

The Great Lakes

RED BOOK

1942

A list of over 1500 Vessels of the Great Lakes, including the names of their Owners, Captains and Engineers, and of Ship-building and Repair yards.

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Complete Port Directory
Complete Shipyard Directory
Dimensions and Capacity of
Bulk Freighters

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HOW TO USE THE DIRECTORY



■ Beginning on page 41 are listed more than 1500 vessels available for service on the Great Lakes for the season of 1942. In addition to management, chief operating personnel is given where possible. In the case of bulk freighters technical data, such as keel length, beam, depth, distance between hatches, and carrying capacity at 20-ft. draft are given.

■ To find the name of the owner, captain or engineer, refer to the name of the vessel in the alphabetical index. Each listing in this index carries a number which refers to the fleet to which the vessel belongs and is found preceding the owner's name in the fleet listing.

■ On page 121 a directory of shipbuilding and ship repair yards is given, listed alphabetically, with the names of officials and pertinent data.

■ On page 138 a Where-To-Buy directory will be found, conveniently listed under each port.



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DOMESTIC HAND FIRED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
COMMERCIAL STOVE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DOMESTIC STOVE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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METALLURGICAL COKE PLANTS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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BARBQADE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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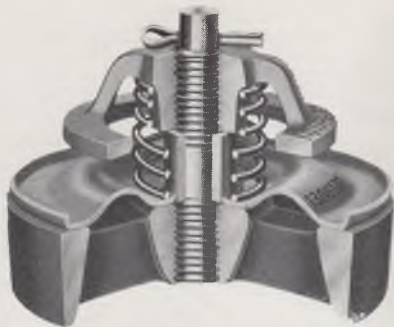
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Kelley, Norman.	211
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Kenosha	204
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Keyholt	108
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Keyport	108
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RIGID PIPE TOOLS

Vessel	Fleet No.	Vessel	Fleet No.
Laughlin, James....	103	McDonough	203
Lavalduc	158	McDougald, John A.	185
Lavaltrie	30	McDougall, Alex.....	23
Laviolette	30	McFarland, O. S.....	154
Lebanon	15	McGean, W. H.....	97
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Lehtinen	113	McGonagle, W. A.	165
Lemoyno	28	McGuire, Dr. Wal-	
Leona	179	ter G,	83
Leonard, George B.	84	McKee, Geo. M.....	125
Leopold, N. F.....	97	McKellar, J. O.....	182
Leslie, Alexander....	112	McKerchey, J. M....	107
Lester, K.	109	McKinney, Price.....	97
Lethbridge	28	McLauchlan, Wm....	162
Levis	168	McLean, John	165
Lillis, John T.	74	McNaughton, Jas....	212
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Lockwood	203	Mackay, Robert.....	142
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Loo Loo.....	36	Macoubry, J. H.....	139
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Lorene	211	Madison	81
Loretta	30	Magna	23
Louisiana	85	Magpie	2
Luedtke, Karl E.....	122	Maia	23
Luedtke, Erich R.	122	Maida	168
Lydon, William A.	83	Maine	85
Lynch, Thomas.....	165	Maine	195
		Maitland, Thomas..	169
		Majestic	83
		Malietoa	165
		Manila	23
		Manitoba	33
		Manitou	62
		Manitoulin	157
		Manitowoc	209
		Manseau No. 101....	125
		Manseau No. 104....	125
		Manseau No. 105....	125
		Manseau No. 107....	125
		Mantadoc	158
		Manuel, John S....	97

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McBride, Sam	198
McCool, Daniel.....	35
McCormick, John A.	83
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Maplebranch	125	Merganser	202
Mapleheath	28	Merle H.	113
Marguerite T.	188	Merle J.	110
Marguerite W.	113	Messenger	147
Marinette	204	Mexoil	86
Marion	83	Michigan	42
Mariposa	23	Michigan	83
Marita	22	Michigan	85
Maritana	23	Michigan	93
Markham, Gen.	43	Michigan	136
Markham, Gen. E. M.	83	Midland City	79
Marquette	46	Midland Prince	28
Marquis Roen	134	Miller, J. Clare	154
Marsala	23	Miller, Governor	165
Martha B.	110	Mills, D. O.	162
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Maryland	15	Minnesota	85
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Mataafa	165	Missouri	85
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Mathewston	182	Mitchell, Samuel	96
Mathilda	187	Mitschfibre	63
Mathiott, E. G.	154	Mogul	83
Matton 10	129	Mont Louis	90
Matton 20	129	Montana	85
Matton 21	129	Montcalm, General	125
Matton, Ralph E.	129	Moody, R. E.	154
Maunaloa	165	Morgan, J. Pier- pont	165
Maurice T.	188	Morgan, Jr., J. P.	165
Mayer, Oscar F.	83	Montrell, Daniel J.	15
Meadcliffe Hall	90	Morrison, J. D.	46
Meade, G. G.	204	Morrison, Capt. T. W.	125
Meaford	28	Morrow, Jos. S.	174
Medill, Joseph	38	Morrow, Jay C.	162
Meldrum, H. A.	129	Morse, Samuel F. B.	165
Menasha	204		
Mercury	43		



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Jordan 5516
Adams 4930
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22-726

Vessel	Fleet No.	Vessel	Fleet No.
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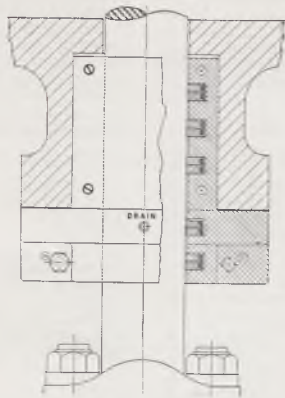
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Outarde	173

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Paisley, Robt. J....	154

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TYPE No. 250

Type illustrated is furnished for intermediate and low pressure piston rods also all valve rods. It contains three pairs of pressure rings, one pair of condensation stripping rings and a pair of rings to protect vacuum. Packing for high pressure rods is of the same construction except that it contains an additional uppermost groove provided with a breaker ring.

