr. Andrew Carter
Str. Western States	Capt. L. C. Mantel	Engr. J. Leonard Nattress
79	Detroit Material & Transportation Co., 13095 Greeley, Detroit, Mich. (Owner and Operator)	
	John H. Cameron, Manager	
Str. H. Dahlke	Capt.	Engr.

Str. M. G. HauslerCapt.Engr.
Tug UfascoCapt. E. J. FarleyEngr. Charles Allison

80 Detroit Sulphite Transportation Co., 9125 W. Jefferson Ave., Detroit, Mich.
(Owner and Operator)

L. Hulbert, Port Captain; E. Gschwender, Superintending Engineer
Tug SulphiteCapt. A. M. PetersonEngr. A. C. Thompson
Bge. CordovaCapt. Peter JohansenEngr. Fred Wilkensen
Bge. MitschfibreCapt. Sigurd KjeremEngr. Ralph Hansen
Bge. Swederope(Appointments not made)
Bge. Sidney G. ThomasCapt. Theodor BirkelandEngr. Krist Kristianson

81 Detroit Tug Line, 8145 Medina St., Detroit, Mich. (Owner and Operator)
R. G. Candler, Manager

Tug B. E. WestCapt.Engr.

82 Detroit & Windsor Ferry Co., Foot of Bates St., Detroit, Mich.
(Owner and Operator)

Herbert Balfour, Assistant General Manager; Wm. J. Nolan, Fleet Engineer
Ferry BritanniaCapt. M. H. MahonEngr. Joseph Walker
Ferry CadillacCapt. A. J. BainEngr. Donald Reid
Ferry LaSalleCapt. Clifford WilkinsEngr. Archie R. Wright
Ferry PappooseCapt. Robt. C. BrownEngr. Joseph Mark
Ferry Pleasure(Reserve Steamer)
Ferry Pontiac(Not in operation)
Ferry Promise(Not in operation)

Str. ColumbiaCapt. John J. Denstaedt.....Engr. Edward Seymour
Str. Ste. ClaireCapt. Chas. H. Anderson.....Engr.

Dominion Transportation Co. Ltd. (See Fleet No. 313)

83 Doville Lake Sand & Gravel Co., 424 Water St., Toledo, O.
(Owner and Operator)

R. E. Doville, Port Captain and Engineer of Fleet

Str. Commerce(Not in commission)
Str. R. E. DovilleCapt.Engr.

84 Duluth Marine Supply Co., Duluth, Minn. (Owner and Operator)

Tug Simon ClarkCapt. Emil GustafsonEngr.

85 Duluth, Missabe & Northern Railway Co., Duluth, Minn.
(Owner and Operator)

Tug Edna G.Capt. Henry FoxEngr. Fabien Poulin
Duluth Steamship Co. (See Fleet No. 306)

86 Duluth Superior Dredging Co., Duluth, Minn. (Owner and Operator)

Tug GladiatorCapt.Engr.
Tug WarriorCapt.Engr.

87 Dunbar & Sullivan Dredging Co., Buffalo, N. Y. (Operator)
(Dunbar & Sullivan Dredging Co., Detroit) (Owner)

Tug SachemCapt. Wm. ZiemEngr. Jas. Bainbridge
Tug ShaughraumCapt. Ed. TobinEngr. Samuel Furst
Tug Shaun RhueCapt. J. H. McLeanEngr. Wm. Shewfelt
Tug R. H. GoodeCapt. Ed. BebeauEngr. Chas. Anderson

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88 **Durocher, T. L., Co., De Tour, Mich. (Owner and Operator)**
 W. W. Durocher, Manager; R. C. Durocher, Marine Superintendent
 Tug T. L. DurocherCapt. E. J. PotvinEngr. James Sherry
 Tug Richard FitzgeraldCapt. Ben HouleEngr. J. Stockwell
 Tug Walter D.Capt. H. OlmsteadEngr. H. Olmstead
 Bge. Derk, De TourCapt. Francis Carpenter.....Engr. C. Hayward
 Bge. Norman KelleyCapt. N. GoetzEngr.
 Bge. Jas. H. PellettCapt. Ed. FountainEngr.
 Str. CayugaCapt. H. R. WinklerEngr. F. Fegert

Eastern Steamship Co., The (See Fleet No. 129)
 Eastern Steamship Co. Ltd. (See Fleet No. 22)

89 **Eldridge & Robinson, Auburn, N. Y. (Owner and Operator)**
 Str. M. G. PhelpsCapt. P. P. PhelpsEngr. Fred Blythe
 Diesel Tug EmpireCapt. Roy CarterEngr. Everett Emmick

Elmbay Steamship Co. Ltd. (See Fleet No. 311)

90 **Emery, W. L., Ft. of Mt. Elliott Ave., Detroit, Mich. (Owner and Operator)**
 Str. John R. EmeryCapt. Delos LaffreyEngr. Leon Bourlier

Empress Navigation Co. Ltd. (See Fleet No. 131)

91 **England Towing Co., Duluth, Minn. (Owner and Operator)**

 M. A. Poliquin, Manager

Tug A. W. ColtonCapt. N. F. ThompsonEngr.
 Bge. AdeleCapt. Wm. Lourence
 Bge. FaithCapt. Melvin Hodvedth

92 **Erie Isles Ferry Co., Put-in-Bay, Ohio (Owner and Operator)**

 Chas. Stensen, Manager

Str. Erie IslesCapt. A. J. StollEngr. Oscar Bertch

93 **Erie & St. Lawrence Corp., 42 Broadway, New York City**
 (Owner and Operator) J. A. Urquhart, General Manager

M. S. I. L. I. No. 101.....Capt. C. D. BennettEngr. Chas. E. Hansen
 M. S. I. L. I. No. 102.....Capt. William CarlrossEngr. Henry Mikkelsen
 M. S. I. L. I. No. 103.....Capt. William LansingEngr. M. Matson
 M. S. I. L. I. No. 104.....Capt. Fred WaldmanEngr. Elmer Birdsall
 M. S. I. L. I. No. 105.....Capt. Oscar GronwallEngr. Lawrence Wolf *

94 **Erie Sand & Gravel Co., Foot Sassafras St., Erie, Pa. (Owner and Operator)**

 A. B. Trow, Manager

Str. Erie(Not in operation)
 Str. F. C. OsbornCapt. Louis FalhauberEngr. F. W. Buchner

95 **Evans, Royal G., Cheboygan, Mich. (Owner and Operator)**

Tug Burger(No appointments)

96 **Federal Motorship Corp., 1124 Marine Trust Bldg., Buffalo, N. Y.**
 (Owner and Operator)

 Fleet Engineer, Carl Pearson

M. S. Badger StateCapt. Jesse ZuravickEngr. William H. Post
 M. S. Buckeye StateCapt. Wilson MacGregorEngr. Einar Stokke
 M. S. Empire StateCapt. William LansingEngr. Edward P. Jones

Fitzpatrick, Joseph (See Fleet No. 156)

97 Fitz Simons & Connell Dredge & Dock Co., 10 South LaSalle St.,
Chicago, Ill. (Owners and Operators)
John J. Roche, General Superintendent

Str. Nassau Sand Boat	.....Capt. Messner	.....Engr.
Tug Charles J. Connell	.....Capt. Dornick Barrett	.....Engr. John Lyons
Tug E. James Fucik	.....Capt. Robert Harman	.....(No appointment)
Tug LaSalle	.....(No appointments)	
Tug Job T. Lillis	.....(No appointments)	
Launch Nassau	.....(No appointments)	
Launch Pilot	.....(No appointments)	

98 Fix Bros., 1826 Niagara St., Buffalo, N. Y. (Owner and Operator)

Str. Jamaica	.....Capt.	.....Engr.
Str. Orleans	.....Capt.	.....Engr.
Str. Plow Boy	.....Capt.	.....Engr.
Str. Seebreeze	.....Capt.	.....Engr.

Fontana Steamship Co. (See Fleet No. 62)

99 Foote Transit Co. Ltd., 64 King St., East, Toronto, Ont. (Operator)

Capt. J. B. Foote (Owner)

Str. F. V. MasseyCapt. R. McGlennonEngr. R. H. Plunkett
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100 Ford Motor Co., Rouge Plant, Dearborn, Mich. (Owner and Operator)

O. A. Johnson, Marine Supt.

M. S. Benson Ford	.....Capt. A. Pedersen	.....Engr. G. St. Bernard
M. S. Henry Ford II	.....Capt. J. J. Pearce	.....Engr. M. McLaren
Tug Barloe	.....Capt.	.....Engr.

Tug Barrallton	.....Capt.	.....Engr.
Tug Bathalum	.....Capt.	.....Engr.
Tug Baymead	.....Capt.	.....Engr.
Tug Buttercup	.....Capt.	.....Engr.
Tug Dearborn	.....Capt.	.....Engr.
Tug Humrick	.....Capt.	.....Engr.
Bge. Lake Allen	.....Capt.	.....Engr.
Bge. Lake Crystal	.....Capt.	.....Engr.
Bge. Lake Farge	.....Capt.	.....Engr.
Bge. Lake Folcroft	.....Capt.	.....Engr.
Bge. Lake Freeland	.....Capt.	.....Engr.
Bge. Lake Frugality	.....Capt.	.....Engr.
Bge. Lake Frumet	.....Capt.	.....Engr.
Bge. Lake Hemlock	.....Capt.	.....Engr.
Bge. Lake Inaha	.....Capt.	.....Engr.
Bge. Lake Kytte	.....Capt.	.....Engr.
Bge. Lake Louise	.....Capt.	.....Engr.
Bge. Lake Pleasant	.....Capt.	.....Engr.
Bge. Lake Sapor	.....Capt.	.....Engr.

New York Barge Canal and Lake Steamers

Str. Chester	.....Capt. J. McNeely	.....Engr. J. W. Hidden
Str. Edgewater	.....Capt. W. H. McQuivey	.....Engr. C. J. Adamson

Franklin Steamship Co. (See Fleet No. 18)

101 Fraser, John S., Wallaceburg, Ont. (Operator)
 (Wallaceburg Sand & Gravel Co. Ltd.) (Owner)
 Tug Annette FraserCapt.Engr.
 Tug Jean FraserCapt.Engr.
 Sand Bge. Rose Burgess.....Capt.Engr.

102 Fuller, Capt. M. E. and Carl Klein, Algonac, Mich.
 Bge. Clarence J. Fillmore....(Appointments not made)

103 Gallagher, B. J., Box 136, Escanaba, Mich. (Owner and Operator)
 Str. Almyra(Not in commission)
 Scow Chief No. 1.....Capt.Engr.

104 Garriock, Wm., Port Arthur, Ont. (Owner and Operator)
 Tug Bessie M.Capt. W. GarriockEngr. N. N. Nelson
 • Gartland Steamship Co. (See Fleet No. 297)

106 Georgian Bay Tourist Co. of Midland, Ltd., Midland, Ont.
 (Owner and Operator) N. K. Wagg, Manager
 Str. City of DoverCapt.Engr.
 M. S. Midland CityCapt. E. MackieEngr. A. Warner
 WaterbusCapt. D. McGrattanEngr.
 West WindCapt. H. MartinEngr. H. Gair

107 Gerkin, Howard, 39 Lisbon St., Buffalo, N. Y. (Owner and Operator)
 Str. NiagaraCapt.Engr.
 Str. SandsuckerCapt. Thomas HeffernanEngr. Harry Raines

108 Gilbert, John H., 920 First St., Sandusky, O. (Owner and Operator)
 Diesel Tug TouristCapt.Engr. John H. Gilbert

109 Gillen, Edward E., Towing Co., Milwaukee, Wis. (Owner and Operator)
 Tug Edward E. GillenCapt. A. JacobsonEngr. Henry Marth
 G. L. Earl A.Capt. Stanley NaurockiEngr.
 Tug Ernest E. BeauvaisCapt. John LenzEngr.
 Tug KillarneyCapt.Engr.

110 Gleason, F. D., Coal Co., Detroit, Mich. (Owner and Operator)
 Str. HarlowCapt.Engr.
 Str. TampicoCapt.Engr.
 Str. UsonaCapt.Engr.
 Tug 3rd MichiganCapt.Engr.

Globe Steamship Corp. (See Fleet No. 306)

111 Goodrich Transit Line, Chicago, Ill.

This company is no longer operating. Legal claim to the Steamers Alabama, Christopher Columbus and Carolina is being held in the name of William F. Price, for the bondholders. The Christopher Columbus and Carolina are not operating; the Alabama will be operated by Journeys Inc., Chicago.

112 Graham, R. L., Little Current, Ont. (Owner and Operator)
 Tug Helen S.Capt. C. R. BradleyEngr. Wm. Terry

Grammer Steamship Corp. (See Fleet No. 22)

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113 Grand Trunk Milwaukee Car Ferry Co., Chamber of Commerce Bldg.,
 Milwaukee, Wis. (Owner and Operator)
 R. M. Bloecker, Supt., Lake Michigan Car Ferries.
 C. F. City of MilwaukeeCapt. J. F. CavanaughEngr. Thos. Rice
 C. F. Grand HavenCapt. Chas. McCauleyEngr. E. E. Luke
 C. F. Grand RapidsCapt. O. D. GallagherEngr. Henry Wickwire
 C. F. MadisonCapt. Edward MartinEngr. James MacKenzie

114 Gravel Motorship Corp., Foot of Ontario St., Buffalo, N. Y. (Owner)
 (Chartered by Captains J. L. Larsen and John Roen)

Str. OrmidaleCapt.Engr.

115 Gravel Products Corp., 99 Miami St., Buffalo, N. Y. (Owner and Operator)

Str. NiagaraCapt.Engr.

116 Great Lakes Dredge & Dock Co., 104 S. Michigan Ave., Chicago, Ill.
 (Owner and Operator)

Paul W. Dickinson, Gen. Supt.

Tug AlertCapt. T. StengelEngr. E. Kern
 Tug Badger StateCapt. J. MurphyEngr. J. E. Hendrixson
 Tug James H. CassidyCapt. W. FeibigEngr. C. Runyan
 Tug John F. CushingCapt. F. E. SniderEngr. M. Welch
 Tug E. C. DempseyCapt. A. JewellEngr. W. Whaley
 Tug James EdwardCapt. R. HughesEngr. A. Stengel
 Tug Effie L.(Laid up)
 Tug FlaglerCapt.Engr.
 Tug Andrew H. GreenCapt. L. CullnanEngr. W. Weber
 Tug HassayampaCapt. O. HendriksenEngr. J. Garot

Tug Martin Hauser Jr.Capt. J. EskelandEngr. H. Nordstrom
 Tug Hoosier StateCapt. M. SelvikEngr. W. Herbst
 Tug HudsonCapt. G. HagueEngr. E. Johnson
 Tug William H. KinchCapt. W. FarrellEngr. J. Dickson
 Tug C. W. KraftCapt. R. ChurchEngr. J. Casey
 Tug Lady BarbaraCapt. F. UllrichEngr. C. BJORKE
 Tug William A. LydonCapt. A. V. EllisEngr. A. Smith
 Tug Harry McGinnisCapt. C. SchoperEngr. G. Johnson
 Tug MarionCapt. B. FarrellEngr. F. Gerrard
 Tug Martha C.Capt. R. BishopEngr. H. Hanger
 Tug Mary C.Capt. J. E. SheaEngr. O. Nordquist
 Tug Oscar F. MayerCapt. R. JefferyEngr. P. Smith
 Tug James J. MurrayCapt. W. AngellEngr. M. Cross
 Tug Fred R. RichardsCapt. Wm. JantzeEngr. G. Page
 Tug L. P. SmithCapt. W. CampbellEngr. G. Lahman
 Tug Charles E. Williams.....Capt. W. A. MattickEngr. F. LaForge
 Tug Harry B. Williams.....Capt. M. BishopEngr. J. Williams
 Tug John R. WilliamsCapt. E. McCabeEngr. J. Lacey
 Dge. ColumbiaCapt. O. KutznerEngr. A. Hamilton
 Dge. CrestCapt. L. BouchardEngr. C. P. Sheltman
 Dge. IllinoisCapt. T. FredericksonEngr. C. Brooks
 Dge. MajesticCapt. J. FreaEngr. E. Mattison
 Dge. MichiganCapt. P. GreenEngr. W. Brewer
 Dge. MogulCapt. G. RutledgeEngr. J. Hoynosh
 Dge. New JerseyCapt. M. RobertsEngr. S. Smith
 Dge. New YorkCapt. E. LudvigsonEngr. G. Harvey

Dge. 48	.....Capt. R. Selvick	.....Engr. M. Walsh
Dge. 54	.....Capt. J. Kirchmaier	.....Engr. S. Lund
Dge. 55	.....Capt. J. Hoehnen	.....Engr. M. Patten
Dge. 56	.....Capt. V. Jones	.....Engr. H. Krieg
Dge. B-7	.....Capt. L. Cowan	.....Engr. T. Miller
Dge. M-9	.....Capt. A. Munson	.....Engr. J. Pellow
Dge. Turbo	.....Capt. A. Richard	.....Engr. C. Peterson

117 Great Lakes Dredging & Contracting Co. Ltd., Port Arthur, Ont.
(Owner and Operator) J. C. Fitzgerald, Port Captain

Tug Thomas Fisher	.....Capt.	.....Engr.
Tug Minnie W.	.....Capt.	.....Engr.
Tug J. D. Morrison	.....Capt.	.....Engr.
Tug Edward C. Whalen	.....Capt.	.....Engr.

118 Great Lakes Engineering Works, River Rouge, Detroit, Mich.
(Owner and Operator)

Tug EcorseCapt.Engr.
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119 Great Lakes Steamship Co. Inc., 1548 Rockefeller Bldg., Cleveland, O.
(Owner and Operator)

J. Burton Ayers, Manager; Henry Cowan, Fleet Engineer
(No appointments will be made)

Str. Belgium	.....Capt.	.....Engr.
Str. John B. Cowle	.....Capt.	.....Engr.
Str. Denmark	.....Capt.	.....Engr.
Str. John Dunn Jr.	.....Capt.	.....Engr.

Str. J. F. Durston	.....Capt.	.....Engr.
Str. Finland	.....Capt.	.....Engr.
Str. Charles Hubbard	.....Capt.	.....Engr.
Str. George B. Leonard	.....Capt.	.....Engr.
Str. A. E. Nettleton	.....Capt.	.....Engr.
Str. Norway	.....Capt.	.....Engr.
Str. William Nottingham	.....Capt.	.....Engr.
Str. B. Lyman Smith	.....Capt.	.....Engr.
Str. Hurlbut W. Smith	.....Capt.	.....Engr.
Str. Lyman C. Smith	.....Capt.	.....Engr.
Str. Monroe C. Smith	.....Capt.	.....Engr.
Str. Wilbert L. Smith	.....Capt.	.....Engr.
Str. Sweden	.....Capt.	.....Engr.
Str. Smith Thompson	.....Capt.	.....Engr.
Str. H. S. Wilkinson	.....Capt.	.....Engr.

120 Great Lakes Towing Co., Union Trust Bldg., Cleveland, O.
(Owner and Operator)

The Great Lakes Towing Co. has never published the names of captains and engineers of the tugs for the reason that it is not practical to do so. These appointments are made by the local managers of their respective ports. In addition most of their tugs are double crewed and for that reason they each have two captains and two chief engineers.

Tug Alabama	.....Tug Kansas	.....Tug Racine
Tug AlpenaTug KentuckyTug R. P. Reidenbach
Tug AmericaTug LorainTug Rhode Island

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Tug Arizona	Tug Louisiana	Tug L. C. Sabin
Tug Arkansas	Tug Maine	Tug Sandusky
Tug Ashtabula	Tug Maryland	Tug James R. Sinclair
Tug California	Tug Massachusetts	Tug Tennessee
Tug Colorado	Tug W. L. Mercereau	Tug Texas
Tug Connecticut	Tug Michigan	Tug Toledo
Tug Delaware	Tug Minnesota	Tug John M. Truby
Tug Detroit	Tug Mississippi	Tug Utah
Tug Dunkirk	Tug Missouri	Tug Vermont
Tug Fairport	Tug Montana	Tug Virginia
Tug Favorite	Tug Nebraska	Tug Washington
Tug Florida	Tug Nevada	Tug Waukegan
Tug Frank W.	Tug New Hampshire	Tug Wisconsin
Tug Georgia	Tug New Jersey	Tug Wyoming
Tug Harvard	Tug New York	Tug Yale
Tug Huron	Tug North Harbor	Lighter T. F. Newman
Tug Idaho	Tug Ohio	Lighter Pontoon
Tug Illinois	Tug Oklahoma	Lighter Reliance
Tug Indiana	Tug Oregon	Lighter Relief
Tug Iowa	Tug Pennsylvania	Lighter Rescue
		Lighter Resolute

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121 Great Lakes Transit Corp., 223 Erie St., P. O. 987, Buffalo, N. Y.

