

**The
Great Lakes
RED BOOK**

1930

**A list of over 1200 Vessels of
the Great Lakes, together
with the name of Owner,
Captain and Engi-
neer of each Vessel,
Shipbuilding, and
Repair Yards**

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Marine Review

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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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 The Penton Publishing Co.

Season of 1930

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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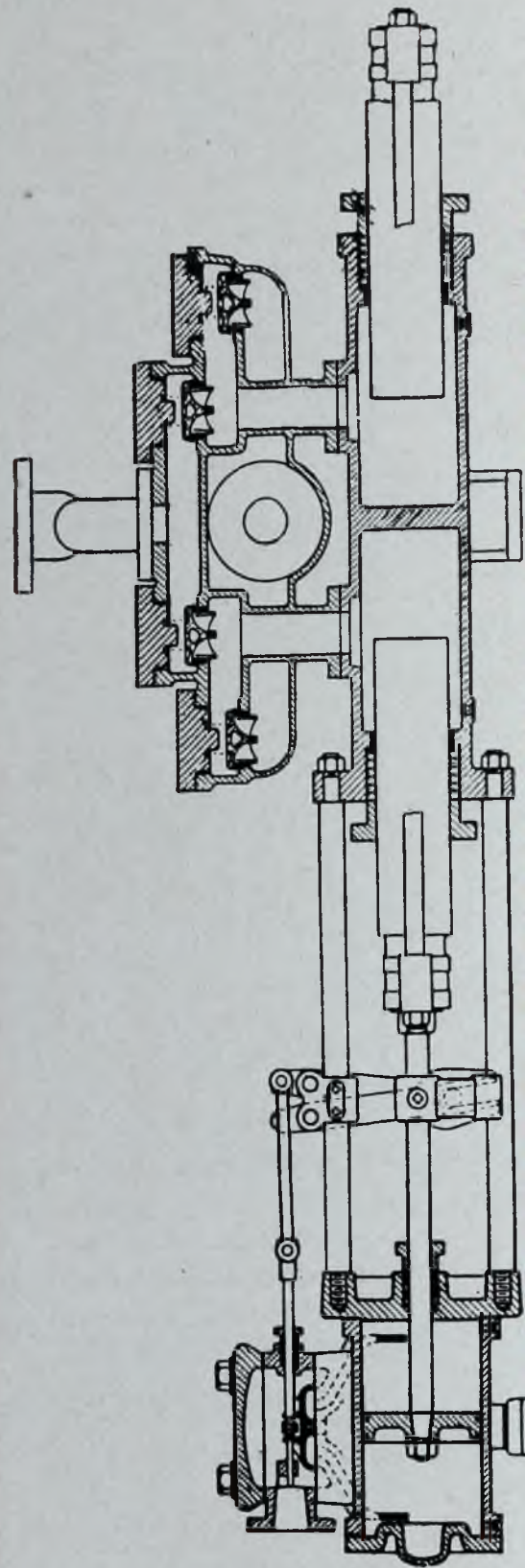
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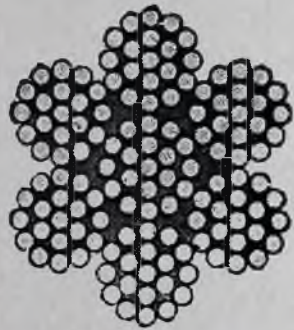
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**WRITE
FOR**

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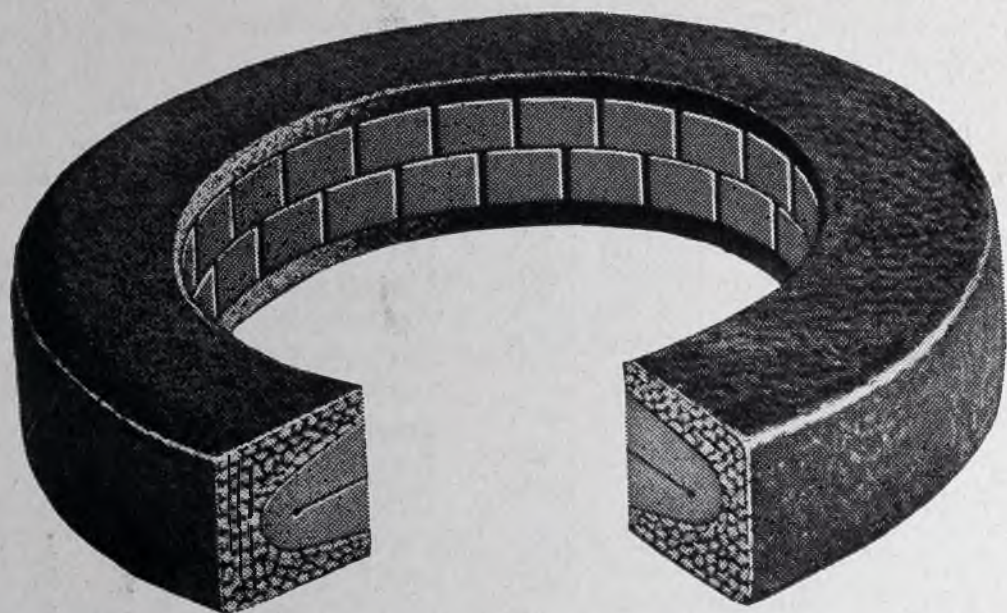
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Vessel	Fleet No.	Vessel	Fleet No.
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 Chicago, Ill.

Buffalo, N. Y.
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Vessel	Fleet No.	Vessel	Fleet No.
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Vessel	Fleet No.	Vessel	Fleet No.
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Vessel	Fleet No.	Vessel	Fleet No.
Grammer, G. J.....	24	Harrison, C. H.	314
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Vessel	Fleet No.	Vessel	Fleet No.
Houson, C. H.	237	Iselin, Adrian	135
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Iron Cliff	164	McCartney	383
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Isabella H.	148	Kenosha	123
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East Aurora, N. Y.

Vessel	Fleet No.	Vessel	Fleet No.
Kenosha	314	Lake George	81
Kentucky	131	Lakegravel	250
Kerr, D. G.	285	Lake Hemlock	109
Keybar	172	Lake Kytte	109
Keybell	172	Lake Louise	109
Keynor	172	Lakeside III	30
Keyport	172	Laketon	215
Keystate	172	Lakewood	33
Keystone (nee City of St. Ignace)....	257	Lamont, Thomas W.	285
Keyvive	172	Lanark	38
Keywest	172	Landsdowne	42
Kinch, W. H.	127	Langell Boys	50
Kindersley	38	Langell, Simon	227
King	233	La Salle	70
King, A. B.	21	La Salle	86
King, Erl	174	La Salle	108
King, Willis L.	162	Laughlin, James....	162
Kingdoc	270	Laurette	208
Kingston	38	Laurier, W.	267
Kinmount	38	Lavaldoc	270
Kinney, A. T.	176	Lawrence	288
Kiowa	21	Lawrendoc	270
Kipawa	38	Lebanon	16
Kling, John A.	310	Lee	127
Koenig, Peter	177	Lehigh	16
Knowlton	38	Lemoyne	38
Kreetan	179	Lenahan, Ed.	74
Krupp, Alfred	285	Lenahan, John J...	52
		Lennox	38
La Belle	138	Lecnard, G. B.	130
Lachinedoc	270	Leopold, N. F.	155
Lackawanna	16	Le Lauzon	58
Lady Barbara	127	Le Progres	58
Lady Grey	230	Leslie, Alexander...	183
Lafayette	298	Lethbridge	38
Lagonda	281	Lewiston	66
Lahman, Sr., W. F.	7	Levis	292
Lake Allen	109	Liberty	26
Lake Crystal	109	Liberty	71
Lake Folcroft	109	Liberty	74
Lake Freeland	109	Lighthouse No. 75	380
Lake Frugality	109	Lighthouse No. 96	380
Lake Frumet	109	Limit, The	397
		Lindabury, R. V...	285

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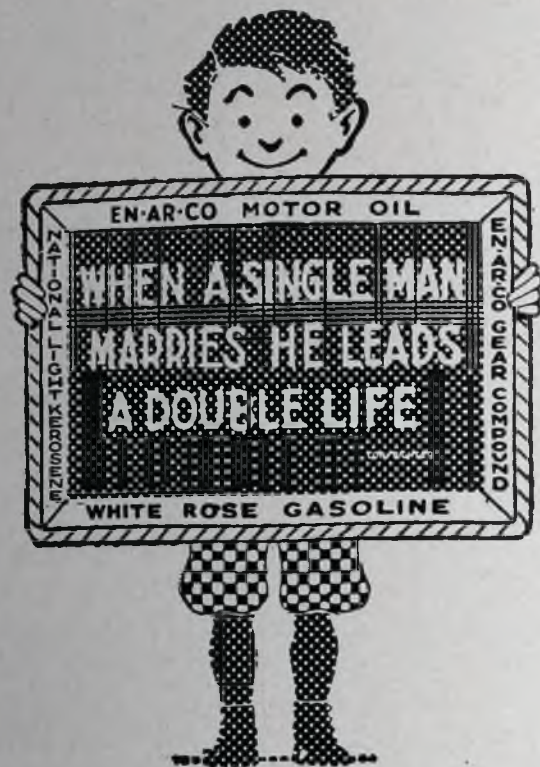
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Vessel	Fleet No.	Vessel	Fleet No.
Linn, William R...	285	Mackinac City	223
Lingeman, O. J.....	226	MacNaughton, J.....	399
Livingston	215	MacPherson, N. B.	23
Livingstone, W.....	261	Macsin	330
Lloyd, C. C.	243	Madison	125
Loomis, Ed. E.....	132	Magna	285
Lorain	131	Mago, B. A.	205
Loretta	84	Mago Transit No. I	205
Lotbiniere	330	Mago Transit No.	
Lotus	47	II	205
Louisiana	131	Magog	38
Louisville	25	Maia	285
L. S. 3	127	Maida	293
Lucknow	34	Maid of the Mist	
Luckport	34	No. 1	206
Luebke	194	Maid of the Mist	
Luella	362	No. 2	206
Lutz, T. C.	131	Maine	131
Lydon, William A..	127	Maitland No. 1	360
Lynch, Con	39	Maitland Rose	243
Lynch, Thomas	285	Maitland, Thomas..	294
Lyon, Charles	44	Majestic	127
M-9	127	Maley, George W...	30
M. C. K.	2	Malietoa	285
McCullough, C. H.	281	Malton	215
McDonald, No. 8....	208	Mamie	330
McDonough, Col.		Manila	285
M, J.	390	Manistique	330
McDougall, Alex....	285	Manitoba	45
McFarland	384	Manitou	91
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McGinnis	127	Manitowoc	378
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MacAuley, Laird	39	Mapleheath	38
Macbeth, A. D.	31	Maplehill	38
		Mapleton	38



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Vessel	Fleet No.	Vessel	Fleet No.
Maricopa	285	Menasha	378
Marigold	380	Mercereau, W. L... 131	
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Marjorie	212	Michigan	127
Marold II	147	Michigan	131
Marquette	60	Michigan	144
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Martha	285	Midland Prince ... 38	
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Martin H. 142		Mills, D. O. 281	
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Massachusetts	131	Minnesota	131
Massey, F. V. 376		Minnie W. 128	
Mataafa	285	Misener, Scott	237
Mather, Samuel ... 281		Missisquoi	93
Mather, W. G. 60		Mississippi	131
Mathewston	215	Missouri	131
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Maunaloa	285	Mitschfibre	88
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Maytham, Thomas 114		Montana	131
Mead, G. W. 253		Montauk	67
Meade, G. G. 378		Montezuma	81
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Meldrum, H. A. ... 217		Morgan, Jr., J. P. 285	
Melrose	330	Morrell, Daniel J... 17	
		Morrison, J. D. 128	

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Vessel	Fleet No.	Vessel	Fleet No.
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Murphy, Denis	267	North American... 54	
Murphy, Simon J... 285		North Harbor	131
Murray, Alfred J... 193		Northton	215
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		No. 3	200
Nadine	393	No. 4	397
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National	72	No. 54	127
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Newton	254	Octorara	132
New York	25	Odanah	281
New York	127	Ohio	127
New York	131	Ohio	131

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Vessel	Fleet No.	Vessel	Fleet No.
Oiseau	273	Penetang	38
Olcott, W. J.	285	Penobscot	258
Ontadoc	270	Pennsylvania	70
Ontario No. 1.....	264	Pennsylvania	131
Ontario No. 2.....	264	Pentland	148
Oregon	131	Pere Marquette 6	213
Oriana	243	Pere Marquette 12	277
Orleans	254	Pere Marquette 14	277
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Osborne, A. W.	399	Pere Marquette 18	277
Osler	38	Pere Marquette 19	277
Ottawalite	158	Pere Marquette 20	277
Ottawan	267	Pere Marquette 21	277
Our Son	322	Pere Marquette 22	277
Outagamie	336	Perew, John	396
Owen	7	Perkins, Geo. W....	285
Oxford	38	Perry, D. P.	10
		Perry, Oliver H....	262
		Perry, W. G.	284
		Perseus	281
		Peshtigo	21
		Peter	325
		Peter B.	330
		Peterson, Frank J.	279
		Petoskey	121a
		Phelps, M. G.	101
		Philadelphia	25
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		(See Sylvania)	
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		Phipps, Henry	285
		Pickands, Colonel	
		James	281
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		Pierce, E. M.	131
		Pilkey, W. B.	386
		Pillsbury, J. S. ...	23
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		Pinebay	371
		Pinola	144
		Pioneer	60
		Pittsburgh	25
		Pittsburgh	284
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P. W. D. No. 117..	83		
Page, M. W.	21		
Pahlow, Louis	195		
Paine, William A... 156			
Paisley, Robert J... 64			
Palmer, Wm. P. (see			
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Palmer, Wm. P.	285		
Pandora	193		
Paoli	240		
Pappoose	86		
Pargny, E. W.	285		
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Passepartout	141		
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Pelee	399		
Pelerin	298		
Pellett, James H... 99			

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Vessel	Fleet No.	Vessel	Fleet No.
Plessis	192	Ramona	304
Poe, Gen. Orlando		Rand, G. F.	22
M.	285	Ranney, Rufus P..	358
Pollock, W. G.	224	Rapids King	38
Pomeroy, Robt. W..	23	Rapids Prince	38
Ponoka	38	Rapids Queen	38
Pontiac	60	Ream, Norman B..	285
Pontiac	86	Record	73
Pontoon	131	Record	212
Pope, E. C.	258	Reddington, N.	330
Poplarbay	372	Redfern, C. E.	190
Portsmouth	38	Reed, Isabel	330
Potter, George R..	82	Reed, James H.	281
Pratt, John	330	Rees, W. D.	399
Prentice, J. H.....	164	Reid, J. T.	258
Prescodoc	270	Reidenbach, R. P..	131
Prescott	38	Reiss, Clemens A..	308
Presque Isle	62	Reiss, J. L.	308
Primrose	362	Reiss, John P.	308
Prince Ray	89	Reiss, Otto M.	339
Princeton	8	Reiss, Peter	307
Princeton	285	Reiss, Peter	308
Prindoc	270	Reiss, Richard J....	308
Procter, Dan.	167	Reiss, William A..	308
Progress	258	Reliance	131
Promise	86	Reliance	187
Provincial II	294	Reliance	207
Puckasaw	252	Relief	131
Puritan	235	Renfrew	38
Purvis, E. D. M....	295	Renown (See Beau-	
Put-in-Bay	11	mont Parks)	
Pythonga	40	Rensselaer	285
		Renvoyle	38
Q. H. C. No. 2	299	Rescue	131
Quebec	38	Resolute	131
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Queen City	285	Richardson, R. R..	285
		Richardson, W. C..	261
Racine	131	38
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Rahane	300	Rideaulite	378
Rainbow	216	Riprap	330
Rammacher, J. J....	23	Rival	151
		Riverside	

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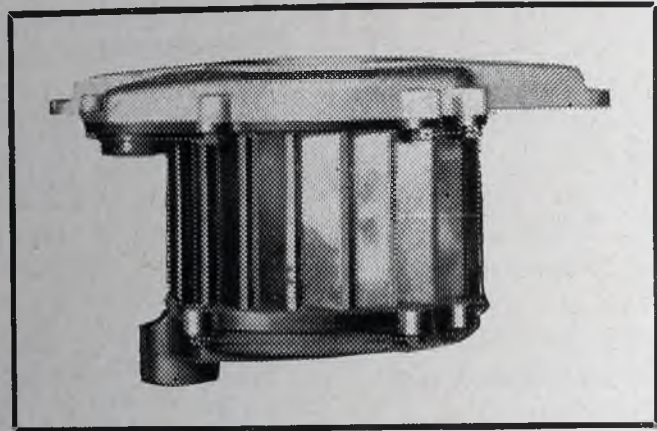
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Vessel	Fleet No.	Vessel	Fleet No.
Riverton	215	Sapin	298
Robbins 3	100	Sargent, Fred W... 132	
Robbins, S. H.	399	Sarnia City	330
Robert E.	208	Sarnian	38
Roberts, Jr., P....	208	Sarnolite	158
Roberts, Wm. T....	22	Saskadoc	270
Robinson, C. S....	281	Saskatchewan	38
Robinson, L. W....	135	Saskatoon	38
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Rochester	74	Saturn	281
Roebling, John A..	285	Saucon	16
Roen, Marquis	312	Saugatuck	168
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Roosevelt, Theodore	121	Scandrett, H. A....	132
Rosemount	38	Schiller, Wm. B....	285
Rouille	361	Schneider, A. E. R.	385
Royalite	158	Schneider, Cletus..	64
Royalton	215	Schoellkopf, J. F.,	
Royan	38	Jr. (nee Hugh	
Russell	40	Kennedy)	22
Russell, Gerald B..	330	Schoonmaker, Col.	
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Sandusky	131	Shaw, Howard L....	285
		Shaw, Quincy A....	139

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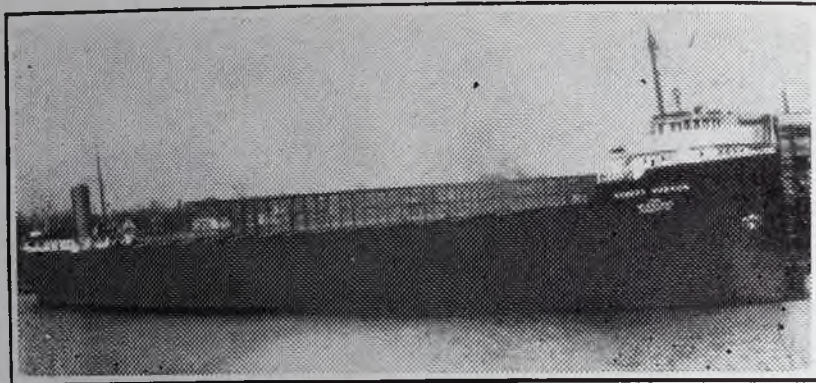
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Cleveland, Ohio



Vessel	Fleet No.	Vessel	Fleet No.
Sheadle, H. J.	60	St. Anne De	
Sheboygan	123	Beaupre	38
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Shenango	329	St. Peter	141
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Sprucebay	373	Sullivan, J. J.	156
Squatter	325	Sullivan, Roger C.	127
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Vessel	Fleet No.	Vessel	Fleet No.
Sultana	258	Toledo	131
Sumac	381	Tomlinson, G. A....	156
Sumatra	356	Topping, John A....	261
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Sweden	130	Torandoc	270
Swederope	88	Toronto	38
Swiftwater	391	Torrent	107
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Sylvia	219	Towagmoc	330
		Townsend, E. Y....	17
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Talaralite	158	Trevisa	41
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Taylor	240	Triton	240
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Thompson	335	Upson, J. E.	399
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Thompson, D. P....	156	Usona	119
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Tionesta	132	Vandoc	270

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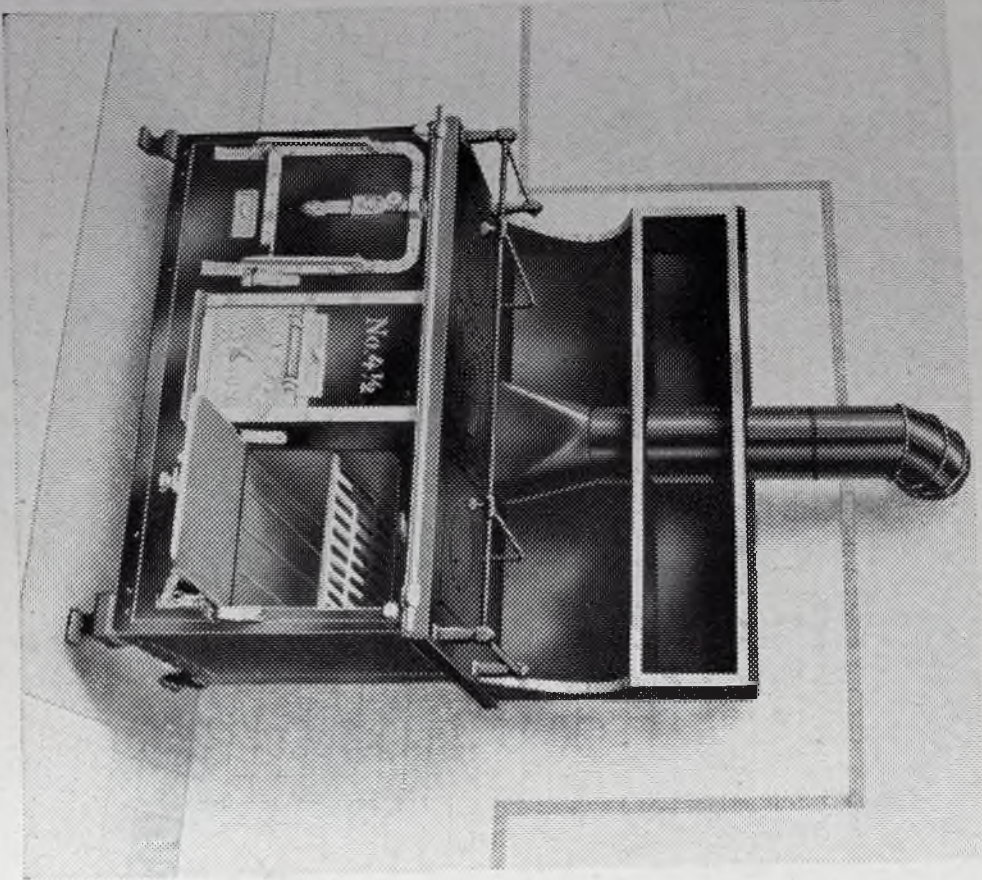
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- 1 **Abitibi Power & Paper Co., Box 308, Toronto, Ont. (Owner and Operator)**
 Str. WahcondahCapt. F. G. Moles.....Engr. Wm. Dungan
 Abitibi Power & Paper Co. (See Fleet No. 187)
 Ace Steamship Corp. (See Fleet No. 232)
- 2 **Alexander, C. J., Dunkirk, N. Y. (Owner and Operator)**
 Tug M. C. K.(Not in commission)
 Tug Gas TwinsCapt. Robt. J. Alexander.....Engr. Robt. J. Alexander
 Algoma Central & Hudson Bay Railway Co. (See Fleet No. 3)
- 3 **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. FranzCapt. A. McIntyreEngr. A. M. MacInnes
 Str. Home SmithCapt. Jos. ArmstrongEngr. Wm. Tymon
 Str. J. Frater TaylorCapt. M. A. Loughead.....Engr. Thos. Bogie
- 4 **Algoma Transit Co., care Soo Dock, Sault Ste. Marie, Ont. (Owner and Operator)**
 Str. WacontaCapt.Engr
- 5 **Allen, Curtis and Orin, Kewaunee, Wis. (Owner and Operator)**
 Tug Elsa M.Capt.Engr.

6 Allied Oil Transport Co., Inc., Guarantee Title Bldg., Cleveland.
(Owner and Operator)
Philip Clover (In Charge of All Operations)
Str. T. S. CrudoilCapt. W. S. HolmesEngr. William Klass

7 Alpena Towing Co., Alpena, Mich. (Owner and Operator)
Tug ChiefCapt.Engr.
Tug W. F. Lahmann, Sr.Capt.Engr.
Tug OwenCapt.Engr.

8 American Construction Co., Marion Bldg., Cleveland, O. (Owner and Operator)
Tug AlbatrossCapt.Engr.
Tug AubreyCapt.Engr.
Tug PrincetonCapt.Engr.
American Steamship Co. (See Fleet No. 22)

9 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. Louis A. Hanson.....Engr. M. Dahlgren
C. F. Ann Arbor No. 4.....Capt. Albert StraubelEngr. L. Swiger
C. F. Ann Arbor No. 5.....Capt. Chas. Frederickson.....Engr. S. Arnerson
C. F. Ann Arbor No. 6.....Capt. B. H. Hanson.....Engr. S. J. Hawkins
C. F. Ann Arbor No. 7.....Capt. A. L. Larson.....Engr. Wm. L. Campbell
C. F. WabashCapt. B. F. Tulledge.....Engr. George Johnson

10 Arnold Transit Co., Mackinac Island, Mich. (Owner and Operator)
Str. ElvaCapt. S. A. Carow.....Engr.
Str. IslanderCapt. Louis Gondreau.....Engr. Spencer Clark
Str. D. P. PerryCapt. Edw. LaDuke

Ashbay Steamship Co., Ltd. (See Fleet No. 364)

11 Ashley & Dustin Steamer Line, 170 First St., Detroit, Mich.
(Owner and Operator)
Str. Put-in-BayCapt. John N. PetersonEngr. Edward Gelnan
Aube Steamship Co., Ltd. (See Fleet No. 209)

12 Barlum Steamship Co., 2720 Grand River Ave., W., Detroit, Mich.
(Owner and Operator) John J. Barlum, Manager
Str. John J. BarlumCapt. A. J. MahonEngr. W. C. Houston
Str. Thomas BarlumCapt. R. A. CainEngr. Luke Manion

13 Barnett & Record Co., The, Duluth, Minn. (Owner and Operator)
Tug Charley FerrisCapt.Engr.
Tug John E. MeyerCapt. Einar MillerEngr. H. Oestreich

14 Bay of Quinte Transportation Co., Ltd., Picton, Ont. (Owner and Operator)
C. D. Wilson, Port Captain.
Str. Glen AllanCapt. D. B. ChristieEngr. John Gilbert Reid

15 Bay Transportation Co., The, Sandusky, O. (Owner and Operator)
Beechbay Steamship Co., Ltd. (See Fleet No. 365)
Str. G. A. BoecklingCapt. Henry J. WitcherEngr. Adolph Stein
G. L. AmericaCapt. Wilson VoightEngr. Wilson Voight

Beechbay Steamship Co., Ltd. (See Fleet No. 365)

16 Bethlehem Transportation Corp., 1750 Union Trust Bldg., Cleveland, O.
(Owner and Operator)
H. K. Oakes, Vice President; Thomas W. Braund, Fleet Engineer
Albert H. Amhaus, Assistant Fleet Engineer.
Str. BethlehemCapt. M. AndersonEngr. Val. Kraemer

Str. Cambria	Capt. Andrew Andrews	Engr. N. A. Perry
Str. Lackawanna	Capt. George McGarry	Engr. Stanley Hopton
Str. Lebanon	Capt. J. R. Sullivan	Engr. W. J. Cunningham
Str. Lehigh	Capt. W. R. Jerome	Engr. C. B. Culver
Str. Maryland	Capt. Fred Sturtevant.....	Engr. E. H. Parry
Str. Saucon	Capt. Chas. B. Gardner	Engr. Fred Beebe
Str. Steelton	Capt. J. E. Kohnert	Engr. C. Ellis Pletcher

17 Bethlehem Transportation Corp., 1750 Union Trust Bldg., Cleveland (Operator)
 (Cambria Steamship Co.) (Owner)

H. K. Oakes, Vice President; Thomas W. Braund, Fleet Engineer
 Albert H. Amhaus, Assistant Fleet Engineer

Str. Daniel J. Morrell	Capt. B. M. Landfair	Engr. LaForest Benson
Str. Edward Y. Townsend....	Capt. George B. Brick	Engr. George Pennycok

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18 Bethlehem Transportation Corp., 1750 Union Trust Bldg., Cleveland (Operator)
 (Franklin Steamship Co.) (Owner)

H. K. Oakes, Vice President; Thomas W. Braund, Fleet Engineer
 Albert H. Amhaus, Assistant Fleet Engineer

Str. Edward J. Berwind	Capt. Edward P. Fitch	Engr. Thomas Griffiths
Str. Emory L. Ford	Capt. C. C. Balfour	Engr. Edward F. Beger
Str. Fred G. Hartwell	Capt. D. C. Sullivan	Engr. Sigurd F. Ramberg

19 Bethlehem Transportation Corp., 1750 Union Trust Bldg., Cleveland (Operator)
 (Mahoning Steamship Co.) (Owner)

H. K. Oakes, Vice President; Thomas W. Braund, Fleet Engineer;
 Albert H. Amhaus, Assistant Fleet Engineer

Str. William H. Donner	Capt. C. C. Hanley	Engr. Homer T. Stearns
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Str. Leonard C. Hanna	Capt. F. DesJardins	Engr. J. A. McCarron
Str. Powell Stackhouse	Capt. V. L. Hosner	Engr. Roland P. Frye

20 Bielman, C. F., Foot Griswold St., Detroit, Mich. (Owner and Operator)
 Str. C. F. Bielman, Jr.....Capt. Wm. Scherer

Engr. O. L. Winslow
 Birchbay Steamship Co. Ltd. (See Fleet No. 366)
 Bison Steamship Corp. (See Fleet No. 260)

21 Blodgett, O. W., 602 North Madison Ave., Bay City, Mich. (Operator)
 (Each vessel listed below owned by a different company)

Str. Charles H. Bradley	Capt.	Engr.
Str. Cayuga	Capt.	Engr.
Str. A. B. King	Capt.	Engr.
Str. Kiowa	Capt.	Engr.
Sch. Grampian	Capt.	Engr.
Sch. Nelson C. Holland	Capt.	Engr.
Sch. M. W. Page	Capt.	Engr.
Sch. Peshtigo	Capt.	Engr.