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Vessel	Fleet No.	Vessel	Fleet No.
Palmer, Wm. P.....	165	Porter, Letitia	166
Panoil	86	Porter, Tupper.....	166
Panton, Wm. R.....	66	Portwell	182
Paratex	89	Post, G. G.	154
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Parks, Beaumont...	192	Prescotont	32
Padoris	190	Prescott	28
Pathfinder	162	Presque Isle	42
Paul, Chas. A.....	212	Price, John H.....	90
Paul T.	188	Princeton	165
Pauline T.	188	Prindoc	158
Peerless	119	Progress	123
Pegasus	162	Pronto	202
Pego K.	134	Purvis, E. D. M.....	170
Pelee	92	Put-in-Bay	10
Pellett, John H.....	211		
Penetang	28		
Pennsylvania	85		
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Peters, S. C.	80		
Phipps, Henry	165		
Pickands, Col. Jas.	462		
Pilkey, Wm. E.			
(see Frank E. Vigor)			
Pilsbury, J. S.	206		
Pinebranch	125		
Pioneer	42		
Pioneer	202		
Pittsburgh	164		
Poe, O. M.	165		
Pollock, W. G.	139		
Ponoka	205		
Pontiac	42		
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Pope, E. C.	150		
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Ranney, Rufus P....	196
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Ream, Norman B....	165
Red Crown	192
Red Crown	211

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Vessel	Fleet No.	Vessel	Fleet No.
Redcloud	152	Rogers, Henry H.....	165
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J. M.	186

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Vessel	Fleet No.	Vessel	Fleet No.
Schupp, Wm.....	200	Sonoma	151
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Seubert, E. G.....	132	Cement	17
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Shasta	20	Starmount	28
Shaughnessy, Sir T.	141	Starwell	182
Shaugraun	66	Steel Chemist	7
Shaun Rhue	66	Steel King	150
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Vessel	Fleet No.	Vessel	Fleet No.
Superior Ship.....	6	Transriver	199
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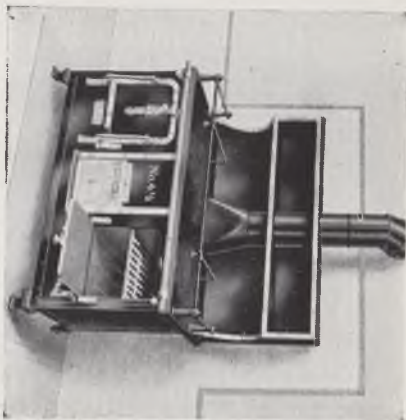
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Vessel	Fleet No.	Vessel	Fleet No.
Walsh, James P.....	97	Williams, H. D.....	165
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Goki	A. Long	H. Maki
Kam	R. M. MacVittie	W. Service
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	G. H. Shanks, Superintendent		
Algocen	504-54-30	9,500	M. A. Livingstone.....A. M. MacInnes
Algorail	346-48-28	5,500	Chas. T. Beatty.....M. C. Tymon
Algosoo	346-48-28	5,500	A. H. Blackwell.....D. A. McConnell
Algosteel	480-52-30	8,500	M. A. Lougheed.....Bert Myler
Algoway	365-50-28	6,000	James Sykes.....S. H. Wheeler

4 Allouez Marine Supply Co., Inc., 3815 Itasca St., Superior, Wis.

G. L. Bug (tug)	Charles Worsley
G. L. Hallam Bros. (tug)	Maurice St. George
36 B 352	No appointment

5 American Construction Co. Inc., 1348 Standard Bldg., Cleveland (Operator)

Aubrey (tug)	George T. LaLonde	Raymond Kove
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6 American Ship Building Co., The, 1410 Terminal Tower, Cleveland (Owner and Operator)

No appointments made

- At Buffalo: Repair steamer Service; steam launches Amership and H. G. Smith; derrick scow No. 8.
- At Chicago: Repair launches Chicago Ship No. 1 and C.S.B. 2; motor launch Chicago Ship No. 3.
- At Cleveland: Repair steamer The Craftsman; motor launch Cleveland Ship.
- At Lorain: Motor launches Lorain Ship and Hustler.
- At Superior: Repair steamer Robert J. Close; repair launch Superior Ship.
- At Toledo: Motor launch Sid, Jr.; repair scow American.

Chief Engineer

Captain

American Steamship Co. (See Fleet No. 17)

7 American Steel & Wire Co., Rockefeller Bldg., Cleveland (Owner and Operator)
 E. R. Cassidy, Manager, Lake Transport Div.

Steel Chemist	J. G. Woerpel	W. R. Wright
Steelvender	G. L. Kane	J. A. Merritt

8 Ann Arbor Railroad Co., Frankfort, Mich. (Operator)

Ann Arbor Railroad Co., Toledo, O. (Owner)

O. T. Larson, Marine Superintendent

Ann Arbor No. 3	W. G. Beaucock	Emil Stolson
Ann Arbor No. 5	M. G. Roen	S. Arnerson
Ann Arbor No. 6	A. B. Jacobsen	M. Dahlgren
Ann Arbor No. 7	A. A. Straubel	S. J. Hawkins
Wabash	B. H. Hanson	George Johnson

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

Elva	not in commission	
Mackinac Islander	Hillard Bentgen	Robt. MacArthur
Ottawa	Frank Davis	Geo. Powell
D. P. Perry	not in commission	

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

Put-in-Bay (passenger)	John N. Peterson	Edw. Gelnaw
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Chief Engineer

Captain

11 Barnett & Record Co., 429 N. Fifth St., Superior, Wis. (Owner and Operator)

D. J. McKinnon, Agent

America (derrick scow)	Adolph Nelson	Eric Larson
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12 Bay Quinte Transportation Co. Ltd., Belleville, Ont. (Owner and Operator)

Wm. R. McCreary, President

Glen Allan	James Haylock	Carl Patterson
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13 Bay Transportation Co., The, Sandusky, O. (Owner and Operator)

A. Kuebler Jr., President and General Manager

G. A. Boeckling	Otto Wyss	George Alheit
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14 Becker, Frank, Towing Co., 4103 W. Jefferson Ave., Detroit (Owner)
 George Klemm, Manager

B. H. Becker (motor tug)	Ivan Brussick
G. F. Becker (tug)	

Bethlehem Steel Co. (See Fleet No. 15)