(Owner and Operator)

(1934 Appointments not available)

Str. W. W. AtterburyCapt.Engr.

Str. Edward Chambers	Capt.	Engr.
Str. W. J. Conners	Capt.	Engr.
Str. Delos W. Cooke	Capt.	Engr.
Str. P. E. Crowley	Capt.	Engr.
Str. J. M. Davis	Capt.	Engr.
Str. G. D. Dixon	Capt.	Engr.
Str. Charles Donnelly	Capt.	Engr.
Str. Duluth	Capt.	Engr.
Str. J. E. Gorman	Capt.	Engr.
Str. C. T. Jaffray	Capt.	Engr.
Str. Juniata	Capt.	Engr.
Str. Edward E. Loomis	Capt.	Engr.
Str. Milwaukee	Capt.	Engr.
Str. Octorara	Capt.	Engr.
Str. Fred W. Sargent	Capt.	Engr.
Str. H. A. Scandrett	Capt.	Engr.
Str. Alfred H. Smith	Capt.	Engr.
Str. Tionesta	Capt.	Engr.
Str. F. D. Underwood	Capt.	Engr.
Str. Utica	Capt.	Engr.
Str. Daniel Willard	Capt.	Engr.

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122 Great Lakes Transit Corp. Ltd., Midland, Ont. (Operator)

James Playfair, President

(Midland Steamships Ltd., Midland, Ont. (Owner))

Str. Ralph BuddCapt. F. BurkeEngr. E. Carpenter

Str. James B. EadsCapt. F. HarpellEngr. H. Adams
 Str. John EricssonCapt. M. StalkerEngr. J. E. Readman
 Bge. No. 137Capt. J. BlytheEngr. T. Bonner
 Bge. GlenbogieCapt. A. LavigneEngr. W. Gilbert
 Bge. Alexander HolleyCapt. J. FikeEngr. G. Kelly

123 **Great Lakes Transport Corp., 3112 Book Tower, Detroit, Mich.**
 (Owner and Operator)

Str. MexoilCapt. Nelson GonyawEngr. John Mathews
 Str. PanoilCapt. C. V. NissenEngr. Prosper Tennant

124 **Gunderson, Capt. Louis, Alpena, Mich. (Owner and Operator)**

Tug Henry F. BrowerCapt. Louis Sunderson Jr.Engr. Robert Gunderson

125 **Hackett Towing Co., Quebec, Que. (Owner and Operator)**
 J. K. Hackett, Managing Owner

Tug C. A. B.Capt. Jas. RobergeEngr. Laureat Dionne
 Tug M. E. HackettCapt. Elzear DoinneEngr. A. Beaudette
 Tug Johnnie W.Capt.Engr. P. LaChance
 Tug Willie H.Capt. Ernest VezinaEngr. Paul Metwier

126 **Hall, George, Corp., Ogdensburg, N. Y. (Owner and Operator)**

Str. Adrian IselinCapt. H. M. RussellEngr. John Rumble
 Str. L. W. RobinsonCapt. H. T. BrosnanEngr. William Thompson

127 **Hall Corp. of Canada, 360 Place Royale, Montreal, Que. (Owner and Operator)**
 A. Hutchinson, Secretary; H. Lamoureux, Superintending Engineer

Str. AycliffeCapt. R. SinclairEngr. A. Mackintosh
 Str. ConiscliffeCapt. E. GroulxEngr. J. Boutin

Str. Geo. L. EatonCapt. A. BarrettEngr. Geo. B. Fleming
 Str. EaglescliffeCapt. L. MongrainEngr. A. E. House
 Str. MeadcliffeCapt. R. ChatelEngr. Jos Denis
 Str. Mont LouisCapt. T. MarchandEngr. A. Baribeau
 Str. John H. PriceCapt. T. L. DavisEngr. J. Dunn
 Str. Walter B. ReynoldsCapt. Geo. DoraisEngr. A. Bibeau
 Str. RockliffeCapt. W. M. BowenEngr. W. H. Lamoureux
 Str. WestcliffeCapt. M. H. RobsonEngr. P. Bolduc

128 **Hallahan, James D., 10124 Avenue M, Chicago, Ill. (Operator)**
 (Union Transit Co., Chicago) (Owner)

Str. Lake TraverseCapt. Ed. FlemingEngr. Andrew Bray

129 **Hanna, M. A., Co., The, Agent, Leader Bldg., Cleveland, O. (Operator)**
 (The Eastern Steamship Co.) (Owner)

Str. Joseph WoodCapt. William J. LaneEngr. A. C. Barnes
 (LaBelle Steamship Co.) (Owner)

Str. La BelleCapt. G. C. HibbardEngr. R. V. Shinsky
 (The Producers Steamship Co.) (Owner)

Str. Carle C. Conway

(nee R. L. Agassiz) Capt. George LevisEngr. H. A. Clark
 Str. George R. FinkCapt. A. H. HartmanEngr. John Watt
 Str. Albert E. HeekinCapt. J. M. BrinesEngr. Alex Farquhar
 Str. L. W. HillCapt. G. D. TulianEngr. A. M. Robertson
 Str. Edmund W. MudgeCapt. F. A. ColsonEngr. F. J. Autterson
 Str. David M. WeirCapt. M. M. StewartEngr. S. E. Atkinson

Str. John C. Williams.....Capt. Samuel Sexsmith.....Engr. R. M. Akerley
(The Virginia Steamship Co.) (Owner)

Str. W. D. CrawfordCapt. W. R. MaitlandEngr. J. D. Summerville

130 Harrigan Tug Line, The, Port Dalhousie, Ont. (Operator)
(John J. Harrigan) (Owner)
(No appointments made)

Tug J. R. BinningsCapt.Engr.

Tug EscortCapt.Engr.

Tug EthelCapt.Engr.

Tug Joe Goodwin.....Capt.Engr.

Tug Martin H.Capt.Engr.

131 Harris, Geo. P., Ltd., Ottawa, Ont. (Operator)
(Empress Navigation Co. Ltd., 80 Elgin St., Ottawa) (Owner)

Str. Empress(Not in operation)

132 Harrison, John, & Sons Co. Ltd., 1417 Second Ave. W., Owen Sound, Ont.
(Owner and Operator)

Tug HarrisonCapt. F. J. WaughEngr. Geo. Robinson

Tug PinolaCapt. Andrew EllisEngr.

Lighter MichiganCapt. Roy McGregorEngr. Bert Morrison

133 Henning, A., Pt. Burwell, Ont. (Owner and Operator)

Tug Brown BrothersCapt. A. HenningEngr. M. Bates

134 Hinckley, A. S., Oswego, N. Y. (Owner and Operator)

Str. HinckleyCapt.Engr.

Str. Isabella H.Capt.Engr.

Str. PentlandCapt.Engr.

Tug NightingaleCapt.Engr.

Bge. F. A. GeorgerCapt.Engr.

135 Hintze, Fred, 2814 North Maplewood Ave., Chicago, Ill.
(Owner and Operator)

Str. North ShoreCapt. HintzeEngr. W. O. Engard

136 Holmes, W. W., Redwood, N. Y. (Owner and Operator)

Str. RiversideCapt.Engr.

Home Sand & Coal Co. (See Fleet No. 179)

137 Homegardner Sand Co., Box 627, Sandusky, O. (Owner and Operator)

Str. Mary H.Capt. Walter Drickhammer..Engr. Pete Peterson

138 Huffman, R. C., Construction Co., Terminal Tower, Cleveland, O.
(Owner and Operator)

Tug Little HeronCapt. D. CodyEngr. H. Powell

Tug MonitorCapt. T. LegaultEngr. J. Kennedy

Dge. CapitolCapt. F. TroupEngr. L. Lake

Dge. DudleyCapt. H. KirkwoodEngr. W. Lange

Bge. 27(No appointments made)

Bge. 29(No appointments made)

139 Huntsville Lake of Bays & Lake Simcoe Nav. Co. Ltd., Huntsville, Ont.
(Owner and Operator)

(These steamers are operated only in inland lakes, Muskoka District)

Str. AlgonquinCapt. Robt. J. ParsonsEngr. John T. Smith

Str. BigwinCapt. Dan MayEngr. S. White

Str. Iroquois Capt. W. F. Robinson Engr. W. G. Murray
 Str. Mohawk Belle (No appointments made)
 Str. Ramona (No appointments made)

140 Huron Contracting Co., Alpena, Mich. (Owner and Operator)

Tug Charlotte Capt. Engr.

Huron Steamships Ltd. (See Fleet No. 279)

141 Huron Transportation Co., 1325 Ford Bldg., Detroit, Mich.

(Owner and Operator) P. H. Townsend, Port Captain

Str. John W. Boardman Capt. Engr. James W. Oliver
 Str. S. T. Crapo Capt. Donald McLachlan Engr. Chas. Fritz
 Str. Samuel Mitchell Capt. Engr. Martin Mitchell

142 Hutchinson & Co., 1508 Rockefeller Bldg., Cleveland, O. (Operator)

(Inland Steamship Co.) Anton Rud, Fleet Engineer

Str. Joseph Block Capt. A. A. Clarke Engr. Frank Lang
 Str. L. E. Block Capt. Jos. Matthews Engr. W. B. Rowe
 Str. N. F. Leopold Capt. F. A. Tomlin Engr. Edwin L. Espeland
 (Pioneer Steamship Co.) (Owner)

(No definite appointments will be made for 1934)

Str. Amazon Capt. Engr.
 Str. A. A. Augustus Capt. Engr.
 Str. Frank Billings Capt. Engr.
 Str. Philip D. Block Capt. Engr.
 Str. Joseph G. Butler, Jr. Capt. Engr.
 Str. W. D. Calverley, Jr. Capt. Engr.

Str. B. B. Coolidge Capt. Engr.
 Str. James E. Ferris Capt. Engr.
 Str. Charles L. Hutchinson, Capt. Engr.
 Str. W. H. McGean Capt. Engr.
 Str. Price McKinney Capt. Engr.
 Str. John S. Manuel Capt. Engr.
 Str. Martin Mullen Capt. Engr.
 Str. William A. Paine Capt. Engr.
 Str. John Stanton Capt. Engr.
 Str. J. J. Sullivan Capt. Engr.
 Str. David P. Thompson Capt. Engr.
 Str. G. A. Tomlinson Capt. Engr.
 Str. James P. Walsh Capt. Engr.

143 Imperial Oil Limited, Imperial Oil Bldg., Toronto 2, Ont.

(Owner and Operator)

H. J. Rahldes, Manager

Str. Acadialite Capt. J. E. Jenkins Engr. G. Vollick
 Str. Imperoyal Capt. R. Laing Engr. R. D. Knox
 Str. Iocolite Capt. R. Knight Engr. F. Pringle
 Str. Ottawalite Capt. F. C. Smith Engr. W. G. Sinclair
 Str. Rideaulite Capt. E. Davies Engr. S. Slauenwhite
 Str. Royalite Capt. J. Vickers Engr. J. J. Holler
 Str. Sarnolite Capt. O. D. Williamson Engr. S. H. Phillips
 Str. Simcolite Capt. H. Davidson Engr. J. Bulmer
 Str. Talaralite Capt. W. J. MacDonald Engr. W. O. Wambeck

Str. Windsolite Capt. C. R. Dyon Engr. W. R. Oakes
Independent Steamship Co., The (See Fleet No. 306)
India Navigation Co., The (See Fleet No. 31)

144 **Inland Lines Ltd., Grain Exchange, Winnipeg, Man. (Owner and Operator)**
 Str. Damia Capt. M. W. Kenney Engr. Frank Collier
 Str. Saracen Capt. Angus Mackay Engr. J. E. Drake
Inland Steamship Co. (See Fleet No. 142)

145 **Inland Waters Navigation Co. Ltd., Dominion Square Bldg., Montreal, Que. (Owner and Operator)**
 Str. Turret Cape Capt. Engr.
Interlake Steamship Co. (See Fleet No. 245)

146 **International Harvester Co., 606 So. Michigan Ave., Chicago, Ill. (Owner and Operator) H. F. Hughes, Asst. Manager**
 Str. The Harvester Capt. J. B. Routhier Engr. J. L. Young
 Str. Wm. H. Warner Capt. Wells W. Eger Engr. E. T. Everill

147 **International Transit Co., Sault St. Marie, Ont. (Operator and Owner)**
 P. Martin, Port Captain
 M. S. Agoming Capt. M. Griffith Engr. F. Howson
 J. B. Rintoul J. Howson

148 **International Waterways Navigation Co. Ltd., 635 Common St., Montreal, Que. (Owner and Operator)**
 Str. Canadian Squatter Capt. Engr.
 Bge. Turret Cape (Appointments not made)
Inter Ocean Steamship Co. (See Fleet 306)

149 **Interstate Steamship Co., 815 Rockefeller Bldg., Cleveland, O. (Owner and Operator)**
 R. W. England, Marine Manager; C. A. Williams, Lake Traffic Manager
 Str. B. F. Jones Capt. L. J. Dufenhorst Engr. C. H. Cosnett
 Str. Willis L. King Capt. F. N. Watts Engr. George Grunthaner
 Str. James Laughlin Capt. George W. Swails Engr. James Pearson
 Str. Thomas Walters Capt. M. G. Allen Engr. C. L. Irish
Iroquois Steamship Co. (See Fleet No. 28)
Island Transportation Co. (See Fleet No. 156)
Jack Steamship Corp. (See Fleet No. 204)

150 **Janin, A., & Co. Ltd., 1460 Sherbrooke W., Montreal, Que. (Owner and Operator) E. Normand, Engineer in Charge**
 Tug A. E. Gibson Capt. David Dufour Engr. Not appointed

151 **Jenkins Steamship Co., 308 Euclid Ave., Cleveland (Owner and Operator)**
 Str. Wm. F. Fitch Capt. Engr.
 Str. Chas. O. Jenkins Capt. Engr.
 Str. Sir Thos. Shaughnessy Capt. Engr.
 Str. F. B. Squire Capt. Engr.
 Str. Watt Capt. Engr.

152 **Jex Service Co. Inc., 1735 Summit St., Toledo, O. (Owner and Operator)**
 Str. James H. Prentice Bge. Genoa Derrick Scow Chinook
 Tug Cora A. Sheldon Bge. Iron Cliff Derrick Scow Handy Boy

153 Johnston Gravel Co. Ltd., Tom, Grand Haven, Mich. (Owner and Operator)
Tom Johnston, Manager

Tug SenneiceCapt. Wm. NoantagEngr. Wm. Heinz
Tug GeneralCapt. D. A. McDonaldEngr. Ralph Van Joll

Jones Navigation Co. (See Fleet No. 22)

153A Journeys Inc., Room 202, 333 N. Michigan Ave., Chicago (Operator)
John Hope Clark, Operating Manager

Str. AlabamaCapt. John Hope ClarkEngr. August E. Suckow

154 K. H. Navigation Co., 7741 N. Marshfield, Chicago, Ill. (Owner)
J. Kolf, President.

Str. MargaretCapt. Ava SmithEngr. Arthur Irwin

155 Keenan Brothers Ltd., Owen Sound, Ont. (Owner and Operator)

Tug KeenanCapt.Engr.

Tug WahnapiatakCapt.Engr.

Bge. Dan Proctor(No appointments made)

156 Keightley, James F., and Joseph Fitzpatrick, St. Ignace, Mich. (Operator)
(Island Transportation Co.) (Owner)

James F. Keightley, Port Captain and Superintendent

Str. AlgolahCapt. Wm. ScheplerEngr. John Lowery

157 Kelley Island Lime & Transport Co., Sandusky, O. (Owner and Operator)
John P. Semon, Fleet Engineer

Str. HydroCapt. Irving OhlemacherEngr. Ben Sprau

Str. Kelley IslandCapt. J. C. IngwersenEngr. N. A. Proulx

Str. John M. McKercheyCapt. E. B. SenorEngr. Edw. Hurlburt

158 Keystone Fish Co., Erie, Pa. (Owner and Operator)

Tug AtlasCapt.Engr.

Tug JupiterCapt.Engr.

Tug LesterkCapt.Engr.

Tug NiagaraCapt.Engr.

Tug UranusCapt. C. BolesEngr. T. Lanigan

Tug VenusCapt.Engr.

159 Keystone Transport Ltd., 419 Power Bldg., Montreal, Que.
(Owner and Operator)

L. Beaupre, Marine Supt.

Str. KeybarCapt. W. V. SmithEngr. R. Garrick

Str. KeybellCapt. W. A. DavisEngr. R. J. Muchmore

Str. KeynorCapt. G. BrownEngr. Jas. Boak

Str. KeyportCapt. E. AndersonEngr. L. Nordnes

Str. KeystateCapt. E. J. SmithEngr. D. Annand

Str. KeyviveCapt. S. G. WilliamsonEngr. G. Baker

Str. KeywestCapt. L. MahaneyEngr. A. Horton

160 Kilmer, Gibson & Van Nostrand, Ltd., Fleet St., Toronto, Ont.
(Owner and Operator)

Tug Erl KingCapt.Engr.

King Steamship Corp. (See Fleet No. 204)

161 Kinney Steamship Co., 1523 Rockefeller Bldg., Cleveland, O.
(Owner and Operator)

(No appointments made)

Str. J. S. AshleyCapt.Engr.

Str. R. L. IrelandCapt.Engr.
 Str. A. T. KinneyCapt.Engr.
 Str. A. S. UpsonCapt.Engr.
 Str. Robert B. WallaceCapt.Engr.

Kinsman Transit Co. (See Fleet No. 296)
 The Kishman Fish Co. (See Fleet No. 186)
 Klein, Carl (See Fleet No. 102)

162 Koenig Transportation Co., 1480 Gratiot, Detroit, Mich.
 (Owner and Operator) Geo. J. Fredericks, Port Captain
 Str. Peter KoenigCapt.Engr.

163 Koibe Fisheries Co., Erie, Pa. (Owner and Operator)
 M. L. Tucker, Manager

Tug Charles L.Capt. D. J. ReganEngr. Wm. Michels
 Tug IsabellCapt. J. FergusonEngr. B. Sheifler
 Tug SeabirdCapt. J. J. FickelsEngr. Wm. Kramer

164 Kuhlman Builders Supply & Brick Co., 1428 Nicholas Bldg., Toledo, O.
 (Owner and Operator) E. H. Kuhlman, Port Engineer
 Str. T. B. S.Capt.Engr.

La Belle Steamship Co. (See Fleet No. 129)

165 La Cie de Traverse Valleyfield-Coteau DuLac, Ltd., Valleyfield, Que.
 (Owner and Operator)

Str. BeauharnoisCapt. Ernest LefevreEngr. Georges Houde
 Lake Chelan Steamship Co. (See Fleet No. 22)
 Lake Erie Coal Co. Ltd. (See Fleet No. 166)

166 Lake Erie Navigation Co., Walkerville, Ont. (Operator)
 (Lake Erie Coal Co. Ltd., Walkerville, Ont.) (Owner)
 L. H. Kent, Chief Marine Engineer, Ludington, Mich.
 Str. Alexander LeslieCapt. James GunnEngr. David Brown

167 Lake Ports Shipping & Navigation Co., 1792 National Bank Bldg., Detroit, Mich.
 (Andrew H. Green Jr.) (Owner and Operator)

Str. Henry CortCapt. Chas. U. CoxEngr. August Britz

168 Lake Sand Corp., 228 No. LeSalle St., Chicago, Ill. (Owner and Operator)
 Wm. Hausler, Port Captain; C. C. DePew, Manager

Str. GilbertCapt. L. A. Gallagher Engr. Frank Benash

169 Lake Tankers Corporation, 41 Broad St., New York, N. Y. (Owner and Operator)
 T. G. Walker, Superintendent, 80 Broad St., New York, N. Y.