53

22 Boland & Cornelius, Marine Trust Bldg., Buffalo, N. Y. (Operator)
 (American Steamship Co.) (Owner)

S. E. Smith, Superintending Engineer of Fleet.

Str. John J. Boland	Capt. B. C. McLaren	Engr. John Berg
Str. Stephen M. Clement	Capt. James Healey	Engr. Chas. Dowd
Str. Adam E. Cornelius	Capt. Gus Carlson	Engr. A. B. Fraser
Str. Louis R. Davison	Capt. David Elliott	Engr. L. Bundschuh
Str. Frank H. Goodyear	Capt. J. A. Montgomery	Engr. Dan D'Arcy
Str. J. F. Schoellkopf, Jr....		
(nee Hugh Kennedy)	Capt. James Herbert	Engr. John Cunningham

Str. Clifford F. Moll	.....	Capt. H. A. Stewart	.....	Engr. Chas. McAuliff
Str. G. F. Rand	.....	Capt. Thos. Heffernan	.....	Engr. Frank McCarthy
Str. William T. Roberts	.....	Capt. John Larson	.....	Engr.
Str. Theodore H. Wickwire	.....	Capt. Martin Walle	.....	Engr. Wm. Sauber
Str. Theo. H. Wickwire Jr.	.....	Capt. Wm. Burns	.....	Engr. R. B. Goodwin
Str. G. H. Wilson	.....	Capt. Chas. McNally	.....	Engr. Percy Worden
Str. Harry Yates	.....	Capt. P. L. Williamson	.....	Engr. Dan McCarthy

23

Boland & Cornelius, Buffalo, N. Y. (Operator)

(Eastern Steamship Co. Ltd.) (Owner)

S. E. Smith, Superintending Engineer of Fleet

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. S. 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.

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Str. George L. Torain	Capt.	Engr.
Str. William C. Warren	Capt.	Engr.
Str. Shelton West	Capt.	Engr.

24 **Boland & Cornelius, Marine Trust Bldg., Buffalo, N. Y. (Operator)**

(Eastern Steamship Corp.) (Owner)

S. E. Smith, Superintending Engineer of Fleet.

Str. G. J. Grammer	.....	Capt. ....	.....	Engr.
Str. George H. Ingalls	.....	Capt. E. Solberg	.....	Engr. Frank Sweinhardt
Str. Inland	.....	Capt. ....	.....	Engr.
Str. Morris S. Tremaine	.....	Capt. J. J. Stemman	.....	Engr. Jos. Miller
Str. Henry P. Werner	.....	Capt. G. A. Raymond	.....	Engr. Ed. McDuff

25 **Booth Fisheries Co., 205 North Michigan Avenue, Chicago, Ill. (Owner and Operator)**

Tug Alert	.....	Capt. ....	.....	Engr.
Tug Baltimore	.....	Capt. A. Abramson	.....	Engr. Ed. Hayes
Tug Chattanooga	.....	Capt. ....	.....	Engr.
Tug Cincinnati	.....	Capt. ....	.....	Engr.
Tug Courtney L.	.....	Capt. E. G. Tuttle	.....	Engr. Wm. Gleason
Tug Hollis M.	.....	Capt. ....	.....	Engr.
Tug Louisville	.....	Capt. J. J. Feickeis	.....	Engr. T. E. Lanigan
Tug Nashville	.....	Capt. H. Johnson	.....	Engr. D. Lewis
Tug New York	.....	Capt. M. Anderson	.....	Engr. D. Babbs
Tug Philadelphia	.....	Capt. ....	.....	Engr.
Tug Pittsburgh	.....	Capt. E. C. Burgeson	.....	Engr. C. Goodwin

55

26 **Boyd, Harry H., 102 Chestnut St., Erie, Pa. (Owner and Operator)**

Tug Liberty	Capt. Harry H. Boyd	Engr.
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Bradley Transportation Co. (See Fleet No. 245)

27 **Brigham, Charles, 164 Dearborn St., Buffalo, N. Y. (Owner and Operator)**

Tug W. J. Warwick 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. Fred Vieau

Str. W. H. Truesdale Capt. John A. McDonald Engr. Ray Hanel

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

Str. Inland (Appointments not available)

Brown Steamship Co. (See Fleet No. 28)

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

Tug Lakeside III Capt. Alex Metzo Engr.

Tug Geo. W. Maley Capt. Jack Metzo Engr.

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

John T. Hutchinson, Hutchinson & Co., Manager.

Str. A. D. Macbeth Capt. Harold Jacobson Engr. E. D. Butler

Str. Mariposa Capt. A. Kristiansen Engr. E. R. Liberty

Str. Maritana Capt. Wm. Schlegel Engr. P. E. Sparre

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

George C. Hall, President and General Manager.

Str. Canadiana Capt. Alfred Johnson Engr. Frank Paddock

33 **Buffalo Gravel Corp., 19 Hudson St., Buffalo, N. Y. (Owner and Operator)**

R. W. Eberly, General Manager.

Str. Weston M. Carroll Capt. Engr.

Str. Crescent Capt. Engr.

Str. Hyman Capt. Engr.

Str. Lakewood Capt. Engr.

Str. Victoria Capt. Engr.

Tug J. E. Carroll Capt. Engr.

Tug M. B. Fuller Capt. Engr.

Bunce Transit Co. (See Fleet No. 278)

34 **Burke Towing & Salvage Co., Ltd., Midland, Ont. (Owner and Operator)**

Edward F. Burke, Captain.

Tug Fanny Arnold Capt. Chas. Malcolm Engr.

Tug Lucknow (Appointments not available)

Tug Luckport (Not in commission)

Tug Strathbogie Capt. Chas. Lynn Engr. Jas. Readman

Bge. Allan No. 2 Capt. Engr. Jos. Hamilton

Butler Brothers (See Fleet No. 225)

Cambria Steamship Co. (See Fleet No. 17)

35 **Cameron Steamship Co., 1010 Francis Palms Bldg., Detroit, Mich.**
(Owner and Operator) John H. Cameron, Manager.

Str. M. G. Hausler Capt. Engr.

36 Canada Atlantic Transit Co. of U. S., 226 New Union Station, Toronto, Ont.
(Owner and Operator)

Str. Canatco	.....	Capt. D. F. Cornett	.....	Engr.	.....
Str. Dalwarnic	.....	Capt. J. Cuthbert	.....	Engr.	W. R. Jones
Str. Kearsage	.....	Capt. J. Simons	.....	Engr.	A. Jensen
Str. Arthur Orr	.....	Capt. J. Fleming	.....	Engr.	W. Botsch

Canada Forwarding Co. (See Fleet No. 173)

37 Canada Power and Paper Co., 134 Wellington St., Ottawa

Tug Nathalie R.	Capt.	Engr.
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38 Canada Steamship Lines, Ltd., Montreal, Que. (Owner and Operator)

Str. Acadian	Capt.	Engr.
Str. Anticosti	.....	Capt.	.....	Engr.	.....
Str. Arvida	.....	Capt. D. H. Porter	.....	Engr.	Jos. Hamelin, Sr. ...
Str. Ashcroft	.....	Capt.	.....	Engr.	.....
Str. Barrie	.....	Capt.	.....	Engr.	.....
Str. Beaverton	.....	Capt. E. J. Shannon	.....	Engr.	H. Paus
Str. Brentwood	.....	Capt.	.....	Engr.	.....
Str. Brignogan	.....	Capt.	.....	Engr.	.....
Str. Calgarian	.....	Capt. H. Baxter	.....	Engr.	J. Brooks
Str. Camrose	.....	Capt.	.....	Engr.	.....
Str. Canadian	.....	Capt. E. Corcoran	.....	Engr.	A. Norris
Str. Canmore	.....	Capt.	.....	Engr.	.....
Str. Cape Eternity	.....	Capt.	.....	Engr.	.....
Str. Cape Trinity	.....	Capt.	.....	Engr.	.....
Str. Cayuga	.....	Capt.	.....	Engr.	.....

58

Str. Chandler	.....	Capt.	.....	Engr.	.....
Str. Chapleau	.....	Capt.	.....	Engr.	.....
Str. Chatsworth	.....	Capt.	.....	Engr.	.....
Str. Chippewa	.....	Capt.	.....	Engr.	.....
Str. City of Hamilton	.....	Capt. J. A. Lepine	.....	Engr.	B. Ashie
Str. City of Kingston	.....	Capt. Fred Irish	.....	Engr.	M. J. O'Brien
Str. City of Montreal	.....	Capt. N. Legault	.....	Engr.	W. Casper
Str. City of Toronto	.....	Capt. M. J. Corkey	.....	Engr.	Jas. Dyson
Str. City of Windsor	.....	Capt. J. A. Ferguson	.....	Engr.	M. J. Sherman
Str. Coalhaven	.....	Capt. P. Beatty	.....	Engr.	J. P. Polding
Str. Collier	.....	Capt. T. J. Carson	.....	Engr.	J. J. Dove
Str. Collingwood	.....	Capt.	.....	Engr.	.....
Str. Corona	.....	Capt.	.....	Engr.	.....
Str. Courtright	.....	Capt.	.....	Engr.	.....
Str. Donnacona	.....	Capt.	.....	Engr.	.....
Str. Dundas	.....	Capt.	.....	Engr.	.....
Str. Edmonton	.....	Capt. Roy Anderson	.....	Engr.	J. R. Naudie
Str. Elgin	.....	Capt.	.....	Engr.	.....
Str. Emperor	.....	Capt.	.....	Engr.	.....
Str. Fairmount	.....	Capt.	.....	Engr.	.....
Str. Fernie	.....	Capt. Alex Wilson	.....	Engr.	J. F. Henry
Str. Gleneagles	.....	Capt.	.....	Engr.	.....
Str. Glenelg	.....	Capt. S. Sutton	.....	Engr.	J. Douglas
Str. Glenross	.....	Capt.	.....	Engr.	.....
Str. Goderich	.....	Capt.	.....	Engr.	.....
Str. Granby	.....	Capt.	.....	Engr.	.....
Str. Hagarty	.....	Capt.	.....	Engr.	.....

59

Str. Hamilton	.....	Capt.	.....	Engr.	.....
Str. Hamonic	.....	Capt.	T. H. Johnston	Engr.	J. W. McLeod
Str. Hastings	.....	Capt.	.....	Engr.	.....
Str. Huguenot	.....	Capt.	.....	Engr.	.....
Str. Huronic	.....	Capt.	T. S. Patterson	Engr.	J. G. MacHattie
Str. Ignifer	.....	Capt.	.....	Engr.	.....
Str. Kenora	.....	Capt.	P. J. Stinson	Engr.	R. W. Howes
Str. Kindersley	.....	Capt.	.....	Engr.	.....
Str. Kingston	.....	Capt.	.....	Engr.	.....
Str. Kinmount	.....	Capt.	.....	Engr.	.....
Str. Kipawa	.....	Capt.	.....	Engr.	.....
Str. Knowlton	.....	Capt.	.....	Engr.	.....
Str. Lanark	.....	Capt.	.....	Engr.	.....
Str. Lemoyne	.....	Capt.	.....	Engr.	.....
Str. Lennox	.....	Capt.	.....	Engr.	.....
Str. Lethbridge	.....	Capt.	W. J. Holler	Engr.	A. E. Kennedy
Str. Magog	.....	Capt.	.....	Engr.	.....
Str. Maplecourt	.....	Capt.	.....	Engr.	.....
Str. Mapleheath	.....	Capt.	.....	Engr.	.....
Str. Maplehill	.....	Capt.	.....	Engr.	.....
Str. Mapleton	.....	Capt.	.....	Engr.	.....
Str. Martian	.....	Capt.	.....	Engr.	.....
Str. Meaford	.....	Capt.	.....	Engr.	.....
Str. Midland King	.....	Capt.	.....	Engr.	.....
Str. Midland Prince	.....	Capt.	Geo. Kirk	Engr.	T. W. Verity
Str. Norfolk	.....	Capt.	.....	Engr.	.....
Str. Noronic	.....	Capt.	H. J. Aitken	Engr.	S. Brisbin

Str. Osler	.....	Capt.	.....	Engr.	.....
Str. Oxford	.....	Capt.	.....	Engr.	.....
Str. Penetang	.....	Capt.	.....	Engr.	.....
Str. Louis Philippe	.....	Capt.	.....	Engr.	.....
Str. Ponoka	.....	Capt.	.....	Engr.	.....
Str. Portsmouth	.....	Capt.	.....	Engr.	.....
Str. Prescott	.....	Capt.	.....	Engr.	.....
Str. Quebec	.....	Capt.	.....	Engr.	.....
Str. Rapids King	.....	Capt.	.....	Engr.	.....
Str. Rapids Prince	.....	Capt.	.....	Engr.	.....
Str. Rapids Queen	.....	Capt.	.....	Engr.	.....
Str. Renfrew	.....	Capt.	.....	Engr.	.....
Str. Renvoyle	.....	Capt.	.....	Engr.	.....
Str. Richelieu	.....	Capt.	.....	Engr.	.....
Str. Rosemount	.....	Capt.	.....	Engr.	.....
Str. Royan	.....	Capt.	.....	Engr.	.....
Str. St. Lawrence	.....	Capt.	.....	Engr.	.....
Str. St. Anne De Beaupre	.....	Capt.	.....	Engr.	.....
Str. Saguenay	.....	Capt.	.....	Engr.	.....
Str. Sarnian	.....	Capt.	.....	Engr.	.....
Str. Saskatchewan	.....	Capt.	.....	Engr.	.....
Str. Saskatoon	.....	Capt.	T. McLeod	Engr.	F. Lumley
Str. Selkirk	.....	Capt.	E. F. Raeburn	Engr.	D. S. Simons
Str. Sherbrooke	.....	Capt.	.....	Engr.	.....
Str. Simcoe	.....	Capt.	.....	Engr.	.....
Str. Starmount	.....	Capt.	.....	Engr.	.....
Str. Tadoussac	.....	Capt.	.....	Engr.	.....

Str. Thunder Bay	.....	Capt.	.....	Engr.	.....
Str. Toronto	.....	Capt.	.....	Engr.	.....
Str. Turbinia	.....	Capt.	.....	Engr.	.....
Str. United States	.....			
(nee Bastican)	.....	Capt.	J. N. Riverin	Engr.	A. Chayer
Str. Valcartier	.....	Capt.	.....	Engr.	.....
Str. Vinmount	.....	Capt.	.....	Engr.	.....
Str. Waterloo	.....	Capt.	.....	Engr.	.....
Str. Westmount	.....	Capt.	.....	Engr.	.....
Str. Weyburn	.....	Capt.	J. L. Baxter	Engr.	R. Isbester
Str. Winnipeg	.....	Capt.	H. A. Patterson	Engr.	R. Sinclair
Str. Winona	.....	Capt.	.....	Engr.	.....

39 **Canadian Dredging Co. Ltd., Midland, Ont. (Owner and Operator)**
 Tug Brant Capt. B. Garvey Engr. Jas. MacKeand
 Tug A. M. German Capt. A. Lymburner Engr. Geo. Young
 Tug F. W. Grant Capt. J. Gillem Engr. N. Taylor
 Tug Hector Capt. H. Mawdesley Engr. Wm. Taylor
 Tug Con Lynch (Appointments not available)
 Tug Laird MacAulay Capt. F. Lymburner Engr. Fred Chester
 Tug G. W. Rogers Capt. H. C. Mawdesley Engr. J. Hamley

Canadian Government Railways "Canadian National Rys."
 (See Fleet Nos. 255 and 256)

40 **Canadian International Paper Co., Ltd., 1155 Beaver Hall Square, Montreal, Que. (Owner and Operator)**
 (Appointments for these vessels vary)

Tug Atacas
 Tug Chelsea

Tug T. E. Draper
 Tug Pickanock
 Tug Pythonga
 Tug Russell
 Tug Templeton

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

John Waller, Manager; L. Beaupre, Marine Superintendent

Str. Trevisa Capt. E. Walsh Engr. E. Hudspeth
 Str. Trenora Capt. P. Mahoney Engr. C. Scullion

Canadian National Railways (See Fleet Nos. 42, 255 and 256)

42 **Canadian National Railways, Windsor, Ontario (Owner and Operator)**
 Capt. C. H. Nicholson, Manager

C. F. Huron Capt. A. Baillergeon Engr. John Matheson
 C. F. Lansdowne Capt. M. Bansette Engr. Wm. Belsom

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

Bge. En-ar-co Capt. Jas. Warwick Engr. B. Zink

44 **Canadian Pacific Car & Passenger Transfer Co., Ltd., Prescott, Ont. (Owner and Operator)**

C. F. Charles Lyon Capt. A. R. Henry Engr. A. Stillson

45 **Canadian Pacific Railway Co., Montreal, Que. (Owner and Operator)**
 M. McD. Duff, Manager, Great Lakes Steamship Service
 Str. Alberta Capt. F. S. Middleton Engr. W. F. Irvine
 Str. Assiniboia Capt. J. McCannel Engr. A. A. Cameron
 Str. Athabasca Capt. J. W. McCannel Engr. G. S. Rae
 Str. Keewatin Capt. F. J. Davis Engr. G. D. Adam
 Str. Manitoba Capt. M. McKay Engr. W. S. Struthers

46 **Candler Dock & Dredge Co., 8145 Medina St., Detroit, Mich. (Owner and Operator)**

Tug Samuel J. Dark Capt. Sewell Moore Engr. John Sayen
 Tug B. E. West Capt. George Zower Engr. W. Fields

47 **Carow Towing Co., Cheboygan, Mich. (Owner and Operator)**

Tug Lotus Capt. Engr.

48 **Carpenter-Hixon Co., Ltd., Blind River, Ont. (Owner and Operator)**

Tug Waubaushene Capt. J. C. Kauffman Engr. D. McLeod

49 **Carroll Bros., 488 Ellicott Square, Buffalo, N. Y. (Owner and Operator)**

Tug J. M. Hutchison (Not in operation)

50 **Carrollton Steamship Co., Saginaw, Mich. (Operator)**

(Carrollton Steamship Co., Carrollton, Mich.) (Owner)

A. H. Hempstead, Port Captain

Str. Langell Boys Capt. Bert Payea Engr. Edward Rogers

51 **Carter Wood Lines, Ltd., Beardmore Bldg., 417 Peter St., Montreal (Owner and Operator)**

Str. Chemong Capt. F. A. Garrett Engr. C. Morpew
 Str. Drumahoe Capt. E. Tremblay Engr. W. A. McWilliam

Cedarbay Steamship Co., Ltd. (See Fleet No. 367)

52 **Central Dredging Co., 307 No. Michigan Ave., Chicago (Owner and Operator)**

Str. Bay View (Appointments not available)
 Str. Chicago (Appointments not available)
 Str. South Park (Appointments not available)
 Tug John J. Lenahan (Appointments not available)
 Tug Manomet (Appointments not available)

53 **Charland, Emile, Ltd., 468 William St., Montreal, Que. (Owner and Operator)**

Str. Susie Chipman Capt. Engr.

54 **Chicago, Duluth & Georgian Bay Transit Co., 110 W. Adams St., Chicago, Ill. (Owner and Operator)**

Str. North American Capt. William T. Bright Engr. Harry J. Wilson
 Str. South American Capt. A. C. Anderson Engr. Henry C. Hankans

55 **Chicago Fire Department, Chicago, Ill. (Operator) (City of Chicago) (Owner)**

Tug Illinois Capt. Fred G. Delaney Engr. Geo. McClane
 Thos. Farrell Chas. E. Dorow

Tug Joseph Medill Capt. Jas. D. Hallahan Engr. Amos F. Mitchell
 F. C. Stengel James Hefferan

Tug Graeme Stewart Capt. John McElevy Engr. Maurice Murphy
 Phillip D. Thorpe John A. McCarthy
 John J. Julian Leslie Papineau

Chicago Navigation Co. (See Fleet No. 339)

Chicago Roosevelt Steamship Co. (See Fleet No. 121)

56 **Christiansen, H., & Son, Duluth, Minn. (Owner and Operator)**
 Martin Christiansen, Port Captain
 Str. Hazel (Not in operation)
 Str. Winyah Capt. Martin Christiansen.... Engr. Otto Christiansen
 City of Buffalo (See Fleet No. 82)
 City of Chicago (See Fleet No. 55)
 City of Cleveland (See Fleet No. 65)

57 **City of Detroit, 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 McKenzie Engr. Reuben G. Bouffard
 Tug W. H. Simpson Capt. Ira Smith Engr.

City of Milwaukee (See Fleet No. 107)

58 **City of Three Rivers, Three Rivers, Que. (Owner and Operator)**
 Str. Le Progres Capt. Camille Biron Engr. Alfred Sauvageau
 Irene Jourdain H. Bouchard
 Str. LeLauzon Capt. Donat Lemay Engr. Ernest Sauvageau
 City of Toronto (See Fleet No. 362)

59 **Cleveland & Buffalo Transit Co., East 9th St. Pier, Cleveland, O. (Owner and Operator)**
 Charles Lorimer, Superintending Engineer of Fleet
 Str. City of Buffalo Capt. Allan B. Strachan Engr. D. Donaldson
 Str. City of Erie Capt. E. S. Pickell Engr. W. Robinson
 Str. Good Time Capt. R. Spurrier Engr. A. Grebb
 Str. Seeandbee Capt. N. McPhail Engr. Wm. Caine

66

60 **Cleveland-Cliffs Iron Co., 1460 Union Trust Bldg., Cleveland, O. (Operator)**
 (Cleveland-Cliffs Steamship Co.) (Owner)
 A. E. R. Schneider, Mgr. Marine Department
 C. O. Rydholm, Fleet Captain. James H. Durkin, Fleet Engineer.
 Str. F. A. Bailey Capt. F. W. Watson Engr. P. J. Stipek
 Str. H. F. Black Capt. H. Wendorf Engr. S. R. Shipman
 Str. Cadillac Capt. F. P. Bamford Engr. Chas. Modjeski
 Str. Frontenac Capt. T. E. Murray Engr. Dan Slattery
 Str. Grand Island Capt. M. E. Bostwick Engr. P. J. O'Rourke
 Str. Ishpeming Capt. T. D. Sullivan Engr. W. H. Furey
 Str. Marquette Capt. J. H. Deagon..... Engr. James Cox
 Str. William G. Mather Capt. C. A. Anderson Engr. R. O. Hodge
 Str. Michigan Capt. W. H. Cousins Engr. J. F. Gordon
 Str. Munising Capt. H. R. Cornell Engr. John Murphy
 Str. Neguanee Capt. M. J. Brown Engr. A. E. Telliard
 Str. Pioneer Capt. J. A. Holmes Engr. A. J. Cameron
 Str. Pontiac Capt. W. T. Mooney Engr. R. P. Whalen
 Str. J. H. Sheadle Capt. H. A. Murphy Engr. E. W. Doller

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61 **Cleveland-Cliffs Iron Co., 1460 Union Trust Bldg., Cleveland, O. (Operator)**
 (Fontana Steamship Co.) (Owner)
 A. E. R. Schneider, Mgr. Marine Department
 C. O. Rydholm, Fleet Captain. James H. Durkin, Fleet Engineer.
 Str. Colonel Capt. C. N. Bedell Engr. C. N. Gregory
 Str. Yosemite Capt. A. J. Rathbun Engr. J. E. Moriarity

62 **Cleveland-Cliffs Iron Co., 1460 Union Trust Bldg., Cleveland, O. (Operator)**
 (Presque Isle Transportation Co.) (Owner)
 A. E. R. Schneider, Mgr. Marine Department
 C. O. Rydholm, Fleet Captain. James H. Durkin, Fleet Engineer.
 Str. Angeline Capt. O. Nelson Engr. L. L. Hineline
 Str. Presque Isle Capt. D. J. Hyslop Engr. J. D. Goulding
 Str. Peter White Capt. A. J. MacLeod Engr. J. E. Dockrill

63 **Cleveland-Cliffs Iron Co., 1460 Union Trust Bldg., Cleveland, O. (Operator)**
 (Maritime Steamship Co.) (Owner)
 A. E. R. Schneider, Mgr. Marine Department
 C. O. Rydholm, Fleet Captain. James H. Durkin, Fleet Engineer
 Str. Fontana Capt. A. S. Carlsen Engr. Matt Kuntz

64 **Cleveland-Cliffs Iron Co., 1460 Union Trust Bldg., Cleveland, O. (Operator)**
 (Schneider Steamship Co.) (Owner)
 A. E. R. Schneider, Mgr. Marine Department
 C. O. Rydholm, Fleet Captain. James H. Durkin, Fleet Engineer
 Str. Robert J. Paisley Capt. F. M. Samons Engr. Oscar Shaw
 Str. Cletus Schneider Capt. R. E. Hayward Engr. M. Thompson

Cleveland-Cliffs Steamship Co. (See Fleet No. 60)

65 **Cleveland Fire Department, Cleveland, O. (Operator)**
 (City of Cleveland) (Owner)
 Capt. F. A. Hearnnes, Port Captain. J. R. Horazdosky, Chief Engineer.
 Tug J. H. Farley Capt. F. A. Hearnnes Engr. J. R. Dempsey
 Tug George A. Wallace Capt. J. Dever Engr. H. J. Dwyer

66 **Cleveland Transportation Co., 1461 Union Trust Bldg., Cleveland**
 (Owner and Operator) A. E. R. Schneider, Manager.
 Str. Lewiston (Sold to Richard Baxter, Detroit)

67 **Clow & Nicholson Transportation Co., Duluth, Minn. (Owner and Operator)**
 Str. Montauk Capt. B. J. Roberts Engr.