15 Bethlehem Transportation Corp., 2600 Terminal Tower, Cleveland (Operator)
 F. C. Oakes, Manager; Albert H. Amhaus, Fleet Engineer

Bethlehem Steel Co. (Owner)

Bethlehem	580-60-32	12	12,100	Edward P. Fitch	Homer T. Stearns
Cambria	504-54-30	12	9,400	John Ward	S. Ramberg

				Captain	Chief Engineer
Lackawanna	530-56-31	12	10,200	Andrew Andrews	R. P. Frye
Lebanon	530-56-31	12	10,200	V. L. Hosner	N. Perry
Lehigh	525-55-31	12	9,800	W. J. Colson	C. Pletcher
Maryland	530-56-31	12	10,200	Charles Lindsay	E. H. Parry
Saucon	549-56-31	12	10,500	Fred DesJardins	F. Beger
Steelton	504-54-30	12	9,400	Wilfred Couture	O. Anderson
Cambria Steamship Co. (Owner)					
Daniel J. Morrell	580-58-32	24	11,300	J. B. Sullivan	Valentine Kraemer
Edw. Y. Townsend	580-58-32	24	11,300	Fred Sturtevant	George Pennycook
Mahoning Steamship Co. (Owner)					
William H. Donner	504-54-30	24	9,400	G. Oscar Dalrymple	Thomas Griffiths
Leonard C. Hanna	504-54-30	12	9,400	E. Goff	J. A. McCarron
Powell Stackhouse	504-54-30	12	9,400	Martin Johnston	C. Cox

Bison Steamship Corp. (See Fleet No. 17)

16 Bob-Lo Excursion Co., Foot of Woodward Ave., Detroit					
(Owner and Operator)					
(All vessels are ferries)					
Britannia				not in operation	
Cadillac				not in operation	
Columbia				John J. Denstaedt	Edward Seymour
LaSalle				not in operation	
Ste. Claire				Charles H. Anderson	Donald Reid

17 Boland & Cornelius, Marine Trust Bldg., Buffalo (Operator)					
Ray T. Carter, Marine Superintendent					
American Steamship Co. (Owner)					
Achilles	514-65-39'6"				
John J. Boland	480-52-30	12	8,600	M. Walle	John Burg
Consumers Power	504-56-30	12		G. Anderson	F. McCarthy
Adam E. Cornelius	420-52-28	24	7,200	I. Peterson	H. Dietlin
Diamond Alkali	580-60-32	12		James Herbert	L. Bundschuh
Dow Chemical	504-56-30	12		L. Goudie	J. Lawrence
Fontana				H. Hansen	Sam Conners
Jason	514-65-39'6"				
Norman J.					
Kopmeier	504-54-30	12		Ray Laughlin	J. Cunningham
Geo. F. Rand	532-58-32	12		J. Heffernan	D. McCarthy
J. F. Schoellkopf					
Jr.	532-56-30	12		P. Williamson	Darstan Cand
Edmund P. Smith	480-54-30	24	8,700	C. McNally	John Oshansky
Standard Portland					
Cement	444-56-28	24	8,000	J. Jacobsen	P. Worden
Thunder Bay					
Quarries	504-54-30	24		E. Solberg	Charles Dowd
U. S. Gypsum	504-56-30	12		James Healy	Joseph Miller
Harry Yates	444-56-28	24	8,000	P. J. Healy	H. Goodwin
Sinaloa				A. Ellingson	G. Johnson

(Captain

Chief Engineer

Bison Steamship Corp. (Owner)

John Gehm251-44-21

O'Hagan251-44-21

Lake Chelan Steamship Corp. (Owner)

Lake Chelan252-44-18

18 **Bradley Transportation Co., Rogers City, Mich. (Owner and Operator)**

(All vessels are self-unloaders)

Carl D. Bradley.....615-65-33 12,000

F. F. PearseJohn S. Sparre

Calcite416-54-29 6,000

Leo MollChas. Frederick

John G. Munson530-60-32 9,500

C. A. ThorsenArthur Urdal

T. W. Robinson.....566-60-32 10,000

Crossley McQuinn.....Guy LaBounty

B. H. Taylor.....530-60-32 9,500

Donald NautsThos. Suttle

W. F. White.....530-60-31 9,500

M. R. MacLeanJ. A. Anderson

Branch Lines Ltd. (See Fleet No. 125)

46

19 **British-American Oil Co. Ltd., Royal Bank Bldg., King and Yonge Sts., Toronto, Ont. (Operator)**

W. G. Smith, Superintendent

Britamoil

W. F. GarrettGeo. Bragz

Britamolene

B. J. ZinkW. D. McCann

Britamlube

D. M. MurphyJohn Scott

Britamoco

J. R. AndersonJ. Sweeting

Britamette (m. v.)

C. O. Sensabaugh.....F. H. Brickenden

Brockville Steamship Corp. Ltd. (See Fleet No. 44)

Captain

Chief Engineer

20 **Brown & Co., Chamber of Commerce Bldg., Buffalo (Operator)**

Brown Steamship Co. (Owner)

J. J. H. Brown.....432-52-28 12 7,500

H. D. SellonLeroy Wilcox

Jas. E. McAlpine.....432-52-28 12 7,500

R. H. RussellRay Hanel

Shasta380-50-28 24 6,300

E. H. EricksonE. G. Gibb

Brown Steamship Co. (See Fleet No. 20)

21 **Brown, Worthy R. & Son, Inc., Lakeside, O. (Owner and Operator)**

William R. Brown, Port Captain

Lakeside III (tug)

Alex Metz

22 **Bryson, C. W., 823 Rockefeller Bldg., Cleveland (Operator)**

Copper Steamship Co. (Owner)

Marita172-30-15 650

W. A. DeLandJ. L. Scott

Sagamore (barge).....366-44-26 5,800

India Navigation Co. (Owner)

India (barge)210-32-14 1,200

R. E. Moyer

23 **Buckeye Steamship Co., The, 1508 Rockefeller Bldg., Cleveland (Owner and Operator)**