M. S. Martha E. AllenCapt. Oscar LaneEngr. F. G. Lampe

170 Lakes & St. Lawrence Navigation Co. Ltd., Cardinal, Ont.
 (Owner and Operator)

Str. CascoCapt. W. J. MillsEngr. S. E. Moore
 Lakewood Steamship Co., The (See Fleet No. 322)

Langwell Transportation Co. (See Fleet No. 201)

171 Levis Ferry Co. Ltd., Champlain Market, Quebec, Canada
 (Owner and Operator)

J. L. Roberge, General Manager

Str. BienvilleCapt.Engr.

Str. Cite de Levis ... (Used in winter navigation)

Str. Cite de Quebec(Used in winter navigation)

Str. ColbertCapt.Engr.

Str. Colomb(Used in winter navigation)

Str. Plessis(Used in winter navigation)

172 **Lorain Washed Sand Co., The, Lorain, O. (Owner and Operator)**

Bge. Alvah S. Chisholm.....(Appointments not made)

173 **MacAulay, Brock, South Hampton, Ont. (Owner and Operator)**

Tug Douglas M.Capt. Dan MathesonEngr. Fred Longe

Tug J. B. McLeodCapt.Engr.

174 **MacDonald, Capt. Alex, 71 West 3rd St., Oswego, N. Y. (Owner and Operator)**

Str. Louis PahlowCapt.Engr.

175 **MacDonald Co., Randolph, Bay St., Toronto, Ont. (Owner and Operator)**

Tug GrosbeakCapt.Engr.

Tug ReginaldCapt. Chas. MalcolmEngr. H. M. McElroy

Tug StrathbungoCapt. P. J. ShawEngr. K. W. White

176 **Mackinac Transportation Co., St. Ignace, Mich. (Operator)**
 (Mackinac Transportation Co., Detroit, Mich) (Owner)
 J. A. Stufflebeam, Port Captain

C. F. Chief WawatanCapt. J. A. StufflebeamEngr. J. T. Goulding

C. F. Sainte MarieCapt. F. G. RyerseEngr. Howard Sherman

177 **Madden, George J., 329 Main St., Ogdensburg, N. Y. (Operator)**
 (Madden Coal Corp.) (Owner)

Str. Joseph W. Simpson.....Capt. Fred GamacheEngr. H. M. Burton

Madden Coal Corp. (See Fleet No. 177)

Mahoning Steamship Co. (See Fleet No. 18)

178 **Maid of the Mist Steamboat Co. Ltd., Niagara Falls, Ont.**
 (Owner and Operator)
 W. H. Cookman, Port Captain

Str. Maid of the Mist No. 1Capt. John WoodEngr. Sylvester McGrath

Str. Maid of the Mist No. 2Capt. John WoodEngr. Sylvester McGrath

179 **Maley, Edwin F., Sandusky, O. (Owner and Operator)**

Gas. Judge DayCapt. Edwin F. MaleyEngr.

 (Home Sand & Coal Co., Fremont, O.) (Owner)

M. S. RelianceCapt.Engr. Lee Wier

180 **Manseau Shipyards Ltd., Sorel, Que. (Owner and Operator)**
 J. E. Senecal, P. A. : J. Ed. Simard, Managing Director ; Eugene Gendron, Supt.

Motor Tug DickCapt. Jos Paul

Motor Tug George F. McKeeCapt. G. DuSablouEngr. Albert Dumas

Motor Tug King of Norway..Capt. V. LaForest

Tug BelleCapt. Nap. MongeauEngr. Felix St. Martin

Tug Earl BessCapt. Alp. BoninEngr. Leon Salvail

Tug Capitaine SimardCapt. Jos. MongeauEngr. M. Fiset

Tug DramisCapt. Donat BeaudetEngr. Oscar Mandville

Tug Franklin C.Capt. J. DescheneEngr. Adelard Lesperance

Tug HullmanCapt. P. PicardEngr. A. Demers

Tug LauretteCapt. C. LafreniereEngr. A. Carpentier

Tug Madeleine A.Capt. A. PeloquinEngr. G. Hamelin

Tug OsborneCapt. Geo. ManseauEngr. Eugene Boucher

Tug Robert E.Capt. J. BoilyEngr. B. Cournoyer

Tug Sarah B.Capt. Jos. RobergeEngr. Omer Croteau

Dge. B.S.L. No. 1Capt. Jos. TremblayEngr. Not appointed
 Dge. Baie St. Paul.....Capt. P. PaulEngr. Not appointed
 Dge. BruxellesCapt. J. BaronEngr. J. A. Demers
 Dge. Manseau 101Capt. E. GallantEngr. J. Cotnoir
 Dge. Manseau 103Capt. F. CollwellEngr. P. Beaulac
 Dge. Manseau 105Capt. G. WrightmanEngr. P. Paul
 Dge. Manseau 107Capt. P. BletteEngr. Jos. Paul

Maplebay Steamship Co. (See Fleet No. 311)

181 **Maple Leaf Milling Co. Ltd., Port Colborne, Ont. (Owner and Operator)**
 Str. BenmapleCapt. F. R. JohnsonEngr. H. W. Fletcher

182 **Marine Iron & Shipbuilding Co., Duluth, Minn. (Owner and Operator)**
 John Geistman, Port Engineer

Tug John AbernathyCapt. Oscar AbrahamsonEngr.
 Tug BlancheCapt. Norman SkafteEngr.
 Tug Ellen D.Capt. N. PetersonEngr.
 Tug Elsie Nell(Not in commission)
 Tug FashionCapt. Wm. McLeanEngr.
 Tug MarjorieCapt. David BergEngr.
 Tug West NebishCapt. Wm. EvansEngr.

183 **Marinette Transit Co., 1118 Stanton St., Marinette, Wis. (Owner and Operator)**

Thomas E. Finn, Managing Owner

Str. Sidney O. NeffCapt. Jas O. MalrnikEngr. Fred Zetiner
 Str. Pere Marquette No. 6.....Capt.Engr.

184 **Marquette & Bessemer Dock & Navigation Co., Walkerville, Ont.**
 (Owner and Operator)

L. H. Kent, Marine Supt., Ludington, Mich.

Str. Marquette & Bessemer No. 1 (Not in operation)
 C. F. Marquette & Bessemer No. 2 (Not in operation)

185 **Masaba Steamship Co., Sellwood Bldg., Duluth, Minn. (Owner and Operator)**

R. M. Sellwood, Manager

Str. Joe S. MorrowCapt.Engr.

186 **Mattison, C. A., Vermilion, O. (Operator)**
 (The Kishman Fish Co.) (Owner)

Tug Edward K.Capt. C. A. MattisonEngr. E. Thompson
 Tug Lester K.Capt. Otto TullEngr.
 Tug Mary F.Capt. Fred MartinecEngr.

187 **Matton, John E., & Son, Inc., Waterford, N. Y. (Owner and Operator)**

Tug H. A. MeldrumCapt. U. H. FontaineEngr. W. J. Garnett

Maytham Steamship Co., The (See Fleet No. 31)

188 **McCull-Frontenac Oil Co. Ltd., 114 Don Esplanade, Toronto, Ont. (Operator)**

(S. S. Cyclo Chief Ltd., Montreal) (Owner)

Str. Cyclo-ChiefCapt. A. H. FooteEngr. W. P. McMullen
 (S. S. Cyclo Warrior Ltd., Montreal) (Owner)

Str. Cyclo-WarriorCapt. H. F. HalifaxEngr. C. G. Myatt
 (S. S. John Irwin Ltd., Montreal) (Owner)

Str. John IrwinCapt. I. L. MateerEngr. J. M. Kettles

189 McConville, Arthur F., Ogdensburg, N. Y. (Owner and Operator)
 Bge. New DominionCapt.Engr.

190 McFadden, J. J., Ltd., Spragge, Ont. (Owner and Operator)
 Tug John R. Stover(Not in commission)

191 McKee & McKeown, Port Maitland, Ont. (Owner)
 Tug Maitland RoseCapt. M. McKeownEngr. John McKe

192 McLean & Sons, A. B., 122 Spring St., Sault Ste. Marie, Ont.
 (Owner and Operator) R. A. McLean, Port Engineer
 Tug Jas. Baxter Jr.Capt. Wm. BennettEngr. Wm. Beron
 Tug SpraggeCapt. Angus MathesonEngr. F. McLean
 Tug Walter WymanCapt. Lyle ShipmanEngr. Jas. McGill
 Bge. NadineCapt. Sam Rivers

Derrick Scow No. 3Capt.Engr. A. Beron
 Derrick Scow No. 4Capt.Engr. F. Gondrev

193 McLouth Steamship Co., The, Marine City, Mich. (Owner and Operator)
 Peirce McLouth, President; Guy H. Taylor, Port Captain
 Str. KalkaskaCapt. James E. CottrellEngr. Wm. Enright

194 Meagher, W. J., Bay City, Mich. (Owner and Operator)
 Tug TipperaryCapt. W. J. MeagherEngr.

195 Merchants Lighterage Co., 211 E. North Water St., Chicago, Ill.
 (Owner and Operator)
 R. L. Tardif, General Manager
 Str. CommerceCapt. P. LeFevreEngr. Jas. Weeb
 Str. IndustryCapt. R. D. MyersEngr. Wm. Dorrell

196 Merritt-Chapman & Whitney Corp., 907 Atworth Bldg., Duluth, Minn.
 (Owner and Operator)
 Tug Patty NolanCapt. P. HerubinEngr.
 Tug William A. WhitneyCapt. S. T. BossEngr. J. Moorhouse
 Derrick Scow The ClydeCapt. Ed. WickstrumEngr.
 Derrick Scow LimitCapt. Ed. C. AndersonEngr.
 Derrick Scow No. 4(Not assigned)

197 Michigan Limestone & Chemical Co., Rogers City, Mich.
 (Owner and Operator)
 Tug CentralCapt. John S. PurdyEngr. A. P. Boehmer
 Tug Frederick T. KellersCapt. H. E. CookEngr. Frank Weisnewski
 Tug Rogers CityCapt. Walter PeplerEngr. Frank Lamp
 E. G. Newhouse
 Thad Kneale
 Michigan State Ferry (See Fleet No. 198)

198 Michigan State Highway Dept., Lansing, Mich. (Owner)
 (Michigan State Ferry, St. Ignace, Mich.) (Operator)
 M. D. Van Wagoner, Commissioner; Capt. E. H. Doner, Superintendent
 C. F. Mackinaw CityCapt. Murry G. McIntoshEngr. Ivo Coveyou
 C. F. Sainte IgnaceCapt. S. M. FreyEngr. Luke Manion
 C. F. Straits of Mackinac ..Capt. George F. LoughlinEngr. M. F. Madden
 Michigan Steamship Co. (See Fleet No. 306)

199 Midland Steamship Line Inc., 2101 Terminal Tower, Cleveland, O.
 (Owner and Operator)
 Str. Edward N. Saunders Capt. A. A. MorrisomEngr. George W. Kroening
 Jr. (nee W. H. Becker)

Str. Michael GallagherCapt. D. M. PostEngr. John W. Long
 Str. W. G. PollockCapt. E. H. BennettEngr. Thomas Reilly
 Str. Hazen ButlerCapt. William LangellEngr. Alex M. Houston
 (nee Frank Seither)
 Str. J. H. MacoubreyCapt. E. W. MayEngr. C. J. Dickey
 (nea J. A. Donaldson)
 Str. Carmi A. ThompsonCapt. R. J. NevilleEngr. Thos. E. Sheridan

Midland Steamships Ltd. (See Fleet No. 122)

200 Mid-West Transportation Co., Bay City, Mich. (Owner and Operator)
 Str. AetnaCapt. W. U. RandallEngr. Frank Paul
 Str. E. M. BunceCapt. Jos. H. DupuieEngr. Thos. Laberdee
 Str. O. J. LingemanCapt. Wm. RinnEngr. A. G. Olmsted

201 Millard, Capt. C. E., Sarnia, Ont. (Operator)
 (Langwell Transportation Co.) (Owner)
 Str. Simon Langell(Not in commission)

202 Milwaukee, City of, Fire Department, Milwaukee, Wis. (Operator)
 (City of Milwaukee) (Owner) Peter Steinkellner, Chief Fire Department
 Fireboat M. F. D. No. 15.....Capt. Max EtzelEngr. R. Schneiderwind
 Fireboat M. F. D. No. 29.....Capt. Harold EllingsenEngr. Paul Knippel
 Fireboat TorrentCapt. Edw. DixonEngr. Geo. Driscoll

203 Milwaukee Tug Boat Line, 98 Ferry St., Milwaukee, Wis. (Owner and Operator)
 Tug W. H. MeyerCapt.Engr.
 Tug Conrad StarkeCapt.Engr.
 Tug WelcomeCapt.Engr.

304 Minnesota-Atlantic Transit Co., 4461 W. Jefferson Ave., Detroit, Mich.
 (Operator) H. T. Hoopes, V. P. & G. M.; W. A. Young, Asst. Mgr.

(Ace Steamship Corp.) (Owner)
 Str. AceCapt. J. E. McDonaldEngr. Fred W. Urban
 (Jack Steamship Corp.) (Owner)
 Str. JackCapt. Gustav EgeEngr. C. M. Ryan
 (King Steamship Corp.) (Owner)
 Str. KingCapt. J. C. HeaneyEngr. Stanley F. Burns
 (Queen Steamship Corp.) (Owner)
 Str. QueenCapt. Thomas CollinsEngr. Milo Ballou
 (Ten Steamship Corp.) (Owner)
 Str. TenCapt. Louis GuyetteEngr. Warren Cadwell

205 Montcalm Towing Co. Ltd., Quebec, Canada (Owner and Operator)

Tug BrantCapt. J. FournierEngr. O. Fournier
 Tug Hope(Not in operation)
 Tug Jack(Not in operation)
 Tug Nora M.Capt. DucheneEngr. J. Michand
 (nee T. H. C. No. 3)
 Tug Poam(Not in operation)
 Tug Storm KingCapt. Wm. AllisonEngr. Omer Baudreault

206 Montreal & Cornwall Navigation Co. Ltd., Pitts St. Wharf, Cornwall, Ont.
 (Owner and Operator) Arnold N. Smith, M. P., Port Captain

Str. BritannicCapt. O. LefevreEngr. Lucien Fugere
 Str. ScotsmanCapt.Engr.

207 Montreal Harbor Commissioners, Montreal, Que. (Owner and Operator)
 Capt. J. F. Symons, Harbor Master; G. B. Hearle, Superintendent of Fleet
 Tug AberdeenCapt.Engr.
 Tug Sir Hugh AllanCapt.Engr.
 Tug Robert McKayCapt.Engr.
 Tug PassepartoutCapt.Engr.
 Tug St. PeterCapt.Engr.
 Tug John YoungCapt.Engr.
 Barge EthelCapt.Engr.

208 Morecraft Transportation Co., 2 Produce Exchange Bldg., New York, N. Y.
 (Owner and Operator)
 Tug Paoli Capt.Engr.
 Tug TaylorCapt.Engr.
 Tug TritonCapt.Engr.
 Sch. Dustin G. CressyCapt.Engr.
 Sch. Bessie M. DustinCapt.Engr.
 Sch. Eastern StarCapt.Engr.
 Barkentine H. W. Brown.....Capt.Engr.

209 Morgan Transportation Co., Traverse City, Mich. (Owner and Operator)
 Str. Mary EthelCapt. L. H. JansenEngr. O. R. Zutel
 Morrow Steamship Co., The (See Fleet No. 322)

210 Morton Salt Co., 208 West Washington St., Chicago, Ill. (Owner and Operator)
 Robert K. Warren, Manager
 Str. CovaltCapt. F. O. JohnsonEngr. Harold Stokke

211 Motorship Transit Co., 801 Main St., Green Bay, Wis. (Owner)
 M. S. OrmidaleCapt.Engr.
 212 Mullen Transit Co., 31 Atwater St., Detroit, Mich. (Owner and Operator)
 Str. AlaskaCapt.Engr.
 Str. John MullenCapt.Engr.
 213 Murphy, A. A., 72 Michigan Ave., Buffalo, N. Y. (Owner and Operator)
 Tug D. T. HelmCapt.Engr.

214 National Motorship Corp., 17 Battery Place, New York, N. Y.
 (Owner and Operator)
 M. S. Cleveland Capt.Engr.
 M. S. Detroit Capt.Engr.

215 National Sand & Material Co., Toronto, Ont. (Owner and Operator)
 Str. Baxter DickCapt. H. A. TuftEngr. Z. Simpson
 Str. Charles DickCapt. T. G. WretonEngr. D. Rallus
 Str. O'Connor DickCapt.Engr.
 Str. Sand MerchantCapt. W. ShieldsEngr. J. Thompson
 Tug Glide Capt.Engr.
 Bge. Lakegravel Capt.Engr.
 Roy K. Russell (Oil Tanker) Capt.Engr.

National Steamship Co. (See Fleet No. 306)
 216 Nessen Transportation Co., 333 N. Michigan Ave., Chicago, Ill.
 (Owner and Operator)
 Str. GlenCapt. Gust GundersonEngr. Walter Shipper
 Str. SwiftCapt. Hans HansenEngr. John Johnson

- 217 Neuman, Capt. John P., Sandusky, Ohio (Owner and Operator)
 Str. Diesel Mascot Capt. J. H. FrederickEngr. Wm. Cane
 Str. Diesel MessengerCapt. Harold NeumanEngr. Wm. Good
- 218 Newaygo Timber Co., Port Arthur, Ont. (Owner and Operator)
 H. S. Mosher, Business Manager
 Tug Pucksaw Capt. A. H. HarpellEngr.
- 219 Newaygo Tug Line Inc., Port Arthur, Ont. (Operator)
 (Newaygo Tug Line Inc., Wisconsin Rapids, Wis.) (Owner)
 H. S. Mosher, Business Manager
 Str. George W. MeadCapt. T. R. MillerEngr.
 Tug Butterfield Capt. Thomas MackieEngr.
- 220 New York-Ontario Ferries Inc., Ft. W. Ferry St., Buffalo, N. Y.
 (Owner and Operator)
 J. Homan Pardee, President; Paul Roberts, Manager
 Str. BedellCapt.Engr.
 Str. ChicoraCapt.Engr.
- 221 Niagara, St. Catherines & Toronto Nav. Co. Ltd., St. Catherines, Ont. (Operator)
 (Canadian Government Railways, "Canadian National Railways") (Owner)
 J. R. Empringham, Supt.
 Str. NorthumberlandCapt. Geo. WilsonEngr. William Stewart
 (Dalhousie Navigation Co., "Canadian National Railways") (Owner)
 Str. Dalhousie CityCapt. George G. ChildsEngr. Robert Blair
- 222 Nicholson, Wm., Foot Great Lakes Ave., Ecorse, Mich. (Operator)
 (Nicholson Transit Co., River Rouge, Mich.) (Owner)
 Str. FellowcraftCapt. Jas. A. PattersonEngr. Chester Nicholson
 Str. F. E. HarveyCapt.Engr.
 Str. E. C. PopeCapt. W. L. McDougallEngr. Roy Walker
 M. S. Liberty Capt. Walter NealEngr. Herb Martin
 Tug MonarchCapt. Wm. Farley
 Nicholson Transit Co. (See Fleet No. 222)
- 223 Nicholson-Universal Steamship Co., 1465 W. Jefferson Ave., Detroit, Mich.
 (Owner and Operator)
 F. L. Hewitt, President; P. G. Findlay, V. P. and Gen. Mgr.
 O. W. Benham, Gen. Operating Mgr.
 Str. CoraliaCapt. Emory MossmanEngr.
 Str. Crescent CityCapt. TobinEngr.
 Str. PenobscotCapt.Engr.
 Str. J. T. Reid(Not in commission)
 Str. Sonoma(Not in commission)
 Str. SonoraCapt.Engr.
 Str. SultanaCapt.Engr.
 Str. Graham C. Woodruff.....Capt.Engr.
- 224 North West Transportation Corp., Midland, Ont. (Operator)
 (Great Lakes Transit Corp. Ltd.) (Owner)
 Str. SuperiorCapt.Engr.
- 225 Northwestern Co., Sturgeon Bay, Wis. (Owner and Operator)
 Str. Fred W. GreenCapt. John RoenEngr. Henry Isaaksen