68 **Coal Carrier Corporation, 437 St. James St., Montreal, Que.**
 (Owner and Operator)
 Str. Coalfax Capt. Chas. Willard Engr. Barnard Langan

Columbia Steamship Co. (See Fleet No. 261)

69 **Connelly Bros., 165 Ohio St., Buffalo, N. Y. (Owner and Operator)**
 Tug Connelly Bros. No. 1... Capt. Engr.
 Tug Connelly Bros. No. 2... Capt. Engr.

70 **Consolidated Oka Sand & Gravel Co. Ltd., 248 McCord St., Montreal, Que.**
 (Owner and Operator)

Str. Pennsylvania (Appointments not available)
 Str. Fred Carney (Appointments not available)
 Bge. C. W. Chamberlain..... (Appointments not available)
 Bge. Cobalt (Appointments not available)
 Bge. Gladys H. (Appointments not available)
 Bge. Ireland (Appointments not available)
 Bge. LaSalle (Appointments not available)
 Bge. Muskoka (Appointments not available)
 Bge. Warmington (Appointments not available)

The Consolidated Steamship Co. (See Fleet No. 348)

71 **Construction Materials Corp., 33 N. LaSalle St., Chicago, Ill.**

(Owner and Operator) J. R. Sensibar, President

Str. Frank C. Ball	Capt.	Engr.
Str. Sandcraft	Capt. H. Bricker	Engr. S. Radke
Tug Freedom	(Appointments not available)	
Tug Robert E. Johnston	(Appointments not available)	
Tug Liberty	(Appointments not available)	
Bge. Aurora	(At Dock)	
Bge. L. L. Barth	(At Dock)	
M. S. Sandmaster	Capt. A. Jonassen	Engr. R. W. Miller

Continental Steamship Co. (See Fleet No. 349)

70

72 **Corporation of the City of Toronto, Canada (Owner and Operator)**

R. C. Harris, Commissioner of Works

C. Margerison, Superintendent Marine Section

Tug G. R. Geary	Capt. F. A. Cook	Engr. J. Taylor
Tug National	Capt. O. Johnson	Engr. H. Baillie

73 **Couture Bros. Fish Co., Ontonagon, Mich. (Owner and Operator)**

Earl J. Couture, Port Captain

Tug Eagle	Capt. John Conley	Engr.
Tug Record	Capt. Harry McLean	Engr.
Tug Nellie Cotton	Capt.	Engr.

74 **Cowles Towing Co., 360-370 Ohio St., Ohio Basin Terminal, Buffalo, N. Y.**
(Owner and Operator)

John Wilke, Fleet Captain. R. Garrity, Engineer.

Str. Crescent	Capt.	Engr.
Diesel Tug Carlotta	Capt. S. Brigham	Engr. J. Ruane
Tug Ross Coddington	Capt. Thos. Lally	Engr. C. Albright
Tug Cotoco	Capt.	Engr.
Tug Benj. L. Cowles	Capt.	Engr.
Tug Lotta L. Cowles	Capt. C. A. Boeck	Engr. H. Dano
Tug Wm. G. Fox	Capt.	Engr.
Tug Ed. Lenahan	Capt.	Engr.
Tug Liberty	Capt. John Wilke	Engr. R. Garrity
Tug Alice C. Murphy	Capt.	Engr.
Tug Rochester	Capt.	Engr.

71

75 **Cox, Charles W., Ltd., Port Arthur, Ont. (Owner and Operator)**

Tug Jessie Hall	Capt. Charles Moore	Engr. Henry Jerow
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76 **Cram, R. H., Ottawa, Ont. (Owner and Operator)**

Str. R. Anglin	Capt.	Engr.
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77 **Crowells, E. J., Whittier Apt., Burns Drive, Detroit, Mich. (Operator)**
(Smith-Truby Sand Co.) (Owner)

Str. Bay State	Capt.	Engr.
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78 **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 Cullnan	Capt. Joe Shea	Engr. John Hendrix
Tug Josephine	Capt. P. W. Walsh	Engr. Frank Begole

Cullnan & Walsh (See Fleet No. 78)

79 **Cummings, Frank, Neebish Island, Mich. (Owner and Operator)**
Tug DispatchCapt.Engr.

Dalhousie Navigation Co. (Canadian National Rys.) (See Fleet No. 256)

80 **Daryaw, Capt. Henry, 30 Rideau St., Kingston, Ont. (Owner and Operator)**
Sch. Lyman M. DavisCapt. Henry Daryaw

81 **Davidson Steamship Co., Duluth, Minn. (Owner and Operator)**
Str. Cottonwood(Appointments not available)
Str. Lake George(Appointments not available)
Str. Sacramento(Appointments not available)
Sch. Chieftain(Appointments not available)
Sch. Montezuma(Appointments not available)

82 **Department of Fire, Buffalo, N. Y. (Operator) (City of Buffalo) (Owner)**
Str. W. S. GrattanCapt. Daniel J. Mahoney ...Engr. Daniel A. Marin
Tug George R. Potter(Appointments not available)

83 **Department of Public Works, Ottawa, Ont. (Operator)**
(Dominion Government of Canada) (Owner)
Tug HerculesCapt. N. JacksonEngr. W. H. Baker
Tug PeelCapt. G. W. BlanchardEngr. John Mitchell
Dredge No. 1 Q & RCapt. M. ConveyEngr. Thos. Rayson
Dredge P. W. D. No. 117...Capt. R. HoganEngr. John Howell

84 **Department of Railways & Canals, Ottawa, Ont. (Owner and Operator)**
Tug BatchawanaCapt. Geo. BridgeEngr. Geo. E. Coe
Tug W. A. BowdenCapt. Cory HartEngr. Frank Moyle
Tug Bessie ButlerCapt. James A. Johnson ...Engr. Wm. Gilman
Tug LorettaCapt. Ed. FlemingEngr. O. Seguin

85 **Detroit & Cleveland Navigation Co., Detroit, Mich. (Owner and Operator)**
A. A. Schantz, President. F. L. Meno, Port Captain
J. P. Wells, Superintendent Hulls and Machinery
Str. City of Cleveland III...Capt. John LightbodyEngr. Albert Murphy
Str. City of Detroit III.....Capt. A. J. PalmerEngr. Wm. Hoppa
Str. Eastern StatesCapt. W. McDonaldEngr. Walter Traxler
Str. Greater BuffaloCapt. L. C. DeNikeEngr. M. E. Sicklesteel
Str. Greater DetroitCapt. F. H. PaulsEngr. Andrew Carter
Str. Western StatesCapt. John A. HyattEngr. J. L. Nattress

86 **Detroit & Windsor Ferry Co., 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. H. A. PocockEngr. Archie R. Wright
Ferry PappooseCapt. Robt. C. BrownEngr. Joseph Mark
Ferry PleasureCapt. Henry HuyserEngr. S. G. Merrill
Ferry Pontiac(Not in operation)
Ferry Promise(Not in operation)
Str. ColumbiaCapt. John J. DenstaedtEngr. Edward Seymour
Str. Ste. ClaireCapt. Chas. H. AndersonEngr. L. T. Hessong

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73

87 Detroit Fire Department, 3434 Russell St., Detroit, Mich. (Owner and Operator)

Edward C. Rumsey, Port Engineer

Tug James BattleCapt. Hubert SkiffingtonEngr. George Seiler
Tug James R. ElliottCapt. Gilbert TownsendEngr. Hiram Ward
Tug John KendallCapt. Joseph JonesEngr. Alexander Roach
Chas. Jagenow Frank Sweeney

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

L. Hulbert, Port Captain. Paul Zilske, Superintending Engineer

Tug SulphiteCapt. A. M. PetersonEngr. Robt. Haggerty
Bge. CordovaCapt. Peter JohansenEngr. Fred Wilkensen
Bge. MitschfibreCapt. Martin GuslandEngr. Oscar Engdahl
Bge. SwederopeCapt.Engr.
Bge. Sidney G. ThomasCapt. Theodor BirkelandEngr. Harry Jenkins

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89 Dixon, H. J., Toronto, Ont. (Owner and Operator)

Tug A. E. GibsonCapt. John ParkerEngr. A. B. McMillan
Tug Prince RayCapt. Thos. StrongEngr. Arthur Eade

Dominion Government of Canada (See Fleet No. 83)

90 Dominion Sugar Co., Ltd., Wallaceburg, Ont. (Owner and Operator)

Tug William E. RooneyCapt.Engr.
Tug Henry StokesCapt.Engr.

Dominion Towing & Salvage Corp. Ltd. (Sold to Sin-Mac Lines. See Fleet No. 330)

91 Dominion Transportation Co., Ltd., Owen Sound, Ont. (Owner and Operator)

R. V. Malloy, Port Captain

Str. CaribouCapt. A. A. BattenEngr. R. Gunn
Str. HibouCapt. D. S. PruderEngr. A. Wilson
Str. ManitouCapt. N. J. McCoyEngr. A. Glendillen

92 Donnelly Salvage & Wrecking Co. (Sold to Sin-Mac Lines. See Fleet No. 330)

93 Doty Engineering Co., Ltd., 209 York Bldg., Toronto, Ont. (Owner)

Str. MissisquoiCapt. Jim AdamsEngr. Geo. Potts

94 DoVille Lake Sand & Gravel Co., 424 Water St., Toledo, O.

(Owner and Operator)

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

Str. Commerce(Appointments not available)
Str. R. E. DovilleCapt. Edward McNuttEngr. Harold E. McNutt

75

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

Tug Simon ClarkCapt. Emil GustafsonEngr.
Tug IslayCapt. R. S. OssEngr. Elmer Cosper

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

W. A. McGonagle, President

Tug Edna G.Capt. Henry FoxEng. Fabien Poulin

Duluth Steamship Co. (See Fleet No. 350)

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

Tug GladiatorCapt. Jesse PinneyEngr. Archie Scott
Tug John NavaghCapt.Engr.
Tug Archie ScottCapt.Engr.
Tug WarriorCapt.Engr.

98 Dunbar & Sullivan Dredging Co. Erie Co., Bank Bldg., Buffalo, N. Y. (Operator)
(Dunbar & Sullivan Dredging Co., Detroit) (Owner)

Tug Martin J. GillenCapt. Ed. BebeauEngr. Chas. Anderson
Tug SachemCapt. Wm. ZiemEngr. Jas. Bainbridge
Tug ShaughraunCapt. Ed. TobinEngr. Sam Furst
Tug Shaun RhueCapt. J. H. McLeanEngr. Wm. Shewfelt

99 Durocher, T. L., Co., De Tour, Mich. (Owner and Operator)

W. W. Durocher, Manager. R. C. Durocher, Marine Superintendent
Tug Richard FitzgeraldCapt. Ben HouleEngr. J. Stockwell
Tug GeneralCapt. E. J. PotvinEngr. James Sherry
Tug Walter D.Capt. Leslie BellEngr. H. Olmstead
Bge. Derk, De TourCapt. Francis Carpenter ...Engr. C. Hayward
Bge. Norman KelleyCapt. N. Goetz
Bge. Jas. H. PellettCapt. Ed. Fountain
Derrick ChampionCapt. Alfred LeaskEngr. A. Beatty
Lighter SalvorCapt. Jos. BeattyEngr. E. Winrowski

Eastern Steamship Co., The (See Fleet No. 137)

Eastern Steamship Co., Ltd. (See Fleet No. 23)

Eastern Steamship Corp. (See Fleet No. 24)

100 Eaton-Edmonds Fish Co., South Haven, Mich. (Owner and Operator)

Tug Robbins 3(Not in commission)

101 Eldridge & Robinson, Auburn, N. Y. (Owner and Operator)

Str. M. G. PhelpsCapt. P. P. PhelpsEngr. Fred Blythe

Elmbay Steamship Co., Ltd. (See Fleet No. 368)

102 Emery, W. L., 28 Campau Bldg., Detroit, Mich. (Owner and Operator)

Str. John R. EmeryCapt. Delos LaffreyEngr. Leon Bourbier

103 Emig, Capt. T., 1075 Hart Rd., St. Clair, Mich. (Owner and Operator)

Str. R. P. FitzgeraldCapt.Engr.

Empress Navigation Co., Ltd. (See Fleet No. 143)

104 England Towing Co., 1930 East 5th St., Duluth, Minn. (Owner and Operator)

Tug J. L. WilliamsCapt. W. F. Thompson.....Engr. Charles McEachin
Bge. AcmeCapt. Wm. LawrenceEngr. M. A. Poliquin

105 Essex Transit Co., Ltd., East Windsor, Ont. (Owner and Operator)

Capt. John Sway, Port Captain. Wm. Smith, Superintendent
Str. AragonCapt. G. J. MotleyEngr. J. Smith
Tug FlorenceCapt. F. T. SennettEngr. F. Presley
Bge. Great WesternCapt. Angus McFarlane ...Engr. J. Robinson

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

Tug Burger(Not in commission)

107 Fire Department, The, Milwaukee, Wis. (Operator)

(City of Milwaukee) (Owner) Peter Steinkellner, Chief Fire Department
Fireboat M.F.D. No. 15.....Capt. Max EtzelEngr. Thos. Rutherford
Fireboat M.F.D. No. 29 ...Capt. Jos. La GueEngr. Peter De Smedt
Fireboat TorrentCapt. Arthur BouchardEngr. Geo. Schmidt
Fitzpatrick, Joseph (See Fleet No. 169)

108 FitzSimons & Connell Dredge & Dock Co., 10 South LaSalle St., Chicago, Ill.
(Owner and Operator) John J. Roche, General Superintendent

Tug Charles J. Connell	.....Capt.	.....Engr.	.....
Tug E. James Fucik	.....Capt.	.....Engr.	.....
Tug LaSalle	.....Capt.	.....Engr.	.....
Launch Nassau	.....Capt.	.....Engr.	.....
Launch Pilot	.....Capt.	.....Engr.	.....

FitzSimons & Connell Dredge & Dock Co. (See Fleet No. 249)

Fontana Steamship Co. (See Fleet No. 61)

Foote Transit Co., Ltd. (See Fleet No. 376)

109 Ford Motor Co., Detroit, Mich. (Operator)

(Ford Motor Co., Rouge Plant, Dearborn, Mich.) (Owner)

M. S. Benson Ford	.....Capt. Andrew Pedersen	.....Engr. Geo. St. Bernard
M. S. Henry Ford II	.....Capt. J. J. Pearce	.....Engr. M. McLaren
Tug Ballcamp	.....Capt. N. Gonyaw	.....Engr. J. Hidden
Tug Barlow	.....(Not in operation).....	
Tug Barrallton	.....Capt. D. D. Brown	.....Engr. E. Stang
Tug Bathalum	.....(Not in operation).....	
Tug Baymead	.....(Not in operation).....	
Tug Buttercup	.....Capt. O. Meling	.....Engr. C. Adamson
Tug D. L. Hebard	.....Capt. B. Nilsen	.....Engr. G. Glover
Tug Humrick	.....Capt. C. Feldman	.....Engr. F. Iverson
Tug J. C. Morse	.....Capt. R. G. Hand	.....Engr. G. Pederson
	.....H. Herrick	.....L. Horton
Bge. Lake Allen(Appointments not available)	
Bge. Lake Crystal(Appointments not available)	

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Bge. Lake Frumet(Appointments not available)	
Bge. Lake FolcroftCapt. C. J. LarsenEngr. W. Piercey
Bge. Lake Freeland	.....Capt. Wm. Kamrath	.....Engr. F. Better
Bgs. Lake Frugality	.....Capt. J. F. Erbse	.....Engr. V. Blasick
Bge. Lake Hemlock	.....(Appointments not available)	
Bge. Lake Kytte	.....Capt. L. D. Gish	.....Engr. J. Mahoney
Bge. Lake Louise	.....(Appointments not available)	

Foss, E. B. & Co. (See Fleet No. 110)

110 Foss, Estate of Edgar B., Bay City, Mich. (Operator)

(E. B. Foss & Co.) (Owner)

Bge. Clarence J. FillmoreCapt. John HaggertyEngr.
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Franklin Steamship Co. (See Fleet No. 18)

111 Fraser, John S., Wallaceburg, Ont. (Operator)

(Wallaceburg Sand & Gravel Co. Ltd.) (Owner)

Allan K. Fraser, Manager

Tug Annette Fraser	.....(Appointments not available)	
Tug Jean Fraser	.....Capt. E. H. Winter	.....Engr. John Taylor
Sand Barge Rose Burgess	.....Capt. Arthur Peats	.....Engr.

112 Fraser, Capt. S. Kenneth, Towing & Wrecking, Amherstburg, Ont.

(Owner and Operator)

Tug Betty D.Capt.Engr.
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113 Garriock, Wm., Port Arthur, Ont. (Owner and Operator)

Tug Bessie M.Capt.Engr.
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Gartland Steamship Co. (See Fleet No. 340)

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114 **General Transit Co., 1811 Union Trust Bldg., Cleveland, Ohio**
 (Owner and Operator) C. W. Bryson, Manager

Str. Inca	Capt. Ed. Recor	Engr. Albert Gage
Str. Marita	Capt. Omar D. Collins.....	Engr. John L. Scott
Str. Thomas Maytham	Capt. J. C. Hays	Engr. Matthew R. Williams
Bge. Tyrone	Capt. T. K. Woodward	Engr. A. V. Anderson

115 **Georgian Bay Tourist Co. of Midland, Ltd., Wharf, Midland, Ont.**
 (Owner and Operator)

Str. City of Dover	Capt. George Kinnee	Engr. A. Moreau
Str. Midland City	Capt.	Engr.
Str. Waterbus	Capt. D. McGrattan	Engr.
Str. West Wind	Capt. E. Mackie	Engr. A. Warner

116 **Gerkin, Howard, 39 Lisbon St., Buffalo, N. Y. (Owner and Operator)**
 Str. Niagara
 Capt. Thomas Heffernan | Engr. George Bacon |

117 **Gilbert, John H., 920 First St., Sandusky, O. (Owner and Operator)**
 Diesel Tug Tourist
 Capt. | Engr. John H. Gilbert |

118 **Gillen, Edward E., Towing Co., Milwaukee, Wis. (Owner and Operator)**
 Tug Edward E. Gillen (Appointments not available)
 G. L. Earl A. (Appointments not available)
 G. L. Earnest E. Beauvais... (Appointments not available)

119 **Gleason, F. D., Coal Co., Detroit, Mich. (Owner and Operator)**
 J. Armand Pearson, Fleet Manager

Str. Harlow	Capt.	Engr.
Str. Jay A. Pearson	Capt.	Engr.
Str. Tampico	Capt.	Engr.
Str. Usona	Capt.	Engr.
Tug 3rd Michigan	Capt.	Engr.

Globe Steamship Co. (See Fleet No. 351)

120 **Goodrich Transit Co., Navy Pier, Chicago, Ill. (Owner and Operator)**
 Capt. W. E. Franklin, Superintendent; Joseph Peroutka, Chief Engineer

Str. Alabama	Capt. J. M. Crawford	Engr. Thos. C. Green
Str. Arizona	(Out of commission)	
Str. Bainbridge	Capt.	Engr. Andrew Reid
Str. Carolina	Capt. J. W. Carrigan	Engr. Joseph P. Breuer
Str. City of Benton Harbor..	Capt. Con McCauley	Engr. Otis Richardson
Str. City of Grand Rapids..	Capt. M. F. Morgan	Engr. Byron Beerman
Str. City of Holland	Capt. A. J. Simons	Engr. John Golden
Str. City of Saugatuck	Capt. O. C. Bjork	Engr. Walter Carlson
Str. City of St. Joseph.....	(Not in operation)	
Str. Christopher Columbus...	Capt. D. A. McDonald	Engr. Joseph W. Schneider
Str. Indiana	(Out of commission)	

121 **Goodrich Transit Co., Navy Pier, Chicago, Ill. (Operator**
 (Chicago Roosevelt Steamship Co.) (Owner)

Str. Theodore Roosevelt	Capt. M. D. Mackey	Engr. G. E. Suckaw
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Goodrich Transit Co., Milwaukee (See Fleet No. 122)

121a Goodrich-West Ports Steamship Co., Milwaukee, Wis. (Operator)
 W. F. Drohan, General Manager; F. A. Dority, Superintendent
 (Wisconsin & Michigan Transportation Co.) (Owner)

Str. Petoskey Capt. Alex Noble Engr. Laurence Olson

122 Goodrich-West Ports Steamship Co., Milwaukee, Wis. (Operator)
 W. F. Drohan, General Manager; F. A. Dority, Superintendent
 (Goodrich Transit Co.) (Owner)

Str. Illinois Capt. Henry Delatre Engr. Oscar Dahlgren

123 Goodrich-West Ports Steamship Co., Milwaukee, Wis. (Operator)
 W. F. Drohan, General Manager; F. A. Dority, Superintendent
 (West Ports Steamship Line) (Owner)

Str. Kenosha (Not in commission)

Str. Sheboygan Capt. Hugh O'Donnel Engr. Wm. Tosland

Str. Waukegan Capt. Walter Thebo Engr. Everett Tosland

124 Graham, R. L., Little Current, Ont. (Owner and Operator)

Tug Helen S. Capt. C. R. Bradley Engr. Wm. Terry

**125 Grand Trunk Milwaukee Car Ferry Co., Chamber of Commerce Bldg.,
 Milwaukee, Wis. (Owner and Operator)**

C. E. McLaren, Manager; R. M. Bloecker, Supt. Engineer

C. F. Grand Haven Capt. O. D. Gallagher Engr. James McKenzie

C. F. Grand Rapids Capt. J. F. Cavanaugh Engr. Hy. Wickwire

C. F. Madison Capt. Edward Martin Engr. Thos. Rice

126 Gravel Products Corp., 78 Perry St., Buffalo, N. Y. (Owner and Operator)

Str. Niagara Capt. Thomas N. Heffernan Engr. George Bacon

Bge. Crete Capt. Engr.

127 Great Lakes Dredge & Dock Co., 104 S. Michigan Ave., Chicago, Ill.

William Murphy, General Superintendent

Tug Alert Capt. T. Stengel Engr. E. Kern

Tug Badger State Capt. J. Eskeland Engr. H. Jacobs

Tug Calumet Capt. E. W. Morrow Engr. G. Johnson

Tug James H. Cassidy Capt. L. Cullnan Engr. J. Anderson

Tug John F. Cushing Capt. F. E. Snider Engr. M. Welsch

Tug E. C. Dempsey Capt. A. Jewell Engr. W. Whaley

Tug Dubbs Capt. C. Bentley Engr.

Tug James Edward Capt. R. E. Hughes Engr. A. Stengel

Tug Effie L. (Not in operation)

Tug Andrew H. Green Capt. W. Feibig Engr. J. Barrett

Tug Hassayampa Capt. W. Campbell Engr. J. Paczock

Tug Martin Hausler, Jr. Capt. T. Clark Engr. H. Nordstrum

Tug Hoosier State Capt. M. Selvick Engr. W. Herbst

Tug Hudson Capt. W. Angell Engr. E. Johnson

Tug William H. Kinch Capt. T. Farrell Engr. C. Blackmore

Tug Lady Barbara Capt. J. O'Connor Engr. A. Cramer

Tug Fred A. Lee (Not in operation)

Tug William A. Lydon Capt. A. V. Ellis Engr. A. Smith

Tug Harry McGinnis Capt. C. Schoper Engr. W. Bischoff

Tug Marion Capt. W. Farrell Engr. F. Gerrard

Tug Martha C. Capt. D. Owen Engr. H. Hanger

Tug Mary C. Capt. J. E. Shea Engr. A. Nordquist

Tug Oscar F. Mayer	.....Capt. G. Gnewuch	.....Engr. J. Pazocka
Tug James J. Murray	.....Capt. W. Jantze	.....Engr. M. Cross
Tug Fred R. Richards	.....Capt. B. Ericksen	.....Engr. G. Page
Tug L. P. Smith	.....Capt. W. F. Allen	.....Engr. J. Paytosh
Tug Rober C. Sullivan	.....Capt. A. Walling	.....Engr. F. Dumary
Tug Harry C. Wild	.....Capt. J. Flynn	.....Engr. R. Laskey
Tug Charles E. Williams	.....Capt. William Cotter	.....Engr. J. LaForge
Tug John R. Williams	.....Capt. E. McCabe	.....Engr. J. LaCoy
Dge. Columbia	.....Capt. G. Rutledge	.....Engr. O. Kutzner
Dge. Crest	.....Capt. L. Bouchard	.....Engr. C. P. Sheltman
Dge. Illinois	.....Capt. T. Fredrickson	.....Engr. C. Brooks
Dge. Majestic	.....Capt. J. Frea	.....Engr. F. Schuyler
Dge. Michigan	.....Capt. P. Green	.....Engr. F. Brewer
Dge. Mogul	.....Capt. J. Tinley	.....Engr. J. Hoynosh
Dge. New Jersey	.....Capt. O. Tallacksen	.....Engr. M. Roberts
Dge. New York	.....Capt. E. Ludvicksen	.....Engr. G. Harvey
Dge. Ohio	.....(Not in operation)	
Dge. 21	.....Capt. R. Selvick	.....Engr. M. Walsh
Dge. 48	.....Capt. A. Richard	.....Engr. L. Peterson
Dge. 51	.....Capt. P. Hughes	.....Engr. H. Westphalf
Dge. 54	.....Capt. J. Kirchmaier	.....Engr. S. Johnson
Dge. 55	.....Capt. W. Pike	.....Engr. O. McClurkin
Dge. 56	.....Capt. V. Jones	.....Engr. H. Kreig
Dge. B-7	.....Capt. L. Cowan	.....Engr. W. Parrish
Dge. E. B. 3	.....(Not in operation)	
Dge. L. S. 3	.....(Not in operation)	
Dge. M-9	.....Capt. A. Munson	.....Engr. J. Pellow

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

Tug Curlew	.....(Appointments not available)	
Tug Thomas Fisher	.....Capt. ....	.....Engr.
Tug Minnie W.	.....Capt. ....	.....Engr.
Tug J. D. Morrison	.....Capt. ....	.....Engr.
Tug Edward C. Whalen	.....Capt. ....	.....Engr.