John T. Hutchinson, President

Sir Wm. Fairbairn.....414-46-28 24 6,100

A. C. McLeanW. Knapp

Harry W. Hosford...506-50-28 24 7,700

Harold Jacobsen.....E. R. Liberty

47

Magna (barge).....	352-44-26	24	5,600
Mala (barge).....	376-48-26	24	5,600
Manila (barge).....	436-50-29	24	7,200
Mariposa.....	330-45-25	24	4,000
Maritana.....	320-45-25	24	3,900
Marsala (barge).....	436-50-28.6	24	8,000
Alex McDougall.....	413-50-27	24	6,300
Simon J. Murphy.....	428-52-28	24	6,700
Smeaton (barge).....	446-50-30	24	7,400
Geo. Stephenson.....	408-48-28	24	6,100
Andrew S. Upson.....	380-52-28	12	6,600

Captain	Chief Engineer
Leif Alme.....	R. Jurkovic
Howard Anderson.....	F. Smik
Chester Nichol.....	John Kero
A. G. Regan.....	W. Wetton
Charles E. Butler.....	J. Ruddock
Peter J. Martin.....	L. LaPlant
Gus T. Clausson.....	J. Mac Iver
Arthur Kristiansen.....	J. Eskelin
Mitchell Johnston.....	F. Summerfeld
Oakley Keller.....	T. Hedglin
Stanley Anderson.....	L. S. Barry

24 Buffalo, City of, Department of Fire

John J. Tubridy, Commissioner of Fire

W. S. Grattan (steam fire tug)..... Patrick J. Mullane..... John J. Dee

Cambria Steamship Co. (See Fleet No. 15)

25 Buffalo Gravel Corp., 19 Hudson St., Buffalo (Owner and Operator)

Charles F. Strasmer Jr., General Manager

Weston M. Carroll.....	no appointments made
Crescent.....	no appointments made
Hyman.....	no appointments made
Lakewood.....	Chas. E. Nash..... Joseph T. Whelan
Victoria.....	Harry A. Keefer..... Harry Chopin

26 Canada Atlantic Transit Co. of U. S., 384 St. James St., Montreal, Que. (Owner and Operator)

J. A. Sauve, Manager

Kearsage.....	350-44-27	3,000
Arthur Orr.....	353-41-25	2,600
E. Mekelsen.....	A. W. H. Jensen	

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

(Both vessels are self-unloaders)

Bulkarier.....	253-43-25	A. Isaac..... Wilson L. Emrick
Cementkarrier (el. m. v.).....	253-43-20	E. Knudsen..... M. E. Fowler

28 Canada Steamship Lines Ltd., P. O. Box 100, Montreal, Que. (Owner and Operator)

W. J. King, Operating Mgr., Montreal; P. S. Jaeger, Dist. Mgr., Cleveland

	Upper Lake	Bulk	Freighters	
Ashcroft.....	546-60-28	9,250	J. F. Davis.....	M. J. O'Brien
Collingwood.....	386-50-23	5,410	E. Griesbach.....	M. Dedman
Donnacona.....	604-59-28	10,580	James Roach.....	C. Leriche
Emperor.....	525-56-27	7,900	J. A. Brown.....	P. Eagles
Gleneagles.....	582-60-28	10,000	D. W. Burke.....	Geo. Price
Goderich.....	480-54-26	7,500	J. J. Dube.....	James Kirk
Hagerly.....	536-58-27	8,800	E. Walkinshaw.....	J. M. Kennedy
Lemoyne.....	621-70-25	12,600	C. E. Robinson.....	H. H. Moore
Prescott.....	494-50-24	7,500	Roy Burke.....	F. Lumley

	Captain	Chief Engineer
Stadacona	582-60-28 10,100	T. S. Patterson
Westmount	536-58-27 8,900	A. F. MacLennan
	Upper Lakes Package Freighters	
Huronic	H. L. Beaton	J. R. Naudie
Renvoye	W. J. Holler	H. Myler
	Lower Lake Package Freighters	
Battleford	A. J. Galloway	W. L. Hurder
Beaverton	D. H. Porter	P. J. Rutherford
Calgarian	A. Allen	J. Brooks
Canadian	E. Corcoran	T. Nichols
City of Hamilton	J. A. Lepine	J. M. Clark
City of Kingston	J. A. Ferguson	M. J. Sherman
City of Montreal	N. Legault	H. Paus
City of Toronto	M. J. Corkey	A. P. Norris
City of Windsor	A. Francis	L. E. Spencer
Edmonton	Roy Anderson	A. J. O'Brien
Fernie	Alex Wilson	D. G. Pruder
Kenora	E. F. Poidevin	J. Neilon
Lethbridge	E. J. Shannon	R. W. Howes
Saskatoon	Thos. R. McLeod	A. J. McChristie
Selkirk	E. F. Raeburn	J. A. MacDonald
Weyburn	H. R. Baxter	R. H. Isbester
Winnipeg	H. A. Patterson	F. B. Donnell
	Lower Lake Bulk Freighters	
Acadian	W. J. Hore	W. P. O'Brady

50

	Captain	Chief Engineer
Barrie	H. Laliberte	A. Fugere
Donald Stewart	V. Chartier	W. J. McWilliam
Fairmount	D. Nolan	J. W. Gray
Grainmotor	J. W. Scarrow	E. C. Fleming
Kinmount	J. R. Lamarre	G. W. Clark
Mapleheath	H. Leaney	E. L. Warner
Meaford	G. Lefebvre	A. Meikle
Penetang	A. Bonin	J. Bennett
Simcoe	J. Leblanc	J. A. Lentz
Starmount	J. R. G. Toupin	R. G. Kelly
	Self-Unloaders	
Coalhaven	L. G. Bird	A. V. Smith
Collier	T. W. Adam	R. M. Bonnell
Glenelg	N. J. Reoch	W. E. Downing
Midland Prince	P. Beatty	J. Douglas
Osler	R. Belcher	J. B. Polding
	Eastern Division Passenger Steamers	
Quebec	C. H. Burch	N. Peloquin
Rapids Prince	P. J. Cherry	E. Lenneville
Richelieu	C. A. Bodensieck	Geo. Bourret
St. Lawrence	A. Delage	O. Peloquin
Tadoussac	W. Gagne	N. Crepeau
	Western Division Passenger Steamers	
Cayuga	H. Webster	J. F. Henry
Kingston	B. A. Bongard	G. W. MacDonald