226	Northwestern Dredging Co., Sturgeon Bay, Wis. (Owner and Operator)		
Tug	Fred C. Greiling	Capt.	Engr.
	Oakbay Steamship Co. Ltd. (See Fleet No. 311)		
227	Oglebay-Norton Co., Hanna Bldg., Cleveland (Operator)		
	John T. Kelly, Manager (Columbia Transportation Co.) (Owner)		
	(Appointments not made)		
Str.	Joseph H. Franz	Capt.	Engr.
Str.	Harvey D. Goulder	Capt.	Engr.
Str.	Howard M. Hanna Jr.	Capt.	Engr.
Str.	C. Russell Hubbard	Capt.	Engr.
Str.	William Livingstone	Capt.	Engr.
Str.	Leonard B. Miller	Capt.	Engr.
Str.	David Z. Norton	Capt.	Engr.
Str.	W. C. Richardson	Capt.	Engr.
Str.	William F. Stifel	Capt.	Engr.
Str.	John A. Topping	Capt.	Engr.
228	O'Hagan, John T., Tonawanda, N. Y. (Operator)		
	(Bison Steamship Corp.) (Owner)		
Str.	John Gehm	Capt. Hugh O'Hagen	Engr. Clarence Hollenbeck
Str.	John J. O'Hagan	Capt. J. J. O'Hagan	Engr. Thos. P. Burke
229	Ohio, State of, Fish & Game Div., Put-in-Bay, O. (Operator)		
	(State of Ohio, Dept. of Agriculture) (Owner)		
Tug	Oliver H. Perry	(Not in commission)	
230	Ohio Tankers Inc., 1025 Guaranty Title Bldg., Cleveland, O.		
	(Owner and Operator)		
	C. D. Secord, Manager		
M. S. A. J.	Patmore	Capt. F. C. Premo	Engr. John Wagner
231	Ontario Car Ferry Co. Ltd., 1253-1 Simcoe St., Toronto, Ont.		
	(Owner and Operator)		
	R. B. Teakle, Manager		
C. F. Ontario No. 1	.....	Capt. S. H. McCaig	Engr. Chas. Morrison
C. F. Ontario No. 2	.....	Capt. C. E. Redfearn	Engr. A. McArthur
232	Ontario Construction Co., St. Catherines, Ont. (Owner and Operator)		
Tug	Nitchie	Capt.	Engr.
Tug	Prince Ray	Capt.	Engr.
Tug	Una	Capt.	Engr.
233	Ottawa, Department of Marine, Ottawa, Ont. (Owner and Operator)		
Str.	Argenteuil	Capt. T. W. Weir	Engr. Joseph Ranger
Str.	Belleschasse	Capt. Robert Marchand	Engr. Jules Lecours
Str.	Berthier	Capt. Daniel Beaudet	Engr. C. Mondor
Str.	Detector	Capt. Emile Frenette	Engr. Auguste Petit
Str.	Grenville	Capt. M. Barry	Engr. H. I. Myers
Str.	St. Heliers	Capt. Richard Smith	Engr. Chas. Randle
Str.	Safeguarder	Capt. H. Charbonneau	Engr. T. Chartier
Str.	Murray Stewart	Capt. Jos. Quellette	Engr. G. Smallwood
Str.	Vercheres	Capt. Albert Mondor	Engr. A. Goulet

234 Ottawa, Department of Public Works, Ottawa, Ont. (Owner and Operator)
 J. E. LaRochelle, Mechanical Superintendent
 Tug Hercules Capt. Norman Jackson Engr. William Henry Baker
 Tug Peel (Not in operation)
 Dredge P. W. D. No. 117 Engr. Master John Howell

235 Ottawa, Department of Railways & Canals, Ottawa, Ont.
 (Owner and Operator)
 Tug Batchawana Capt. G. Bridge Engr. G. E. Coe
 Tug W. A. Bowden Capt. C. Hart Engr. F. W. Moyle
 Tug Bessie Butler Capt. J. A. Johnson Engr. W. Gillman
 Tug Loretta Capt. E. Fleming Engr. O. Seguin

236 Ottawa Transportation Co. Ltd., Ottawa, Ont. (Owner and Operator)
 Str. Hall Capt. J. C. Barclay Engr. Jos. Legault
 Str. Wilfrid Laurier Capt. B. Ranger Engr. Albert Morinville
 Str. Denis Murphy Capt. Ed. Francoeur Engr. Henri Cossette
 Str. Ottawan Capt. W. Mainville Engr. Victor Lavigne
 Tug Dolphin Capt. Zenon Lavigne Engr. J. Fugere
 Tug Florence (Not in commission)
 Bge. J. R. Booth Capt.
 Bge. E. R. Bremmer Capt.
 Bge. G. A. Grier Capt.
 Bge. W. M. Dobell Capt.
 Bge. G. C. Edwards Capt.
 Bge. Edson Fitch Capt.
 Bge. W. K. Graftey Capt.

Bge. J. H. Redfern Capt.
 Bge. W. H. Rowly Capt.
 Bge. C. E. Russell Capt.
 Bge. W. M. Rutherford Capt.
 Bge. P. Whelan Capt.
 Bge. N. F. Wilson Capt.

237 Owen Sound Transportation Co. Ltd., 1001 Eleventh St. W., Owen Sound, Ont.
 (Owner and Operator)

Str. Manitoulin Capt. Norman McKay Engr. Wm. Owens
 M. S. Normac Capt. Engr. E. Robinson

Paisley Steamship Co., The J. A. (See Fleet No. 322)

238 Paquette, Adrien, Champlain, Que. (Owner and Operator)
 Str. Maisonneuve Capt. Adrian Paquette Engr. Joseph Vezina

239 Paterson Steamships Ltd., Fort William, Ont. (Owner and Operator)
 Port Captains, J. D. Montgomery, Pt. Colborne, Ont.; L. Buttler, Midland, Ont.

Str. Bricolcoe Capt. R. A. Cameron Engr. Simon Barr
 Str. Calgadoc Capt. F. Garrett Engr.
 Str. Canadoc Capt. J. N. Foote Engr. J. Nicoll
 Str. Cartierdoc Capt. E. W. Baker Engr. J. Myler
 Str. Coteaudoc Capt. A. Simpell Engr. A. Lameroux
 Str. Farrandoc Capt. C. Clark Engr. E. Featherstone
 Str. Fortwildoc (Not in operation)
 Str. Ganandoc Capt. J. Gendron Engr. R. F. Hicks
 Str. Hamildoc Capt. T. Jewitt Engr. A. Plant

Str. Kingdoc	.....	Capt. C. Courtemanche	.....	Engr. V. Irvine
Str. Lachinedoc	.....	Capt. W. Redfearn	.....	Engr. W. C. Nichol
Str. Lavaldoc	.....	Capt. W. Nicol	.....	Engr. W. T. Smith
Str. Lawrendoc	.....	Capt. W. McPherson	.....	Engr. W. Scott
Str. Mantadoc	.....	Capt. H. B. Hunt	.....	Engr. W. T. Rennie
Str. Mondoc	.....	Capt. W. Beatty	.....	Engr. P. Audette
Str. Newbrundoc	.....	Capt. E. Chapman	.....	Engr. T. Dryburgh
Str. Novadoc	.....	Capt. N. Johnson	.....	Engr. E. Lalonde
Str. Ontadoc	.....	Capt. ....	.....	Engr. H. W. Cross
Str. Prescodoc	.....	Capt. L. Legendre	.....	Engr. W. Fawcett
Str. Prindoc	.....	(Not in operation)	.....
Str. Quedoc	.....	(Not in operation)	.....
Str. Sarniadoc	.....	Capt. W. Boulton	.....	Engr. W. Colville
Str. Saskadoc	.....	Capt. R. J. Wilson	.....	Engr. J. Kennedy
Str. Soodoc	.....	(Not in operation)	.....
Str. Soreldoc	.....	Capt. W. Cunningham	.....	Engr. A. Chalmers
Str. Thordoc	.....	(Not in operation)	.....
Str. Torondoc	.....	Capt. K. LaRush	.....	Engr. W. P. Edwards
Str. Troisdoc	.....	Capt. N. Somers	.....	Engr. D. S. Crawford
Str. Vandoc	.....	(Not in operation)	.....
Str. Wellandoc	.....	Capt. J. B. Haymond	.....	Engr. P. Pratt
Str. Windoc	.....	(Not in operation)	.....

240 Peerless Cement Co., Free Press Bldg., Detroit, Mich. (Owner and Operator)

W. C. Russell, Manager

Tug Wm. M. Hatch	Capt. Wm. Atwood	Engr. John Wagner
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See Part 10 No. 1
See Part 10 No. 2

241 Pennsylvania-Ontario Transportation Co., 1006 Rockefeller Bldg., Cleveland, O. (Owner and Operator)

Str. Ashtabula	Capt. C. F. Meyers	Engr. S. M. Sylvester
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242 Pere Marquette Line Steamers, Manistee, Mich. (Owner and Operator)

J. M. Cleaveland, President and General Manager, Milwaukee
Capt. H. L. Sanders, Superintendent, Milwaukee

Str. Nevada	.....	Capt. A. K. Hoxie	.....	Engr. Jean Backie
Str. Virginia	.....	Capt. A. S. Coleman	.....	Engr. Geo. Simsky

243 Pere Marquette Railway Co., General Motors Bldg., Detroit, Mich. (Owner and Operator)

L. H. Kent, Supt. of Steamships

C. F. International	.....	Capt. ....	.....	Engr.
C. F. Pere Marquette 12	.....	Capt. Thos. A. Brown	.....	Engr. Charles Henry
C. F. Pere Marquette 14	.....	Capt. Elroy Fischer	.....	Engr. Charles Millet
C. F. Pere Marquette 15	.....	Capt. ....	.....	Engr.
C. F. Pere Marquette 17	.....	Capt. A. Altschwager	.....	Engr. Thos. Loy
C. F. Pere Parquette 18	.....	Capt. J. F. Johnson	.....	Engr. Jos. Koob
C. F. Pere Marquette 19	.....	Capt. ....	.....	Engr.
C. F. Pere Marquette 20	.....	Capt. ....	.....	Engr.
C. F. Pere Marquette 21	.....	Capt. Neil MacIsaac	.....	Engr. A. W. Ackerman
C. F. Pere Marquette 22	.....	Capt. W. H. Van Dyke	.....	Engr. Richard Langrill
C. F. City of Saginaw 31	.....	Capt. C. E. Robertson	.....	Engr. Henry Akesson
C. F. City of Flint 32	.....	Capt. Esten Bahle	.....	Engr. J. B. Conrad

244 Petoskey Transportation Co., Petoskey, Mich. (Owner and Operator)
 H. H. Lucas, Vice President
 Str. J. B. John Capt. F. P. Russell Engr. Ervin Wendorff

245 Pickands Mather & Co., Union Trust Bldg., Cleveland, O. (Operator)
 (Interlake Steamship Co.) (Owner)
 Thomas F. Zealand, Marine Superintendent; Charles E. Collins, Fleet Engineer

Str. Adriatic	.....Capt.	.....Engr.
Str. Arcturus	.....Capt.	.....Engr.
Str. Fayette Brown	.....Capt.	.....Engr.
Str. H. H. Brown	.....Capt.	.....Engr.
Str. Calumet	.....Capt.	.....Engr.
Str. J. A. Campbell	.....Capt.	.....Engr.
Str. Canopus	.....Capt.	.....Engr.
Str. Cetus	.....Capt.	.....Engr.
Str. E. A. S. Clarke	.....Capt.	.....Engr.
Str. Corvus	.....Capt.	.....Engr.
Str. Harry Coulby	.....Capt.	.....Engr.
Str. Crete	.....Capt.	.....Engr.
Str. H. W. Croft	.....Capt.	.....Engr.
Str. Cygnus	.....Capt.	.....Engr.
Str. Henry G. Dalton	.....Capt.	.....Engr.
Str. W. B. DavockCapt.Engr.
Str. ElbaCapt.Engr.
Str. HemlockCapt.Engr.
Str. Robert HobsonCapt.Engr.

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Str. Ellen Hoyt IICapt.Engr.
Str. Harry R. JonesCapt.Engr.
Str. JupiterCapt.Engr.
Str. Lagonda	.....Capt.	.....Engr.
Str. C. H. McCullough	.....Capt.	.....Engr.
Str. Wm. McLauchlan	.....Capt.	.....Engr.
Str. Samuel Mather	.....Capt.	.....Engr.
Str. D. O. Mills	.....Capt.	.....Engr.
Str. Jay C. Morse	.....Capt.	.....Engr.
Str. Neptune	.....Capt.	.....Engr.
Str. Odanah	.....Capt.	.....Engr.
Str. Pathfinder	.....Capt.	.....Engr.
Str. Pegasus	.....Capt.	.....Engr.
Str. Perseus	.....Capt.	.....Engr.
Str. Col. James Pickands	.....Capt.	.....Engr.
Str. James H. Reed	.....Capt.	.....Engr.
Str. C. S. Robinson	.....Capt.	.....Engr.
Str. Saturn	.....Capt.	.....Engr.
Str. Charles M. Schwab	.....Capt.	.....Engr.
Str. Joseph Sellwood	.....Capt.	.....Engr.
Str. John Sherwin	.....Capt.	.....Engr.
Str. Amasa Stone	.....Capt.	.....Engr.
Str. TaurusCapt.Engr.
Str. VegaCapt.Engr.
Str. VenusCapt.Engr.
Str. VeronaCapt.Engr.

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Str. Victory	Capt.	Engr.
Str. J. C. Wallace	Capt.	Engr.
Str. Augustus B. Wolvin	Capt.	Engr.
Str. Youngstown	Capt.	Engr.
246	Piepkorn, R. W., Alpena, Mich. (Owner and Operator)	
Tug Falcon	Capt.	Engr.
247	Pine Ridge Coal Co., 716 Fidelity Trust Bldg., Detroit, Mich. (Operator)	
	(Pine Ridge Transportation Co.) (Owner)	
	Neal Livingstone, Superintending Engineer	
Str. C. H. Green	Capt. T. W. Lawler	Engr. L. Pollock
Str. Chas. Heiden	Capt. C. W. Armentrout	Engr.
	Pinebay Steamship Co. Ltd. (See Fleet No. 311)	
	Pine Ridge Transportation Co. (See Fleet No. 247)	
	Pioneer Steamship Co. (See Fleet No. 142)	
248	Pittsburgh Coal Co. of Ohio Inc., 2300 Terminal Tower, Cleveland, O.	
	(Owner and Operator)	
	W. H. Palmer, General Manager; J. P. Doyle, Gen. Superintendent	
Str. W. G. Perry	(Not in operation)	
Str. Pittsburgh	Capt. Chris. A. Moore	Engr. Jos. R. Marshall
249	Pittsburgh Steamship Co., Rockefeller Bldg., Cleveland, O.	
	(Owner and Operator)	
	W. P. McElroy, Fleet Captain; J. F. Wood, Fleet Engineer	
Str. B. F. Affleck	Capt. Geo. Banker	Engr. Fred Thurman
Str. George F. Baker	Capt. G. B. McDonald	Engr. E. L. Moulton
Str. Clarence A. Black	Capt.	Engr.
Str. Eugene J. Buffington	Capt. E. Bernard	Engr. G. R. Emrey
Str. Robert W. E. Bunsen	Capt.	Engr.
Str. D. M. Clemson	Capt. Dan Murphy	Engr. W. G. Staley
Str. W. G. Clyde	Capt. F. D. Selee	Engr. Laland Haggan
Str. Thomas F. Cole	Capt. John McDonald	Engr. J. T. Schei
Str. Collins	Capt.	Engr.
Str. William E. Corey	Capt. A. C. Johnson	Engr. A. P. Truelson
Str. Cornell	Capt.	Engr.
Str. George G. Crawford	Capt. G. Bolhouse	Engr. W. C. McDougall
Str. William B. Dickson	Capt. Geo. Huckle	Engr. A. C. Lowe
Str. Alva C. Dinkey	Capt. John Rourke	Engr. E. H. Oehlenschlaeger
Str. William Edenborn	Capt. H. Platts	Engr. W. R. Miller
Str. Isaac L. Elwood	Capt.	Engr.
Str. William Fairbairn	Capt.	Engr.
Str. James A. Farrell	Capt. E. K. Male	Engr. C. S. McIntyre
Str. A. H. Ferbert	Capt.	Engr.
Str. William J. Filbert	Capt. W. J. Milliken	Engr. J. V. Cole
Str. Henry C. Frick	Capt. F. Davenport	Engr. C. E. Timleck
Str. Robert Fulton	Capt.	Engr.
Str. Elbert H. Gary	Capt. F. H. Roach	Engr. P. F. McDonnell
Str. John W. Gates	Capt.	Engr.
Str. Harvard	Capt.	Engr.
Str. A. F. Harvey	Capt. C. M. Conkey	Engr. G. L. Barnhart
Str. Joshua A. Hatfield	Capt. J. A. Smith	Engr. W. B. Danforth
Str. James J. Hill	Capt.	Engr.

Str. Douglas Houghton	.....Capt.	.....	Engr.	.....
Str. Francis E. House	.....Capt.	F. J. Wade	.....Engr.	W. T. Welsh
Str. H. Johnson	.....Capt.	John Noble	.....Engr.	Wm. Dornbrook
Str. D. G. Kerr	.....Capt.	H. D. McLeod	.....Engr.	M. F. Sweeney
Str. T. W. Lamont	.....Capt.	F. H. Mallory	.....Engr.	Joseph Hasler
Str. Richard V. Lindabury	.....Capt.	J. F. Park	.....Engr.	R. W. Townsend
Str. William R. Linn	.....Capt.	.....	Engr.	.....
Str. Thomas Lynch	.....Capt.	L. B. Conlin	.....Engr.	W. F. Oehenschlager
Str. Alexander McDougall	.....Capt.	.....	Engr.	.....
Str. William A. McGonagle	.....Capt.	G. M. Ackley	.....Engr.	Harry Edmondson
Str. John H. McLean	.....Capt.	R. M. Crawford	.....Engr.	H. G. Rood
Str. Malietoa	.....Capt.	.....	Engr.	.....
Str. Maricopa	.....Capt.	.....	Engr.	.....
Str. Mataafa	.....Capt.	.....	Engr.	.....
Str. Maunaloa	.....Capt.	A. E. Nunn	.....Engr.	J. B. Kettell
Str. Pentecost Mitchell	.....Capt.	.....	Engr.	.....
Str. J. Pierpont Morgan	.....Capt.	W. H. McLachlan	.....Engr.	Jos. Friesenhan
Str. J. P. Morgan Jr.	.....Capt.	C. S. O. Christensen	.....Engr.	Bernard Henry
Str. Samuel F. B. Morse	.....Capt.	.....	Engr.	.....
Str. Simon J. Murphy	.....Capt.	.....	Engr.	.....
Str. William J. Olcott	.....Capt.	H. Finnigan	.....Engr.	W. P. Diamond
Str. William P. Palmer	.....Capt.	H. Ashby	.....Engr.	C. A. Suttle
Str. Eugene W. Pargny	.....Capt.	A. T. Patchett	.....Engr.	H. M. Lubahn
Str. George W. Perkins	.....Capt.	R. C. Caughill	.....Engr.	C. S. McElroy
Str. Henry Phipps	.....Capt.	C. J. Kearns	.....Engr.	H. N. Armstrong
Str. Gen. Orlando M. Poe	.....Capt.	.....	Engr.	.....