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

Tug EcorseCapt. Paul KohnEngr. Matt. Flagstead
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130 **Great Lakes Steamship Co., Inc., 1548 Rockefeller Bldg., Cleveland, O.**
 (Owner and Operator)

J. Burton Ayers, Manager; Henry Cowan, Fleet Engineer

Str. Belgium	.....Capt. ....	.....Engr.
Str. John B. Cowle	.....Capt. E. E. Carleton	.....Engr. Hugh Gangwish
Str. Denmark	.....Capt. E. M. Warwick	.....Engr. J. C. Browne
Str. John Dunn Jr.	.....Capt. F. B. Parsons	.....Engr. H. Otis Smith
Str. F. J. Durston	.....Capt. H. L. Stewart	.....Engr.
Str. Finland	.....Capt. Chas. Caughell	.....Engr. John Brunner
Str. Charles Hubbard	.....Capt. W. C. Butts	.....Engr. J. R. Goodrich
Str. George B. Leonard	.....Capt. Robert Goodwin	.....Engr. Fred Antons
Str. A. E. Nettleton	.....Capt. Jas. B. Watts	.....Engr. Burt Beauchamp
Str. Norway	.....Capt. J. H. Driscoll	.....Engr. T. J. O'Connor
Str. William Nottingham	.....Capt. Geo. R. Manuel	.....Engr.

Str. B. Lyman Smith	Capt. Louis Potvin	Engr. Oscar Schneider
Str. Hurlbut W. Smith	Capt. Chas. Gonyaw	Engr. G. R. Blanchard
Str. Lyman C. Smith	Capt. Pierre Bouille	Engr. Dan McDonald
Str. Monroe C. Smith	Capt. W. M. Sawher	Engr. Ernest Kurz
Str. Wilbert L. Smith	Capt. N. B. Roach	Engr. Walter Hanssen
Str. Sweden	Capt. J. W. Upledger	Engr. W. D. Murphy
Str. Smith Thompson	Capt. Howard Geel	Engr. Thos. Greenlaw
Str. H. S. Wilkinson	Capt. R. J. Lyons	Engr. Ben Ray

131 Great Lakes Towing Co., Cleveland, Ohio (Owner and Operator)

The Great Lakes Towing Co. has never published the names of the 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.

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Tug Alabama	Tug Iowa	Tug Racine
Tug Alpena	Tug Kansas	Tug R. P. Reidenbach
Tug America	Tug Kentucky	Tug. L. C. Sabin
Tug Ashtabula	Tug Lorain	Tug Sandusky
Tug California	Tug Louisiana	Tug James R. Sinclair
Tug Connecticut	Tug T. C. Lutz	Tug Tennessee
Tug Colorado	Tug Maine	Tug Texas
Tug Delaware	Tug Maryland	Tug Toledo
Tug Detroit	Tug Massachusetts	Tug John M. Truby
Tug Dunkirk	Tug W. L. Mercereau	Tug Vermont
Tug Fairport	Tug Michigan	Tug Virginia

Tug Favorite	Tug Minnesota	Tug Washington
Tug William A. Field	Tug Mississippi	Tug Waukegan
Tug Florida	Tug Missouri	Tug Wisconsin
Tug Frank W.	Tug Montana	Tug Wyoming
Tug Gary	Tug Nebraska	Tug Yale
Tug Georgia	Tug New Jersey	Lighter T. F. Newman
Tug Q. A. Gilmore	Tug New York	Lighter Pontoon
Tug Harding	Tug North Harbor	Lighter Reliance
Tug Harvard	Tug Ohio	Lighter Relief
Tug Huron	Tug Oregon	Lighter Rescue
Tug Illinois	Tug Pennsylvania	Lighter Resolute
Tug Indiana	E. M. Pierce	

132 Great Lakes Transit Corp., 223 Erie St., P. O. Box 987, Buffalo, N. Y. (Owner and Operator)

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Str. W. W. Atterbury.....	Capt. J. J. Lehan	Engr. Wm. Wilson
Str. Edward Chambers	Capt. J. H. Gallagher	Engr. Alphonse Liston
Str. W. J. Connors	Capt. Joseph Donahue	Engr.
Str. Delos W. Cooke	(Appointments not available)	
Str. P. E. Crowley	Capt. W. H. Stevenson	Engr. E. C. Stewart
Str. J. M. Davis	Capt. George J. Healy	Engr. Geo. Broad Jr.
Str. G. D. Dixon	Capt. Paul Ebisch	Engr. John Lynch
Str. Charles Donnelly	Capt. Robert Koch	Engr. P. O. Murphy
Str. Duluth	Capt. John Kennedy	Engr. John Rainey
Str. J. E. Gorman	Capt. John McGillivray	Engr. A. B. McArthur
Str. C. T. Jaffray	Capt. W. S. MacDonald	Engr. Wm. W. Shaw
Str. Juniata	Capt. A. J. McPherson	Engr. Chas. J. Wilson

Str. Edward E. LoomisCapt. Alex McKenzieEngr.
 Str. Milwaukee (Appointments not available)
 Str. OctoraraCapt. S. R. JonesEngr. Frank Miller
 Str. Fred W. SargentCapt. Dugald M. McLeodEngr. John T. Graham
 Str. H. A. ScandrettCapt. R. B. WilkinsonEngr. Chas. Wesley
 Str. Alfred H. SmithCapt. A. W. HaydenEngr. J. E. Laney
 Str. TionestaCapt. Thomas StevensonEngr. R. J. Keefe
 Str. F. D. Underwood (Appointments not available)
 Str. UticaCapt. W. H. PotterEngr. John O'Neil
 Str. Daniel WillardCapt. Albert GoodberryEngr. J. S. Eckert

132a Great Lakes Transit Corp., Ltd., Midland, Ont. (Owner and Operator)

Str. Ralph BuddCapt.Engr.

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

Tug Henry F. BrowerCapt.Engr.

134 Hackett Steamboat Co., Quebec, Canada (Owner and Operator)

Tug C. A. B.Capt. D. KovingtonsEngr. A. Lamontagne
 Tug M. E. HackettCapt. Augure DescieneEngr. Ernest Boivers
 Tug Willie H.Capt. Wm. AllisonEngr. N. Lamontagne

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

Str. Adrian IselinCapt. H. M. RussellEngr. John Rumble
 Str. L. W. RobinsonCapt. Harold BrosnanEngr. Wm. Thomson
 Bge. W. A. Sherman (Not in commission)

136 Hammermill Paper Co., Erie, Pa. (Owner and Operator)

E. L. Heal, Port Captain

Str. TristanCapt. Gus. ClaussonEngr. Elmer Peterson
 Bge. IsoldeCapt. Jno. Wangberg

137 Hanna, M. A., Co., The, Agents, Cleveland, O. (Operator)

(The Eastern Steamship Co.) (Owner) Douglas Brews, Supervising Engineer

Str. Joseph WoodCapt. G. C. HibbardEngr. A. C. Barnes

138 Hanna, M. A., Co., The, Agents, Cleveland, O. (Operator)

(The LaBelle Steamship Co.) (Owner) Douglas Brews, Supervising Engineer

Str. La BelleCapt. J. M. BrinesEngr. R. V. Shinsky

139 Hanna, M. A., Co., The, Agents, Cleveland, O. (Operator)

(The Producers Steamship Co.) (Owner) Douglas Brews, Supervising Engineer

Str. R. L. AgassizCapt. George LevisEngr. Wm. R. Stewart
 Str. W. A. AmbergCapt. A. T. AuttersonEngr. Alex Farquhar
 Str. L. W. HillCapt. G. D. TulianEngr. Alex M. Robertson
 Str. Edwin N. Saunders, Jr.Capt. Samuel SexsmithEngr. R. M. Akerley
 Str. Quincy A. ShawCapt. F. A. ColsonEngr. F. J. Autterson
 Str. J. J. TurnerCapt. A. H. HartmanEngr. John Watt
 Str. Edward A. UhrigCapt. M. M. StewartEngr. Samuel E. Atkinson

140 Hanna, M. A., Co., The, Agents, Cleveland, O. (Operator)

(The Virginia Steamship Co.) (Owner) Douglas Brews, Supervising Engineer

Str. W. D. CrawfordCapt. W. Ross MaitlandEngr. John D. Summerville

141 **Harbor Commissioners of Montreal, Que. (Owner and Operator)**
 Capt. J. F. Symons, Harbor Master; G. B. Hearle, Assistant Supt. of Fleet
 Str. Bethalma (Appointments not available)
 Tug Aberdeen
 Tug Sir Hugh Allan
 Tug Robert McKay
 Tug Passepartout
 Tug. St. Peter
 Tug John Young
 Barge Ethel

Harrigan, John J. (See Fleet No. 142)

142 **The Harrigan Tug Line, Port Dalhousie, Ont. (Operator)**
 (John J. Harrigan) (Owner)
 Tug J. R. BinningCapt. A. HoweEngr. F. Gerster
 Tug EscortCapt. Wm. RooneyEngr. Allan Carr
 Tug EthelCapt. S. AhernEngr. C. Kenny
 Tug Joe GoodwinCapt. Wm. McLarenEngr. Wm. Howe
 Tug Martin H.Capt. Wm. AbelEngr. Jas. Carr

143 **Harris, Geo. P., Ltd., Ottawa, Ont. (Operator)**
 (Empress Navigation Co., Ltd., 80 Elgin St., Ottawa) (Owner)
 Str. EmpressCapt. Armand GrenierEngr. L. Fugere

144 **Harrison, John & Sons Co., Ltd., 1417 Second Ave. W., Owen Sound, Ont.**
 (Owner and Operator)
 Tug HarrisonCapt. Frank WaughEngr. Geo. Robinson
 Tug PinolaCapt. Dan McLennanEngr. Robt. Sisson

Lighter DavidsonCapt.Engr. Thos. Mock
 Lighter MichiganCapt.Engr. A. W. Mackie

145 **Henning, A., Pt. Burwell, Ont. (Owner and Operator)**
 Tug Brown BrothersCapt. A. HenningEngr. M. Bates

146 **Hettler, Herman H., Lumber Co., 2601 Elston Ave., Chicago, Ill.**
 (Owner and Operator)

Str. T. S. ChristieCapt.Engr.

147 **Hill-White Transit Co., Green Bay, Wis. (Owner and Operator)**
 M. S. Marold IICapt. L. L. HillEngr. L. A. Hill

148 **Hinckley, A. R., Co., 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.

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

Str. ColumbiaCapt.Engr.
 Str. FloridaCapt.Engr.
 Str. Anna C. WilsonCapt.Engr.

150 **Holcomb Navigation Co., Cardinal, Ont. (Owner and Operator)**

Str. R. T. HolcombCapt. Wm. BrysonEngr. Harry Myers

- 151 **W. W. Holmes, Redwood, N. Y. (Owner and Operator)**
 Str. RiversideCapt. Sam BainEngr. Chas. Wood
- 152 **Homegardner Sand Co., Sandusky, O. (Owner and Operator)**
 Str. Mary H.Capt. Jno. E. HessEngr. Pete Peterson
- 153 **Huron Contracting Co., Alpena, Mich. (Owner and Operator)**
 Tug CharlotteCapt.Engr.
- 154 **Huron Transportation Co., 1325 Ford Bldg., Detroit, Mich.**
 (Owner and Operator) P. H. Townsend, Port Captain
 St. John W. BoardmanCapt. D. McLachlanEngr. James W. Oliver
 Str. S. T. CrapoCapt. W. H. BoothEngr. Chas. Fritz
 Str. Samuel MitchellCapt. Thompson Campbell..Engr. Martin Mitchell
- 155 **Hutchinson & Co., 1508 Rockefeller Bldg., Cleveland, O. (Operator)**
 (Inland Steamship Co.) (Owner) Anton Rud, Fleet Engineer
 Str. Joseph BlockCapt. A. A. ClarkeEngr. Frank Lang
 Str. L. E. BlockCapt. Jos. MatthewsEngr. W. B. Rowe
 Str. N. F. LeopoldCapt. F. A. TomlinEngr. Edwin L. Espeland
- 156 **Hutchinson & Co., 1508 Rockefeller Bldg., Cleveland, O. (Operator)**
 (Pioneer Steamship Co.) (Owner) Anton Rud, Fleet Engineer
 Str. AmazonCapt. H. P. Van VelzenEngr. Donald Swartz
 Str. A. A. AugustusCapt. J. M. JohnsonEngr. Albert Holl
 Str. Frank BillingsCapt. John RutledgeEngr. Alex Kronberg
 Str. Philip D. BlockCapt. W. P. BenhamEngr. S. H. Rowswell
 Str. Joseph G. Butler, Jr....Capt. John A. LoganEngr. Aloysius A. Wolf

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- Str. W. D. Calverley, Jr....Capt. M. J. JohnsonEngr. John Paytosh
 Str. S. B. CoolidgeCapt. Geo. WilsonEngr. Eugene P. Moens
 Str. James E. FerrisCapt. W. A. De LandEngr. John Linden
 Str. Charles L. Hutchinson..Capt. James H. SmithEngr. Geo. Blauvelt
 Str. W. H. McGeanCapt. James F. GoodwinEngr. W. L. Smith
 Str. Price McKinneyCapt. James MurphyEngr. Lloyd Backie
 Str. John S. ManuelCapt. H. W. FrilayEngr. Clarence H. Shunneson
 Str. Martin MullenCapt. E. P. MaximEngr. Peter B. Johnson
 Str. William A. PaineCapt. Fred SmithEngr. Oliver T. Biddle
 Str. John StantonCapt. Theo. A. JohnsonEngr. Hugh McLaughlin
 Str. J. J. SullivanCapt. Sevren O. Nelssen ...Engr. H. T. Landers
 Str. David P. ThompsonCapt. A. J. MunroeEngr. Frank W. Wolfe
 Str. G. A. TomlinsonCapt. H. J. ScheibleEngr. Geo. Schroder
 Str. James P. WalshCapt. Harold A. Johnson ...Engr. Ernest Fournier

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- 157 **Illinois Ship & Dredge Co., 39 South LaSalle St., Chicago, Ill.**
 (Owner and Operator)
 Str. BrazilCapt. Carl LarsonEngr. H. J. Williams
- 158 **Imperial Oil Co., Ltd., 56 Church St., Toronto, Ont. (Owner and Operator)**
 W. B. Elsworth, Manager; J. E. Landgon, Superintending Engineer
 Str. AcadialiteCapt. W. J. MacDonaldEngr. J. E. Henry
 Str. ImperoyalCapt. Robt. LaingEngr. R. D. Knox
 Str. IocoliteCapt. J. R. AndersonEngr. F. A. Pringle
 Str. OttawaliteCapt. L. DalgetyEngr. J. J. Holler
 Str. RideauliteCapt. J. E. JenkinsEngr. S. Slauenwhite
 Str. RoyaliteCapt. C. R. DyonEngr. W. R. Oakes

Str. SarnoliteCapt. R. KnightEngr. E. W. Sparling
 Str. SimcoliteCapt. O. D. WilliamsonEngr. J. Bulmer
 Str. WindsoliteCapt. H. S. DavidsonEngr. H. R. Welch
 Str. TalaraliteCapt. C. G. SloaneEngr. W. O. Wambeck

Inland Steamship Co. (See Fleet No. 155)

Inland Waters Navigation Co., Ltd. (See Fleet No. 210)

Interlake Steamship Co. (See Fleet No. 281)

Interlake Transportation Co., Ltd. (See Fleet No. 211)

159 **International Harvester Co., 606 South Michigan Ave., Chicago, Ill.**
 (Owner and Operator) H. F. Hughes, Manager

Str. The HarvesterCapt. Wells EgerEngr. E. T. Everell

160 **International Transit Co., Saulte Ste. Marie, Ont. (Operator)**

(St. Mary's River Construction Co.) (Owner) P. Martin, Port Captain

M. S. AgomingCapt. M. GriffithEngr. Forest Howson

161 **International Waterways Navigation Co., Ltd., 635 Common St., Montreal, Que.**
 (Owner and Operator)

Str. BelvoirCapt. F. M. Heffernan.....Engr. Wm. Keith

Inter Ocean Steamship Co. (See Fleet No. 352)

162 **Interstate Steamship Co., 815 Rockefeller Bldg., Cleveland, O.**
 (Owner and Operator)

R. W. England, Marine Superintendent; C. A. Williams, Lake Traffic Manager

Str. B. F. JonesCapt. L. J. DufenhorstEngr. Geo. Grunthaner

Str. Willis L. KingCapt. Geo. W. SwailsEngr. Edward Reilly

Str. James LaughlinCapt. F. N. WattsEngr. W. H. Ballard

Str. Thomas WaltersCapt. M. G. AllenEngr. C. L. Irish

Iroquois Steamship Co. (See Fleet No. 29)

Island Transportation Co. (See Fleet No. 169)

Jack Steamship Corp. (See Fleet No. 235)

163 **Jenkins Steamship Co., 2215 Terminal Tower, Cleveland (Owner and Operator)**
 H. J. Killmeyer, Port Captain

Str. Wm. F. FitchCapt. H. W. EmighEngr. C. A. Well

Str. Charles O. JenkinsCapt. Walter M. Anderson...Engr. Geo. H. Miller

Str. Sir Thos. Shaughnessy..Capt. C. A. TicknorEngr. A. L. Houghton

Str. F. B. SquireCapt. V. TylerEngr. H. A. Comstock

Str. WattCapt.Engr. A. Ramsdell

164 **Jex Service Co., Inc., 1735 Summit St., Toledo, O. (Owner and Operator)**
 R. W. Jex, Port Captain

Str. James H. PrenticeCapt. F. W. ThodeyEngr. Geo. Renview

Tug Cora A. SheldonCapt. O. A. RoseEngr. John Hilton

Bge. GenoaCapt.Engr.

Bge. Iron CliffCapt.Engr.

Derrick Scow ChinookCapt.Engr.

Derrick Scow Handy Boy ...Capt.Engr.

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

Tug SenneiceCapt. Wm. NoantayEngr. Wm. Shasaguay
Tug Bob Stephenson(Not in commission)

166 Jones Navigation Co., Inc., North Tonawanda, N. Y. (Owner and Operator)

Str. GriffinCapt.Engr.

167 Keenan Towing Co., Ltd., Owen Sound, Ont. (Owner and Operator)

Tug KeenanCapt. C. SensaboughEngr. Wm. Monkhouse

Tug WahnapiacCapt. P. McIntoshEngr. M. McIvor

Bge. Dan ProctorCapt. Harold GrantEngr.

168 Kegel, Capt. Phil, 519 W. North Ave., Chicago, Ill. (Owner and Operator)

Str. SaugatuckCapt.Engr.

Gas ColumbiaCapt.Engr.

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

James F. Keightley, Port Captain and Superintendent

Str. AlgomahCapt. Wm. ScheplerEngr. John H. Lowery

170 Kelley Island Lime & Transport Co., Sandusky, O. (Owner and Operator)

John P. Semon, Fleet Engineer

Str. HydroCapt. A. J. StollEngr. Benjamin Sprau

Str. Kelley IslandCapt. T. J. WaageEngr. John Guckert

Str. John M. McKercheyCapt. John IngwersonEngr. Arthur Walters

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

Tug AtlasCapt. Arthur RuddEngr. J. Dewey

Tug JupiterCapt. Jno. RegnorEngr. J. Vian

Tug UranusCapt. Chas. ZuernEngr. Harry Austin

Tug VenusCapt. Chas. BolesEngr. Lee Simmons

172 Keystone Transports, Ltd., 419 Power Building, Montreal, Que.
(Owner and Operator)

John Waller, Manager; L. Beaupre, Marine Superintendent

Str. KeybarCapt. W. V. SmithEngr. R. Garriock

Str. KeybellCapt. W. DavisEngr. R. Muchmore

Str. KeynorCapt. G. BrownEngr. J. Boak

Str. KeyportCapt. C. KenneyEngr. L. Nordnes

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

Str. KeyviveCapt. S. WilliamsonEngr. Geo. Baker

Str. KeywestCapt. W. WilliamsEngr. A. Horton

173 Kiefer, Francis, Toronto, Ont. (Operator)

(Canada Forwarding Co.) (Owner)

Str. W. J. CrosbyCapt. Geo. HindmanEngr. James Ramesbottom

174 Kilmer, Gibson, & Van Nostrand Ltd., Fleet Street and Spadina Ave., Toronto
(Owner and Operator)

Tug Erl King(Appointments not available)

King Steamship Corp (See Fleet No. 233)

175 Kingston Navigation Co., Ltd., Ft. of Brock St., Kingston, Ont.
(Owner and Operator)

Str. BrockvilleCapt. Wm. BloomfieldEngr. Jno. Chapman

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176 **Kinney Steamship Co., 1523 Rockefeller Bldg., Cleveland, O.**
 (Owner and Operator)
 Str. J. S. AshleyCapt. Ivan KennedyEngr. John Norton
 Str. R. L. IrelandCapt. Lew MorrowEngr. Thos. Brownlee
 Str. A. T. KinneyCapt. M. G. McIntoshEngr. E. A. Gustin
 Str. A. S. UpsonCapt. Arthur F. MasonEngr. Clark Swartz
 Str. Robert B. WallaceCapt. J. W. EhrhartEngr. Walter DeClute

Kinsman Transit Co. (See Fleet No. 337)

The Kishman Fish Co. (See Fleet No. 216)

177 **Koenig Transportation Co., 1480 Gratiot, Detroit, Mich. (Operator and Owner)**
 Geo. J. Fredericks, Port Captain

Str. Peter KoenigCapt. Alex McCowanEngr. L. D. Rumsey

178 **Kolbe Fisheries Co., Erie, Pa. (Owner and Operator)**
 A. E. Zumstein, Manager

Tug Charles L.Capt. D. J. ReganEngr. Wm. Michels
 Tug IsabellCapt. Wm. CourrierEngr. Ed. Kincaid
 Tug SeabirdCapt. Chas. J. ZuernEngr. Ed. Mason

179 **Kreetan Co., Johnswood, Mich. (Owner and Operator)**

Tug Silver SprayCapt.Engr.
 Gas KreetanCapt.Engr.

180 **Kreetan Co., North Tonawanda, N. Y. (Owner and Operator)**

John Coyer, Port Captain
 Str. Mathew Wilson(Not in operation)

181 **Kuhlman Builders Supply & Brick Co., 1428 Nicholas Bldg., Toledo, O.**
 (Owner and Operator) E. H. Kuhlman, Port Engineer

Str. T. B. S.Capt. J. F. SlavinEngr. Wm. Winne
 Str. Walter D.Capt. Otto RoseEngr. E. Bunker

La Belle Steamship Co., The (See Fleet No. 138)

182 **Lake Champlain Transportation Co., Whitehall, N. Y. (Owner and Operator)**
 F. A. Moore, Port Captain; G. R. Ernest, Engineer

Str. Robert H. CookCapt.Engr.
 Str. DefenderCapt.Engr.
 Str. DorothyCapt.Engr.
 Str. Fort AnnCapt.Engr.
 Str. Fort EdwardCapt.Engr.
 Str. StillwaterCapt.Engr.
 Str. TritonCapt.Engr.
 Str. WaterfordCapt.Engr.
 Str. WhitehallCapt.Engr.

Lake Erie Coal Co., Ltd. (See Fleet No. 183)

183 **Lake Erie Navigation Co., Walkerville, Ont. (Operator)**

(Lake Erie Coal Co., Ltd., Walkerville, Ont.) (Owner)

L. H. Kent, Chief Marine Engineer

Str. Alexander LeslieCapt. James GunnEngr. D. T. Brown

184 **Lake Erie Navigation Co., Ltd., Walkerville, Ont. (Operator)**

(Marquette & Bessemer Dock & Navigation Co.) (Owner)

L. H. Kent, Chief Marine Engineer

Str. Marquette & Bessemer...Capt. W. R. NealEngr. Ellis Solway

- 185 **Lake Ports Shipping & Navigation Co., 2037 Book Bldg., Detroit, Mich.**
(Owner and Operator)
W. E. Richey, Vice President and General Manager
Str. Henry CortCapt. Jno. G. EndelmannEngr. August Britz
- 186 **Lake Sand Corp., 228 No. LaSalle St., Chicago, Ill. (Owner and Operator)**
Wm. Hausler, Port Captain; C. C. DePew, Manager
Str. GilbertCapt. L. GallagherEngr. F. Benash
- 187 **Lake Superior Paper Co., Ltd., Sault Ste. Marie, Ont. (Operator)**
(Abitibi Power & Paper Co.) (Owner)
Thos. Ganley, Superintending Engineer
Tug CommodoreCapt. J. V. TilsonEngr. N. Girard
Tug George EmersonCapt. Jos. GriffithEngr. P. Lesage
Tug GargantuaCapt. D. A. WilliamsEngr. J. Belmore
Tug G. R. GrayCapt. J. P. RamseyEngr. A. Lewis
Tug RelianceCapt. J. W. AlexanderEngr. T. O'Reily
- 188 **Lakes & St. Lawrence Navigation Co., Ltd., Cardinal, Ont.**
(Owner and Operator)
Str. CascoCapt. W. J. MillsEngr. S. E. Moore
- Lakewood Steamship Co. (See Fleet No. 384)**
- 189 **Lampe Trading & Construction Co., Lorain, O. (Owner)**
Str. Alvah S. Chisholm, Jr...Capt.Engr.
- Langell Transportation Co. (See Fleet No. 227)**
-
- 190 **Larsen, Capt. J. L., 201 Tuscola Road, Bay City, Mich. (Operator)**
Bge. C. E. RedfernCapt.Engr.
- 191 **Lehigh Valley Coal Sales Co., Buffalo, N. Y. (Operator)**
(Lehigh Valley Coal Sales Co., New York City) (Owner)
William M. Barr, Superintendent
Str. BataviaCapt. Wm. J. LucasEngr. Frank Donovan
- 192 **Levis Ferry Co., Ltd., Levis, Que. (Owner and Operator)**
A. Chabot, Port Captain; Pierre Plante, Superintending Engineer
Str. BienvilleCapt. Eugene FortinEngr. N. Protomastro
Str. ColbertCapt. C. MartelEngr. N. Lamothe
Str. ColombCapt. A. ForguesEngr. A. Begin
Str. PlessisCapt. Uld. LemieuxEngr. W. Desrochers
- 193 **Little Falls Engineering Equipment, Inc., Little Falls, N. Y.**
(Owner and Operator)
Tug BaileyCapt.Engr.
Tug Alfred J. MurrayCapt.Engr.
Tug PandoraCapt.Engr.
- 194 **Lutz, Edward, & Sons, Michigan City, Ind. (Owner and Operator)**
Tug LuebkeCapt.Engr.
- Donald MacAuloy (See Fleet No. 315)**
- 195 **MacDonald, Capt. Alex, 71 West 3rd St., Oswego, N. Y.**
(Owner and Operator)
Str. Louis PahlowCapt.Engr.