51

	Captain	Chief Engineer
Northern Division Passenger Steamers		
Hamonic	Wm. Taylor	J. G. MacHattie
Noronic	H. J. Aitken	J. W. McLeod
Tree Line Navigation Co. Ltd.		
Elmbay	Geo. C. Kirk	L. Morinville
Sprucebay	A. J. Story	L. R. Rousseau
Teakbay	P. Morinville	R. Gibson

**29 Canadian Dredge & Dock Co. Ltd., 302 Harbour Commission Bldg.,
Toronto, Ont. (Owner and Operator)**

A. M. German, General Manager
(All are tugs)

A. M. German	S. B. English	George Young
F. W. Grant	J. H. Gillem	Mat. Ryckman
Hector	not in commission	
A. M. Macaulay	Wm. Oates	Fred Chester

30 Canadian Government, Department of Transport, Ottawa, Ont.

J. G. Macphail, Director of Marine Services

Out of Prescott:		
Grenville	J. T. M. Barry	G. W. Smallwood
Out of Montreal:		
Argenteuil	Thos. Weir	Joseph Ranger
Safeguarder	J. E. Aussant	G. Robidoux
Francois (motor vessel)	Romeo Perron	C. Peloquin

Captain

Chief Engineer

Out of Parry Sound:		
St. Helliers	J. Ouellette	Roy W. Stewart

J. E. St. Laurent, Chief Engineer

St. Lawrence Ship Channel Service

Out of Sorel:		
Berthier	D. Beaudet	L. Salvail
Frontenac	U. Blais	J. Peloquin
Vercheres	V. Laforest	Joseph Joly

E. B. Jost, General Superintendent of Canals
Canal Service
(All are tugs)

At Montreal:		
Lavaltrie		
Welland Canal	J. L. M. Gagne	J. A. Laliberte
Soulanges	L. Lacouture	J. B. Ducape
At Chambly Canal:		
Lachine Canal		A. Garceau
At Cascades Point:		
Carillon	N. Lafrance	W. Thauvette
At Cornwall:		
W. A. Bowden	L. McLatchie	H. I. Myers
At Port Weller:		
Laviolette	J. J. Conlon	

Captain

Chief Engineer

At Sault Ste. Marie:

Batchawana G. E. Coe

At Peterborough:

Bessie Butler H. J. Young W. Gillman
 Bob Hall J. A. Dorris G. Noyes
 Katchewana W. Copperthwaite R. Brotherstone

At Ottawa:

Agnes P. B. Ranger J. C. McDonald
 Loretta M. Egan O. Seguin

31 Canadian National Railways, Windsor, Ont. (Owner and Operator)

J. F. Pringle, General Superintendent

Huron (car ferry) not in commission
 C. F. Lansdowne (car ferry) A. Baillargeon William Belsom
 (See also Fleet No. 149)

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

Prescotont (tug) A. R. Henry A. Stillson
 Ogdensburg (car ferry) A. R. Henry A. Stillson



Captain

Chief Engineer

33 Canadian Pacific Railway Co., Montreal, Que. (Owner and Operator)

A. Gallagher, Superintendent, Great Lakes Steamships, Port McNicoll, Ont.

S.S. Alberta Reg. Jarman D. W. Ramsay
 S.S. Assiniboia F. S. Middleton W. S. Struthers
 S.S. Athabasca F. E. Logan Geo. S. Rac
 S.S. Keewatin Jos. Bishop Geo. D. Adam
 S.S. Manitoba J. R. Stewart W. F. Irvine

34 Cargo Carriers Inc., 2809 Field Bldg., Chicago (Owner and Operator)

W. D. Rees 396-45-28 5,400

35 Cement Transit Co., 1000 Midland Bldg., Cleveland (Owner and Operator)

Daniel McCool (m. v.) ... 144-33-15 W. J. Petroskey Ben Hanson

36 *Chatham Dredging & General Contracting Co., Chatham, Ont. (Owner and Operator)

Aurelia (tug)
 Loo Loo (derrick scow)
 St. Clair (dipper dredge)
 John R. Stover (tug)

37 Chicago, Duluth & Georgian Bay Transit Co., 2270 National Bank Bldg., Detroit (Owner and Operator)

Alabama (passenger) Morgan Edgcomb Thomas Fitzpatrick
 North American (passenger) V. Oscar Spuut C. T. Vermurlen
 South American (passenger) Richard A. Harreutt H. J. Wilson

38 **Chicago Fire Department, City Hall, Chicago** **Captain** **Chief Engineer**

(All are fireboats)

Fred A. Busse	William McMahon	George McClane
Joseph Medill	Joseph Wright	Charles Dorow
	Jerry Carter	Patrick Cullman
		Edw. Sheridan

39 **Chicago-Milwaukee Steamship Line, Navy Pier, Chicago (Owner)**

City of Grand Rapids (passenger)	Edward E. Taylor, Manager	
	O. C. Bjork	John Golden

40 **Chicago Roosevelt Steamship Co., 131 E. Wacker Drive, Chicago (Owner and Operator)**

J. E. Thiell, Vice President and General Manager

Theodore Roosevelt (passenger)

41 **Christiansen, H. & Sons, Duluth (Owner and Operator)**

Winyah	O. E. Christiansen, Port Captain	
	Ole Berg	Roy Oss

42 **Cleveland-Cliffs Iron Co., 1460 Union Commerce Bldg., Cleveland (Operator)**

Cleveland-Cliffs Steamship Co. (Owner)

A. E. R. Schneider, Manager Marine Department

C. O. Rydholm, Fleet Captain; James H. Durkin, Fleet Engineer

Cadillac	380-50-28	24	6,200	J. M. Campbell	Chas. Hanlon
Frontenac	580-60-32	24	11,700	W. T. Mooney	J. F. Gordon