Str. Palmyra	.....Capt.	.....	Engr.	.....
Str. Queen City	.....Capt.	.....	Engr.	.....
Str. Norman H. Ream	.....Capt.	Henry Oster	.....Engr.	W. E. Culp
Str. Renascher	.....Capt.	.....	Engr.	.....
Str. R. R. Richardson	.....Capt.	.....	Engr.	.....
Str. Percival Roberts Jr.	.....Capt.	P. H. Dunn	.....Engr.	W. A. Marshall
Str. Henry H. Rogers	.....Capt.	Harry Leisk	.....Engr.	C. V. Annable
Str. William B. Schiller	.....Capt.	Ed Palm	.....Engr.	H. G. Grotemat
Str. Howard L. Shaw	.....Capt.	.....	Engr.	.....
Str. McGilvray Shiras	.....Capt.	.....	Engr.	.....
Str. George Stephenson	.....Capt.	.....	Engr.	.....
Str. M. C. Taylor	.....Capt.	J. N. Rolfson	.....Engr.	W. P. Bourlier
Str. E. P. Thomas	.....Capt.	D. W. McLeod	.....Engr.	H. W. Endelman
Str. Richard Trimble	.....Capt.	D. M. LeRoy	.....Engr.	W. A. Churchill
Str. Peter A. B. Widener	.....Capt.	H. Johnson	.....Engr.	Conrad Sahlen
Str. Homer D. Williams	.....Capt.	H. J. Clegg	.....Engr.	H. E. McIntosh
Str. Zenith City	.....Capt.	.....	Engr.	.....
Str. August Ziesing	.....Capt.	J. C. Murray	.....Engr.	W. A. Lewis
Bge. Sir Isaac Lothian Bell	.....Capt.	.....	Engr.	.....
Bge. Bryn Mawr	.....Capt.	.....	Engr.	.....
Bge. George H. Corliss	.....Capt.	.....	Engr.	.....
Bge. John Fritz	.....Capt.	.....	Engr.	.....
Bge. W. LeBaron Jenney	.....Capt.	.....	Engr.	.....
Bge. Alfred Krupp	.....Capt.	.....	Engr.	.....
Bge. Magna	.....Capt.	.....	Engr.	.....
Bge. Maia	.....Capt.	.....	Engr.	.....

Bge. Manila	.....Capt.	.....Engr.
Bge. Marsala	.....Capt.	.....Engr.
Bge. Martha	.....Capt.	.....Engr.
Bge. James Nasmuth	.....Capt.	.....Engr.
Bge. John A. Roebing	.....Capt.	.....Engr.
Bge. John Smeaton	.....Capt.	.....Engr.

Poplarbay Steamship Co. Ltd. (See Fleet No. 311)

250 **Port Clinton Marine Service Co., The, Stahl Bldg., Fremont, O.**
(Owner and Operator)

Tug LoreneCapt. Fred ErmishEngr. John Br-kate
251 **Port Huron & Sarnia Ferry Co., Port Huron, Mich. (Owner and Operator)**

Fred S. Newton, General Manager; D. Reid, Fleet Engineer

Ferry Ariel	.....Capt. Frank Johnson	.....Engr. J. W. Meno
Ferry City of Port Huron	.....Capt. Guy Geel	.....Engr. Frank Cahoon
Ferry City of Sarnia	.....Capt. Wm. J. Major	.....Engr.
Ferry Lawrence	.....Capt. James Putnam	.....Engr.

252 **Porter, J. P., & Sons Ltd., New Welland Ship Canal, St. Catherines, Ont.**
(Owner and Operator)

Tug Alice	.....Capt.	.....Engr.
Tug Dupre	.....Capt.	.....Engr.
Dredge Delver	.....Capt.	.....Engr.
Dredge Fundy	.....Capt.	.....Engr.
Dredge Shuniah	.....Capt.	.....Engr.
Tug William S.	.....Capt.	.....Engr.
Tug Rona	.....Capt.	.....Engr.

Dredge Halifax No. 25	.....Capt.	.....Engr.
Tug ChatsouCapt.Engr.

253 **Post Fish Co., Sandusky, O. (Owner and Operator)**

Tug GrandonCapt.Engr.
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254 **Prescott & Ogdensburg Ferry Co. Ltd., Prescott, Ont.**
(Owner and Operator)

S. J. Delaney, Port Captain; W. J. Jento, Superintending Engineer of Fleet

Str. Levis	.....Capt. Wm. Deschenes	.....Engr. W. Chretien
Str. Joseph Dubrule	.....Capt. Boivin	.....Engr. R. Lashmar

Presque Isle Transportation Co. (See Fleet No. 62)

255 **Pringle Barge Line Co., The, 811 Rockefeller Bldg., Cleveland**
(Owner and Operator)

Str. Barkhamstead	.....Capt. J. B. Pringle	.....Engr. A. J. Miller
Tug Crusader	.....Capt. Walter R. Pringle	.....Engr. (No appointment)
Bge. Constitution	.....Capt. J. H. Alexander	.....Engr. (No appointment)
Bge. Maida	.....Capt. B. Peltier	.....Engr. Wm. Ballentyne
Bge. Sagamore	.....(No appointments)	

Producers Steamship Co., The (See Fleet No. 129)

256 **Provincial Paper Ltd., Port Arthur Div., Port Arthur, Ont.**
(Owner and Operator) A. G. Pounsford, Manager

Tug Thomas Maitland	.....(Not operating)	
Tug Provincial II	.....Capt. Frank Maloney	.....Engr. Dave Lanktree

257 Purvis, Capt. John, Gore Bay, Ont. (Owner and Operator)
 Tug E. D. M. Purvis.....Capt. John Purvis.....Engr. Basil Byers

258 Pyke Towing & Salvage Co., Kingston, Ont. (Owner and Operator)
 Grant Pyke, Manager
 Tug Salvage PrinceCapt. G. PykeEngr. A. Ferguson
 Tug Salvage QueenCapt. W. FelixEngr. Thos. Campeau
 Bge. HildaCapt. Harper
 Bge. Geo. T. DavieCapt. J. Oliver
 Bge. Sand Boy(No Captain)
 Bge. Stone Boy(No Captain)
 Bge. WarrencoCapt. W. Botting

259 Quebec Harbour Commissioners, Quebec (Owner and Operator)
 Tug AvisoCapt. D. McLeanEngr. Ernest Boivin
 Dredge Q. H. C. No. 2.....(Not in commission)

260 Quebec & Ontario Transportation Co. Ltd., 1005 McGill Bldg., Montreal, Que.
 (Owner and Operator)

T. E. Siegerman, Operating Manager

Str. New York News
 (nee Belvoir) Capt. R. J. Brown Engr. J. F. Duncan

Str. Shelter Bay
 (nee New York News) Capt. F. V. McIntyreEngr. Wm. Keith

Str. ThoroldCapt. F. M. HeffernanEngr. H. Collins

M. S. Chicago TribuneCapt. Geo. FergusonEngr. L. Vipond

Queen Steamship Corp. (See Fleet No. 204)

261 Red Barge Line Ltd., 635 Common St., Montreal, Que.
 (Owner and Operator)

R. A. Campbell, Manager

M. S. RedcloudCapt. D. CharlandEngr. (Not appointed)
 M. S. RedfernCapt.Engr.
 M. S. RedriverCapt.Engr.
 M. S. RedwoodCapt. D. RepentignyEngr. (Not appointed)
 Bge. RedchiefCapt. H. Clement
 Bge. RedheadCapt. S. Brunet

262 Red Star Navigation Co., Toledo, O. (Owner and Operator)
 Str. GreyhoundCapt. Harry TyrieEngr. Roma E. Gardner

263 Reger & Werner Fish Co., Lorain, Ohio (Owner and Operator)

Tug George EdwardCapt. Geo. FloroEngr. J. Rauch
 Gas. Barbara JoCapt. Carl Werner(No engineer)
 Gas. Clara BellCapt. Ed Witt(No engineer)
 Gas. Evelyn R.Capt. Al Snell(No engineer)
 Gas. Francis R.Capt. L. Kuhnle(No engineer)

264 Reid, Capt. J. T., Sarnia, Ont. (Owner and Operator)

Str. Ramona(Not in commission)

265 Reid Towing & Wrecking Co., Sarnia, Ont. (Owner and Operator)

Str. Thomas Davidson(Not in commission)

266 Reid Transit Co., Port Huron, Mich. (Owner and Operator)

J. T. Reid, Marine Superintendent
 Str. C. F. BielmanCapt.Engr.

267 Reiss, C., Coal Co., The, Sheboygan, Wis. (Owner and Operator)
W. W. Newcomet, Manager

Tug Green Bay Capt. Glen Bergerson Engr. Wm. Duclon
Tug Reiss Capt. Harry Groh and Engr. Mike Wirth
(nee Q. A. Gillmore) Nic Gunderson

268 Reiss Steamship Co., The, Sheboygan, Wis. (Operator)

(The Reiss Steamship Co., Wilmington, Del.) (Owner) W. W. Newcomet, Manager

Str. A. M. Byers Capt. Wm. Jagenow Engr. J. E. McNeill
Str. Reiss Brothers
(nee William K. Field) Capt. Alex Craigie Engr. Alex McLaren
Str. Clemens A. Reiss Capt. M. A. Baizaire Engr. Martin Rake
Str. J. L. Reiss Capt. R. O. Frankforther... Engr. James Nelson
Str. John P. Reiss Capt. E. J. Lawrence Engr. J. J. Maloney
Str. Otto M. Reiss
(nee Linford E. Geer) Capt. H. N. Leach Engr. Sylvester Palumbo
Str. Peter Reiss Capt. Wm. Landon Engr. J. A. Richardson
Str. Richard J. Reiss Capt. H. L. Radcliffe Engr. L. F. Miller
Str. William A. Reiss Capt. John Hoff Engr. Henry Rake
Str. Alex B. Uhrig Capt. E. C. Burke Engr. Vincent C. Roth

269 Rockport Navigation Co., Ft. of Brock St., Kingston, Ont.
(Owner and Operator)

Str. Waubie Capt. R. H. Carnegie Engr. Rollie Mullin

270 Rockport Steamship Co., Sheboygan, Wis. (Operator)
(Rockport Steamship Co., Wilmington, Del.) (Owner)
W. W. Newcomet, Manager

Str. John A. Kling Capt. Albert Olsson Engr. Frank Duffy
Str. Charles C. West Capt. James Rathburn Engr. M. G. Cook

271 Roen, Capt. J., Sturgeon Bay, Wis. (Owner and Operator)

Str. Transport Capt. Engr.

272 Roen Steamship Co., Sturgeon Bay, Wis. (Owner and Operator)

Str. M. H. Stuart Capt. Engr.

Bge. Interlaken (Appointments not made)

Bge. Transport (Appointments not made)

273 Ross, Charles, Port Maitland, Ont. (Owner)

Tug Oriana Capt. Wm. Thompson Engr. Geo. Pope

Tug Twin Capt. Ed. Franklin Engr. Chas. Crosby

274 St. Lawrence River Power Co., Massena, N. Y. (Owner and Operator)
C. W. Peden, Elec. Superintendent

Tug De Grasse Capt. E. J. Cline Engr. W. H. Cook

275 St. Lawrence Steamships Ltd., E. S. Crosby & Co. Inc., Managing Agents
Marine Trust Building, Buffalo, N. Y.

Str. Algonquins Capt. Joseph K. Corson Engr. Robt. A. McEwen

Str. Cheyenne Capt. Wilford N. Morrison Engr. Robert Knight

Str. Delaware Capt. Clarence Crompton Engr. Roy Milligan

Str. Sioux Capt. A. E. DeMill Engr. Lawrence Black

276 St. Lawrence Tankers, Ltd., 83 Dalhousie St., Quebec, Canada
 (Owner and Operator) W. Menard, Marine Superintendent
 Str. MaplebranchCapt. L. A. ConstineEngr. E. Delist
 277 Sandusky & Islands Steamboat Co., Sandusky, O. (Owner and Operator)
 Str. ChippewaCapt. V. W. Brown.....Engr. S. Wiers
 278 Saniells, William, Escanaba, Mich. (Owner and Operator)
 Tug EugeneCapt.Engr.
 279 Sarnia Steamships Ltd. of Sarnia, Ont., West St., Port Colborne, Ont.
 (Operator) Robert Scott Misener, General Manager
 (1934 appointments not available)
 (Sarnia Steamships Ltd.) (Owner)

Str. Joseph P. BurkeCapt.Engr.
 Str. Ralph GilchristCapt.Engr.
 Str. C. H. HousonCapt.Engr.
 Str. John O. McKellarCapt.Engr.
 Str. Anna C. MinchCapt.Engr.
 Str. Scott MisenerCapt.Engr.
 Str. RahaneCapt.Engr.
 (Huron Steamships Ltd.) (Owner)
 Str. ChemongCapt.Engr.
 Str. DrumahoeCapt.Engr.
 Str. FairlakeCapt.Engr.

Str. FairriverCapt.Engr.
 Str. LockwellCapt.Engr.
 Str. PortwellCapt.Engr.
 Str. StarwellCapt.Engr.
 (Colonial Steamships Ltd.) (Owner)

Str. ArlingtonCapt.Engr.
 Str. BaytonCapt.Engr.
 Str. BerrytonCapt.Engr.
 Str. BrooktonCapt.Engr.
 Str. EastonCapt.Engr.
 Str. LaketonCapt.Engr.
 Str. LivingstonCapt.Engr.
 Str. MaltonCapt.Engr.
 Str. MathewstonCapt.Engr.
 Str. NorthtonCapt.Engr.
 Str. RivertonCapt.Engr.
 Str. RoyaltonCapt.Engr.
 Str. WatertonCapt.Engr.
 Str. WiartonCapt.Engr.
 Str. YorktonCapt.Engr.

Sarnia & Toledo Transit Co. (See Fleet No. 47)

280 Sayen, John, 2132 Lenox Ave., Detroit, Mich. (Operator)
 (Dark Tug Line) (Owner)
 Tug Samuel J. DarkCapt. S. MooreEngr. Paul G. Rhodes

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281	Scanes Boat & Dock Co., The James, 401 Ohio St., Toledo, O. (Owner and Operator)	
Str.	Fort Meigs	Capt. James Scanes Engr. Joseph H. Scanes
	Schneider Transportation Co. (See Fleet No. 62)	
282	Schroeder, John, Lumber Co., Milwaukee, Wis. (Owner and Operator) Wm. W. Wuesthoff, Superintendent	
Tug	Ashland	Capt. Manning Kilton Engr. Russell
283	Scott, Thomas J., 66 March St., Sault Ste. Marie, Ont. (Owner and Operator)	
Tug	T. J. Scott	Capt. T. J. Scott Engr. Wallace Reid
Scow	T. J. S. No. 1.....	Capt. Engr. E. Bedore
284	Seidl, Frank F., Menominee, Mich. (Owner and Operator)	
Tug	Carl	Capt. Nels Nelson Engr. Carl Melvin
Tug	David	Capt. Mike Setunsky Engr. Robt. Peterson
Tug	Glenda	Capt. Clarence Miller Engr. Clifford Setunsky
Tug	Peter	Capt. Mike Blashensky Engr. Leon Setunsky
Tug	Squatter	Capt. Torval Olson Engr. Anton Olson
285	Seneca Washed Sand & Gravel Corp., Foot of Ontario St., Buffalo, N. Y. (Owner and Operator)	
Str.	Viking	Capt. Engr.
286	Severan & Lake Couchiching Navigation Co., Orillia, Ont. (Operator) Thomas W. Wood (Owner)	
Str.	Ferdinand	Capt. T. W. Wood Engr.
Str.	T. W. Wood	Capt. T. W. Wood Engr. A. Johnston
287	Shenango Furnace Co., 1801 Union Trust Bldg., Cleveland, O. (Operator) (Shenango Furnace Co., Pittsburgh, Pa.) (Owner) C. J. Peck, Manager; W. F. Riley, Superintendent	
Str.	Col James M. Schoon- maker	Capt. Engr.
Str.	Shenango	Capt. Engr.
Str.	William P. Snyder, Jr.,	Capt. Engr.
288	Siddell, Percy, Port Maitland, Ont. (Owner)	
Tug	Earlee June	Capt. Percy Siddall Engr. Earl Siddall
Tug	Ella	Capt. L. W. Siddall Engr. Wilfred Franklin
	Sierra Steamship Co. (See Fleet No. 306)	
289	Sin-Mac Lines, Ltd., 635 Common St., Montreal, Que. (Owner and Operator) P. C. Bonham, Fleet Engineer	
Str.	Maplecourt	Capt. H. B. Reid Engr. J. Hopwood
Str.	Neebing	Capt. A. R. Irvine Engr. W. Faloona
Str.	Rapids Queen	Capt. Engr.
Tug	A. F. Bowman	Capt. E. Konkera Engr.
Tug	H. F. Bronson	Capt. Engr.
Tug	Champlain	Capt. Engr.
Tug	Conqueror	Capt. Engr.
Tug	Dick T.	Capt. Engr.
Tug	Donnelly	Capt. Engr.
Tug	Andree Dupre	Capt. Engr.
Tug	Yvon Dupre Jr.	Capt. E. Blais Engr. Jos. Joly
Tug	Eureka	Capt. H. Filteau Engr. Pat Joly

Tug Felicia	Capt. Jos. Millette	Engr. Ed. Mongeon
Tug Fredmac	Capt. Z. Bibeau	Engr. D. Matte
Tug Guardian	Capt.	Engr.
Tug Mary P. Hall	Capt.	Engr.
Tug William Johnston	Capt.	Engr.
Tug Lotbiniere	Capt.	Engr.
Tug Macsin	Capt.	Engr.
Tug Mathilda	Capt. E. Houde	Engr. J. Bernard
Tug Muscallonge	Capt.	Engr.
Tug Peter B.	Capt.	Engr.
Tug John Pratt	Capt. H. Mallette	Engr. Jos. Landry
Tug Pierre Racine	Capt. D. Mongeau	Engr. Eug. St. Germain
Tug Rival	Capt. L. Mallan	Engr. Alf. Crepeau
Tug Gerald B. Russell	Capt.	Engr.
Tug Sarnia City	Capt.	Engr.
Tug Strathmore	Capt. J. McCabe	Engr. J. Farquharson
Tug Virginia	Capt. D. Lemay	Engr. A. Lemay
Tug Whalen	Capt. B. Burke	Engr. J. Gehl
Bge. Andron L.	Capt. ....	.....
Bge. Ashland	Capt. ....	.....
Bge. Augustus	Capt. ....	.....
Bge. Bernon L.	Capt. ....	.....
Bge. Brighton	Capt. ....	.....
Bge. J. I. Case	Capt. ....	.....
Bge. Cobourg	Capt. ....	.....
Bge. Coteau	Capt. ....	.....

Bge.	Capt. ....	.....
Bge.	Capt. ....	.....
Bge.	Capt. ....	.....
Bge. Londonderry	Capt. ....	.....
Bge. Melrose	Capt. ....	.....
Bge. Isabel Reed	Capt. ....	.....
Bge. Turret Court	Capt. ....	.....
Der. Bge. Strathbuoy	Capt. ....	.....
Lighter Mamie	Capt. ....	.....

290 Smith Dock Co., Leatham D., Sturgeon Bay, Wis.

Tug Leatham D. Smith (Not in operation)

Bge. Adriatic

291 Smith-Putnam Navigation Co., Leatham, Sturgeon Bay, Wis.

Frank H. Behringer, Manager, 20 N. Wacker Drive, Chicago, Ill.

Diesel Material Service Capt. C. D. Brown Engr. Johnson

292 Sorel Harbour Tugs, Sorel, Que. (Owner and Operator)

Tug Fraserville

Tug Jean T.

Tug Joffre D.

Tug Paul T.

Tug Nathalie R.

Derrick St. Laurent

Barge No. 3

Barge Lucien C.