- 196 **McConville, Arthur F., Ogdensburg, N. Y. (Owner and Operator)**
 Bge. New DominionCapt. Charles MartinEngr.
- 197 **McFadden, J. J., Ltd., Spragge, Ont. (Owner and Operator)**
 Tug John R. StoverCapt. Chas. VosseurEngr. N. Vrooman
- 198 **McGrath, Daniel, 58 Triller, Toronto, Ont. (Owner and Operator)**
 Tug StrathbungoCapt.Engr.
- 199 **McKay, John, Fort William, Ontario (Owner and Operator)**
 Tug Richard B.Capt.Engr.
- 200 **McLean & Sons, A. B., 122 Spring St., Sault Ste. Marie, Ont. (Owner and Operator)** R. A. McLean, Port Engineer
 Tug Charles HalladayCapt. Wm. BennetEngr. Wm. Biron
 Tug Alexander McLeanCapt. H. C. ShipmanEngr. Jos. McGill
 Tug SpraggeCapt. Angus Mathewson.....Engr. Joseph Roberts
 Derrick Scow F. R. Bennett.....Capt.Engr. Sam Rivers
 Derrick Scow No. 3Capt.Engr. Alex Biron
 Derrick Scow McLean No. 4.....Capt.Engr. Fred Johndreau
- 201 **McLouth Steamship Co., The, Marine City, Mich. (Owner and Operator)**
 Pierce McLouth, President; Guy H. Taylor, Port Captain
 Str. KalkaskaCapt. James E. Cottrell... Engr. Hubert Graves
- 202 **McQueen, J. S. Amherstburg, Ont. (Owner and Operator)**
 Tug FalkenCapt.Engr.
 Sch. Bertie CalkinsCapt.Engr.
- 203 **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. F. Goulding
 C. F. Sainte MarieCapt. F. G. RyerseEngr. Howard Sherman
- Madden Coal Corp. (See Fleet No. 204)**
- 204 **Madden, George J., 329 Main St., Ogdensburg, N. Y. (Operator)**
 (Madden Coal Corp.) (Owner)
 Str. Joseph W. Simpson ...Capt. Fred GamacheEngr. H. M. Burton
- Mago Transit Co. (See Fleet No. 205)**
- 205 **Mago, B. N., Tonawanda, N. Y. (Operator) (Mago Transit Co.) (Owner)**
 Tug B. A. MagoCapt.Engr.
 Deck Scow Mago Transit
 No. 1Capt.Engr.
 Deck Scow Mago Transit
 No. IICapt.Engr.
- Mahoning Steamship Co. (See Fleet No. 19)**
- 206 **Maid of the Mist Steamboat Co., Ltd., Niagara Falls, Ont. (Owner and Operator)** W. H. Cookman, Port Captain
 Str. Maid of the Mist No. 1.....Capt. John Wood Engr. Sylvester McGrath
 Str. Maid of the Mist No. 2.....Capt. M. EnrightEngr. Ed. Ramesbottom
- George W. Maley (See Fleet No. 207)**

207 Maley Bros. Inc., Sandusky, O. (Operator) (George W. Maley) (Owner)
M. S. RelianceCapt. E. F. MaleyEngr. E. Jenson

Chas. F. Mann (See Fleet No. 327)

208 Manseau Shipyards, Ltd., Sorel, Quebec (Owner and Operator)
J. E. Senecal, Superintendent; J. Ed. Simard, Manager of Shipyards

Tug Earl BessCapt. Alph. BoninEngr. Camelle Mondor
Tug DelisleCapt. Adj. LemayEngr. Horace Lalour
Tug Franklin C.Capt. J. A. LemayEngr. Alph. Laliberti
Tug LauretteCapt. Wilf LaralleeEngr. Ad. Lesperance
Tug Robert E.Capt. A. LamirandeEngr.
Tug SlothCapt. Geo. ManseauEngr.
Dredge B. S. L. No. 1....Capt. Willie LeBeauEngr.
Dredge BruxellesCapt. Jeffrey BaronEngr. Johnny Demers
Dredge McDonald No. 8...Capt. Jos. PaulEngr.
Dredge Manseau No. 101...Capt.Engr.
Dredge Manseau No. 103...Capt.Engr.

104

209 Mapes & Ferdon, Ltd., 315 St. Sacrament St., Montreal, Que. (Operator)
(Aube Steamship Co., Ltd.) (Owner)

Str. AubeCapt.Engr.

210 Mapes & Ferdon, Ltd., 315 St. Sacrament St., Montreal, Que. (Operator)
(Inland Waters Navigation Co., Ltd.) (Owner)

Str. Turret CapeCapt.Engr.

211 Mapes & Ferdon, Ltd., 315 St. Sacrament St., Montreal, Que. (Operator)
(Interlake Transportation Co., Ltd.) (Owner)

Str. Sand MerchantCapt.Engr.

Maplebay Steamship Co., Ltd. (See Fleet No. 369)

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

Tug John AbernethyCapt. Oscar AbrahamsonEng.
Tug BlancheCapt. David BergEngr.
Tug Ellen D.Capt. Nick PetersonEngr. Gordon McDonald
Tug Elsie NellCapt. W. G. GraingerEngr. J. Tourville
Tug FashionCapt. Wm. McLeanEngr. Harry Haines
Tug MarjorieCapt. Norman SkafteEngr.
Tug RecordCapt. Perry EvansEngr. M. J. Bell

105

213 Marinette Transit Co., 1118 Stanton St., Marinette, Wis.
(Owner and Operator) Thomas E. Finn, Managing Owner

Str. Sidney O. NeffCapt. James MlnarikEngr. Fred Zittmer
Str. Pere Marquette No. 6..Capt. Gregos HansenEngr. George R. Kyte

Maritime Steamship Co. (See Fleet No. 63)

214 Marquette & Bessemer Dock & Navigation Co., Walkerville, Ont.
(Owner and Operator) L. H. Kent, Marine Superintendent

C. F. Marquette & Bessemer
No. 2Capt. T. HeymanEngr. W. S. Fandrei

Marquette & Bessemer Dock & Navigation Co. (See Fleet No. 184)

215 **Mathews Steamship Co., Ltd., 706 C. P. R. Bldg., Toronto, Ont.**
(Owner and Operator) A. E. Mathews, President and Managing Owner

Str. Arlington	.....	Capt. J. Buchanan	.....	Engr. Morgan Reid
Str. Bayton	.....	Capt. Joe Harden	.....	Engr. L. B. Cronk
Str. Berryton	.....	Capt. D. A. Kennedy	.....	Engr. M. S. Murray
Str. Birchton	.....	Capt. Wm. Tulloch	.....	Engr. D. A. McConnell
Str. Brookton	.....	Capt. D. Smith	.....	Engr. S. E. Brisbin
Str. Cedarton	.....	Capt. F. H. Boulton	.....	Engr. J. S. Sweeting
Str. Easton	.....	Capt. Stan Pleasance	.....	Engr. R. Britt
Str. Fulton	.....	Capt. R. McPherson	.....	Engr. Geo. D. Murphy
Str. Laketon	.....	Capt. Norman Scott	.....	Engr. Jno. T. Myler
Str. Livingston	.....	Capt. A. Livingston	.....	Engr. A. Gillies
Str. Malton	.....	Capt. John Smith	.....	Engr. Howard Hazlett
Str. Mathewston	.....	Capt. W. J. Moles	.....	Engr. D. A. McKenzie
Str. Northton	.....	Capt. O. Gulbranson	.....	Engr. John Gillies
Str. Oakton	.....	Capt. Russell Elyea	.....	Engr. Wilfred Jacks
Str. Riverton	.....	Capt. Geo. Bunting	.....	Engr. F. C. Lancaster
Str. Royalton	.....	Capt. W. J. Kirkwood	.....	Engr. K. B. DeMille
Str. Southton	.....	Capt. J. F. Rock	.....	Engr. J. H. Robinson
Str. Waterton	.....	Capt. A. McGee	.....	Engr. J. F. Duncan
Str. Wiarton	.....	Capt. Guy Hayes	.....	Engr. J. R. Muir
Str. Yorkton	.....	Capt. Thos. Drevor	.....	Engr. Geo. Jarrell

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

Tug Edward K.	.....	Capt. C. A. Mattison	.....	Engr. E. Thompson
Tug C. A. Mattison	.....	Capt. J. P. Nargele	.....	Engr. Geo. Shelhouse
Tug Rainbow	.....	(Not in commission)	.....
Tug Joseph T. Sloat	.....	(Not in commission)	.....

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

Tug H. A. Meldrum	Capt.	Engr.
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218 **Matson & Grawstrom, Marinette, Wis. (Owner and Operator)**

Tug Gwa-Goli	Capt.	Engr.
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219 **Meagher, W. J., Bay City, Mich. (Owner and Operator)**

Tug Sylvia	Capt.	Engr.
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220 **Merchants Lighterage Co., 211 E. North Water St., Chicago
 (Owner and Operator) R. L. Tardif, General Manager**

Str. Commerce	.....	Capt. Paul La Favre	.....	Engr. Jas. Webb
		Jas. McNamara	.....	Wm. Dorrell
Str. Industry	.....	(Appointments not available)		

221 **Meseck Steamboat Corp., 17 Battery Place New York City**

Capt. John A. Meseck, Port Captain

Str. Americana	.....	Capt. ....	.....	Engr.
Str. Wauketa	.....	Capt. ....	.....	Engr.

222 **Michigan Limestone & Chemical Co., Rogers, Mich. (Owner and Operator)**

Tug Central	.....	Capt. John S. Purdy	.....	Engr. Daniel Ryan
Tug Frederick T. Kellers	.....	Capt. Harry E. Cook	.....	Engr. Frank Weisnewski
Tug Rogers City	.....	Capt. Walter Peppler	.....	Engr. Frank Lamp
		E. G. Newhouse	.....	Thad Kneale

223 Michigan State Ferry, Highway Department, Lansing, Mich. (Operator)
 (Michigan State Ferry, St. Ignace, Mich.) (Owner) G. A. Stufflebeam,
 Superintendent

C. F. Mackinac City Capt. Hillard Bentgen Engr. Ivo Coveyou
 C. F. Sainte Ignace Capt. B. J. Sloan Engr. Abner C. Watkins
 Str. Straits of Mackinac Capt. F. M. Cronan Engr. Michael Madden

Michigan Steamship Co. (See Fleet No. 353)

224 Midland Steamship Co., The, 2101 Terminal Tower, Cleveland, O.
 (Owner and Operator) Capt. J. J. Freitas, Manager

Str. W. H. Becker Capt. A. A. Morrison Engr. Thomas Sheridan
 Str. J. A. Donaldson Capt. E. W. May Engr. C. J. Dickey
 Str. Michael Gallagher Capt. R. J. Neville Engr.
 Str. W. G. Pollock Capt. E. H. Bennett Engr. G. W. Kroening
 Str. Frank Seither Capt. D. M. Post Engr. J. W. Long

225 Midland Steamship Co., The, 2101 Terminal Tower, Cleveland (Operator)
 (Butler Brothers) (Owner)

Str. Carmi A. Thompson.... Capt. Wm. Langell Engr. F. L. Saunders

226 Mid-West Transportation Co., Bay City, Mich. (Owner and Operator)
 Geo. Vosburgh, Port Captain

Str. Aetna Capt. W. N. Randall Engr. Thos. Leberdee
 Str. E. M. Bunce Capt. Jos. H. Dupuie Engr. Geo. Vosburgh
 Str. O. J. Lingeman Capt. Jas. M. Conlon Engr. A. G. Olmsted

227 Millard, Capt. C. E. Sarnia, Ont. (Operator)
 (Langell Transportation Co.) (Owner)

Str. Simon Langell (Not in commission)

228 Milwaukee Electric Railway & Light Co., Public Service Bldg., Milwaukee,
 Wis. (Owner and Operator) Fred Dornbrook, Chief Engineer of Power Plants

Bge. Collier Capt. Henry Ehmke Engr.
 Bge. Emba Capt. Arthur Ehmke Engr.

229 Milwaukee Tug Boat Line, 98 Ferry St., Milwaukee, Wis.
 (Owner and Operator)

Tug W. H. Myer Capt. Engr.
 Tug Conrad Starke Capt. Engr.
 Tug Welcome Capt. Engr.

230 Minister of Marine & Fisheries, Ottawa, Ont. (Owner and Operator)

Str. Argenteuil Capt. Thos. W. Weir Eng. Jos. Ranger
 Str. Bellechasse Capt. Phil Gagnon Engr. Jules Lecours
 Str. Berthier Capt. Daniel Beaudet Engr. Leon Salvail
 Str. Concretia Capt. Jas. Martin Engr. Jas. Norris
 Str. Detector Capt. Emile Frenette Engr. Adj. Cossette
 Str. Emilia Capt. Donat Lemay Engr. Jos. Peloquin
 Str. Grenville Capt. Richard Smith Engr. Chas. Robertson
 Str. Lady Grey Capt. Leon Corriveau Engr. Alf. Laflamme
 Str. Safeguarder Capt. Hector Charbonneau.. Engr. Alb. Carpentier
 Str. Scout Capt. Murray Barry Engr. Geo. Lessard
 Str. Murray Stewart Capt. Jos. Quellette Engr. Stephen Burgess
 Str. Vercheres Capt. Ernest Aussant Engr. Horm. Robitaille

- 231 **Minnesota-Atlantic Transit Co., First Natl. Bank Bldg., Detroit, Mich.**
 (Owner and Operator)
 H. T. Hoopes, Vice President & General Manager; W. A. Young, Assistant Manager.
 Motorship Twin CitiesCapt.Engr.
 Motorship Twin PortsCapt.Engr.
- 232 **Minnesota-Atlantic Transit Co., First Natl. Bank Bldg., Detroit, Mich. (Operator)**
 (Ace Steamship Corp.) (Owner)
 H. T. Hoopes, Vice President & General Manager; W. A. Young, Assistant Manager.
 Str. AceCapt. J. E. McDonaldEngr. D. R. McDonald
- 233 **Minnesota-Atlantic Transit Co., First Natl. Bank Bldg., Detroit, Mich. (Operator)**
 (King Steamship Corp.) (Owner)
 H. T. Hoopes, Vice President & General Manager; W. A. Young, Assistant Manager.
 Str. KingCapt. J. C. HeaneyEngr. Fred Urban
- 234 **Minnesota-Atlantic Transit Co., First Natl. Bank Bldg., Detroit, Mich. (Operator)**
 (Queen Steamship Corp.) (Owner)
 H. T. Hoopes, Vice President & General Manager; W. A. Young, Assistant Manager.
 Str. QueenCapt. Thomas CollinsEngr. Milo Ballou
- 235 **Minnesota-Atlantic Transit Co., First Natl. Bank Bldg., Detroit, Mich. (Operator)**
 (Jack Steamship Corp.) (Owner)
 H. T. Hoopes, Vice President & General Manager; W. A. Young, Assistant Manager.
 Str. JackCapt. Gustav EgeEngr. C. M. Ryan
- 236 **Minnesota-Atlantic Transit Co., First Natl. Bank Bldg., Detroit, Mich. (Operator)**
 (Ten Steamship Corp.) (Owner)
 H. T. Hoopes, Vice President & General Manager; W. A. Young, Assistant Manager.
 Str. TenCapt. Louis GuyetteEngr. Warren Cadwell

- 237 **Misener, Scott, Manager, Sarnia Steamships Ltd., Port Colborne, Ont. (Operator)**
 (Sarnia Steamship Ltd.) (Owner)
 Str. John J. Boland, Jr.....Capt. C. R. AlbinsonEngr. Lou Crawford
 Str. Joseph P. BurkeCapt. Jos. GlassEngr. Auguste Petite
 Str. ClaremontCapt. Peter McIntyreEngr. Lou Crawford
 Str. Ralph GilchristCapt. Walter KirkEngr. George Barrett
 Str. C. H. HousonCapt. H. McKoskyEngr. Wm. Buyers
 Str. John O. McKellarCapt. J. E. StewartEngr. J. O. McKellar
 Str. Scott MisenerCapt. E. C. HawmanEngr. A. McLaren

- 238 **Montreal & Cornwall Navigation Co., Ltd., Pitts St. Wharf, Cornwall, Ont.**
 (Owner and Operator) Arnold N. Smith, M. P., Port Captain.
 Str. BritannicCapt. Raoul Lalonde Engr. Noe Chartraner

Montreal Forwarding Co., Ltd. (See Fleet No. 301)

- 239 **Montroy & Sons, G. T., Alpena, Mich. (Owner and Operator)**
 G. T. Montroy, Manager.
 Tug J. H. DriscollCapt.Engr.
- 240 **Morecraft Transportation Co., 8 Bridge Street, New York (Owner and Operator)**
 Tug Paoli (Appointments not available)
 Tug Taylor
 Tug Triton
 Sch. Dustin G. Cressy
 Sch. Bessie M. Dustin
 Sch. Eastern Star
 Barkentine H. W. Brown ...

240a **Morley, A. F., 701 Detroit Railway & Harbor Terminal, Detroit**
(Owner and Operator)

Str. Max M. Broad
(Neg Wm. P. Palmer).....Capt.Engr.

241 **Morgan Transportation Co., Traverse City, Mich. (Owner and Operator)**

Str. Mary EthelCapt. L. H. JansenEngr. M. T. Zettel

242 **Morton Salt Co., 208 West Washington St., Chicago, Ill. (Owner and Operator)**

Robert K. Warren, General Superintendent.

Str. CovaltCapt. F. O. JohnsonEngr. H. Stokke

Morrow Steamship Co. (See Fleet No. 385)

243 **Moss, E. W., Port Maitland, Ont. (Operator)**

(Each vessel listed below owned by a different company)

Tug CalderaCapt. J. P. SiddallEngr. A. Wolfe
Tug Dorothea D.Capt. Percy LaverleEngr. H. Hammond
Tug Ellen V.Capt. J. A. MossipEngr. A. Wilson
Tug C. C. LloydCapt. Jas. HallEngr. R. Shank
Tug Maitland RoseCapt. S. McKeownEngr. Jno. McKee
Tug OrianaCapt. W. RossEngr. G. Pope
Tug TwinCapt. W. ThompsonEngr. Tom Johnson

244 **Mullen Coal Co., Amherstburg, Ont. (Owner and Operator)**

Str. Alaska(Not in commission)

Str. John MullenCapt. Jos. E. MahonEngr. Chas. Burns

245 **Munson, John G., Mgr., Rogers, Mich. (Operator)**

(Bradley Transportation Co.) (Owner)

Str. Carl D. BradleyCapt. Wm. J. MacLeanEngr. John S. Sparre
Str. CalciteCapt. Clayton A. MartinEngr. John A. Anderson
Str. John G. MunsonCapt. Crossley McQuinnEngr. Arthur Urdal
Str. T. W. RobinsonCapt. M. R. MacLeanEngr. H. B. Moore
Str. B. H. TaylorCapt. F. F. PearseEngr. Guy LaBounty
Str. W. F. WhiteCapt. Theo. DahlburgEngr. Thos. Suttle

246 **Murphy, A. A., 72 Michigan Ave., Buffalo, N. Y. (Owner and Operator)**

Tug D. T. HelmCapt.Engr.

247 **Murphy, James, Coal Co., Ft. William, Ont. (Operator)**

(The Western Navigation Co., Ltd.) (Owner)

Str. Anna C. MinchCapt. W. A. StewartEngr. V. L. Reeves

248 **Murphy, J. E., 2014 W. Monroe St., Chicago, Ill. (Owner and Operator)**

Tug Walter CahillCapt.Engr.

249 **Nassau Ship & Dredge Co., 10 South La Salle Street, Chicago, Ill. (Operator)**

(FitzSimons & Connell Dredge & Dock Co.) (Owner)

John R. Roche, General Superintendent

Str. NassauCapt.Engr.

250 **National Sand & Material Co., Toronto, Ont. (Owner and Operator)**

J. D. Payne, Manager

Str. Baxter DickCapt. R. A. TuftsEngr. C. Byers

Str. Charles DickCapt. T. WestonEngr. D. Paterson

Str. Dick O'ConnorCapt. Wm. ShieldsEngr. C. Eckwall
 Tug GlideCapt. G. A. SharenEngr. Leonard Simpson
 Bge. BadgerCapt. Jack Cragg
 Bge. LakegravelCapt. W. Upper

National Steamship Co. (See Fleet No. 354)

251 Nessen Transportation Co., 333 N. Michigan Ave. Bldg., Chicago, Ill.
 (Owner and Operator)

Str. ArgoCapt. Gust GundersonEngr.
 Str. WotanCapt. Hans HansenEngr. John Johnson

252 Newaygo Timber Co., Port Arthur, Ont. (Owner and Operator)
 Tug PuckasawCapt. Arthur HarpellEngr. William Gale

253 Newaygo Tug Line, Inc., Wisconsin Rapids, Wis. (Operator)
 (Newaygo Tug Line, Inc., Port Arthur, Ont.) (Owner)

Tug ButterfieldCapt. F. H. RyerseEngr. M. W. Gallagher
 Str. George W. MeadCapt. T. R. MillerEngr. James T. Byers

254 New York Ontario Ferries, Inc., Ft. W. Ferry St., Buffalo, N. Y.
 (Owner and Operator)

J. Homan Pardee, President; C. D. Bond, General Manager

Str. BedellCapt. James FontaineEngr. Robert Greiner
 Str. ChicoraCapt. Bert SennEngr. Charles Beach
 Str. Jamaica(Not in operation)
 Str. Newton(Not in operation)
 Str. OrleansCapt. Maurice O'ConnorEngr. Wm. Fetes
 George RookF. Kleinschmidt

255 Niagara, St. Catharines & Toronto Navigation Co., Ltd., St. Catharines, Ont.
 (Operator) (Canadian Government Railways, "Canadian National Railways") (Owner)
 J. R. Empringham, Assistant Manager

Str. NorthumberlandCapt. Geo. WilsonEngr. Fred Rose

256 Niagara, St. Catharines & Toronto Navigation Co., Ltd., St. Catharines, Ont.
 (Operator) (Dalhousie Navigation Co., "Canadian National Railways") (Owner)
 J. R. Empringham, Assistant Manager

Str. Dalhousie CityCapt. John DickEngr. J. H. Brown

257 Nicholson-Erie-Dover Ferry Line, 4461 W. Jefferson, Detroit, Mich.
 (Owner and Operator)

Str. Dover(Not in commission)
 Str. KeystoneCapt. W. J. PattersonEngr.
 (nee City of St. Ignace)

258 Nicholson-Universal Steamship Co., 501 Coe Terminal Bldg., Detroit, Mich.
 (Owner and Operator)

O. B. Higgins, President and General Manager; A. L. Hatch, Superintendent Engineer

Str. M. A. BradleyCapt. W. L. McDougallEngr. A. W. Roberts
 Str. CoroliaCapt. Clyde TobinEngr. F. M. Rourk
 Str. Crescent CityCapt. Wm. EdgarEngr. Malcolm Papworth
 Str. Thomas Davidson(Appointments not available)
 Str. PenobscotCapt. R. M. LeonardEngr. John Drew
 Str. ProgressCapt. J. A. PattersonEngr. Bert Beauchamp
 Str. E. C. PopeCapt. Stephen RoweEngr. Ray Evans
 Str. J. T. ReidCapt. H. B. McCoolEngr. T. W. Quigley

Str. SonomaCapt. Emery MassmanEngr. John Hughes
 Str. SonoraCapt. W. J. MackinEngr. A. H. Thompson
 Str. SultanaCapt. H. BoothEngr. Peter Lavelly
 Str. Westland(Appointments not available)

**259 North West Transportation Company, Head Office, Midland, Ontario
 (Owner and Operator) A. A. Hudson, President**

M. S. GeorgianCapt. D. HudsonEngr. W. J. Pickard
 Str. SuperiorCapt. J. McMillanEngr. G. Finn

Northwestern Sand & Gravel Co. (See Fleet No. 313)

**260 O'Hagan, John T., Tonawanda, N. Y. (Operator)
 (Bison Steamship Corp.) (Owner)**

Str. John GehmCapt. Wm. RinnEngr. A. E. Rhoads
 Str. John J. O'HaganCapt. Hugh O'HaganEngr. Thos. P. Burk

Oakbay Steamship Co., Ltd. (See Fleet No. 370)

**261 Oglebay-Norton Co., Hanna Bldg., Cleveland (Operator)
 John T. Kelly, Manager (Columbia Steamship Co.) (Owner)**

Str. Joseph H. FrantzCapt. O. A. GentzEngr. Harry Roberts
 Str. Harvey D. GoulderCapt. Alex McDonaldEngr. Oscar Anderson
 Str. Howard M. Hanna Jr.Capt. Carl CarlsenEngr. A. E. Bates
 Str. C. Russell HubbardCapt. J. S. MoranEngr. August Oliva
 Str. William Livingstone ...Capt. Frank BacklockEngr. Chris Williamsen
 Str. Leonard B. MillerCapt. T. G. SimmonsEngr. C. W. Gustin
 Str. David Z. NortonCapt. R. J. ReidEngr. J. A. Southgate

Str. W. C. RichardsonCapt. Phillip LennonEngr. James E. Eustice
 Str. William F. StifelCapt. A. E. AndreasEngr. George Marcoux
 Str. John A. ToppingCapt. William HagenEngr. Chris Johnson

**262 Ohio Fish & Game Division, Put-in-Bay, O. (Operator)
 (State of Ohio, Department of Agriculture) (Owner)**

Tug Oliver H. PerryCapt. J. O. BiemillerEngr. Wm. Kumm

263 Oliver, Capt. James, 254 Sosdenham St., Kingston, Ont. (Owner and Operator)

Sch. Hattie HuttCapt.Engr.

**264 Ontario Car Ferry Co., Ltd., 226 New Union Station, Toronto, Ont.
 (Owner and Operator) C. H. Nicholson, Manager**

C. F. Ontario No. 1Capt. S. H. McCaigEngr. C. Morrison
 C. F. Ontario No. 2Capt. C. E. RedfearnEngr. A. McArthur

265 Ontario Construction Co., St. Catharines, Ont. (Owner and Operator)

Tug NitchieCapt. James H. Mowderly ...Engr. W. Gourett
 Tug UnaCapt. Chancy ThomasEngr. W. Thomas

**266 Ontario Gravel Freighting Co., Ltd., 228 Sandwich St., W., Windsor, Ont.
 (Owner and Operator) Thomas A. Tees, Manager**

Str. C. W. CadwellCapt. Clarence ForbesEngr. Chas. Sanders
 Str. SandlandCapt. Robert WrightEngr. George Kinchen
 Tug Thomas A. TeesCapt. T. J. StackwellEngr. John Miller

267 **Ottawa Transportation Co., Ltd., Ottawa, Ont. (Owner and Operator)**
 Str. Hall Capt. J. C. Barclay Engr. Jos. Legaule
 Str. Wilfrid Laurier Capt. B. Ranger Engr. Albert Morinville
 Str. Denis Murphy Capt. Edouard Francoeur Engr. Donat Morinville
 Str. Ottawan Capt. Adolphus Mallette Engr. Nap. Lavigne
 Str. Scotsman Capt. Wm. Mainville Engr. Victor Lavigne
 Tug Dolphin (Not in commission)
 Tug Florence Capt. Zenon Lavigne Engr. Henri Savaugau

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

Str. Manitoulin Capt. Norman McKay Engr. William Owens

269 **Page Equipment & Construction Co., Ltd., The, 3 Rue Des Forges, Three Rivers, Que. (Owner and Operator)**

Tug Jeannette P. Capt. Edem Tellier Engr. Donat Leveille

Paisley Steamship Co. (See Fleet No. 386)

Panda Steamship Co. (See Fleet No. 355)

270 **Paterson Steamship Ltd., Winnipeg, Man. (Owner and Operator)**

Str. Bricoldoc Capt. Engr.
 Str. Calgodoc Capt. Engr.
 Str. Canadoc Capt. Engr.

Str. Cartierdoc Capt. Engr.
 Str. Coteaudoc Capt. Engr.
 Str. Farrandoc Capt. Engr.
 Str. Fortwildoc Capt. Engr.
 Str. Ganandoc Capt. Engr.
 Str. Hamildoc Capt. Engr.
 Str. Kingdoc Capt. Engr.
 Str. Lachinedoc Capt. Engr.
 Str. Lavaldoc Capt. Engr.
 Str. Lawrendoc Capt. Engr.
 Str. Mantadoc Capt. Engr.
 Str. Mondoc Capt. Engr.
 Str. Newbrundoc Capt. Engr.
 Str. Novadoc Capt. Engr.
 Str. Ontadoc Capt. Engr.
 Str. Prescodoc Capt. Engr.
 Str. Prindoc Capt. Engr.
 Str. Quedoc Capt. Engr.
 Str. Saskadoc Capt. Engr.
 Str. Soodoc Capt. Engr.
 Str. Soreldoc Capt. Engr.
 Str. Thordoc Capt. Engr.
 Str. Torondoc Capt. Engr.
 Str. Troisdoc Capt. Engr.
 Str. Vandoc Capt. Engr.
 Str. Wellandoc Capt. Engr.
 Str. Windoc Capt. Engr.