Captain **Chief Engineer**

Grand Island	480-52-30	24	8,500	J. G. Olsen	Matt. Kuntz
Hennepin	504-54-30	12	9,200	F. P. Bamford	F. Sheppard
Ishpeming	530-56-31	12	10,000	D. J. Hyslop	M. Thomson
Joliet	504-54-30	24	9,200	H. Wendorf	A. J. Cameron
LaSalle	530-56-31	12	10,000	C. N. Bedell	P. J. O'Rourke
Marquette	420-52-28	24	7,000	Geo. Russell	Stan. Kouchnerkovich
Wm. G. Mather	592-62-32	24	12,200	C. A. Anderson	Wm. Furey
Michigan	530-56-31	12	10,000	M. J. Brown	Chas. Modjeski
Munising	380-50-28	24	6,300	R. H. Edgerton	Steve Kouchnerkovich
Negaunee	380-52-28	24	6,200	Jas. Doud	Wm. Cooper
Pioneer	504-54-31	12	9,200	R. E. Hayward	A. E. Telliard
Pontiac	580-60-32	12	11,700	H. A. Murphy	P. J. Stipek
J. H. Sheadle	513-60-31	12	10,300	A. J. Rathbun	S. R. Shipman

Fontana Steamship Co. (Owner)

Colonel	356-50-29	24	5,700	H. J. Tucker	Erwin Ahrens
Yosemite	356-50-28	24	5,700	F. A. Brytz	John Volanski

Presque Isle Transportation Co. (Owner)

Angeline	414-50-28	24	6,800	D. F. Jackson	Wm. Riordan
Presque Isle	406-50-28	24	6,500	F. J. Riedy	R. Douglas
Peter White	504-54-30	12	9,200	W. F. Amsbary	Joe Rose

Schneider Transportation Co. (Owner)

Cletus Schneider	360-50-28	24	5,900	J. McDermid	Joe Volanski
Pam Schneider	360-50-28	24	5,900	C. R. Gallagher	Carl Simmons

Dolores Steamship Co. (Owner)

W. M. Connelly	346-48-..	24	5,300	E. J. Scott	Al Ahrens
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	Captain	Chief Engineer
43	Cleveland Tankers, Inc., Standard Bldg., Cleveland	
	(Owner and Operator)	
Comet	F. H. Robbins	William Klaas
Crudoil	J. B. Oliver	Roy Taylor
General Markham	L. U. Picard	Calvin Radike
Mercury (m.v.)	R. Robbins	B. H. Carley
Cleveco (barge)	John Swanson	Gordon Faucher
44	Coal Carriers Corp. Ltd., 12 King St., East, Brockville, Ont.	
	(Owner and Operator)	
	W. B. Reynolds, Managing Director	
Coalfax	L. McCartney	Bernard Langan
	Brockville Steamship Corp. Ltd. (Owner)	
Bayfax	R. A. Wright	
	Colonial Steamships Ltd. (See Fleet No. 182)	
	Columbia Transportation Co. (See Fleet No. 154)	
45	Connelly Bros., 165 Ohio St., Buffalo (Owner)	
Connelly Bros. No. 1 (tug)	James N. Connelly	
46	Consolidated Dredging Ltd., 900 Victoria Bldg., Ottawa, Ont.	
	(Owner and Operator)	
	Appointments not made	
Thomas Fisher (tug)		
Minnie W. (tug)		
J. D. Morrison (tug)		
E. C. Whalen (tug)		
	Consolidated Steamship Co. (See Fleet No. 196)	

	Captain	Chief Engineer
47	Consolidated Water Power & Paper Co., Ashland Div., Port Arthur, Ont.	
	(Operator)	
	Consolidated Water Power & Paper Co., Wisconsin Rapids, Wis. (Owner)	
Butterfield (tug)	Thomas Mackie	Dave Fredericks
(See also Fleet No. 148)		
48	Constans-Duluth Marine Co., Duluth (Owner and Operator)	
	N. M. Constans, President	
Simon Clark (tug)	Emil Gustafson	
Constans (tug)		
Esther (tug)		
49	Construction Aggregates Co., 33 No. La Salle St., Chicago	
	(Owner and Operator)	
Robt. E. Johnston (tug)	William Dawes	Robert Purcell
Willard L. (tug)	C. Purduin	Ed Walsh
	Midwest Vessel Corp., Cleveland (Owner)	
Sandcraft	John Gusland	A. Wirth
Sandmaster (m. v.)	Alf. Jonassen	R. W. Miller
	Continental Steamship Co. (See Fleet No. 196)	
	Copper Steamship Co. (See Fleet No. 22)	
50	Cox, Charles W., Ltd., Port Arthur, Canada	
Bayfield (tug)	no appointments	
Onwego	no appointments	

	Captain	Chief Engineer
51 Crosby & Co., Inc., E. S., Marine Trust Bldg., Buffalo (Managing Agents)	St. Lawrence Steamships, Ltd. (Owner)	
Algonquins	Clarence Crompton.....	Roy Milligan
Cheyenne	Joseph K. Corson.....	Fred Sleep
Sioux	A. E. DeMill	Robert A. McEwen

52 Crystal Beach Transit Co. Inc., Foot of Commercial St., Buffalo
(Owner and Operator)
 George C. Hall, President
 Canadiana (passenger) William Malloy William Warner

53 Cullnan & Walsh, 1909 Newport Ave., Chicago (Owner and Operator)
 P. J. Cullnan, Port Captain
 Fred A. Britten (tug) P. J. Cullnan John Hendrixson
 Josephine (tug) P. W. Walsh Robert Cullnan

Dalhousie Navigation Co. (See Fleet No. 149)

54 Davidson, James E., Foot of Randolph St., Bay City, Mich. (Operator)
 Salzburg Transportation Co. (Owner)
 Grampian (schooner) not in commission

55 Davie Transportation Co., Ltd., Lauzon, Levis, Que.
 A C D (m.v.) L. Richard Mr. Simard
 G D D (m.v.) Ars. St. Pierre Edward Walsh
 G T D H. Houde Graham Burrill

	Captain	Chief Engineer
56 Detroit, City of, Fire Department, 3434 Russell St., Detroit	(Owner and Operator)	
	Edward C. Rumsey, Port Engineer	

John Kendall (fire tug)	Gilbert Townsend	Lloyd Bargy
	John McIntosh	Percy Chamberlin

57 Detroit & Cleveland Navigation Co., Wayne St., Detroit (Operator)
 James T. McMillan, President
 Detroit & Cleveland Navigation Co. (Owner)

(The following six are combination passenger and freight vessels)

City of Cleveland III	Donald MacRae	Albert Murphy
City of Detroit III	L. C. Mantel	Otto Kuck
Greater Buffalo	L. C. De Nike	Campbell McCormack
Greater Detroit	J. A. Hyatt	David Wilson
Eastern States .....	.....	W. H. Traxler
Western States	R. J. Kiessling	J. L. Nattress

Detroit & Cleveland Steamship Co. (Owner)

Wm. F. Fitch	Elon A. Cahours	J. H. Meno
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58 Detroit & Georgian Bay Navigation Co. Ltd.