293 South Chicago Coal & Dock Co., 160 N. LaSalle St., Chicago, Ill.
(Owner and Operator)
Str. KoalkraftCapt. Arthur J. SpottonEngr. Harry Zivney
294 Sowards, Capt. J. F., Kingston, Ont. (Owner and Operator)
Str. PatdorisCapt. John DoyleEngr. J. Lamoureux

Sprucebay Steamship Co. Ltd. (See Fleet No. 311)

295 Standard Oil Co. of Indiana, Whiting, Ind. (Owner and Operator)
O. E. Bransky, Manager Marine Department
Str. Beaumont ParksCapt. Nels JohnsonEngr. A. Lippie
Str. W. P. CowanCapt. Leonard JohnsenEngr. D. M. Wellman
Str. E. G. SeubertCapt. Julius LangEngr. T. W. Laing
Str. Robert W. Stewart.....Capt. H. A. HansenEngr. W. G. Thorn
Tug Outagamie(Not in commission)
Bge. C.(Not in commission)

State of Ohio, Dept. of Agriculture (See Fleet No. 229)

S. S. Cyclo Chief Ltd., Montreal (See Fleet No. 188)

S. S. Cyclo Warrior Ltd., Montreal (See Fleet No. 188)

S. S. John Irwin Ltd., Montreal (See Fleet No. 188)

296 Steinbrenner, George M., 706 Rockefeller Bldg., Cleveland, O. (Operator)
(Kinsman Transit Co.) (Owner)
(No appointments available)

Str. Worrell ClarksonCapt.Engr.
Str. Harry L. FindlayCapt.Engr.
Str. George M. Humphrey.....Capt.Engr.

Str. Philip MinchCapt.Engr.
Str. Henry SteinbrennerCapt.Engr.

297 Sullivan, D. & Co., 208 South LaSalle St., Chicago, Ill. (Operator)
(Gartland Steamship Co.) (Owner)

Str. William E. Fitzgerald.....Capt.Engr.
Str. Sullivan Brothers
(see Otto M. Reiss) Capt.Engr.
Str. William H. WolfCapt.Engr.
Str. Back BayCapt.Engr.
Str. BenningtonCapt.Engr.
Str. BrandonCapt.Engr.
Str. BrocktonCapt.Engr.
Str. BurlingtonCapt.Engr.

298 Sullivan, M., Dredging Co., 2326 Buhl Bldg., Detroit, Mich.
(Owner and Operator) J. H. Sullivan, Port Captain

Tug ColumbiaCapt.Engr.
Tug Edwin DenbyCapt.Engr.
Tug GiffordCapt.Engr.

The Sumatra Steamship Co. (See Fleet No. 306)

299 Superior Marine Supply Co., 31815-17 Itasca St., Superior, Wis.
(Owner and Operator)

Tug G. L. BugCapt.Engr.
Tug T. L. Hallam Bros.Capt. Leo GucinskiEngr.

300 Superior Shipbuilding Co., The, Clough Ave. and Third St., Superior, Wis.
(Owner and Operator)

Repair Str. R. J. Close.....Capt.Engr.

Superior Steamship Co. (See Fleet No. 306)

301 Tashmoo Transit Co., Ft. of Griswold St., Detroit, Mich. (Operator)
(Chas. H. Donnelly, Trustee for Bondholders Protective Committee) (Owner)
Str. TashmooCapt. Donald McAlpineEngr. John McCarten

Ten Steamship Corp. (See Fleet No. 204)

302 Terminal Transit & Towing Co., Fort William, Ont.
(Owner and Operator)

Tug A. B. Conmee(Not in commission)
Tug W. J. Emerson(Not in commission)
Tug Gravel King(Not in commission)
Lighter Nipigon(Not in commission)

303 Texas Co., The, Lockport, Ill. (Operator)
(Texas Co., The, 135 E. 42nd St., New York) (Owner)

Str. MaineCapt. R. E. LeeEngr.
Tug HarveyCapt. H. S. MillerEngr. L. Austin
Bge. Texaco 155Capt. R. H. ConwayEngr.
Bge. Petroleum No. 2.....Capt.Engr.

304 Thousand Island Navigation Co. Ltd., Foot of Brock St., Kingston, Ont.
(Owner and Operator)

Str. ChampionCapt. Ross W. CarnegieEngr. John Kennedy
Str. FrontenacCapt. John A. CarnegieEngr. Thos. Haslette

305 Three Rivers, City of Three Rivers, Que. (Owner and Operator)

Str. Cite des Trois Rivieres..Capt. Donat LemayEngr. Napoleon Toutant
Str. LaverendryeCapt. Henri MilotEngr. Alfred Savageau

306 Tomlinson, G. A., Manager, Terminal Tower, Cleveland, O. (Operator)

(No appointments will be made until actual sailing)

(The Consolidated Steamship Co.) (Owner)
Str. M. E. FarrCapt.Engr.
(Continental Steamship Co.) (Owner)
Str. L. M. BowersCapt.Engr.
(Duluth Steamship Co.) (Owner)
Str. SylvaniaCapt.Engr.
(Globe Steamship Corp.) (Owner)
Str. Cuyler AdamsCapt.Engr.
Str. Ball BrothersCapt.Engr.
Str. James DavidsonCapt.Engr.
(Inter Ocean Steamship Co.) (Owner)
Str. James E. DavidsonCapt.Engr.
(Sierra Steamship Co.) (Owner)
Str. SierraCapt.Engr.
(Michigan Steamship Co.) (Owner)
Str. SinaloaCapt.Engr.
(National Steamship Co.) (Owner)
Str. ShastaCapt.Engr.
Str. SpartaCapt.Engr.

	(The Sumatra Steamship Co.) (Owner)	
Str. Sumatra	.....Capt.	.....Engr.
	(Superior Steamship Co.) (Owner)	
Str. George G. Barnum	.....Capt.	.....Engr.
	(Triton Steamship Co.) (Owner)	
Str. Rufus P. Ranney	.....Capt.	.....Engr.
	(The United Steamship Co.) (Owner)	
Str. Colonel E. M. Young	.....Capt.	.....Engr.
	(The American Shipbuilding Co.) (Owner)	
Tug Durocher	.....Capt.	.....Engr.
	(Independent Steamship Co., The, Foot of West 54th St., Cleveland, O.) (Owner)	
Steamer Cayuga	.....(Appointments not available)	

307 Toronto, City of, Toronto, Ont. (Owner and Operator)

	R. C. Harris, Commissioner of Works	
Tug G. R. Geary	.....Capt. F. T. Foulkes	.....Engr. H. E. Baillie
Tug Ned Hanlan	.....Capt. F. A. Cook	.....Engr. J. Taylor

308 Toronto, Hamilton & Buffalo Navigation Co., Hamilton, Ont.

(Owner and Operator)

C. F. Maitland No. 1Capt. J. W. KeeleyEngr. E. M. Baker
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309 Toronto Harbour Commissioners, Bay and Harbor Sts., Toronto

(Owner and Operator)

	Brig. Gen. J. G. Langton, Gen. Mgr.; James R. Wainwright, Chief Engineer	
Tug Rouille	.....Capt. W. E. Pickard	.....Engr. John Parsonson

310 Toronto Transportation Commission, 35 Yonge St., Toronto, 2 Ont. (Operator)
(City of Toronto) (Owner) D. W. Harvey, General Manager

Str. Bluebell	.....Capt.	.....Engr.
Str. T. J. Clark	.....Capt.	.....Engr.
Str. Luella	.....Capt.	.....Engr.
Str. Mayflower	.....Capt.	.....Engr.
Str. Primrose	.....Capt.	.....Engr.
Str. Trillium	.....Capt.	.....Engr.
Motor Boat Aylmer	.....Capt.	.....Engr.
Motor Boat Buttercup	.....Capt.	.....Engr.

311 Tree Line Navigation Co., The, Ltd., Montreal, Que. (Operator)

(Ashbay Steamship Co., Ltd.) (Owner); J. B. Lappen, Superintendent Engineer

Str. Ashbay	.....Capt. A. J. Hogue	.....Engr. Thos. Kennedy
	(Beechbay Steamship Co.) (Owner)	
Str. Beechbay	.....Capt. Jules Leblanc	.....Engr. A. Fugere
	(Birchbay Steamship Co., Ltd.) (Owner)	
Str. Teakbay	.....Capt. C. E. Kennedy	.....Engr. R. Gibson
	(Cedarbay Steamship Co., Ltd.) (Owner)	
Str. Cedarbay	.....Capt. Paul Morinville	.....Engr. Louis Morinville
	(Elmbay Steamship Co., Ltd.) (Owner)	
Str. Elmbay	.....Capt. A. H. Dixon	.....Engr. Pierre Brunelle
	(Maplebay Steamship Co., Ltd.) (Owner)	
Str. Maplebay	.....Capt. R. Graham	.....Engr. J. A. Lentz
	(Oakbay Steamship Co., Ltd.) (Owner)	
Str. Oakbay	.....Capt. W. J. Ferguson	.....Engr. Wm. B. Moore

Str. Pinebay	(Pinebay Steamship Co., Ltd.) (Owner)	
	.....Capt. A. N. Hogue	.....Engr. Romeo Marchand
Str. Poplarbay	(Poplarbay Steamship Co., Ltd.) (Owner)	
	.....Capt. J. A. Daneau	.....Engr. J. B. Marchand
Str. Sprucebay	(Sprucebay Steamship Co., Ltd.) (Owner)	
	.....Capt. J. R. Montgomery	.....Engr. T. S. Wilson
Str. Willowbay	(Willowbay Steamship Co., Ltd.) (Owner)	
	.....Capt. W. E. Ogg	.....Engr. A. Gagne

Triton Steamship Co. (See Fleet No. 306)

Union Transit Co., Chicago (See Fleet No. 128)

312 Union Transit Co. Ltd., 64 King St. East, Toronto, Ont.

(Owner and Operator)

	Capt. J. B. Foote, Manager	
Str. Geo. R. Donovan	.....Capt. A. E. Laking	.....Engr. Thos. Walkoff
Str. James B. Foote	.....Capt. J. W. Lidstone	.....Engr. H. Fitzpatrick
Str. D. B. Hanna	.....Capt. R. T. Robinson	.....Engr. H. D. Foote
Str. William Schupp	.....Capt. W. J. Brown	.....Engr. James Ash

313 U. S. and Dominion Transportation Co. Ltd., Owen Sound, Ont. (Operator)

Booth Fisheries Canadian Co. Ltd., Winnipeg (Owner)

R. V. Malloy, Port Captain

Str. Caribou	.....Capt. A. A. Batten	.....Engr. J. Glover
Str. Hibou	.....Capt. D. S. Pruder	.....Engr. M. McIver
Str. Manitou	.....Capt. N. J. McCoy	.....Engr. A. Glendillen

314 U. S. Engineer Office, Chicago District, Room 932, Postoffice Bldg., Canal and Van Buren Sts., Chicago, Ill. (Owner and Operator)

Tug Thomas Lincoln Casey.....Capt. John M. LarsonEngr. Ivan O. Miller

315 U. S. Engineer Office, War Department, 410 Old Customhouse, Detroit, Mich.

(Owner and Operator)

Str. Alfred Noble	Capt. Harvey M. Hodge		.....Engr. Erwin G. McCartney
M. S. Capt. A. Canfield	.....Capt. Jesse Church	.....Engr. Fernley J. Killips	
M. S. Pioneer	.....Capt. Emil Hoog	.....Engr.	
M. S. Lieut. A. C. Tippin	.....Capt. Lewis Matthews	.....Engr. Norman L. Wilson	
M. S. E. S. Wheeler	.....Capt.	.....Engr. Thos. G. Fairbairn	
Tug Graham	.....Capt. Gustav Jacobson	.....Engr. Clarence Miller	

316 U. S. Engineer Office, War Department, Buffalo, N. Y., Marine Supt., R. W. Charles, 537 Federal Bldg., Buffalo

Dge. Burton	.....Capt. Enos L. White	.....Engr. Andrew J. Blankley
Dge. Taylor	.....Capt. James McCauley	.....Engr. Arthur N. Erickson
Tug Churchill	.....Capt. John W. Wilke	.....Engr. James Reed
Tug McDonough	.....Capt. Clark U. Jones	.....Engr. Elmer J. Murphy
Tug Black Rock	.....Capt. Owen C. Facinger	.....Engr. Clarence L. Sauberan
Diesel Tug Quintus	.....Capt.	.....Engr. Wallace O. Tomey
Surveyboat Lockwood	.....Capt. Nimrod Long	.....Engr. William C. Brady
Motor Cruiser Judson	.....Capt.	.....Engr.

317 United States Engineer Department, 408 Federal Bldg., Milwaukee, Wis.

(Owner and Operator)

I.t. Col. H. M. Trippe	District Engineer; E. M. Nisen, Senior Engineer	
Str. Manitowoc	.....Capt. C. C. Fowler	.....Engr. John P. Riley

Drg. G. G. Meade	Capt. William Rosie	Engr. Jess G. Lanridge
Tug Cumberland	Capt. Algje Alexander	Engr. Louis J. Hengartner
Tug Marinette	Capt. Palmer E. LaPlante.....	Engr. Andrew Tollefson
Tug Menasha	Capt. Clifford E. Velte	Engr. David Clow
Tug Neenah	Capt. Lester G. LaPlante.....	Engr. Francis Vaughn
Bge. Milwaukee	Capt. Henry Devine	Engr. Alfred Keller
Bge. Kenosha	Capt. Forest Olson	Engr. Albert R. Nielson

**318 U. S. Government, Div. of Naval Reserve, Ninth Naval District,
Great Lakes, Ill. (Owner and Operator)**
(These vessels have no permanent engineer)
Commanding Officer

U. S. S. Dubuque	Lt.-Comdr. R. T. Brodhead, D-V (G), USNR
U. S. S. Hawk	Lt.-Comdr. O. F. Heslar, DE-F, USNR
U. S. S. Paducah	Lt.-Comdr. A. O. Rabideau, D-F, USNR
U. S. S. Wilmette	Capt. Edw. A. Evers, D-F, USNR
U. S. S. Wilmington	Capt. A. F. Nicklett, D-F, USNR
U. S. S. C. No. 64	Lieut. R. C. Lowes, Jr., DE-F, USNR
U. S. S. C. No. 330	Capt. G. F. Schwartz, D-F, USNR
U. S. S. C. No. 412	Lt.-Comdr. E. F. Kiefer, D-F, USNR
U. S. S. C. 432	Lieut. A. T. Pamperin, D-F, USNR

319a U. S. Lighthouse Service, Tenth District, Buffalo, N. Y. (Operator)
(U. S. Lighthouse Service, Dept. of Commerce, Buffalo) (Owner)
Roscoe House, Supt. of Lighthouses

L. H. Tender Str. CrocusCapt. J. P. BourkeEngr. H. K. Loveless

L. H. Tender (Diesel) CherryCapt. F. P. BarkerEngr. F. A. Nassal
L. H. Tender Str. Sundew....Capt. T. J. Downs.....Engr. G. I. Way

319b Eleventh Lighthouse District, Detroit, Mich. (Owner and Operator)
Fred P. Dillon, Superintendent of Lighthouses
Walter G. Will, Assistant Superintendent

L. H. Tender Str. Amaranth Capt. G. GundersenEngr. Frank J. Pospeshill
L. H. Tender Str. Marigold....Capt. John A. TurmalaEngr. John Duffy
L. H. Tender Str. AspenCapt. Wm. J. TaylorEngr. Oscar B. Anderson
L. H. Tender Str. CloverCapt. Wm. J. EckelEngr. Richard Burdeno
L. H. Tender Str. DahliaCapt. E. BondyEngr. A. E. Muffler
L. H. Tender Str. Elm(Not in commission)
Str. Lightship No. 96Capt. Frank LeimbachEngr. John Peters
Bge. Lighthouse No. 75(Non-attended)

319c Twelfth Lighthouse District, Milwaukee, Wis. (Owner and Operator)
Charles H. Hubbard, Superintendent

L. H. Tender Str. Hyacinth....Capt. Harry W. Maynard....Engr. John R. McCauley
L. H. Tender Str. SumacCapt. John K. OlsenEngr. George W. Crawford
Eleven Ft. Shoal Lightship
No. 82Capt. Daniel A. GarrettEngr. Walter Hanson
North Manitou Shoal Light-
ship No. 103Capt. John A. RenehanEngr. John C. McDonald
Peshtigo Reef Lightship
No. 77Capt. Alfred HansonEngr.
Gray's Reef Lightship No.
99Capt. Harry McRaeEngr. Angus H. Phillips

320 United States Steel Products Co., Rockefeller Bldg., Cleveland, O.
 (Operator) E. R. Cassidy, Agent
 M. S. Steel ChemistCapt. John G. WoerpelEngr. W. S. Connaughton
 M. S. Steel ElectricianCapt. Arthur F. WoodsEngr. W. R. Wright
 M. S. SteelmotorCapt. H. P. IrvineEngr. H. T. Petersen
 M. S. SteelvenderCapt. G. L. KaneEngr. O. H. Hedin

United Steamship Co., The (See Fleet No. 306)

321 Upper Lakes & St. Lawrence Transportation Co. Ltd., 311 Board of Trade Bldg., Montreal, Que. (Owner and Operator)

Str. BrownbeaverCapt. J. M. DumontEngr. A. Carrier
 Str. GreybeaverCapt. A. W. BeattyEngr. J. G. Miller

The Valley Camp Coal Co. of Canada Ltd. (See Fleet No. 322)

322 Valley Camp Steamship Co., The, Western Reserve Bldg., Cleveland, O.
 (Operator) R. J. Paisley, Manager; W. B. Pilkey, Marine Superintendent

(Valley Camp Steamship Co.) (Owner)

Str. Howard P. Eells Jr.Capt. R. E. JonesEngr. Oscar Peterson
 Str. Harry T. EwigCapt. E. J. BodenlosEngr. A. A. Smedley
 Str. IncaCapt.Engr.