- 271 **Payette, John Thomas, Penetahguishene, Ont. (Owner and Operator)**
 Str. VigilantCapt. CoffinEngr. Geo. Lamb
- 272 **Peacock, W. H. and Arnold D. Way, Port Hope, Ont. (Owner and Operator)**
 Sch. Julia B. Merrill(Not in commission)
- 273 **The Pembroke Navigation Co., Pembroke, Ont. (Operator)**
 (The Pembroke Transportation Co., Ltd.) (Owner)
 Str. OiseauCapt. Jos. TessierEngr. Jas. L. Millar
- Pembroke Transportation Co. Ltd., The (See Fleet No. 273)**
- 274 **Peninsula Tug & Towing Co., Ltd., Wiarton, Ont. (Owner and Operator)**
 Str. Edward BuckleyCapt.Engr.
 Bge. G. K. JacksonCapt.Engr.
- 275 **Pennsylvania-Ontario Transportation Co., 1066 Rockefeller Bldg., Cleveland, O.**
 (Owner and Operator) J. F. Wahl, General Manager
 Str. AshtabulaCapt. C. F. MeyersEngr. S. M. Sylvester
- 276 **Pere Marquette Line Steamers, Manistee, Mich. (Owner and Operator)**
 Capt. H. L. Sanders, Superintendent
 Str. NevadaCapt. A. K. HoxieEngr. Jean Backie
 Str. VirginiaCapt. John E. ThorpeEngr. Geo. Simsky

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- 277 **Pere Marquette Railway Co., Fort St., Union Depot, Detroit, Mich.**
 (Owner and Operator)
 W. L. Mercereau, Superintendent Steamships; L. H. Kent, Chief Engineer
- C. F. International (Appointments not available)
 C. F. Pere Marquette 12Capt. J. W. RigneyEngr. Chas. Henry
 C. F. Pere Marquette 14Capt. Frank McPhersonEngr. Wm. P. Butler
 C. F. Pere Marquette 15(Not in operation)
 C. F. Pere Marquette 17Capt. Jens VevangEngr. Geo. Liebetreau
 C. F. Pere Marquette 18Capt. A. AltschwagerEngr. B. E. France
 C. F. Pere Marquette 19Capt. Neil McIsaacEngr. A. W. Ackerman
 C. F. Pere Marquette 20Capt. J. F. JohnsonEngr. Thos. Loy
 C. F. Pere Marquette 21Capt. T. P. McMasterEngr. Jos. Koob
 C. F. Pere Marquette 22Capt. W. H. Van DykeEngr. Richard Langrill
 C. F. City of Saginaw 31Capt. C. E. RobertsonEngr. Geo. Warner
 C. F. City of Flint 32Capt. Esten BahleEngr. J. B. Conrad

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- 278 **Peterson, Frank J., President, 2112 Terminal Tower, Cleveland, O. (Operator)**
 (Bunce Transit Co.) (Owner)
 Str. John Ericsson (Appointments not available)
 Bge. Alexander Holley (Appointments not available)
- 279 **Peterson, Frank J., President, 2112 Terminal Tower, Cleveland, O. (Operator)**
 (Peterson Steamship Co.) (Owner)
 Str. Frank J. PetersonCapt. Thomas GreenwayEngr. George Winter

Peterson Steamship Co. (See Fleet No. 279)

280 Petoskey Transportation Co., Petoskey, Mich. (Owner and Operator)

H. H. Lucas, Traffic Manager

Str. J. B. JohnCapt. Frank P. RussellEngr. Ervin Wendorf

281 Pickands, Mather & Co., Union Trust Bldg., Cleveland, O. (Operator)

(Interlake Steamship Co.) (Owner)

W. G. Stewart, Marine Superintendent; Charles E. Collins, Fleet Engineer

Str. AdriaticCapt. L. P. LangellEngr. Wm. Burnett
 Str. ArcturusCapt. Kenneth McRaeEngr. Lee Arnold
 Str. H. H. BrownCapt. Thos. H. SaundersEngr. Robt. C. Cummings
 Str. Fayette BrownCapt. T. Howard Saunders ..Engr. J. Emerson Harner
 Str. CalumetCapt. L. W. NortemanEngr. Emil Feix
 Str. J. A. CampbellCapt. A. R. BeallEngr. Elmer Zobel
 Str. CanopusCapt. M. O. NessEngr. E. M. Tims
 Str. CetusCapt. C. M. EnnesEngr. J. J. Higgins
 Str. E. A. S. ClarkeCapt. S. W. MatsonEngr. James Dungan
 Str. CorvusCapt. James LarsenEngr. Chester Bell
 Str. Harry CoulbyCapt. Wm. A. ReedEngr. James Brand
 Str. CreteCapt. N. M. Hetherington....Engr. Edw. Vollstoedt
 Str. H. W. CroftCapt. W. L. GirardinEngr. Wm. J. McSweeney
 Str. CygnusCapt. E. O. NobleEngr. Wm. Schunk
 Str. Henry G. DaltonCapt. Frank RandallEngr. H. H. Kessel
 Str. W. B. DavockCapt. John McNellisEngr. J. F. Johnson
 Str. ElbaCapt. F. R. GoodrowEngr. Michael Driscoll
 Str. HemlockCapt. R. G. TilleyEngr. Henry Emersen
 Str. Robert HobsonCapt. C. C. StewartEngr. W. D. Woods

Str. Elton Hoyt IICapt. J. Marshall Duddleson..Engr. A. W. Butterworth
 Str. Harry R. JonesCapt. Ross CampbellEngr. L. M. Richardson
 Str. JupiterCapt. Andrew OlsenEngr. T. W. Johnston
 Str. LagondaCapt. G. L. SmithEngr. Milton Frye
 Str. C. H. McCulloughCapt. Nelson BrownEngr. John Carr
 Str. Wm. McLaughlanCapt. T. A. McDougallEngr. Wm. Anderson
 Str. Samuel MatherCapt. J. S. NealEngr. F. C. LaLonde
 Str. D. O. MillsCapt. W. P. RouvelEngr. Nelson Lockhart
 Str. Jay C. MorseCapt. Roy StockdaleEngr. J. P. Fetting
 Str. NeptuneCapt. Wm. E. SullivanEngr. Russell Oulette
 Str. OdanahCapt. Frank Van DusenEngr. Albert Jacobi
 Str. PathfinderCapt. S. H. SmithEngr. G. A. Brown
 Str. PegasusCapt. Arnold EvansenEngr. S. M. Sanderson
 Str. PerseusCapt. C. E. DownsEngr. Thos. Miller
 Str. Col. James Pickands ...Capt. P. M. CartwrightEngr. J. J. Ward
 Str. James H. ReedCapt. F. J. LawrenceEngr. R. H. Beauchamp
 Str. C. S. RobinsonCapt. G. E. AndersonEngr. A. J. Hoffman
 Str. SaturnCapt. H. C. InchesEngr. Ray Arnold
 Str. Charles M. SchwabCapt. J. B. LyonsEngr. Hugo Dietlin
 Str. Joseph SellwoodCapt. L. J. LavellyEngr. J. E. Vigneron
 Str. John SherwinCapt. P. A. PetersenEngr. Otto Elsholz
 Str. Amasa StoneCapt. W. H. McNeillEngr. H. A. Woods
 Str. TaurusCapt. Geo. CartwrightEngr. John Seymour
 Str. VegaCapt. B. G. StewartEngr. J. J. Keller
 Str. VenusCapt. L. HougnelandEngr. L. R. Goulette
 Str. VeronaCapt. R. E. JohnsonEngr. John Cannon
 Str. VictoryCapt. A. C. DrouillardEngr. R. H. Folkert

Str. J. C. WallaceCapt. H. C. HansenEngr. J. L. Martin
 Str. Augustus B. WolvinCapt. John TowerEngr. Fred Werner
 Str. YoungstownCapt. J. D. BairdEngr. F. J. Hiller

282 **Piepkorn, R. W., Alpena, Mich. (Owner and Operator)**
 Tug FalconCapt. Kenneth McLeanEngr. Fred Lenox

283 **Pine Ridge Coal Co., 716 Fidelity Trust Bldg., Detroit, Mich. (Operator)**
 (Pine Ridge Transportation Co.) (Owner)
 Neal Livingstone, Superintending Engineer

Str. C. H. GreenCapt. L. W. LawlerEngr. Leon Pollock

Pine Ridge Transportation Co. (See Fleet No. 283)

Pinebay Steamship Co., Ltd. (See Fleet No. 371)

Pioneer Steamship Co. (See Fleet No. 156)

284 **Pittsburgh Coal Co. of Ohio, Inc., 2300 Terminal Tower, Cleveland, O.**
 (Owner and Operator)

W. H. Palmer, General Manager; J. P. Doyle, General Superintendent

Str. W. G. PerryCapt. Morgan HartEngr. Wm. Schwacofer
 Str. PittsburghCapt. C. A. MooreEngr. Jos. R. Marshall

285 **Pittsburgh Steamship Co., Rockefeller Bldg., Cleveland, O. (Owner and Operator)**

W. P. McElroy, Fleet Captain; Walter J. Harsant, Fleet Engineer

Str. B. F. AffleckCapt. G. H. BankerEngr. F. Thurman
 Str. George F. BakerCapt. G. E. HuckleEngr. E. L. Moulton
 Str. Clarence A. BlackCapt. R. M. CrawfordEngr. H. O. Armstrong
 Str. Eugene J. Buffington ...Capt. H. D. McLeodEngr. R. H. Richmond
 Str. Robert W. E. Bunsen ...Capt. F. DavenportEngr. W. S. Sills
 Str. D. M. ClemsonCapt. Daniel MurphyEngr. H. M. Lubahn
 Str. W. G. ClydeCapt. G. H. BowenEngr. H. F. Schroeder
 Str. Thomas F. ColeCapt. E. K. MaleEngr. J. T. Schei
 Str. E. C. CollinsCapt. R. J. NimsEngr. K. Brake
 Str. William E. CoreyCapt. Edward Palm.....Engr. E. Oehlschlager
 Str. CornellCapt. H. R. JohnsonEngr. C. E. Timleck
 Str. George G. Crawford ...Capt. Dorin ElliottEngr. W. C. McDougall
 Str. William B. DicksonCapt. H. J. CleggEngr. A. C. Lowe
 Str. Alva C. DinkeyCapt. D. M. LeRoyEngr. H. W. Endelman
 Str. William EdenbornCapt. H. A. LeiskEngr. W. R. Miller
 Str. Isaac L. ElwoodCapt. W. H. LohrEngr. T. Reinert
 Str. William FairbairnCapt. E. D. PurdyEngr. L. B. David
 Str. James A. FarrellCapt. H. D. RoachEngr. C. S. McIntyre
 Str. A. H. FerbertCapt. A. E. NunnEngr. W. F. Parker
 Str. William J. FilbertCapt. G. H. LaneEngr. J. B. Cole
 Str. Henry C. FrickCapt. G. B. McDonaldEngr. J. D. Walker
 Str. Robert FultonCapt. A. H. NielsonEngr. J. R. Jones
 Str. Elbert H. GaryCapt. C. D. BrownEngr. Wm. Culp
 Str. John W. GatesCapt. John McDonaldEngr. P. Christensen

Str. Harvard	Capt. A. C. Johnson	Engr. J. B. Kettell
Str. A. F. Harvey	Capt. S. C. Allen	Engr. G. L. Barnhart
Str. Joshua A. Hatfield	Capt. C. M. Conkey	Engr. W. B. Danforth
Str. James J. Hill	Capt. C. J. Kearns	Engr. C. D. Reno
Str. Douglas Houghton	Capt. W. H. McLachlan	Engr. Wm. Oehlenschlager
Str. Francis E. House	Capt. J. F. Parke	Engr. W. T. Welsh
Str. H. Johnson	Capt. John Noble	Engr. Wm. Dornbrook
Str. D. G. Kerr	Capt. F. D. Selee	Engr. M. F. Sweeney
Str. T. W. Lamont	Capt. F. H. Mallory	Engr. J. Hasler
Str. Richard V. Lindabury....	Capt. H. J. Regan	Engr. R. W. Townsend
Str. William R. Linn	Capt. W. M. Ward	Engr. A. Hamlin
Str. Thomas Lynch	Capt. E. F. Bernard	Engr. G. D. Johnson
Str. Alexander McDougall	Capt. H. C. Beattie	Engr. L. E. Darling
Str. William A. McGonagle...	Capt. C. J. Grant	Engr. H. Edmondson
Str. John H. McLean	Capt. R. C. Caughell	Engr. C. H. Savage
Str. Malietoa	Capt. Andrew Grant	Engr. J. Friesenhan
Str. Maricopa	Capt. G. T. Comins	Engr. R. Conlen
Str. Mataafa	Capt. C. A. Horton	Engr. C. S. McElroy
Str. Maunaloa	Capt. John Crerar	Engr. H. Lickfeldt
Str. Pentecost Mitchell	Capt. A. W. Dana	Engr. F. J. Manion
Str. J. Pierpont Morgan	Capt. C. S. O. Christiansen..	Engr. W. Churchill
Str. J. P. Morgan, Jr.	Capt. J. A. Smith	Engr. B. Henry
Str. Samuel F. B. Morse.....	Capt. F. H. Roach	Engr. F. J. Goller
Str. Simon J. Murphy.....	Capt. C. E. Peters	Engr. H. G. Rood
Str. William J. Olcott.....	Capt. P. H. Dunn	Engr. W. P. Diamond
Str. William P. Palmer	Capt. H. C. Ashby	Engr. C. A. Suttle
Str. Eugene W. Pargny	Capt. A. T. Patchatt	Engr. L. Haggan

Str. George W. Perkins	Capt. W. J. Milliken	Engr. C. V. Annable
Str. Henry Phipps	Capt. H. Finnigan	Engr. H. N. Armstrong
Str. Gen. Orlando M. Poe	Capt. J. J. McDonald	Engr. C. C. Rector
Str. Princeton	Capt. Henry Osier	Engr. C. Sahlen
Str. Queen City	Capt. W. R. Broschay	Engr. S. Heath
Str. Norman B. Ream	Capt. F. J. Wade	Engr. A. P. Truelsen
Str. Rensselaer	Capt. L. B. Conlin	Engr. E. R. Rattray
Str. R. R. Richardson	Capt. C. A. Wallace	Engr. D. Bourlier
Str. Percival Roberts, Jr....	Capt. J. C. Murray	Engr. Wm. A. Marshall
Str. Henry H. Rogers	Capt. George Bolhouse	Engr. G. R. Emrey
Str. William B. Schiller	Capt. H. T. Kelley	Engr. H. G. Grotemat
Str. Howard L. Shaw	Capt. Harry Platts	Engr. P. F. McDonnell
Str. McGilvray Shiras	Capt. R. B. Decator	Engr. F. Leng
Str. George Stephenson	Capt. C. H. Johnson	Engr. A. L. Rhodes
Str. M. C. Taylor	Capt. J. N. Rolfson	Engr. Wm. Bourlier
Str. E. P. Thomas	Capt. Geo. Randolph	Engr. A. E. Buddemeyer
Str. Richard Trimble	Capt. G. M. Ackley	Engr. W. G. Staley
Str. Peter A. B. Widener....	Capt. John Rourke	Engr. J. B. Woods
Str. Homer D. Williams	Capt. A. W. Burrows	Engr. H. E. McIntosh
Str. Zenith City	Capt. C. C. Carlisle	Engr. J. F. Oakley
Str. August Ziesing	Capt. D. W. McLeod	Engr. W. A. Lewis
Bge. Sir Isaac Lothian Bell..	Capt. Michael McGory	
Bge. Bryn Mawr	Capt. D. J. Keefe	
Bge. George H. Corliss	Capt. John Waroe	
Bge. John Fritz	Capt. Iver Larsen	
Bge. W. LeBaron Jenney	Capt. J. A. Peterson	
Bge. Alfred Krupp	Capt. J. M. Brown	

Bge. MagnaCapt. A. H. Duckwitz
 Bge. MaiaCapt. E. Lindberg
 Bge. ManilaCapt. George Young
 Bge. MarsalaCapt. C. M. Christopherson..
 Bge. MarthaCapt. Helge Johnson
 Bge. James NasmythCapt. E. O. Baetens
 Bge. John A. RoeblingCapt. Alf Olsen
 Bge. John SmeatonCapt. C. O. Hamet

286 Playfair, James, Midland, Ont. (Owner and Operator)

Str. James B. EadsCapt. F. BurkeEngr. H. Adams
 Bge. No. 137Capt. J. Blythe
 Bge. GlenbogieCapt. A. Lavigne

Poplarbay Steamship Co., Ltd. (See Fleet No. 372)

287 Port Colborne & St. Lawrence Navigation Co., Port Colborne, Ont. (Owner and Operator)

Str. BenmapleCapt. F. R. JohnsonEngr. H. W. Fletcher

288 Port Huron & Sarnia Ferry Co., Port Huron, Mich. (Owner and Operator)

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

Ferry ArielCapt. E. M. ThomasEngr. J. W. Meno
 Ferry City of Port Huron ..Capt. Guy GeelEngr. Frank Cahoon
 Ferry City of SarniaCapt. Wm. MajorEngr. Thomas Cuttle
 Ferry LawrenceCapt. James PutnamEngr.

289 Port Huron & Sarnia Ferry Co., Port Huron, Mich. (Operator) (Sarnia Tug & Transit Co.) (Owner)

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

Str. Hiawatha(Not in commission)

290 Porter, J. P. & Sons, Ltd., New Welland Ship Canal, St. Catharines, Ont. (Owner and Operator)

Tug AliceCapt.Engr.
 Tug DupreCapt.Engr.
 Dredge DelverCapt.Engr.
 Dredge FundyCapt.Engr.
 Dredge ShuniahCapt.Engr.
 Dredge StewartCapt.Engr.

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

Tug GrandonCapt. Ed. OhlemacherEngr. Ed. Anton

292 Prescott & Ogdensburg Ferry Co., Ltd., Prescott, Ont. (Owner and Operator)

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

Str. FerdinandCapt. Prudent BaivinEngr. R. Lashmar
 Str. LevisCapt. S. J. DelaneyEngr. W. J. Jento
 Str. Miss VandenbergCapt. Wm. DeschenesEngr. D. C. Richmire

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

293 Pringle Barge Line Co., The, 713 Rockefeller Bldg., Cleveland, O.
(Owner and Operator) W. R. Pringle, Fleet Captain

Str. Barkhamstead	Capt. J. B. Pringle	Engr. P. A. Rivers
Tug Guardian	Capt. Wm. Shafer	Engr. W. Ballentyne
Bge. Constitution	Capt. W. Caulkett	Engr. W. Tomey
Bge. Maida	Capt. B. Peltier	Engr.
Bge. Sagamore	Capt.	Engr.

Producers Steamship Co., The (See Fleet No. 139)

294 Provincial Paper, Ltd., Port Arthur Division, Port Arthur, Ont.
(Owner and Operator) C. A. Gardner, Superintendent Engineer

Tug Thomas Maitland	Capt. H. Frank Maloney ...	Engr. George Hill
Tug Provincial II	Capt. Angus Morrison	Engr. D. Lanktree

295 Purvis, Capt. John, Gore Bay, Ont. (Owner and Operator)

Tug E. D. M. Purvis	Capt. John Purvis	Engr. Robt. Orford
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296 Pyke Towing & Salvage Co., Kingston, Ont. (Owner and Operator)
Grant Pyke, Manager

Tug Salvage Prince	Capt. G. Pyke	Engr. F. Wells
Tug Salvage Queen	Capt. W. Fellix	Engr. Thomas Campeau
Bge. Geo. T. Davie	Capt. J. Kirkwood	Engr.
Bge. Sand Boy	Capt.	Engr.
Bge. Stone Boy	Capt.	Engr.
Bge. Warrenco	Capt. W. Matier	Engr.

297 Quebec & Ontario Transportation Co., Ltd., 1005 McGill Bldg., Montreal, Que.
(Owner and Operator) H. L. Beauvais, Marine Superintendent

Str. Chicago Tribune	Capt. J. R. Brown	Engr. H. Collins
Str. New York News	Capt. F. V. McIntyre	Engr. J. Duncan
Motorship Thorold	Capt. Geo. Ferguson	Engr. Len Vipond

298 Quebec & St. Lawrence Navigation Co., Ltd., 25 Sault au Matelot, Que.
(Owner and Operator)

J. L. LaChance, General Manager; L. R. Boulanger, Superintendent Engineer

Str. Jacques Cartier	Capt. J. Chartier	Engr. B. Gaumond
Str. Jamaica	Capt. E. Vezina	Engr. T. Breton
Str. Lafayette	Capt. Zenon Legault	Engr. M. Toupin
Str. Manon L.	Capt. A. Grenier	Engr. T. Journeault
Str. Mercier	Capt. H. Deslaurier	Engr.
Str. Pelerin	Capt. A. Mondor	Engr. Omer Groteau
Str. Sault St. Louis	Capt. Abel Lavoie	Engr. Alp. Laliborte
Str. Sir Henry	Capt. J. Chartier	Engr. Jos. Trottier
Str. Terrenonne	Capt. Roland Massicotte	Engr. Philippe Blette
Str. Yonda L.	Capt. A. Dechene	Engr. Henri Dion
Tug Sapin	Capt. Deslaurier	Engr. Jos. Thibeault

299 Quebec Harbour Commissioners, Quebec (Owner and Operator)

Tug Aviso	Capt. D. McLean	Engr. Jos. Asselin
Dredge Q. H. C. No. 2	Capt. V. Lambert	Engr. Ern. Bateau

Queen Steamship Corp. (See Fleet No. 234)

300 **Rahane Steamship Co., Ltd., 315 St. Sacramento St., Montreal, Que.**
(Owner and Operator)

Str. RahaneCapt. William CornettEngr. J. R. Armstrong

301 **Rahane Steamship Co., Ltd., 315 St. Sacramento St., Montreal, Que. (Operator)**
(Montreal Forwarding Co., Ltd.) (Owner)

Str. BrulinCapt. R. LeonardEngr. Gerald Sweeting

302 **Red Star Navigation Co., Toledo, O. (Owner and Operator)**

Str. GreyhoundCapt. Harry TyrieEngr. Roma E. Gardner

303 **Reger & Werner Fish Co., Lorain, O. (Owner and Operator)**

Tug George EdwardCapt. Geo. FloraEngr. James Ranch

Gas. Barbara Jo.Capt. Carl Werner

Gas. Clara BellCapt. Peter Tufveson

Gas. Evelyn R.Capt. Al. Snell

Gas. Francis R.Capt. Louis Kuhnle

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

Str. RamonaCapt.Engr.

305 **Reid Towing & Wrecking Co. Ltd. (Sold to Sin-Mac Lines, See Fleet No. 330)**

306 **Reid Transit Co., Port Huron, Mich. (Owner and Operator)**
T. J. Reid, Marine Superintendent

Str. C. F. BielmanCapt.Engr.

307 **Reiss, C., Coal Co., The, Sheboygan, Wis. (Owner and Operator)**
James Doner, Manager

Tug Peter ReissCapt. Harry GrohEngr. Steve Tessar
Nic Gunderson Mike Worth

308 **Reiss Steamship Co., The, Sheboygan, Wis. (Operator)**

(The Reiss Steamship Co., Wilmington, Del.) (Owner) James Doner, Manager

Str. A. M. ByersCapt. Wm. JagnenowEngr. J. E. McNeill

Str. William K. FieldCapt. Alex CraigieEngr. Alex McLaren

Str. Linford E. GeerCapt. Howard N. LeachEngr. Chas. Van Kuren

Str. Clemens A. ReissCapt. H. M. HansenEngr. James Nelson

Str. J. L. ReissCapt. R. O. FranforthEngr. Ernest Pickering

Str. John P. ReissCapt. E. J. LawrenceEngr. John J. Maloney

Str. Peter ReissCapt. Wm. LandonEngr. John A. Richardson

Str. Richard J. ReissCapt. Thomas MoarEngr. L. F. Miller

Str. William A. ReissCapt. M. A. BaizaireEngr. Henry J. Rake

Str. Alex B. UhrigCapt. John HoffEngr. Martin R. Rake

309 **Rinfret, Capt. Joseph, 4345 De Lorimer St., Montreal, Que.**
(Owner and Operator)

Str. Garden CityCapt.Engr.