Foot of Woodward Avenue, Detroit (Operator)
 Seaway Lines (Owner)

Georgian (passenger)	E. G. Lodge	T. Dennison
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59 Detroit-St. Clair Navigation Co., 1435 Franklin St., Detroit
(Owner and Operator)

City of Hancock	Victor Brown
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60

61

	Captain	Chief Engineer
60	Detroit Tug Line, 8145 Medina St., Detroit (Owner and Operator)	
	R. G. Candler, Manager	
B. E. West (tug)	B. E. West	Paul Gagne
61	Diamond Steamship Co. Ltd., The, 1322 Third Ave., E., Owen Sound, Ont. (Owner and Operator)	
	George Hindman, President	
George Hindman	Charles Randle Jr.	Wm. Lumley

Dolores Steamship Co. (See Fleet No. 42)

62	Dominion Transportation Co. Ltd., Owen Sound, Ont. (Owner and Operator)	
	G. D. Fleming, General Manager	
Caribou	R. W. Morrison	J. Glover
Manitou	not in operation	
(Operating joint sailings with Owen Sound Transportation Co. Ltd., See Fleet No. 157)		

63	Driftwood Lands & Timber Ltd., 510 Queen St., East, Sault Ste. Marie, Ont. (Owner and Operator)	
	W. H. Nasi, Secretary	
Delkote (barge)	George Henderson	Wm. Gilbert
Mitschibre (barge)	John McKay	George Webster
Sulphite (tug)	Charles Lynn	Wm. Lumley
		Wm. Dickson
Swederope (barge)	Percy Steep	Wm. Baker

	Captain	Chief Engineer
64	Duluth, Missabe & Iron Range Railway Co., Duluth (Owner and Operator)	
Edna G. (tug)	H. A. Johnson	Fabien Poulin
	J. Pinney	G. DaMour
	A. S. Branscombe	J. LeClair

Duluth Steamship Co. (See Fleet No. 196)

65	Duluth-Superior Dredging Co., Duluth (Owner and Operator)	
Gladiator (tug)	Einer Miller	Archie Scott
Warrior (tug)		

66	Dunbar & Sullivan Dredging Co., 2312 Buhl Bldg., Detroit (Owner and Operator)	
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R. H. Goode (tug)	no appointments made	
Wm. R. Panton (tug)		
Sachem (tug)		
Shaughraun (tug)		
Shaun Rhue (tug)		

The Eastern Steamship Co. (See Fleet No. 91)

67	Eastern Terminal Elevator Co. Ltd., Winnipeg, Manitoba	
Str. Eastrich	W. J. Ferguson	not appointed
Ecorse Transit Co. (See Fleet No. 150)		

68	Emery, W. L., Foot of Mt. Elliott Ave., Detroit (Owner and Operator)	
	W. C. Schippert, Manager	
John R. Emery	Delos Laffrey	Leon Bourlier

Captain

Chief Engineer

69 England Towing Co., Duluth (Owner and Operator)

F. E. Gregoire, Manager

Adele (barge)	M. L. Hotvedth	
A. W. Colton (tug)	N. F. Thompson	Jack Hanson
Chattanooga (tug)	F. E. Gregoire	Clasen Chaffe
Columbia (tug)	E. D. Moe	Sven Johnson
Faith (barge)	David Collette	

70 Erie Isles Ferry Co., Put-In-Bay, O. (Owner and Operator)

George F. Long, President and General Manager

Mystic Isle

no appointments

71 Erie & St. Lawrence Corp., 19 Rector St., New York (Owner and Operator)

Julius H. Barnes, President

Andrew M. Barnes (m.v.)	Peter Drawneek	Henry Mikkelsen
Richard J. Barnes (m.v.)	Harry E. Freeman	John O'Grady
Julius H. Barnes (m.v.)	E. E. Atkinson	C. Hansen
Alden B. Fiertz (m.v.)	Fred Waldman	John Bunger
Robert B. Fiertz (m.v.)	A. J. Prince	M. Mattson

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

J. S. St. John, General Manager and Superintendent

Erie	not in commission	
F. C. Osborn	Sherman Barnard	George Bacon
Jos. S. Scobell	David Flemming	H. Gerken

Captain

Chief Engineer

73 Federal Motorship Corp., 1602 Marine Trust Bldg., Buffalo (Owner and Operator)

Badger State (m.v.)	Edward D. Starkey	Wm. E. Pagel
Buckeye State (m.v.)	Wm. H. McQuivey	Stanley Dupree
Empire State (m.v.)	John Elizeus	Wm. Post

74 Fitz Simons & Connell Dredge & Dock Co., 10 So. La Salle St., Chicago (Owner and Operator)

John J. Roche, General Superintendent

F. H. Camphausen (diesel tug)	Archie B. Peterson	
Charles J. Connell (tug)	Olaf Hendriksen	John J. Lyons
Frances M. Connell (diesel tug)	Lester Bruiszer	
P. G. Connell, Jr. (diesel tug)	Edward J. Allie	
E. James Fucik (tug)	John F. Murphy	Alexander Gallagher
John T. Lillis (diesel tug)	Albert F. Nolan	Fred Knutsen
Nassau (sand boat)	Carl G. Larson	Jerome B. Warner
John J. Roche	Joseph Neumann	George Johnson

Fontana Steamship Co. (See Fleet No. 42)

75 Foote Transit Co. Ltd., 68 King St., East, Toronto, Ont. (Operator)

Capt. J. B. Foote (Owner)

F. V. Massey	Frank P. McCarthy	E. Carpenter
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Franklin Steamship Corp. (See Fleet No. 91)