Str. John McCartney KennedyCapt. Walter C. RuddleEngr. Walter Wood
 Str. E. G. MathiottCapt. W. M. WhitneyEngr. T. H. Morris

(The Lakewood Steamship Co.) (Owner)

Str. Michael J. BartelmeCapt. G. R. DonerEngr. Henry J. Fritz

Str. Thomas BrittCapt. G. A. MontgomeryEngr. Charles H. Wolvin
 Str. O. S. McFarlandCapt. Charles H. MohrEngr. R. S. Goodwin
 (The Morrow Steamship Co.) (Owner)

Str. Robert J. Paisley
 (nee J. E. Savage) Capt. Jos. A. ThodeyEngr. Edward Jacques
 Str. G. G. PostCapt. Frank A. BruneEngr. H. B. Muhlittner
 Str. S. B. WayCapt. Forrest J. MaloneyEngr. A. W. Muhlittner
 (The J. A. Paisley Steamship Co.) (Owner)

Str. William NelsonCapt. H. L. PerkinsEngr. Robert A. Holt
 Str. William B. PilkeyCapt. H. N. MillingtonEngr. Joseph Garant
 (The Valley Camp Coal Co. of Canada Ltd.) (Owner)

Str. Valley CampCapt. Bruce A. NichollsEngr. John Gilbert

323 Verduin, William, Grand Haven, Mich. (Owner and Operator)
 Tug C. J. BosCapt. Wm. Ver DuinEngr. Henry Ver Hocks

324 Vermilion Sand & Supply Co., The, Vermilion, O.
 (Owner and Operator)
 Peter Full, Manager

Str. R. W. HolstCapt. Peter FullEngr. Geo. Lang
 Str. Anna B.Capt. G. W. BlattnerEngr. A. Krutsch

Virginia Steamship Co., The (See Fleet No. 129)

325 Wabash Railway Co., Detroit, Mich. (Owner and Operator)
 Enoch Cram, Marine Supt.

C. F. DetroitCapt. Geo. W. HonnerEngr. D. A. Patterson
 C. F. ManitowocCapt. F. A. HuntoonEngr. E. J. Fitzgerald

C. F. TransferCapt. W. NorvellEngr. C. E. Nautan
 C. F. WindsorCapt. E. CramEngr. H. Lowry
 326 Walkerville & Detroit Ferry Co., Foot Joseph Campau Ave., Detroit, Mich.
 (Owner and Operator); Joseph Fitzsimons, Superintendent Engineer
 Str. EssexCapt. A. B. BaileyEngr.
 Str. HalcyonCapt. J. McCarthyEngr. C. Lowery
 Str. WayneCapt. H. LivelyEngr. P. McLaren

Wallaceburg Sand & Gravel Co. Ltd. (See Fleet No. 101)

327 Water Transports Ltd., 107 Craig St. W., Montreal, Que.
 (Owner and Operator)

L. Beaupre, Marine Supt.

Str. SurewaterCapt. W. BrownEngr. S. Heather
 Str. SwiftwaterCapt. H. WillemstynEngr. T. Harrison

328 Wells, L. A., Construction Co., 1121 Schofield Bldg., Cleveland, O.
 (Owner and Operator)

Tug Red CrownCapt. L. MertanglEngr.
 Tug J. R. SprankleCapt. John McIverEngr.
 Derrick Scow WellstonCapt. Toni MahiEngr. Peter Raufte
 Derrick Scow WawaseeCapt. Guido PierpouliEngr. Jas. A. Daye

329 West Ports Steamship Line, Milwaukee, Wis. (Owner and Operator)
 Louis N. Biron, Vice President

Str. Kenosha(Not in commission)
 Str. Sheboygan(Not in commission)
 Str. Waukegan(Not in commission)

Western Steamship Corp. (See Fleet No. 22)

Willowbay Steamship Co. Ltd. (See Fleet No. 311)

330 Wilson Transit Co., The, 948 Rockefeller Bldg., Cleveland, O.
 (Owner and Operator) (Tentative appointments)

Str. William C. Atwater ..Capt. E. R. MortonEngr. Hans T. Meyers
 Str. General GarretsonCapt. Geo. StewartEngr. Edmund Landry
 Str. Charles S. HebardCapt. J. J. PhillipsEngr. J. C. Reynolds
 Str. H. P. McIntoshCapt. Olaf SkuggenEngr. Wm. McKenzie
 Str. James MacNaughtonCapt. Wm. F. GardnerEngr. Geo. E. Willard
 Str. A. W. OsborneCapt. Arnold PedersenEngr. Swan Swanson
 Str. W. D. ReesCapt.Engr.
 Str. S. H. RobbinsCapt. W. G. ColesEngr. Edward Clark
 Str. Frank E. TaplinCapt. M. D. McQueenEngr. H. F. Bangs
 Str. J. E. UpsonCapt. M. A. MausoldEngr. Howard S. Wixson
 Str. Capt. Thomas Wilson....Capt. Roy F. WoodfordEngr. Frank Heagerty

331 Windsor & Pelee Island Steamship Co. Ltd., Pelee Island, Ont.
 (Owner and Operator)

Str. PeleeCapt. J. N. SheatsEngr. F. R. Ferguson

332 Wisconsin & Michigan Steamship Co., 108 N. Broadway, Milwaukee, Wis.

(Owner and Operator)

Louis N. Biron, Vice President and General Manager

Str. IllinoisCapt. H. J. DelatreEngr. Oscar Dahlgren
Str. MissouriCapt. F. RichardsonEngr. Chas. Eason

333 Wisconsin & Michigan Transportation Co., Milwaukee, Wis. (Owner)

Str. E. G. Crosby(Not in commission)
Str. Petoskey(Not in commission)

334 Wright, Capt. Samuel, 12 Centre St., Port Arthur, Ont. (Operator)

(Mrs. M. Wright) (Owner)

Tug John Jr.Capt.Engr.

335 Wyandotte Transportation Co., 1622 Ford Bldg., Detroit, Mich.

(Owner and Operator)

N. H. Morgan, Manager; W. W. England, Superintending Engineer

Str. AlpenaCapt. J. C. McCormickEngr. Elmer Malcomson
Str. ConneautCapt. W. H. YatesEngr. Justin Houston
Str. HuronCapt. George W. MooreEngr. Neil McNeil
Str. WyandotteCapt. George E. WintersEngr. William Rowland

336 Zenith Dredge Co., Duluth, Minn. (Owner and Operator)

Tug FaylingCapt.Engr. Sam Becker
Tug MysticCapt. Eugene KelleherEngr. Sam Becker

CAPACITY OF ORE CARRIERS

(Gross tons on about 19 ft. draft)

*Sail or tow barge; all others power.

Note: Some inconsistencies in capacities for previous years may be noted due to the fact that in some instances the average cargo carried for the previous season has been used rather than the actual carrying capacity of the ships on about 19 ft. draft. Inconsistencies should not be numerous, however, as it is the usual custom to take full cargoes, particularly so in the case of ore.

Vessel	Gross tons	Vessel	Gross tons
-A-			
Adc	2,500	Barium, John J.	8,900
Adams, Cuyler	8,800	Barium, Thos.	8,000
Adirathic	6,800	Barnum, George	8,800
Advance	1,200	G.	5,700
Aetna	3,000	Barthele, M. J.	7,500
Atlecke, B. P.	11,100	Bayton	7,500
Aironquina	3,000	Beechbay	1,400
Alpena	3,000	Beldium	6,000
Amazon	5,500	Bell, Sir Isaac L.	5,600
Angelina	5,700	Belvoir	3,650
Anticosti	6,500	Benmaple	1,750
Archerus	3,000	Bennington	3,000
Arlington	9,000	Bervind, E. J.	12,300
Ashby	2,220	Bethlehem	12,300
Ashland	1,400	Billings, Frank	8,000
Ashley, J. S.	1,300	Black, Clarence A.	6,300
Ashthabla	9,000	Block, Joseph	10,300
Atwater, W. C.	2,670	Block, L. M.	12,500
Auratus	11,100	Block, Philip D.	10,800
Augustus, A. A.	1,800	Boachman, John	5,600
Aurora	8,900	Boland, John J.	8,400
Aycliffe Hall	2,200	Bowers, L. M.	12,500
-B-			
Back Bay	3,000	Bradley, Carl D.	14,000
Baird, P. B.	1,700	Branden	3,000
Baker, Geo. F.	10,500	Britcolidee	7,000
Ball Brothers	9,000	Britt	6,100
		Broad, Max M.	2,700
		Brookton	3,000

Vessel	Gross tons	Vessel	Gross tons
Brookton	2,100	Cleveland	3,000
Brown, Fayette ..	8,700	Clyde, W. G.	11,100
Brown, H. H.	9,600	Clyde, The	1,000
Brown, H. W.	3,500	Cole, Thos. F.	10,700
Brown, J. J. H. ..	7,800	Collingwood	7,000
Brownheaver	3,000	Collins	6,300
*Bryn Mawr	6,700	Colonel	5,400
Buffington, E. J. ..	10,700	Coniscliffe Hall ...	3,000
Bunce, E. M.	3,000	Conneaut	8,000
Bunsen, R. W. E. ..	6,700	Conway Carle C. ..	9,700
Burke, J. P.	2,700	Consumers Power ..	8,400
Burlington	3,000	Coolidge, S. B.	5,900
Butler, Hazen	7,500	*Cordova	3,100
Butler, Jr., J. G. ..	9,600	Corey, W. E.	9,600
Byers, A. M.	10,000	*Corliss, G. H.	5,400

—C—

C.	5,200	Cornell	7,000
Cadillac	5,900	Cort, H.	3,300
Calcite	7,000	Corvus	6,500
Calgadoc	3,000	Coteaudoc	3,000
Calumet	6,800	Cottonwood	3,000
Calvary, Jr. W. D. ..	5,900	Coulby, Harry	12,500
Cambria	9,400	Covalt	3,000
Campbell, J. A.	9,800	Cowle, John B.	10,500
Canadoc	7,000	Crapo	7,200
Canopus	7,500	Crawford, G. G.	11,000
Cartierdoc	3,000	Crawford, W. D.	8,800
*Case, J. I.	1,000	Crescent City	4,100
Cedarbay	1,400	Cressy, Dustin G.	1,200
Cetus	6,500	*Crete	7,900
Chemung	2,200	Croft, Harry W.	9,000
Cheyenne	3,000	Crosby, W. J.	2,600
Chicago Tribune ..	1,600	Cygnus	6,400
Chief Wawatam ..	2,900		
*Ch'eftain	5,200		

Chippewa	3,100	Dalhousie City ...	1,200
Cite de Levis	1,200	Dalton, Henry G.	11,000
Cite de Quebec	1,200	Daniels, Wm. H.	1,700
City of Flint	3,300	Davidson, James ..	12,500
City of Sa'inaw. ...	3,300	Davidson, James ..	9,700
Clarke, E. A. S. ...	9,600	E.	9,700
Clarkson, Worrell. ..	10,100	Davidson, Thomas ..	2,400
Clement, N. P.	1,700	*Davie, George T. ...	1,400
Clemson, D. M.	11,300	Davock, W. B.	6,800

—D—

Dalhousie City ...	1,200
Dalton, Henry G.	11,000
Daniels, Wm. H.	1,700
Davidson, James ..	12,500
Davidson, James ..	9,700
E.	9,700
Davidson, Thomas ..	2,400
*Davie, George T. ...	1,400
Davock, W. B.	6,800

Vessel	Gross tons	Vessel	Gross tons
Deepwater	2,500	Finland	10,500
Delaware	3,000	Fitch, Wm. F.	5,000
Denmark	8,500	Fitzgerald Wm. E. ..	7,500
Detroit	3,000	Fontana	4,800
Diamond Alkali	10,000	Foote, James B. ...	2,800
Dickson, Wm. B.	10,800	Ford, Benson	10,900
Dinkey, Alva C.	10,600	Ford, Emory L.	12,200
Donnacona	12,000	Ford II, Henry	10,900
Donner, W. H.	9,400	Fortwildoc	7,000
Donovan, G. R.	2,800	Frantz, Joseph H.	11,500
Douglass, E. T.	1,700	Franz, W. C.	5,500
Drumahoe	2,200	Frick, H. C.	9,700
Dundas	2,800	*Fritz, John	7,400
Dunn, Jr., John	10,000	Frontenac	10,900
Durston, J. F.	8,000	Fulton, Robert ...	5,600
Dustin, Bessie M. ...	2,100		

—E—

Eads, James B.	4,700	Gallagher, Michael ..	7,600
Eaglescliffe Hall. ...	3,000	Ganandoc	3,000
Easton	2,200	Garretson, General ..	9,100
Eaton, G. L.	3,000	Gary, Elbert H.	9,800
Edenborn, Wm.	7,500	Gates, J. W.	7,500
Edmonton	3,000	Gehm, John	3,200
Eells, H. P. Jr. ...	5,500	Gilbert	1,100
Elba	6,800	Gilchrist, R.	2,700
Elgin	2,800	Glenelg	3,000
Elmbay	1,400	Goodyear, F. H.	11,000
Elwood, Isaac L. ...	7,500	Goulder, H. D.	9,300
Emperor	9,000	Grammer, G. J.	6,300
Ericsson, J.	5,300	*Grampan	2,200
Erwig, Harry T. ...	5,000	Granby	2,400

—F—

Fairbairn, William ..	5,600	Green, Fred W. ...	3,000
Fairmount	2,400		
Farr, M. E.	12,500		
Farrandoc	3,000		
Farrrell, James A.	10,700	Hamilcoe	3,000
Farbert, A. H.	6,300	Hanna, D. B.	2,800
Farris, J. E.	8,600	Hanna, Jr., H. M.	8,500
Feld, A. C.	1,700	Hanna, L. C.	9,400
Fibert, W. J.	11,000	Hart, Judge	1,700
Findlay, Harry L. ...	9,000	Hartwell, Fred G.	13,000
Fink, G. R.	9,600	Harvard	6,900
		Harvester, The	10,000
		Harvey, A. F.	11,100

—G—

Gallagher, Michael ..	7,600
Ganandoc	3,000
Garretson, General ..	9,100
Gary, Elbert H.	9,800
Gates, J. W.	7,500
Gehm, John	3,200
Gilbert	1,100
Gilchrist, R.	2,700
Glenelg	3,000
Goodyear, F. H.	11,000
Goulder, H. D.	9,300
Grammer, G. J.	6,300
*Grampan	2,200
Granby	2,400
Grand Island	8,000
Graybeaver	3,000
Green, Fred W. ...	3,000

—H—

Hamilcoe	3,000
Hanna, D. B.	2,800
Hanna, Jr., H. M.	8,500
Hanna, L. C.	9,400
Hart, Judge	1,700
Hartwell, Fred G.	13,000
Harvard	6,900
Harvester, The	10,000
Harvey, A. F.	11,100

Vessel	Gross tons	Vessel	Gross tons
Hastings	2,800	*Jenney, W. LeB....	5,500
Hatfield, J. A.	11,200	John, J. B.	4,000
Hebard, Charles S. ..	8,900	Johnson, H.	11,100
Heekin, A. E.	9,800	Joliet	8,800
Hemlock	6,800	Jones, B. F.	9,700
*Hilda	1,000	Jones, Harry R....	7,400
Hill, James J.	7,500	Jupiter	4,900
Hill, L. W.	9,800		
Hobson, Robert	11,000		
Holley, Alex	5,600		
Holloway, J. A.	1,700		
Home, Smith	5,500		
Houghton, D.	6,700		
House, Francis E....	10,800		
Houson, C. H.	2,700		
Hoyt, H Elton	9,200		
Hubbard, Charles..	8,000		
Hubbard, C. R.	9,600		
Huguenot	4,000		
Humphrey George			
M.	10,600		
Huntley, Charles			
R.	1,759		
Huron	8,000		
Hutchinson, C. L..	10,600		

—I—

I. L. I. No. 101	1,500		
I. L. I. No. 102	1,500		
I. L. I. No. 103	1,500		
I. L. I. No. 104	1,500		
I. L. I. No. 105	1,500		
Illinois	6,000		
Inca	2,500		
*India	1,200		
Ingalls, G. H.	6,600		
Inland	3,000		
*Interlaken	1,000		
Ireland, R. L.	9,200		
Iselin, Adrian	2,700		
Ishpeming	9,400		
*Isolde	3,000		
Jack	2,600		
Jenkins, C. O.	9,000		

—J—

Vessel	Gross tons	Vessel	Gross tons
*Lake Kytte	3,400	*Magna	5,400
*Lake Louise	3,400	*Maia	6,300
*Lake Pleasant	4,500	*Maida	3,400
*Lake Sapor	4,500	Maitland No. 1 ..	2,700
Lake Traverse ...	3,100	Malietoa	7,000
Laketon	7,800	Malton	1,900
Lamont, Thos W..	11,100	*Manila	7,200
Lanark	2,800	Manitadoc	7,000
Langell, Simon ...	1,200	Manuel, J. S.	8,000
La Salle	9,600	Maplebay	1,400
Laughlin, James..	9,700	Maplebranch	1,400
Lavaloc	3,000	Maricopa	5,600
Lawrencoc	3,000	Mariposa	4,100
Lebanon	10,300	Maritana	4,100
Lehigh	10,000	Marquette	6,800
Lennox	2,800	Marquette & Bes-	
Leonard, G. B. ...	6,500	semer No. 1.....	2,300
Leopold, N. F.	9,900	*Marsala	7,400
Leslie, Alexander..	5,400	*Martha	5,400
*Liberty	1,400	Maryland	10,300
Liberty	1,000	Massey, F. V.	2,800
Limit, The	1,600	Mataafa	6,400
Lindabury, R. V..	11,300	Material Service..	2,200
Lingeman, O. J. ...	3,000	Mather, Samuel ..	11,000
Linn, William R...	5,600	Mather, W. G.	11,400
Livingston	2,600	Mathewston	12,000
Livingstone, W. ...	9,900	Mathiott, E. G. ...	5,700
Lynch, Thos.	10,600	Maunaloa	6,500
		Maytham, T.	3,500
		Mead, G. W.	3,000
		Meadcliffe Hall ..	3,000
		*Melrose	1,200
		Michigan	9,500
		Midland King	6,000
		Midland Prince ..	9,000
		Miller, L. B.	8,600
		Mills, D. O.	9,600
		Minch, Anna C. ...	6,300
		Minch, Philip	7,600
		Misener, Scott ...	2,700
		Mitchell, Pentecost	6,100
		Mitchell, Samuel ..	2,700
		*Mitschfibre	2,200
		Moll. Clifford F. ...	8,000
		Mondoc	3,000

—Mc—

McCullough, C. H. ..	9,600
McDougall, A.	6,500
McFarland	5,500
McGean, W. H.	8,900
McGonagle, W. A..	11,300
McIntosh, H. P....	9,100
McKellar, J. O.	2,700
McKinney, Price ..	7,400
McLaughlan	11,000
McLean, John H. ...	6,300

—M—

Macoubry, J. H. ...	6,200
MacNaughton, J..	11,100
MacPherson, N. B. ..	1,700
Macbeth	5,500

Vessel	Gross tons	Vessel	Gross tons
*Montezuma	5,200	Paisley, Robt. J.	6,600
Mont Louis	3 00	Palmer, William	
Morgan, J. P.	10,400	P.	10,900
Morgan, Jr., J. P.	10,800	Pargny, Eugene	
Morrell, Daniel J.	11,500	W.	11,300
Morrow, J. S.	6,800	Patdoris	1,000
Morse, Jay C.	9,600	Pathfinder	9,800
Morse, Samuel, F. B.	6,800	Pegasus	6,500
Mudge, E. W.	9,100	*Pellett, Jas. H. ..	6,800
Mullen, John	2,500	Penobscot	3,900
Mullen, Martin	6,500	Pere Marquette 12	2,700
Munising	5,900	Pere Marquette 14	2,500
Munson, John G.	10,000	Pere Marquette 15	2,400
Murphy, Simon J.	6,700	Pere Marquette 17	2,700
—N—			
*Nadine	1,000	Pere Marquette 18	2,700
*Nasmyth, James.	5,500	Pere Marquette 19	2,600
Negaunee	5,700	Pere Marquette 20	2,900
Nelson, W.	5,600	Pere Marquette 21	2,900
Neptune	4,900	Pere Marquette 22	2,900
Nettleton, A. E.	10,000	Perkins, George	
Newbrundoc	3,000	W.	9,800
Niagara	2,800	Perseus	7,500
Nisbett, W. F.	1,700	Phipps, Henry	10,500
Norfolk	2,801	Pickands, Col. J.	11,000
Northton	4,200	Pilkey, W. B.	5,900
Northumberland ..	1,255	Pillsbury, J. S.	1,700
Norton, D. Z.	8,100	Pinebay	1,400
Norway	10,000	Pioneer	8,800
Nottingham, W. ..	6,500	Pittsburgh	1,000
Novadoc	3,000	Poe, Gen. O. M.	6,900
—O—			
Oakbay	1,400	Pollock, W. G.	7,500
Odanah	6,800	Pomeroy, R. W.	1,700
O'Hagan, John J.	3,200	Ponoka	1,900
Olcott, William J.	10,800	Pontiac	10,900
Ontadoc	7,000	Poplarbay	1,400
Osborn, Frank C.	4,650	Portsmouth	5,500
Osborne, A. W. ..	5,900	Post, G. G.	5,000
Oxford	2,800	Prescodoc	3,000
—P—			
Pahlow, Louis	6,500	Presque Isle	6,100
Paine, W. A.	3,000	Price, John	3,000
		Princeton	6,900
		Prindoc	5,700
—Q—			
		*Quebec	1,900

Vessel	Gross tons	Vessel	Gross tons
Quedoc	3,700	—S—	
Queen	2,500	Sacramento	3,300
Queen City	5,600	*Sagamore	3,250
—R—			
Rahane	3,700	Sandcraft	2,000
Rammacher, J. J.	1,700	Sandmaster	2,000
Rand, G. F.	9,800	Sarniadoc	3,000
Ranney, Rufus P.	7,500	Saskadoc	7,000
Ream, N. B.	10,500	Saturn	6,500
*Redchief	3,200	Saucou	10,500
*Redcloud	3,200	Saunders, E. N. ..	9,800
*Redfern	3,200	Schiller, Wm. B.	10,700
*Redhead	3,200	Schneider, Cletus.	5,400
*Redriver	3,200	Schneider, Pam ..	5,400
*Redwood	3,200	Schoellkopf, J. F.	9,600
Reed, James H. ..	7,400	Schoonmaker, Col.	
Rees, W. D.	5,400	Jas. M.	11,800
Reid, J. T.	3,200	Schupp, Wm.	2,800
Reiss Brothers	12,000	Schwab, C. M.	11,000
Reiss, Clemens A.	7,000	Sellwood, Joseph.	9,100
Reiss, J. L.	9,000	Shasta	6,000
Reiss, J. P.	10,000	Shaughnessy, Sir	
Reiss, Otto M.	7,000	Thos.	8,000
Reiss, Peter	10,000	Shaw, Howard L.	6,700
Reiss, Richard J.	7,000	Sheadle, J. H.	9,600
Reiss, Wm. A.	7,000	Shenango	10,800
*Reliance	3,000	Sherwin, John	9,000
Rensselaer	7,000	Shiras, McGilvray	6,400
Reynolds, Walter		Sierra	7,200
B.	3,000	Simcoe	2,800
Richards, J. B.	1,700	Simpson, Jos. W.	2,300
Richardson, R. R.	6,100	Sinaloa	6,300
Richardson, W. C.	6,700	Sioux	3,000
Riverton	7,800	*Smeaton, John	7,400
Robbins, S. H.	6,900	Smith, B. Lyman	6,500
Roberts, Jr., P.	10,900	Smith, Hurlbut	
Robinson, C. S.	9,100	W.	7,000
Robinson, L. W.	2,500	Smith, Lyman C.	10,000
Robinson, T. W.	11,000	Smith Monroe C.	6,500
Rockliffe	3,000	Smith, Wilbert L.	6,500
*Roebing, J. A.	7,400	Snyder, Jr., W. P.	11,800
Rogers, H. H.	10,500	Sonanza	4,400
Rosemount	2,200	Sonora	3,600
Royalton	12,000	Soodoc	7,000
		Soreldoc	3,000