310 **Rockport Steamship Co., Sheboygan, Wis. (Operator)**

(Rockport Steamship Co., Wilmington, Del.) (Owner) James Doner, Manager

Str. John A. KlingCapt. James RathburnEngr. Frank Duffy

Str. Charles C. WestCapt. Ed. H. DonerEngr. M. G. Cook

- 311 **Roe Bros., Harbor Springs, Mich. (Owner and Operator)**
 Str. AmericaCapt. Chas. RoeEngr. Russel J. Roe
- 312 **Roen Steamboat Service, Charlevoix, Mich. (Owner and Operator)**
 Str. Marquis RoenCapt. Knut SvendsahlEngr. Henry Isaksen
 Bge. InterlakenCapt. Mat OverwogEngr.
- 313 **Roen Steamboat Service, Charlevoix, Mich. (Operator)**
 (Northwestern Sand & Gravel Co.) (Owner)
 Str. Fred W. GreenCapt. John RoenEngr. Geo. La Blanc
- 314 **Rolson, James, 1416 North Kedzie Ave., Chicago, Ill. (Owner and Operator)**
 Tug Carter H. HarrisonCapt.Engr.
 Tug KenoshaCapt.Engr.
- 315 **Rondeau Tug Co., Blenheim, Ont. (Operator) (Donald MacAuloy) (Owner)**
 Tug ThistleCapt. Norman MacAuloyEngr. William Foulis
- Russell, John E. (Sold to Sin-Mac Lines, Fleet No. 330)**
- 316 **Russell Timber Co., Ltd., Port Arthur, Ont. (Owner and Operator)**
 Tug W. G. HarrowCapt.Engr.
- Rutland-Lake Michigan Transit Co. (See Fleet No. 341)**
- 317 **St. Lawrence Independent Oil Co., Ltd., 83 Dalhousie St., Quebec, Que.**
 (Owner and Operator) W. Menard, Marine Superintendent
 Str. MaplebranchCapt. L. LacoutureEngr. Emile Delisle
- 318 **St. Lawrence River Power Co., Massena, N. Y. (Owner and Operator)**
 Tug De GrasseCapt. Ernest ClineEngr. W. H. Cooke
 Tug Monitor(Not in operation)
- St. Mary's River Construction Co. (See Fleet No. 160)**
- 319 **Saginaw Bay Transportation Co., 1886 Carter Rd., Cleveland, O.**
 (Owner and Operator) H. J. Teare, Port Captain
 Str. I. Watson Stephenson...Capt. Geo. F. ForrestEngr. John Miller
- 320 **Sandusky & Island Steamboat Co., Sandusky, O. (Owner and Operator)**
 Str. ChippewaCapt.Engr.
- Sarnia & Toledo Transit Co. (See Fleet No. 43)**
- Sarnia Steamships Ltd. (See Fleet No. 237)**
- Sarnia Tug & Transit Co. (See Fleet No. 289)**
- 321 **The James Scanes Boat & Dock Co., 401 Ohio St., Toledo, O.**
 (Owner and Operator)
 Str. Fort MeigsCapt. James ScanesEngr. Joseph H. Scanes
- 322 **Schlosser, Win., 242 South Water St., Milwaukee, Wis. (Owner and Operator)**
 Sch. Our SonCapt. Fred NelsonEngr.
 Str. MuellerCapt. Louis StrahanEngr. Walter Schaffer
 Barge Robert L. FryerCapt. Chris NerdrumEngr.
- Schneider Steamship Co. (See Fleet No. 64)**

- 323 **Schroeder, John, Lumber Co., Milwaukee, Wis. (Owner and Operator)**
W. J. Merkel, Superintendent
Str. AshlandCapt.Engr.
Str. SaugatuckCapt.Engr.
- 324 **Scott, Thomas J., 66 March St., Sault Ste. Marie, Ont. (Owner and Operator)**
Tug T. J. ScottCapt. Thos. J. ScottEngr. George Lillie
Scow T. J. S. No. 1Capt. Thos. J. ScottEngr.
- 325 **Seidl, Frank F., Menominee, Mich. (Owner and Operator)**
Tug CarlCapt. Nels NelsonEngr. Carl Melvin
Tug EugeneCapt. Richard KleinkeEngr. Mike Setunsky
Tug GlendaCapt. Scotty MattsonEngr. Carl Fogman
Tug PeterCapt. Mike BlashenskyEngr. Leon Setunsky
Tug SquatterCapt. Norval OlsonEngr. Anton Olson
- 326 **Seneca Washed Sand & Gravel Corp., 603 Ellicott Square, Buffalo, N. Y. (Owner and Operator)**
Str. VikingCapt. Thomas B. McGrattanEngr. James Dickson
- 327 **Service Gravel Co., of Marysville, Mich. (Operator) (Chas. F. Mann) (Owner)**
Str. Henry Houghton(Not in commission)
Str. IndiaCapt.Engr.
- 328 **Sharp, William H., Bay City, Mich. (Owner and Operator)**
Tug WitchCapt.Engr.
- 329 **Shenango Furnace Co., 1961 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-
makerCapt. Frank H. OttEngr. Albert Fritz
Str. ShenangoCapt. Benson FoxEngr. Daniel J. Milloy
Str. William P. Snyder, Jr..Capt. J. F. JonesEngr. William Stroble
- 330 **Sin-Mac Lines, Ltd., 635 Common St., Montreal, Que. (Owner and Operator)**
Str. CornwallCapt.Engr.
Str. NeebingCapt. Chas. MooreEngr. E. Debernardi
Tug AlaskaCapt.Engr.
Tug A. F. BowmanCapt. A. McDonaldEngr. Jas. Keenan
Tug H. F. BronsonCapt.Engr.
Tug ChamplainCapt.Engr.
Tug ConquerorCapt. L. MillenEngr.
Tug Dick T.Capt. A. MongeauEngr. J. Dupre
Tug DonnellyCapt.Engr.
Tug Andree DupreCapt.Engr.
Tug Yvon DupreCapt. A. PeloquinEngr. N. Cournoyer
Tug EurekaCapt. P. PicardEngr. M. Fiset
Tug FeliciaCapt. J. MilletteEngr. E. Lavallee
Tug FrontenacCapt.Engr.
Tug FredmacCapt. Z. BibeauEngr. P. Cournoyer
Tug Mary P. HallCapt.Engr.
Tug HudsonCapt.Engr.
Tug William JohnstonCapt.Engr.

Tug Lotbiniere	Capt. E. Larosee	Engr. A. Salvail
Tug Macsin	Capt. G. Laliberte	Engr. A. Demers
Tug Mathilda	Capt. E. Houde	Engr. J. Bernard
Tug Muscallonge	Capt.	Engr.
Tug Myra	Capt. H. Filteau	Engr. R. Sheridan
Tug Peter B.	Capt. E. Leclair	Engr. O. Benoit
Tug John Pratt	Capt. D. Beaudet	Engr. L. Laviolette
Tug Pierre Racine	Capt. P. Bibeau	Engr. J. Laviolette
Tug Gerald B. Russell	Capt.	Engr.
Tug Joseph L. Russell	Capt.	Engr.
Tug Rival	Capt. D. Mongeau	Engr. J. Laforest
Tug Sarnia City	Capt.	Engr.
Tug Smith	Capt.	Engr.
Tug Strathmore	Capt. W. McCabe	Engr. J. Farouharson
Tug Virginia	Capt. J. E. Blais	Engr. A. Lemay
Tug Whalen	Capt. B. Burke	Engr. J. Gehl
Bge. Andron L.	Capt.	Engr.
Bge. Ashland	Capt.	Engr.
Bge. Augustus	Capt.	Engr.
Bge. Bernon L.	Capt.	Engr.
Bge. Brighton	Capt.	Engr.
Bge. Burma	Capt.	Engr.
Bge. J. I. Case	Capt.	Engr.
Bge. Colpet	Capt.	Engr.
Bge. Cobourg	Capt.	Engr.
Bge. Compton	Capt.	Engr.
Bge. Coteau	Capt.	Engr.

Bge. Stuart H. Dunn	Capt.	Engr.
Bge. Eleanor	Capt.	Engr.
Bge. Fredon L.	Capt.	Engr.
Bge. Green River	Capt.	Engr.
Bge. Jeannon L.	Capt.	Engr.
Bge. Melrose	Capt.	Engr.
Bge. Quebec	Capt.	Engr.
Bge. Isabel Reed	Capt.	Engr.
Bge. Nellie Redington	Capt.	Engr.
Bge. Towagmac	Capt.	Engr.
Der. Bge. Empire	Capt.	Engr.
Der. Bge. Strathbuoy	Capt. H. Newton	Engr.
Lighter Harriet D.	Capt.	Engr.
Lighter Mamie	Capt.	Engr.
Lighter Manistique	Capt.	Engr.

331 Smith, Leathem D., Dock Co., Sturgeon Bay, Wis. (Owner and Operator)
Tug Leathem D. Smith(Appointments not available)

332 Smith, Leathem D., Stone Co., Sturgeon Bay, Wis. (Operator)
(Leathem D. Smith) (Owner) Ed. Weber, Engineer of Fleet
Bge. Adriatic(Not in commission)

Smith-Truby Sand Co. (See Fleet No. 77)

332a Sorel Harbour Tugs, Sorel, Quebec (Owner and Operator)
Tug L. PaulCapt.Engr.

342 Sullivan, M., Dredging Co., 2326 Buhl Bldg., Detroit, Mich.
 (Owner and Operator) J. H. Sullivan, Port Captain
 Tug ColumbiaCapt. M. J. BishopEngr. A. Gallagher
 Tug Edwin DenbyCapt.Engr. Fred Welsh
 Tug GiffordCapt. Henry CookEngr. J. Davis

The Sumatra Steamship Co. (See Fleet No. 356)

343 Superior Marine Supply Co., Superior, Wis. (Owner and Operator)
 Tug G. L. BugCapt. Charles ConverseEngr.
 Tug T. L. Hallam Bros.Capt. Leo GucinskiEngr.

Superior Steamship Co. (See Fleet No. 357)

Ten Steamship Corp. (See Fleet No. 236)

344 Terminal Transit & Towing Co., Fort William, Ont. (Owner and Operator)
 Str. Islet PrinceCapt. B. BurkeEngr. J. Nebon
 Tug A. B. ConmeeCapt. W. WelshEngr.
 Tug W. J. EmersonCapt. F. R. HobsonEngr. Roy Alexander
 Tug Gravel KingCapt. R. Mc MenemyEngr. D. Weir
 Lighter NipigonCapt.Engr.

345 Texas Co., The Lockport, Ill. (Operator)
 (Texas Co., 17 Battery Pl., New York) (Owner)
 Tug HarveyCapt. H. S. MillerEngr. Paul Smith
 Bge. Texaco 157Capt.Engr.

346 Thompson, R. P., Port Huron, Mich. (Operator)
 (Thompson Tug Co.) (Owner) R. P. Thompson, J. H. Carpenter, Managers

Tug IsabelCapt.Engr.
 Tug StrohnCapt.Engr.
 Tug VictoryCapt.Engr.
 Lighter AtmosphereCapt.Engr.
 Lighter Isabel SandsCapt.Engr.

Thompson Tug Co. (See Fleet No. 346)

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

Str. ChampionCapt. Ross W. CarnegieEngr. John Tuttle
 Str. FrontenacCapt. John A. CarnegieEngr. Thomas Hazlett

348 Tomlinson, G. A., Manager, Terminal Tower, Cleveland, O. (Operator)
 (The Consolidated Steamship Co.) (Owner); Warren C. Jones, Fleet Captain

Str. M. E. FarrCapt.Engr.

349 Tomlinson, G. A., Manager, Terminal Tower, Cleveland, O. (Operator)
 (Continental Steamship Co.) (Owner); Warren C. Jones, Fleet Captain

Str. L. M. BowersCapt.Engr.

350 Tomlinson, G. A., Manager, Terminal Tower, Cleveland (Operator)
 (Duluth Steamship Co.) (Owner); Warren C. Jones, Fleet Captain

Str. Sylvania
 (Nee D. M. Philbin)Capt.Engr.

351 Tomlinson, G. A., Manager, Terminal Tower, Cleveland (Operator)
 (Globe Steamship Co.) (Owner); Warren C. Jones, Fleet Captain
 Str. Cuyler AdamsCapt.Engr.
 Str. Ball BrothersCapt.Engr.
 Str. James DavidsonCapt.Engr.

352 Tomlinson, G. A., Manager, Terminal Tower, Cleveland (Operator)
 (Inter Ocean Steamship Co.) (Owner); Warren C. Jones, Fleet Captain
 Str. James E. Davidson ...Capt.Engr.
 Str. SierraCapt.Engr.

353 Tomlinson, G. A., Manager, Terminal Tower, Cleveland (Operator)
 (Michigan Steamship Co.) (Owner); Warren C. Jones, Fleet Captain
 Str. SinoloaCapt.Engr.

354 Tomlinson, G. A., Manager, Terminal Tower, Cleveland (Operator)
 (National Steamship Co.) (Owner); Warren C. Jones, Fleet Captain
 Str. ShastaCapt.Engr.
 Str. SpartaCapt.Engr.

355 Tomlinson, G. A., Manager, Terminal Tower, Cleveland (Operator)
 (Panda Steamship Co.) (Owner); Warren C. Jones, Fleet Captain
 Str. William H. Warner ...Capt.Engr.

356 Tomlinson, G. A., Manager, Terminal Tower, Cleveland (Operator)
 (The Sumatra Steamship Co.) (Owner); Warren C. Jones, Fleet Captain
 Str. SumatraCapt.Engr.

357 Tomlinson, G. A., Manager, Terminal Tower, Cleveland (Operator)
 (Superior Steamship Co.) (Owner); Warren C. Jones, Fleet Captain
 Str. George G. Barnum.....Capt.Engr.

358 Tomlinson, G. A., Manager, Terminal Tower, Cleveland (Operator)
 (Triton Steamship Co.) (Owner); Warren C. Jones, Fleet Captain
 Str. Rufus P. RanneyCapt.Engr.

359 Tomlinson, G. A., Manager, Terminal Tower, Cleveland (Operator)
 (The United Steamship Co.) (Owner); Warren C. Jones, Fleet Captain
 Str. Colonel E. M. Young...Capt.Engr.

360 Toronto, Hamilton & Buffalo Navigation Co., Hamilton, Ont.
 (Owner and Operator)
 Str. Maitland No. 1Capt. J. W. KeeleyEngr. E. M. Baker

361 Toronto Harbour Commissioners, Foot of Bay St., Toronto (Owner and Operator)
 J. G. Langton, General Manager; F. A. Burgar, Superintending Engineer
 Tug No. 1 Emily Stewart...Capt.Engr.
 Tug No. 2 Mary StewartCapt.Engr.
 Tug No. 3 ViperCapt.Engr.
 Dredge CycloneCapt. George RoseEngr. Alex Chambers
 Tug RouilleCapt. Wm. J. StittEngr. Edward A. Reid
 Wm. F. PickardEngr. John Parsonson

362 Toronto Transportation Commission, 35 Yonge St., Toronto 2 (Operator)
 (City of Toronto) (Owner) D. W. Harvey, General Manager
 Str. Bluebell(Appointments for these vessels vary)
 Str. Clark Bros.
 Str. T. J. Clarke
 Str. Luella
 Str. Mayflower
 Str. Primrose
 Str. Trillium
 Motor Boat Buttercup

363 Traverse City Transportation Co., Traverse City, Mich. (Owner and Operator)
 Str. M. H. StuartCapt. O. W. AngwallEngr. Oscar Blasier

364 Tree Line Navigation Co., Ltd., Montreal, Que. (Operator)
 (Ashbay Steamship Co., Ltd.) (Owner); J. B. Lappen, Superintending Engineer
 Str. AshbayCapt. A. J. HogueEngr. Thos. Kennedy

365 Tree Line Navigation Co., Ltd., Montreal, Que. (Operator)
 (Beechbay Steamship Co.) (Owner); J. B. Lappen, Superintending Engineer
 Str. BeechbayCapt. Jules LeblancEngr. Arthur Fugere

366 Tree Line Navigation Co., Ltd., Montreal, Que. (Operator)
 (Birchbay Steamship Co., Ltd.) (Owner)
 Str. TeakbayCapt. E. C. KennedyEngr. D. Vezina

367 Tree Line Navigation Co., Ltd., Montreal, Que. (Operator)
 (Cedarbay Steamship Co., Ltd.) (Owner)
 Str. CedarbayCapt. Paul MorinvilleEngr. Louis Morinville

368 Tree Line Navigation Co., Ltd., Montreal, Que. (Operator)
 (Elmbay Steamship Co., Ltd.) (Owner); J. B. Lappen, Superintending Engineer
 Str. ElmbayCapt. Nap. TremblayEngr. P. Brunelle

369 Tree Line Navigation Co., Ltd., Montreal, Que. (Operator)
 (Maplebay Steamship Co., Ltd.) (Owner); J. B. Lappen, Superintending Engineer
 Str. MaplebayCapt. R. GrahamEngr. J. Lentz

370 Tree Line Navigation Co., Ltd., Montreal, Que. (Operator)
 (Oakbay Steamship Co., Ltd.) (Owner); J. B. Lappen, Superintending Engineer
 Str. OakbayCapt. Wm. J. FergusonEngr. R. Gibson

371 Tree Line Navigation Co., Ltd., Montreal, Que. (Operator)
 (Pinebay Steamship Co., Ltd.) (Owner); J. B. Lappen, Superintending Engineer
 Str. PinebayCapt. A. N. HogueEngr. George Verrier

372 Tree Line Navigation Co., Ltd., Montreal, Que. (Operator)
 (Poplarbay Steamship Co., Ltd.) (Owner); J. B. Lappen, Superintending Engineer
 Str. PoplarbayCapt. Henry LevesqueEngr. J. B. Marchand

373 Tree Line Navigation Co., Ltd., Montreal, Que. (Operator)
 (Sprucebay Steamship Co., Ltd.) (Owner); J. B. Lappen, Superintending Engineer
 Str. SprucebayCapt. J. R. MontgomeryEngr. T. S. Wilson

374 Tree Line Navigation Co., Ltd., Montreal, Que. (Operator)
 (Willowbay Steamship Co., Ltd.) (Owner); J. B. Lappen, Superintending Engineer
 Str. WillowbayCapt. R. HoudeEngr. A. Gagne

Triton Steamship Co. (See Fleet No. 358)

375 Union Transit Co., Ltd., 64 King St. East, Toronto, Ont. (Owner and Operator)
 J. B. Foote, Port Captain

Str. Geo. R. DonovanCapt. A. E. LakingEngr. Thos. Walkoff
 Str. James B. FooteCapt. R. T. RobinsonEngr. H. MacDonald
 Str. D. B. HannaCapt. W. J. BrownEngr. Harold F. Foote
 Str. Wm. SchuppCapt. J. E. MannEngr. R. Longfield Jones

376 Union Transit Co., Ltd., 64 King St. East, Toronto, Ont. (Operator)
 (Foote Transit Co., Ltd.) (Owner)

Str. F. V. MasseyCapt. N. McGlennonEngr. R. H. Plunkett

377 United Fuel & Supply Co., 200 Transportation Bldg., Detroit, Mich.
 (Owner and Operator) Homer W. Smith, Marine Manager

Str. H. DahlkeCapt.Engr.
 Str. F. E. HarveyCapt.Engr.
 Str. Charles HeidenCapt.Engr.
 Str. F. C. OsbornCapt.Engr.
 Str. PearsonCapt.Engr.
 Tug UfascoCapt.Engr.
 Dredge HuronCapt.Engr.

378 United States Engineer Department, 406 Federal Bldg., Milwaukee, Wis.
 (Owner and Operator)

John J. Kingman, District Engineer; E. M. Nisen, Civil Engineer

Str. ManitowocCapt. C. C. FowlerEngr. Alex F. Swan
 Str. G. G. MeadeCapt. Wm. RosieEngr. Jess E. Lanridge
 Tug CumberlandCapt. Algie AlexanderEngr. Sophus Larson
 Tug MarinetteCapt. Palmer E. LaPlant...Engr. Andrew Tollefon
 Tug MenashaCapt. Warren RichardsEngr. David Clow
 Tug NeenahCapt. Clifford E. VelteEngr. Francis Vaughn
 Bge. MilwaukeeCapt. Henry DevineEngr.
 Bge. RiprapCapt. Forest OlsonEngr.

379 United States Lighthouse Service, Tenth District, Buffalo, N. Y.

(Owner and Operator) Roscoe House, Superintendent of Lighthouses

L. H. Tender Str. Crocus...Capt. J. P. BourkeEngr. H. K. Loveless
 Tug BirchCapt. F. P. BarkerEngr. F. H. Jaegar

380 United States Lighthouse Service, Eleventh Lighthouse District, Detroit, Mich.

(Owner and Operator); Charles A. Park, Superintendent of Lighthouses

Walter L. Gill, First Assistant Superintendent

L. H. Tender Str. Amaranth Capt. G. GundersenEngr. F. J. Pospeshil
 L. H. Tender Str. Aspen ...Capt. W. J. TaylorEngr. O. B. Anderson
 L. H. Tender Str. Clover...Capt. J. A. TurmalaEngr. R. Burdeno
 L. H. Tender Str. Marigold..Capt. A. GustafsonEngr. John Duffy
 Str. Lightship No. 96.....Capt. F. LeimbachEngr. W. B. Cushman
 Bge. Lighthouse No. 75.....(non-attended)

381 United States Lighthouse Service, 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. Sumac	Capt. John K. Olsen	Engr. George W. Crawford
Eleven Ft. Shoal Lightship	Capt. Conrad Christiansen	Engr. Walter Hanson
North Manitou Shoal		
Lightship No. 89	Capt. Gregory J. Navarre	Engr. Patrick Eustice
Milwaukee Lightship No. 95	Capt. Charles Carlson	Engr. John Peters
Lightship No. 98	Capt.	Engr.
Relief Lightship No. 103	Capt. Hiram S. Hill	Engr. John C. McDonald
Peshtigo Reef Lightship		
No. 77	Capt. Alfred Hanson	Engr.
Gray's Reef Lightship		
No. 99	Capt. Harry McRae	Engr. Philip Sharkey

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382 United States Steel Products Co., Rockefeller Bldg., Cleveland, O. (Operator)

(United States Steel Products Co., New York City) (Owner)

P. F. Donnelly, Marine Superintendent; B. E. Meurk, Superintending Engineer

M. S. Steel Chemist	Capt. James N. Brown	Engr. W. S. Connauton
M. S. Steel Electrician	Capt. Arthur F. Woods	Engr. W. R. Wright
M. S. Steelmotor	Capt. Harry P. Irvine	Engr. H. T. Petersen
M. S. Steelvender	Capt. John G. Woerpel	Engr. Olaf H. Hedin

The United Steamship Co. (See Fleet No. 359)

383 Valley Camp Steamship Co., 816 Western Reserve Bldg., Cleveland, O.

(Owner and Operator)

R. J. Paisley, Manager; W. B. Pilkey, Marine Superintendent

Str. Harry T. Ewig	Capt. Herman Oertling	Engr. H. B. Muhlitter
Str. John McCartney Kennedy	Capt. C. H. Mohr	Engr. Robt. Holt
Str. E. G. Mathiott	Capt. W. M. Whitney	Engr. F. W. Hunt
Str. S. B. Way	Capt. R. E. Jones	Engr. W. J. Radke

384 Valley Camp Steamship Co., 816 Western Reserve Bldg., Cleveland, (Operator)

(Lakewood Steamship Co.) (Owner)

R. J. Paisley, Manager; W. B. Pilkey, Marine Superintendent

Str. Britt	Capt. Jos. Connelly	Engr. Chas. Wolven
Str. McFarland	Capt. F. J. Maloney	Engr. R. S. Goodwin

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385 Valley Camp Steamship Co., 816 Western Reserve Bldg., Cleveland, (Operator)

(Morrow Steamship Co.) (Owner)

R. J. Paisley, Manager; W. B. Pilkey, Marine Superintendent

Str. John Anderson	Capt. F. A. Brune	Engr. B. L. Andress
Str. D. E. Callender	Capt. J. A. Thodey	Engr. A. A. Smedley
Str. J. E. Savage	Capt. C. W. Fox	Engr. Ed. Jacques
Str. A. E. R. Schneider	Capt. C. A. Montgomery	Engr. A. W. Muhlitter

386 Valley Camp Steamship Co., 816 Western Reserve Bldg., Cleveland, (Operator)

(The J. A. Paisley Steamship Co.) (Owner)

R. J. Paisley, Manager; W. B. Pilkey, Marine Superintendent

Str. M. J. BartelmeCapt. G. R. DonerEngr. Henry Fritz
Str. William NelsonCapt. H. S. PerkinsEngr. F. A. Partridge
Str. W. B. PilkeyCapt. H. N. Millington ...Engr. Jos. Garant

387 VerDuin, William, Grand Haven, Mich. (Owner and Operator)

Tug C. J. Bos.....Capt. Wm. VerDuinEngr. Percy Marks

Virginia Steamship Co., The (See Fleet No. 140)

388 Wabash Railway Co., Detroit, Mich. (Operator)

(Wabash Railway Co., St. Louis, Mo.) (Owner); A. Aiken, Superintendent of Ferries

C. F. DetroitCapt. G. W. HonnerEngr. H. Lowry
C. F. ManitowocCapt. Russell AikinEngr. W. F. Taylor
C. F. TransferCapt. Walker NorwellEngr. E. J. Fitzgerald
C. F. TransportCapt. E. CramEngr. D. A. Patterson

389 Walkerville & Detroit Ferry Co., Foot Joseph Campau Ave., Detroit, Mich.

(Owner and Operator); Joseph Fitzsimons, Superintending Engineer

Str. EssexCapt. A. B. BaileyEngr. W. W. Schumaker
Str. HalyconCapt. J. McCartnyEngr. C. Lowery
Str. WayneCapt. J. RathbunEngr. P. McLaren

Wallaceburg Sand & Gravel Co., Ltd. (See Fleet No. 111)

390 War Department, U. S. Engineer Office, Buffalo, N. Y. (Owner and Operator)

Tug BuffaloCapt. Owen R. FacingerEngr. William D. Baillie
Tug Thomas Lincoln Casey..Capt. Nimord LongEngr. Clarence L Sauberan
Tug Degolia(Not in commission)

Tug Col. M. J. McDon-
noughCapt. Clark U. Jones.....Engr. Elmer J. Murphy
Dredge Willets PointCapt. James McCauleyEngr. Edward C. Dimmick
Dredge BurtonCapt. Enos L. WhiteEngr. Andrew J. Blankley
Motor Cruiser Sacjaquada..Capt. James GibsonEngr. John Charles Sturner

391 Water Transports, Ltd., Montreal (Owner and Operator)

John Waller, Manager; L. Beaupre, Marine Superintendent

Str. DeepwaterCapt. B. MaartenseEngr. B. Fidler
Str. StillwaterCapt. J. E. MacLeodEngr. J. Charlesworth
Str. SurewaterCapt. A. E. GreenEngr. S. Heather
Str. SwiftwaterCapt. H. WillemstynEngr. T. Harrison

392 Waterways Engineering Co., Green Bay, Wis. (Owner and Operator)

Tug Fred C. Greiling(Captains and Engineers vary)
Tug Satisfaction
Tug Bob Teed

Way, Arnold D. (See Fleet No. 272)

393 Weddell, Rob. G., Trenton, Ont. (Owner and Operator)

Str. DaisyCapt.Engr.
Str. M. SickenCapt.Engr.
Tug AureliaCapt.Engr.

Tug Minitaga	Capt.	.....	Engr.	.....
Tug Rob G. Weddell	Capt.	.....	Engr.	.....
Bge. Katie Brainard	Capt.	.....	Engr.	.....
Bge. Hilda	Capt.	.....	Engr.	.....
Bge. Montreal	Capt.	.....	Engr.	.....
Bge. Nadine	Capt.	.....	Engr.	.....
Bge. White & Friant	Capt.	.....	Engr.	.....

**394 Wells, L. A., Construction Co., 30 Euclid Arcade, Cleveland
(Owner and Operator)**

Tug J. R. Sprankle	Capt. S. S. Moore	Engr. Leonard Upper
Tug Donald Wells	Capt. Jos. Flynn	Engr. L. White
Derrick Scow Wellston	Capt. Hans Sehlon	Engr. Pete Raufte
Derrick Scow Wawasee	Capt. Roland Schuler	Engr. James A. Daye

West Ports Steamship Line (See Fleet No. 123)

Western Navigation Co., Ltd. (See Fleet No. 247)

**395 White Star Navigation Co., Foot Griswold St., Detroit, Mich.
(Owner and Operator); C. F. Bielman, Jr., General Manager**

Str. Tashmoo	Capt. Donald McAlpine	Engr. Jno. McCarten
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**396 White Star Tug Line, Foot of Genesee St., Buffalo, N. Y.
(Owner and Operator)**

Tug. M. D. Carrington	Capt.	Engr.
Tug John Perew	Capt.	Engr.

397 Whitney Bros. Co., 909 Alworth Bldg., Duluth, Minn. (Owner and Operator)

Tug Major Dana	Not in commission)		
Tug E. G. Maxwell	Capt. Wm. Jones	Engr. William Adams	
Tug William A. Whitney...	Capt. S. T. Boss	Engr. H. J. Moorhouse	
Derrick Scow The Clyde ...	Capt. Dave Collette	Engr.	
Derrick Scow Limit	Capt. Ed. Anderson	Engr.	
Derrick Scow No. 4	Capt. Patrick Nolan	Engr.	

398 Wilkins, William, 33 School St., Oshkosh, Wis. (Owner and Operator)

Str. Mayflower, Jr.	Capt. William Wilkins	Engr. Dan Cronk
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Willowbay Steamship Co., Ltd. (See Fleet No. 374)

**399 Wilson Transit Co., The, 948 Rockefeller Bldg., Cleveland, O.
(Owner and Operator)**

Str. William C. Atwater ...	Capt. E. R. Morton	Engr. Hans T. Meyers
Str. General Garretson	Capt. Geo. Stewart	Engr. Edmund Landry
Str. Charles S. Hebard	Capt. J. J. Phillips	Engr. J. C. Reynolds
Str. H. P. McIntosh	Capt. L. J. Francis	Engr. Wm. McKenzie
Str. James MacNaughton...	Capt. Wm. F. Gardner	Engr. Geo. E. Willard
Str. A. W. Osborne	Capt. R. F. Woodford	Engr. Swan Swanson
Str. W. D. Rees	Capt. W. G. Coles	Engr. Alfred Henry
Str. S. H. Robbins.....	Capt. M. D. McQueen	Engr. H. F. Bangs
Str. Frank E. Taplin.....	Capt. M. A. Mausolf	Engr. Edward Clark
Str. J. E. Upson	Capt. J. B. Rinn	Engr. H. S. Wixson
Str. Capt. Thomas Wilson..	Capt. Olaf Skuggen	Engr. F. J. Heagerty

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

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

401 Winkworth Transit Co., 8829 West Jefferson Ave., Detroit, Mich.
(Owner and Operator); John Reading, Superintendent

Str. William A. Hazard ...Capt. Russell BeattieEngr. E. Newall

402 Wisconsin & Michigan Transportation Co., Milwaukee, Wis.
(Owner and Operator)

Louis N. Biron, General Manager; F. A. Dority, Superintendent

Str. E. G. Crosby(Not in Service)

Str. MissouriCapt. Frank RichardsonEngr. Chas. Eason

Wisconsin & Michigan Transportation Co. (See Fleet No. 121a)

403 Wolverine Steamship Co., Boyne City, Mich. (Owner and Operator)
B. J. Gallagher, Vice President

Str. GriffinCapt.Engr.

404 Wright, Capt. Samuel, 12 Centre St., Port Arthur, Ont. (Operator)
(Mrs. M. Wright) (Owner)

Tug John Jr.Capt. Sam WrightEngr. John Neal

405 Wyandotte Transportation Co., 1622 Ford Bldg., Detroit, Mich.
(Owner and Operator)

E. L. Ford Port Captain; W. W. England, Superintending Engineer

Str. AlpenaCapt. George W. Moore ...Engr. Elmer Malcomson

Str. ConneautCapt. W. H. YatesEngr. Justin Houston

Str. HuronCapt. C. L. AtkinsonEngr. Neil McNeil

Str. WyandotteCapt. J. C. McCormickEngr. William Rowland

406 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 steam.

†Net tons stone carrying capacity; all others gross tons.

Vessel	Gross tons	Vessel	Gross tons
Ace	2,616	Barlum, Thos.	8,814
Adams, Cuyler	8,800	Barnum, G. G.	9,800
Adriatic	7,200	Barthelme	6,200
Aetna	3,000	Bay State	2,200
Affleck, B. F.	12,567	Bayton	7,500
Agassiz, R. L.	10,578	Becker, W. H.	6,436
†Alpena	8,000	Beechbay	1,400
Amazon	6,000	Belgium	6,000
Amberg, Wm. A.	10,950	*Bell, Sir I. L.	5,500
Anderson, John	5,500	Belvoir	3,650
Andrews, Mat-		Benmaple	2,000
thew	10,500	Bennington	3,000
Angeline	6,800	Berryton	9,900
Anticosti	3,000	Berwind, Edward	
Aragon	2,200	J.	12,000
Arcturus	9,500	Bethlehem	11,000
Arlington	2,220	Bielman, C. F.	2,056
Ashbay	1,400	Billings, Frank	8,500
*Ashland	1,394	Birchton	2,550
Ashley, J. S.	10,500	Black, C. A.	7,171
Ashtabula	2,670	Black, H. F.	9,207
Atwater, W. C.	11,600	Block, Joseph	10,000
Aube	1,900	Boardman, J. W.	6,000
*Augustus	1,285	Boland, John J.	9,850
Augustus, A. A.	9,000	Boland, John J.,	
*Aurora	2,236	Jr.	3,500
		Bowers, L. M.	12,500
Back Bay	3,000	Bradley, Carl D.	13,000
Bailey, F. A.	10,000	Bradley, M. A.	5,539
Baird, F. B.	1,747	Brandon	3,000
Baker, Geo. F.	11,889	Bricoldoc	6,500
Ball Brothers	9,000	Brockton	3,000
Ball, F. C.	9,300	Brookton	2,100
Barlum, John J.	9,914	Brown, Fayette	9,500

Vessel	Gross tons	Vessel	Gross tons
Brown, H. H.	10,000	Coalfax	2,900
Brown, H. W.	3,500	Cole, Thos. F.	12,114
Brown, J. J. H.	7,800	Collingwood	7,000
Brulin	3,850	Collins, E. C.	7,252
*Bryn Mawr	7,500	Colonel	5,700
Buffington, E. J.	11,954	*Colpet	1,600
Bunce, E. M.	3,000	*Compton	1,200
Bunsen, R. W. E.	7,573	†Conneaut	8,000
Burke, J. P.	3,500	*Cordova	5,500
Burlington	3,000	Corey, W. E.	11,018
*Burma	1,433	*Corliss, G. H.	5,500
Butler, Jr. J. G.	10,000	Cornelius, A. E.	7,500
Byers, A. M.	10,000	Cornell	7,809
		Cort, H.	3,400
C.	5,200	Corvus	6,800
Cadillac	6,300	Cottonwood	3,000
Caldwell, C. W.	1,900	Coulby, Harry	13,800
Calcite	7,000	Covalt	2,700
Calgadoc	3,300	Cowan, Wm. P.	7,000
Callender, D. E.	5,300	Cowle, John B.	10,500
Calumet	7,200	Crapo	6,000
Calverly, Jr.		Crawford, G. G.	12,586
W. D.	5,776	Crawford, W. D.	9,861
Cambria	9,000	Crescent City	4,112
Campbell, J. A.	10,000	Cressy, Dustin G.	1,200
Canadoc	7,000	*Crete	2,083
Canopus	8,000	Crete	8,500
Casco	2,360	Croft, Harry W.	10,000
*Case, J. I.	1,035	Crosby, W. J.	3,000
Cedarbay	1,400	Cygnus	6,800
Cedarton	2,550		
Cetus	6,800	Dalhousie City	1,255
Chemong	1,902	Dalton, Henry G.	12,000
Chicago Tribune	2,600	Daniels, Wm. H.	1,763
Chief Wawatam	2,990	Davidson, J.	12,500
*Chieftain	5,000	Davidson, J. E.	9,800
Chippewa	3,150	Davidson, L. R.	10,000
Claremont	2,200	Davidson, Thomas	2,483
Clarke, E. A. S.	10,000	*Davie, George T.	1,400
Clarkson, Worrell	12,000	Davock, W. B.	7,200
Clement, N. P.	1,729	Deepwater	2,600
Clement, S. M.	8,960	Denmark	8,500
Clemson, D. M.	12,821	Dickson, W. B.	12,194
Clyde, W. G.	12,000	Dinkey, Alva Co.	12,090
Clyde, The	1,000	Donaldson, J. A.	4,315

Vessel	Gross tons	Vessel	Gross tons
Donnacona	12,000	*Fritz, John	8,000
Donner, W. H.	8,600	Frontenac	12,000
Donovan, George		Fulton, Robert	6,000
R.	2,800	Gallagher, Michael	5,141
Douglass, E. T....	1,749	Garretson, General	9,300
Drumahoe	1,902	Gary, E. H.	11,152
Dundas	2,800	Gates, J. W.	8,418
Dustin, Bessie M..	2,100	Gehm, John	3,000
Dunn, Jr., John....	10,000	*Genoa	1,200
Durston, J. F.....	8,000	Gilbert	1,108
Eads, James B....	4,700	Gilchrist, R.	3,500
Easton	2,200	Glenelg	3,000
Edenborn, Wm.....	8,341	Goodyear, F. H....	12,200
Edmonton	3,000	Goulder, H. D....	9,033
Elba	7,200	Grammer, G. J. ...	6,412
Elgin	2,800	*Grampian	2,200
Elmbay	1,400	Granby	2,400
Ellwood, Isaac L..	8,458	Grand Island	8,500
Emperor	9,000	*Great Western ...	1,500
Ericsson, J.	5,300	Fred W. Green ...	3,000
Ewig, Harry T. ...	5,500	Hanna, D. B.	2,800
Fairbairn, Sir W... 6,064		Hanna, Jr., H. M.	8,400
Fairmount	2,400	Hanna, L. C.	8,700
Farr, M. E.	12,500	Hart, Judge	1,729
Farrell, James A..	12,192	Hartwell, Fred G..	12,000
Ferbert, A. H.	7,233	Harvard	7,928
Ferris, J. E.	8,500	Harvester, The ...	10,500
Field, A. C.	1,763	Harvey, A. F.	12,693
Field, William K..	12,000	Hastings	2,800
Filbert, W. J.....	12,589	Hatfield, J. A. ...	12,692
Finland	10,500	Hebard, Charles S.	9,000
Fitch, Wm. F.....	5,350	Hemlock	7,200
Fitzgerald	7,500	*Hilda	1,000
Florence	1,500	Hill, James J. ...	8,000
Fontana	5,200	Hill, L. W.	10,940
Foote, James B....	2,800	Hobson, R.	12,000
Ford, Benson	11,500	Holley, Alex.....	5,600
Ford, Emory L.	11,500	Holloway, J. A. ...	1,745
Ford II, Henry	11,700	Home, Smith	5,500
Fort Willdoc	7,000	Houghton, D.	7,692
Frantz, Joseph H..	11,091	House, F. E.	12,296
Franz, W. C.	5,500	Houson, C. H.	3,500
Frick, H. C.	11,230	Hoyt, II Elton....	10,000

Vessel	Gross tons	Vessel	Gross tons
Hubbard, Charles..	8,000	*Kingston	1,045
Hubbard, C. R.	9,400	Kinmount	2,500
Huguenot	4,000	Kinney, A. T.....	10,500
Humphrey, George		Kipawa	3,300
M.	12,000	Kling, John A....	7,000
Huntley, Charles R	1,759	Knowlton	2,400
†Huron	8,000	*Krupp, Alfred	5,500
Hutchinson, C. L..	10,000	La Belle	9,849
Illinois	6,000	*Lackawanna	9,600
Inca	2,000	Lagonda	4,900
India	1,800	*Lake Allen	3,600
Ingalls, G. H.	7,200	*Lake Crystal	3,600
Inland	3,000	Lake George	3,000
*Interlaken	1,000	*Lake Hemlock	3,600
Ireland, R. L.	10,500	*Lake Kytte	3,600
*Iron Cliff	1,500	*Lake Louise	3,600
Iselin, Adrian	3,000	*Lake Folcroft	4,500
*Isolde	3,000	*Lake Freeland ...	4,500
Ishpeming	10,000	*Lake Frugality ...	4,500
Jack	2,616	*Lake Frumet	3,600
Jenkins, Charles		Laketon	7,800
O.	9,400	Lamont, Thos. W..	12,000
*Jenney, W. LeB... 5,500		Lanark	2,800
John, J. B.	2,250	Langell, Simon ...	1,200
Johnson, Horace ..	12,000	Laughlin, James... 10,000	
Jones, B. F.	10,000	*Lebanon	9,800
Jones, Harry R....	7,800	*Lehigh	9,400
Jupiter	5,300	Lennox	2,800
*Kelley, Norman ... 1,200		Leonard, G. B. ...	6,500
Kenefick, Judge ... 1,745		Leopold, N. F. ...	9,500
Kennedy, J. McC. 5,500		Leslie, Alexander..	5,500
Kerr, D. G.	12,862	*Liberty	1,400
Keybar	2,350	Lindabury, Rich-	
Keybell	2,300	Limit, The	1,600
Keynor	2,350	Lindabury, Rich-	
Keyport	2,350	ard V.	12,786
Keystate	2,350	Lingeman, O. J....	3,000
Keyvive	2,350	Linn, W. R.	6,342
Keywest	2,350	Livingston	2,600
King	2,624	Livingstone, W....	9,576
*King, A. B.	1,200	Lynch, Thos.	12,048
King, Willis L.....	12,000	McCullough, C. H..	10,000
		McDougall, A.	7,318

Vessel	Gross tons	Vessel	Gross tons
McFarland	6,200	Midland Prince	9,000
McGonagle, W. A.	12,723	Miller, L. B.	8,470
McIntosh, H. P.	9,300	Mills, D. O.	10,000
McKellar, J. O.	3,500	Minch, Anna C.	6,300
McKinney, Price.	8,000	Minch, Philip	8,500
McLauchlan	12,000	Misener, Scott	3,500
McLean, John H.	7,088	Missouri	2,434
MacNaughton,		Mitchell, P.	6,983
James	11,600	Mitchell, S.	2,700
MacPherson, N. B.	1,743	*Mitschfibre	4,000
*Magna	5,500	Moll. Clifford F.	9,320
*Maia	6,600	*Montezuma	5,000
*Maida	3,474	Morgan, J. P.	11,884
Maitland No. 1	2,757	Morgan, Jr., J. P.	12,146
Malietoa	7,835	Morrell, Daniel J.	11,000
Malton	1,920	Morrow, J. S.	7,000
*Manila	8,000	Morse, Jay C.	10,000
Mantadoc	7,000	Morse, Samuel, F.	
Manitou	2,944	B.	7,804
Manuel, J. S.	8,500	Mullen, John	2,500
Maplebay	1,400	Mullen, Martin	7,000
Maplebranch	1,400	Munising	6,300
Maricopa	6,100	Munson, John G.	10,000
Mariposa	4,000	Murphy, Simon J.	7,506
Maritana	4,000		
Marquette	7,200	*Nadine	1,000
Marquette & Bes-		*Nasmyth, James.	5,500
semer No. 1.	2,300	Negaunee	6,300
*Marsala	8,000	Nelson	5,600
*Martha	5,500	Neptune	5,300
Massey, F. V.	2,800	Nettleton, A. E.	10,000
Mathiott, E. G.	6,500	Newbrundoc	3,300
Maryland	9,600	New York News.	2,600
Mataafa	7,257	Niagara	2,300
Mather, Samuel	12,000	Nisbett, W. F.	1,746
Mather, W. G.	13,000	Norfolk	2,800
Mathewson	12,000	Northton	4,200
Mathiott, E. G.	6,400	Northumberland.	1,255
Maunaloa	7,356	Norton, D. Z.	7,939
Maytham, T.	3,500	Norway	10,000
Mead, G. W.	6,300	Nottingham, W. ..	6,500
Medill, Joseph	9,000	Novadoc	3,300
*Melrose	1,232		
Michigan	10,000	Oakbay	1,400
Midland King	6,000	Oakton	2,550

Vessel	Gross tons	Vessel	Gross tons
Odanah	7,200	Portsmouth	5,500
O'Hagan, John J.	3,000	Presque Isle	6,600
Olcott, W. J.	12,202	Princeton	7,835
Osborn, Frank C.	4,650	Prindoc	6,000
Osborne, A. W.	6,000	Progress	2,424
Outadoc	7,000	Puritan	1,762
Oxford	2,800		
		*Quebec	1,900
Pahlow, Louis	6,500	Quedoc	4,500
Paine, W. A.	9,000	Queen	2,592
Paisley, Robert J.	5,800	Queen City	5,985
Palmer, W. P.	12,406		
Parks Beaumont		Rahane	3,750
(nee Renown)	5,600	Rammacher, J. J.	1,723
Pargny, E. W.	12,824	Rand, G. F.	10,500
Patdoris	1,000	Ranney, Rufus P.	7,500
Pathfinder	10,000	Ream, N. B.	11,915
Pegasus	6,700	Redfern, C. E.	1,400
*Pellett, Jas. H.	6,800	*Reddington, Nellie	1,083
Penobscot	3,943	Reed, James H.	7,800
Pere Marquette 12	2,767	Rees, W. D.	5,600
Pere Marquette 14	2,531	Reid, J. T.	3,200
Pere Marquette 15	2,443	Reiss, Clemens A.	7,000
Pere Marquette 17	2,775	Reiss, J. L.	9,000
Pere Marquette 18	2,777	Reiss, J. P.	10,000
Pere Marquette 19	2,626	Reiss, Otto M.	7,000
Pere Marquette 20	2,626	Reiss, Peter	10,000
Pere Marquette 21	2,992	Reiss, Richard J.	7,000
Pere Marquette 22	2,985	Reiss, Wm. A.	7,000
Perkins, G. W.	11,115	*Reliance	3,000
Perseus	8,000	Rensselaer	7,763
Phipps, Henry	12,009	Richards, J. B.	1,743
Pickands, Colonel		Richardson, R. R.	6,966
James	12,000	Richardson, W. C.	6,647
Pilkey, W. B.	6,200	Riverton	7,800
Pillsbury, J. S.	1,754	Robbins, S. H.	7,000
Pinebay	1,400	Roberts, Jr., P.	12,403
Pioneer	9,500	Roberts, W. T.	10,000
Pittsburgh	1,000	Robinson, C. S.	9,600
Poe, Gen. O. M.	8,049	Robinson, L. W.	3,000
Pollock, W. G.	4,872	Robinson, T. W.	11,000
Pomeroy, R. W.	1,723	*Roebbling, J. A.	8,000
Pontiac	12,000	Rogers, H. H.	11,879
Pope, E. C.	2,787	Rosemount	2,250
Peplarbay	1,400	Royalton	12,000

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

American Boiler Works

Front & State St., Erie, Pa.

F. J. Tollon, President and General Manager.
F. J. Tollon Jr., Chief Engineer.

REPAIR FACILITIES: Equipment for all boiler and engine repairs. Equipment for any hull work above water line. (Not dry dock.)

FLOATING REPAIR EQUIPMENT: Tug with air compressor and electric welding outfit. Derrick scow with 45 foot boom.

GENERAL INFORMATION: Builders of tugs and scows.

The American Ship Building Co.

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

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. Cottrell, 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

R. W. Harper, Superintendent of Shipyard.
Robert Bodenlos, Superintendent of Machine and Boiler Shops.

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.

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

LORAIN PLANT

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.

Thomas B. Banner Boiler & Welding Co.

308 West Austin Ave., 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 over all 630' 0"; width of entrance at top, 81' 2"; depth over blocks, 13' 10".

No. 3—Length over all, 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

D. B. Carswell, General Manager.

J. W. Savidant, Treasurer and Comptroller.

H. M. Cameron, Naval Architect.

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 and one derrick scow, all 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.

Great Lakes Engineering Works

River Rouge, Mich.

J. A. Ubsdell, President and General Manager.
George B. Turnbull, Vice President.
John T. Webster, Vice President.
Frederick G. Morley, Secretary-Treasurer.
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, MICHIGAN, 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.

H. E. Gilpin, President.
G. A. Tomlinson, Vice President.
M. H. Wardwell, Secretary and Treasurer.
H. N. Hobart, Assistant to the President.
F. A. Bailey, Superintendent.

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.

The 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.

L. E. Geer, 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, Superintendent (Shipyard).

W. I. McIntosh, Superintendent (Machine Shop).

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 DOCKS: Floating, 1500 ton.

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.

Hector McLeod, Superintendent.

REPAIR FACILITIES: Fully equipped for boiler or engine repairs.

BUILDING BERTHS: One at 650' or two at 265'.

Port Arthur Shipbuilding Co. Ltd.

Port Arthur, Ont., Can.

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

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

B. H. Saunders, 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—220'.

The Superior Shipbuilding Co.

(Subsidiary of The American Ship Building Company) Grand Ave., N. E. Corner 2nd 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.

Toledo Shipbuilding Co., Inc.

Toledo, O.

H. S. Wilkinson, President and Treasurer.

E. Hopkins, Vice President and Naval Architect.

J. Burton Ayers, Secretary and Assistant Treasurer.

J. F. Rawlinson, General Superintendent.

J. L. Goble, Chief of Hull Department.

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 feet in length.

DRY DOCKS: No. 1—Concrete with steel gate, length 690 feet, width 96 feet, depth over sill, 14' 6".

No. 2—Wood, with steel gate, length 569 feet, width 80 feet, depth over sill, 13' 0".

Port Directory and Where-to-Buy

ALLOUEZ, WIS.

Supplies (Marine)—DULUTH MARINE SUPPLY CO. (A. R. Hallam & K. E. Hallam) Captains', Engineers' and Stewards' Supplies—Vacuum, Erie, Standard and Enarco Oils. Phones: East 54—East 347.

ASHLAND, WIS.

Laundry—CRYSTAL LAUNDRY. Will appreciate your work when bringing up coal. Personal and ship laundry. Also agent Dry Cleaners. We'll be there to meet you in ASHLAND and WASHBORN. Phone: 93.

ASHTABULA HARBOR, O.

Drugs—TURNER'S DRUG STORE, 65 Bridge St. Specialty Ship Medicine Chests replenished.

Meats—RENNICK, TOM J., 98 Bridge St. High grade Meats and Poultry. Day and night service to marine trade. Phone No. 5338.

Repairs—McKINNON IRON WORKS CO., THE. Oil and Engineers' Supplies. Machine Shop, Foundry, Grate Bars.

Supplies—CHRISTENSEN, WILLIAM, 70 Bridge St. Cigars and Tobacco, Magazines, News, Ice Cream, Sodas, etc.

BUFFALO, N. Y.

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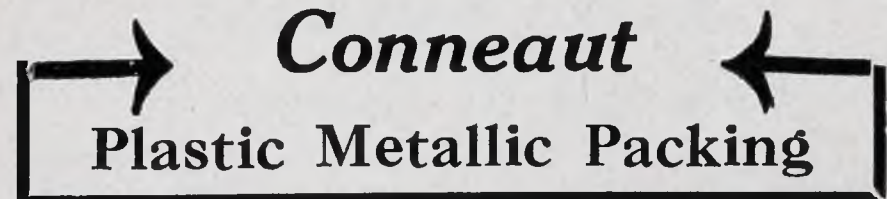
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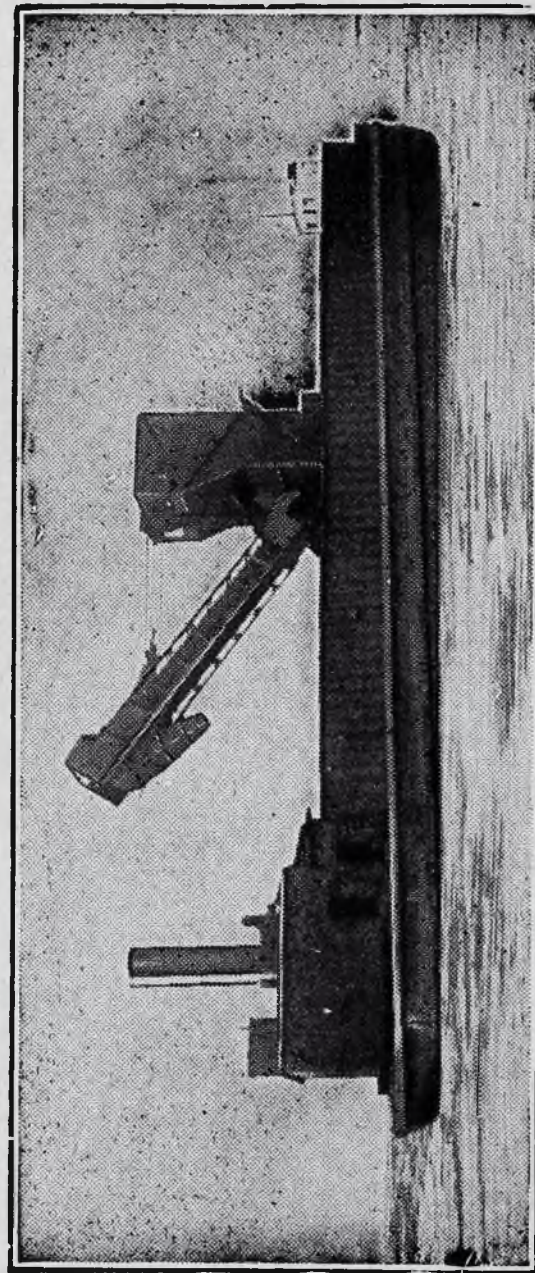
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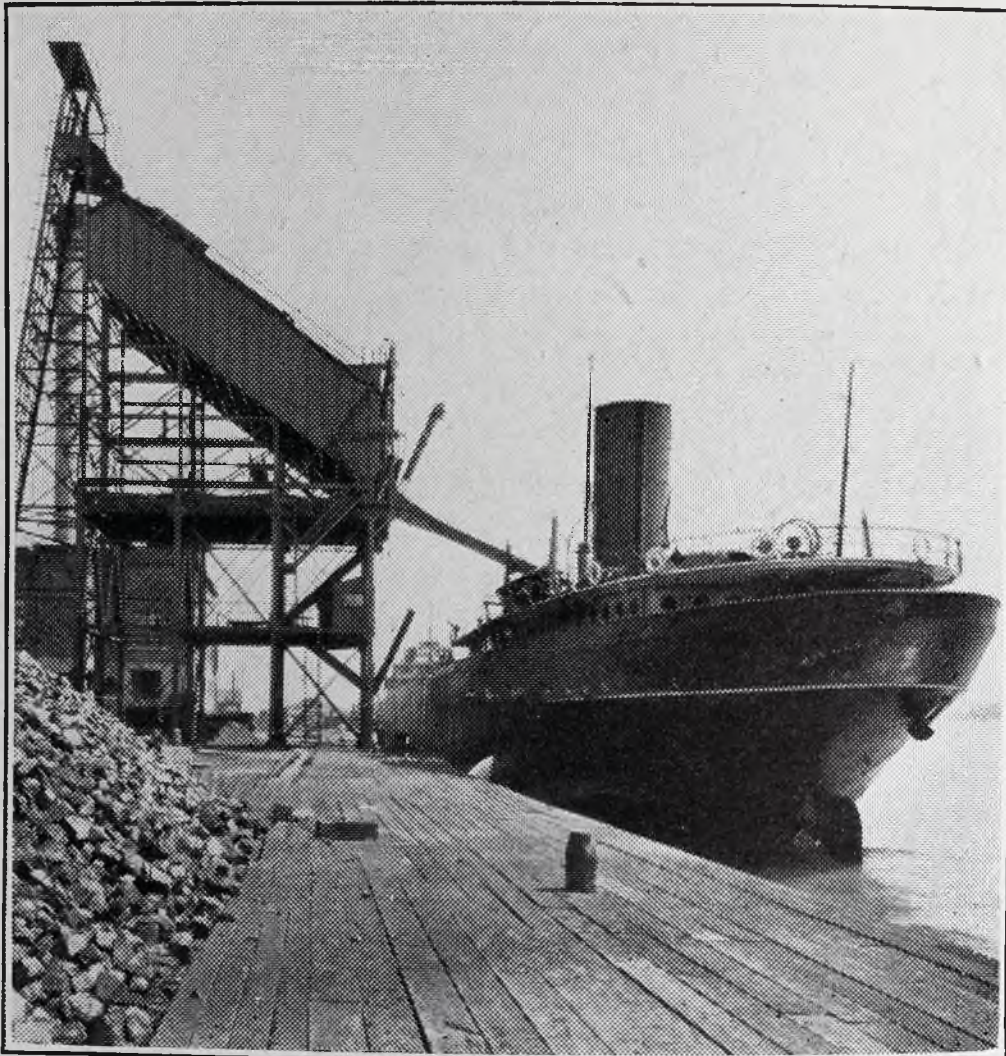
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