Vessel	Gross tons	Vessel	Gross tons
South Park	4,600	Thordos	3,000
Sparta	6,000	Thunder Bay	
Sprucebay	1,400	Quarries	10,000
Squire, F. B.	8,000	Tomlinson, G. A.	8,900
Stackhouse, P.	9,400	Topping, John A.	11,700
Stanton, John	8,900	Torain, G. L.	1,700
Starmount	2,400	Torondoc	3,000
Steel Chemist	1,600	Townsend, E. Y.	11,500
Steel Electrician..	1,600	Tremaine, M. S.	6,600
Steelmotor	1,600	Trenora	2,500
Steelton	9,000	Trevisa	2,300
Steelvendor	1,600	Trimble, Richard.	11,000
Steinb r e n n e r,		Troisdock	3,000
Henry	6,100	Trousdale, W. H.	7,800
Stephenson,		Turret Cape	2,850
George	5,600	*Tyrona	4,000
Stewart, James	1,700		
Stifel, Wm. F.	6,800	—U—	
Stillwater	2,500	Uhrig, Alex B.	5,000
Stone, Amasa	9,000	U. S. Gypsum	8,200
Sullivan, J. J.	9,900	Upson, A. S.	6,000
Sullivan Bros.	7,000	Upson, J. E.	8,900
Sultana	3,600	Usona	2,000
Sumatra	6,000		
Surewater	2,450	—V—	
Sweden	7,000	Valcartier	5,500
*Swederope	1,500	Valley Camp	2,800
Swiftwater	2,400	Vandoc	7,000
Sylvania	9,800	Vega	6,500
—T—		Venus	4,600
Taplin, Frank E.	6,900	Verona	7,900
Taurus	6,500	Victory	6,600
Taylor, B. H.	10,000	Viking	1,500
Taylor, J. Frater.	5,500	Vinmount	3,100
Taylor, M. C.	11,100		
Taylor, S. G.	1,700	—W—	
Teakbay	2,500	Wallace, J. C. ..	9,600
Ten	2,000	Wallace, R. B.	9,300
Thomas, E. P.	11,100	Walsh, J. P.	8,000
*Thomas, S. G.	3,200	Walters, Thos.	11,000
Thompson, Carmi ..		Warner, W. H.	11,500
A.	10,500	Warren, W. C.	1,700
Thompson, D. P.	10,200	*Werrenco	1,000
Thompson, Smith.	8,000	Waterloo	2,800
		Waterton	2,600

Vessel	Gross tons	Vessel	Gross tons
Watt, J.	6,500	Willowbay	1,400
Way, S. B.	7,800	Wilson, Capt. T.	6,500
Weed, Shelton	1,700	Windoc	7,000
Weir, D. M.	9,600	Wolf, Wm. H.	9,500
Wellandoc	3,000	Wolvin, A. B.	9,700
Werner, Henry P.	5,500	Wood, Joseph	9,000
West, Charles C. ..	8,000	Wyandotte	4,500
Westcliffe	3,000	—Y—	
White, Peter	8,600	Yates, Harry	9,200
White, W. F.	10,000	Yorkton	2,200
Wiarton	2,100	Young, Col. E. M.	9,200
Wickwire, Theo.		Yosemite	5,400
H.	8,000	Youngstown	11,000
Widener, P. A. B.	10,400	—Z—	
Wilkinson, H. S.	12,000	Zenith City	5,300
Williams, Homer ..		Zeising, August ..	11,200
D.	11,300		
Williams, J. C.	9,300		

Directory of Shipbuilding and Ship Repair Yards Serving Shipping on the Great Lakes

The American Ship Building Co.

GENERAL OFFICES

Foot of West 54th Street, N. W., Cleveland, O.

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 W. H. Gerhauser, President.
 A. W. Cross, Assistant to President.
 J. L. Wallace, Assistant to President.
 J. E. Davidson, Vice President and Treasurer.
 G. W. Gottrell, Vice President and General Counsel.
 R. B. Ackerman, Secretary and Auditor.
 G. C. Sheidler, Assistant Secretary and Assistant Treasurer.
 J. C. Workman, Chief Engineer.
 John E. Steinman, General Superintendent.

CLEVELAND PLANT

Foot of West 54th Street, N. W.

Fred L. Obert, Superintendent.

BUILDING BERTH: One; maximum size of ship, 750 feet.

REPAIR FACILITIES: Fully equipped, with dry dock, foundry, machine shop, boiler shop, sheet metal shop, pipe shop, joinery shop, electrical shop, pattern shop, etc., for making complete repairs to ships' hulls, engines, boilers, and auxiliary machinery.

DRY DOCK: Length over all 547' 0"; width of entrance at top, 65' 0"; depth over sill 12' 8".

FLOATING REPAIR EQUIPMENT: One self-propelled steam derrick scow with 10-ton lift; one motor boat, and one barge, all equipped with air compressors, electric welding outfits, etc. Also, one motor delivery launch.

GENERAL INFORMATION: Complete stocks carried of propeller blades, grate bars, furnace fittings, auxiliary machinery parts, etc.

LORAIN PLANT

Colorado Avenue.

Jos. B. Conley, superintendent.

BUILDING BERTHS: Four; two for ships up to 735 feet, and two for ships up to 550 feet.

REPAIR FACILITIES: Fully equipped, with dry docks, machine shop, boiler shop, sheet metal shop, pipe shop, joinery shop, electrical shop, heavy forging shop, etc., for making complete repairs to ships' hulls, engines, boilers, and auxiliary machinery.

DRY DOCKS: No. 1—Length over all, 586' 0"; width of entrance at top, 66' 0"; depth over blocks, 14' 6".

No. 2—Length over all, 736' 0"; width of entrance at top, 80' 0"; depth over blocks, 14' 6".

FLOATING REPAIR EQUIPMENT: Two barges, equipped with air compressors, electric welding outfits, etc.

SUBSIDIARY COMPANIES

Buffalo Dry Dock Company
 Chicago Ship Building Company
 The Superior Shipbuilding Company

Thomas B. Banner Boiler & Welding Co.

15 West Ohio Street, Chicago, Ill

John L. Banner, President.

GENERAL INFORMATION: Have repair facilities to do plate work above water line. Do any kind of boiler and welding work.

Buffalo Dry Dock Company

(Subsidiary of The American Ship Building Company), 191-301 Ganson Street, Buffalo, N. Y.

L. H. Reynolds, Superintendent.

REPAIR FACILITIES: Fully equipped, with dry docks, machine shop, sheet metal shop, pipe shop, joinery shop, electrical shop, etc., for making complete repairs to ships' hulls, engines, boilers, and auxiliary machinery.

DRY DOCKS: No. 1—Length over all, 470' 0"; width of entrance at top, 61' 0"; depth over blocks, 13' 6".

No. 2—Length overall 630' 0"; width of entrance at top, 81' 2"; depth over blocks, 13' 10".

No. 3—Length overall, 401' 0"; width of entrance at top, 53' 0"; depth over blocks, 14' 6".

FLOATING REPAIR EQUIPMENT: One self-propelled steam derrick scow with 10-ton lift, and one barge, both equipped with air compressors, electric welding outfits, etc.

Canadian Vickers, Limited

Maisonneuve, Montreal, Canada.

C. M. Rudel, President.

J. W. Savidant, Comptroller.

W. J. Wardle, Manager, Marine Dept.

REPAIR FACILITIES: Fully equipped to handle any vessel coming to Montreal.

BUILDING BERTHS: Six; length 500 feet.

DRY DOCK: One floating dock, 600 feet long, operated in one or two sections.

Chicago Ship Building Company

(Subsidiary of the American Ship Building Company), 101st Street and Calumet River, South Chicago, Ill.

John Sinclair, Superintendent.

REPAIR FACILITIES: Fully equipped, with dry docks, machine shop, joinery shop, electrical shop, etc., for making complete repairs to ships' hulls, engines, boilers, and auxiliary machinery.

DRY DOCKS: No. 1—Length over all, 570' 0"; width of entrance at top, 71' 8"; depth over blocks, 15' 0".

No. 2—Length over all, 727' 4"; width of entrance at top, 90' 2"; depth over blocks, 16' 0".

FLOATING REPAIR EQUIPMENT: Two motor boats, equipped with air compressors, electric welding outfits, etc.

Collingwood Shipyards, Limited

Collingwood, Ontario

H. B. Smith, President.

John S. Leitch, Vice President and General Manager.

J. J. Swan, Naval Architect.

F. E. Courtice, Chief Engineer.

J. Dalrymple, Superintendent.

E. Podmore, Purchasing Agent.

REPAIR FACILITIES: Fully equipped for all kinds of repairs to steel or wooden vessels—engines, boilers and auxiliaries.

BUILDING BERTHS: Five.

DRY DOCKS: No. 1—518' by 56' 0"; at entrance. No. 2—412' by 95' 0" at entrance.

LIMITING CONDITIONS: 16' 0" draught.

Davie Shipbuilding & Repairing Co., Ltd.

Lauzon, Levis, Que., Canada

George D. Davie, Manager.
Alec Campbell, Naval Architect.
D. Craig, Superintendent.

REPAIR FACILITIES: Hull repairs to vessels of any size. Average engine repairs.

BUILDING BERTHS: Two for 600 foot ships; four for small craft.

DRY DOCKS: No. 1—1150' by 120' by 40' on sill.

No. 2—600' by 62' by 24' on sill.

Defoe Boat & Motor Works

Bay City, Mich.

H. J. Defoe, Manager.
Albert Johnson, Superintendent.
W. E. Whitehouse, Purchasing Agent.
MARINE RAILWAY—500 Tons.

Great Lakes Engineering Works

River Rouge, Mich.

F. G. Morley, President and Treasurer.
George B. Turnbull, Vice President and Gen. Manager.

John T. Webster, Vice President.
R. C. Larkin, Secretary.
Dwight True, Naval Architect.
Howard M. Varian, Chief Engineer.
C. E. Baisley, Yard Manager.

REPAIR FACILITIES: Complete for ship, engine and machinery repairs.

BUILDING BERTHS: Three, 800 foot ship.

DRY DOCKS: No. 1—Steel floating dock 626' over all.

No. 2—Steel floating dock, 162' over all.

DETROIT, MICH., PLANT

Robert Jackson, Manager.
REPAIR FACILITIES: Complete for engine and machinery repairs.

ASHTABULA, OHIO, PLANT

F. C. Pahlow, Yard Manager.
REPAIR FACILITIES: Complete for ship, engine and machinery repairs.
BUILDING BERTHS: One; 800 foot ship.
DRY DOCK: Concrete dock, 650' over all.

The Great Lakes Towing Co.

General Office

1060 Union Trust Bldg., Cleveland, O.

Yard

Foot Jefferson St., Cleveland, O.

G. A. Tomlinson, President.
M. H. Wardwell, Secretary and Treasurer.
H. N. Hobart, Assistant to the President.

REPAIR FACILITIES: Repairs on either steel or wooden tugs and other small craft either steel or wood hulls. Also to machinery or boilers in vessels.

DRY DOCKS: Floating dry dock 80 feet long, with minimum clearance between the towers of 33 feet.

LIMITING CONDITIONS: Can dock tugs and small craft not exceeding the dimensions given above and drawing not more than 12 feet of water.

Kingston Shipbuilding Co. Ltd.

KINGSTON, ONTARIO, PLANT

REPAIR FACILITIES: Fully equipped for all kinds of repairs to steel or wooden vessels—engines, boilers and auxiliaries.

BUILDING BERTHS: Two.

DRY DOCK: No. 1—379' 6" by 55' 0" at entrance.

LIMITING CONDITIONS: 16' 0" draught.

Manitowoc Ship Building Corp.

Manitowoc, Wis.

Charles C. West, President.

A. L. Nash, Vice President and Treasurer.

J. E. Thiell, Secretary.

A. P. Rankin, Vice President, Chief Engineer.

J. A. Egan, Assistant Treasurer.

W. L. Wallace, General Manager and Naval Architect.

H. A. Meyer, Purchasing Agent.

A. L. Pitz, General Supt.

J. J. Norris, Superintendent (Boiler Works).

REPAIR FACILITIES: Full facilities for boiler, machinery and hull repairs.

BUILDING BERTHS: Three; 600 feet.

DRY DOCKS: No. 1—Floating dock 650' x 70'.

GENERAL INFORMATION: Maintain complete facilities for all classes of ship repairs, also furnishing of stores and supplies.

Marine Iron & Ship Building Co.

Foot of 11th Ave., West Duluth, Minn.

M. Christianson, President.

John Abernethy, Vice President and Chief Engineer.

John Geistman, General Manager and Secretary.

A. Halvorson, Naval Architect.

Swan Larson, Superintendent.

REPAIR FACILITIES: Hull and engine.

BUILDING BERTHS: Two; 300 feet.

DRY DOCK: Floating, 1500 ton.

The McLouth Shipyards

Marine City, Mich.

Peirce McLouth, President.

Guy H. Taylor, Superintendent.

T. H. Taylor, Secretary and Treasurer.

REPAIR FACILITIES: Fully equipped with machine shop, punch and blacksmith shop,

electric welder, etc., to make repairs to hull, engines and boilers in water.

MARINE RAILWAYS: Two, 100 tons capacity for yachts up to 90 feet. Fully equipped for making all repairs to yachts.

Midland Shipbuilding Co., Ltd.

Midland, Ontario.

W. H. Coverdale, President.

T. R. Enderby, General Manager.

R. B. Thomson, Secretary.

J. I. Hobson, Treasurer.

James Wilkinson, Manager.

James McLachlan, Naval Architect.

Arthur B. Clark, Chief Engineer.

REPAIR FACILITIES: Fully equipped for boiler or engine repairs.

BUILDING BERTHS: One at 650' or two at 625'.

Port Arthur Shipbuilding Co. Ltd.

Port Arthur, Ont., Can.

H. B. Smith, President.

J. S. Leitch, Vice-President.

A. B. Conmee, Manager and Secretary-Treasurer.

G. F. McDougall, Assistant Treasurer.

L. E. Tornroos, Naval Architect and Chief Engineer.

B. H. Saunders, Shipyard Superintendent.

REPAIR FACILITIES: Complete facilities for repairs to hulls, engines, boilers and auxiliaries.

BUILDING BERTHS: Two, 650' long.

DRY DOCK: One, 700' long, 98' wide. Water over sill at normal lake level 16'.

GENERAL INFORMATION: The only dry dock on the Canadian side of the Great Lakes that can dock a vessel of 550' or over.

Sturgeon Bay Shipbuilding & Dry Dock Co.

Sturgeon Bay, Wis.

BUILDING BERTHS: Three.

DRY DOCKS: No. 1—100'.

No. 2—70'.

No. 3—200'.

The Superior Shipbuilding Co.

(Subsidiary of the American Ship Building Company), Clough Ave., and Third St., Superior, Wis.

R. J. Close, Superintendent.

REPAIR FACILITIES: Fully equipped, with dry docks, machine shop, joinery shop, electrical shop, etc., for making complete repairs to ships' hulls, engines, boilers, and auxiliary machinery.

DRY DOCKS: No. 1—Length over all, 609' 0"; width of entrance at top, 66' 0"; depth over sill, 13' 6".

No. 2—Length over all, 620' 0"; width of entrance at top, 66' 6"; depth over sill, 17' 0".

FLOATING REPAIR EQUIPMENT: Self-propelled steam derrick scow with 10-ton lift and equipped with air compressor, electric welding outfit, etc. Also motor boat fitted with electric welder and air compressor.

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 E. Hopkins, Vice President and Naval Architect.
 J. Burton Ayers, Secretary and Assistant Treasurer.
 J. F. Rawlinson, General Superintendent.
 J. O. Crafts, Chief of Machinery Department.

REPAIR FACILITIES: Complete facilities for building and repairing all kinds of steel vessels, their engines and boilers, also the auxiliary machinery.

BUILDING BERTHS: Three, capacity for vessels up to 650' in length.

DRY DOCKS: No. 1—Concrete with steel gate, length 690', width 96', depth over sill 14' 6".
 No. 2—Wood, with steel gate, length 560', with 80', depth over sill, 13' 0".

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Marine Supplies—MAGNER, EDWARD, & SONS. Distributors for New Bedford Cordage Co. Tarpaulins, Manila Rope, Marine Supplies. Phone: CLEVELAND 7257.

Meats—GEHM, JOHN, 1-3-4-5-7 Elk St. Dealer in choice meats of all kinds. Phones: Bell 1204; Seneca 21134.

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Repairs—NORTH BRANCH RIVER SHIPYARD, 1500 Kingsbury St. All kinds of repairing. Also Electric and Acetylene welding and cutting. Day Phone: Diversey 4030. Night Phones: Albany 4099, Columbus 8265.

Repairs—ROSNER BOILER WORKS, 1520-1522 N. Halstead St. Electric and Acetylene Welding and cutting.

Welding—BANNER, THOMAS B., BOILER & WELDING CO., 13-15 West Ohio St.

CLEVELAND, O.

Architects (Marine)—SMITH BROTHERS, 754 Rockefeller Bldg., Marine Architects, Surveyors and Appraisers.

Bank—CENTRAL UNITED NATIONAL BANK, 308 Euclid Ave.

Bank—SOCIETY FOR SAVINGS, Public Square.

Books—PENTON PUBLISHING CO., THE, (Book Department), Penton Bldg., Lakeside and W. 3rd St. We can supply any book in print.

Coal—IRONVILLE DOCK & COAL CO., THE, 1300 Leader Bldg.

Flags—SHERRITT FLAG CO., 4020 W. 160th St., American Flags, House Flags, Code Flags and Special Flags of all kinds.

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- Lubricating Oils**—VACUUM OIL CO., INC. (Lake Marine Dept.) 2846 E. 37th St. GARGOYLE MARINE OILS.
- Packing**—ANCHOR PACKING CO., THE, 306 Rockefeller Bldg. Phone: PROspect 2748.
- Packing**—DISCH, JNO. J., CO., 6217 Franklin Blvd. Complete Stock—30 minute delivery service. Phone: WOODbine 6717.
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- Provisions**—HAUSHEER & SONS CO., THE, 1220-1228 W. 11th St., 128-32 Dock. Meats, groceries, vegetables, fruits, ship supplies and Laundry. Phone: MAin 1580. Night Phone: EVERgreen 3632.
- Repairs**—RUD MACHINE CO., THE, 1036 W. 11th St. Phone: CHerry 3883.
- Shipbuilders**—AMERICAN SHIP BUILDING CO., THE, Foot of W. 54th St., N. W. Phone: EVERgreen 2280.
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Meats—ROLL HART'S MEAT MARKET. (Frank Wechter, Solicitor). Meats, Fish, Poultry and Milk. Day and Night Service. Phone: 2 on 19; Residence: 169-G.

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Shipbuilders—AMERICAN SHIP BUILDING CO., THE, Colorado Ave. Phone: Lorain 8112.

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