64

65

Captain **Chief Engineer**

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

Capt. O. A. Johnson, Marine Superintendent	
Benson Ford (m.v.) 586-62-32 24 11,750	Andrew Pedersen E. Burkey
Henry Ford II (m.v.) 592-62-32 24 12,000	J. J. Pearce H. Culp
Barlow (tug)	D. D. Brown L. W. Crandall
Barfallton (tug)	E. Beattie
Buttercup (tug)	Sven Fagerstrom A. Stanton
Dearborn (tug)	H. V. Herrick S. Horvath
Humrick (tug)	G. D. Hodges L. E. Horton

No appointments shown for barges Lake Allen, Lake Crystal, Lake Forge, Lake Folcroft, Lake Freeland, Lake Frugality, Lake Frumet, Lake Hemlock, Lake Inaha, Lake Louise, Lake Pleasant, and Lake Sapor.

New York barge canal service

Chester

Edgewater

Green Island (m.v.)

Norfolk (m.v.)

77 Garriock, Wm., Port Arthur, Ont. (Owner and Operator)

Glen G. William Garriock Thos. Pollard

78 Gartland Steamship Co., 208 So. La Salle St., Chicago (Operator)

Gartland Steamship Co., Wilmington, Del. (Owner)

Back Bay James McCartin

Bennington Albert LaBlanc John Rosenberg

	Captain	Chief Engineer
Brockton	Andrew Andresen.....	Armour Wiegert
W. E. Fitzgerald	W. S. Macqueen	Ray Langer
Sullivan Bros.	Walter Anderson	Fred Harmon
Wm. H. Wolf	Elmer Weborg	John Thomas

79 Georgian Bay Tourist Co. of Midland Ltd., Midland, Ont. (Owner and Operator)

City of Dover	H. Martin	A. Moreau
Midland City (m.v.)	W. Martin	A. Lees
Waterbus	D. McGrattan	

80 Gillen, Edward E., Towing Co., 626 East Wisconsin Ave., Milwaukee (Owner and Operator)

Ernest E. Beauvais (tug)	John Lenz	
Edward E. Gillen (tug)	A. Jacobson	Henry Marth
S. C. Peters (tug)		

Globe Steamship Corp. (Sec Fleet No. 196)

81 Grand Trunk Milwaukee Car Ferry Co., 1825 S. Aills St., Milwaukee (Owner and Operator)

R. M. Bloecker, Supt. of Lake Michigan Car Ferries
(All are car ferries)

City of Grand Haven	no appointments
City of Grand Rapids	James G. Thorpe Joseph Shunteck
City of Milwaukee	Roland Martin..... Edward E. Luke
Madison	Ottmar Jahnke..... James MacKenzie

	Captain	Chief Engineer
82	Gravel Products Co., 99 Miami St., Buffalo (Owner and Operator)	
Niagara	Thos. N. Hefferman	Joseph Raines

83	Great Lakes Dredge & Dock Co., 122 S. Michigan Ave., Chicago (Owner and Operator)	
	Paul W. Dickinson, General Manager	

The following are tugs:

James H. Cassidy	R. Church	H. Dwyer
John F. Cushing	M. J. Bishop	M. Welch
E. C. Dempsey	N. Merrill	W. Whaley
P. W. Dickinson	William Mattick	F. LaForge
William P. Feeley	R. Bishop	P. Meyers
Andrew H. Green	J. Eskeland	C. Runyan
Martin G. Hausler, Jr.	William Angell	Michael Cross
Hudson	W. Ward	E. Johnson
Geo. H. Jackson	L. Pavia	H. Jacobson
William H. Kinch	T. Farrell	J. Dickson
William A. Lydon	A. V. Ellis	A. Smith
John A. McCormick	G. Horgen	F. Dumary
Harry McGinnis	A. Armstrong	
Dr. Walter G. McGuire	R. Hughes	J. Hilton
Marion	T. Thompson	W. Goode
Gen. E. M. Markham	R. Jeffrey	J. Casey
Martha C	R. Laurie	H. Hanger
Mary C	T. Stengel	O. Nordquist

68

	Captain	Chief Engineer
Oscar F. Mayer	W. Campbell	A. Stengel
L. P. Smith	G. Murphy	H. Sprague
Harry B. Williams	W. Jantze	J. Williams
John R. Williams	William Ulrich	J. LaCoy

The following are dredges:

Crest	L. E. Bouchard	C. P. Sheltman
Illinois	F. Crosson	J. Unsinn
Indiana	N. Paulin	F. Brewer
Junior	J. Canan	D. Sheehan
Majestic	J. Frea	F. Schuyler
Michigan	W. Green	Fred Dummer
Mogul	W. Parrish	J. Hoynosh
New Jersey	M. Roberts	S. Smith
New York	E. Ludvigson	G. Harvey
Ohio	F. A. Crosson	S. Miller
Scout		
Toledo	A. Montgomery	D. Montgomery
Turbo	A. Richard	C. Peterson
War Horse	O. Kutzner	M. Welsh
B-7	L. Cowan	J. Prout
M-9	A. Munson	J. Pellow
No. 54	J. Kirchmaier	S. Lund
No. 55	J. Hoehnan	H. Marquette
No. 56	V. Jones	H. Krieg

69

Captain **Chief Engineer**
Great Lakes Steamship Co. Inc., 1542 Rockefeller Bldg., Cleveland
(Owner and Operator)

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

John B. Cowle	525-58-31	12	10,400	E. E. Carleton	Hugh Gangwish
Denmark	440-56-28	12	8,300	Louis J. Potvin	Fred Antons
John Dunn Jr.	504-58-30	24	9,800	Howard Geel	H. Otis Smith
J. F. Durston	432-52-28	12	7,300	Edward Jacobs	Ernest Pothier
Finland	549-56-31	24	10,400	H. L. Stewart	Ernest Kurz
Chas. Hubbard	438-52-28	24	7,600	Bradley J. Shackett	Fred Showar
Geo. B. Leonard	380-50-28	24	6,300	Fred Tange	Wm. Stewart
A. E. Nettleton	525-55-31	12	9,800	Chas. W. Caughell	J. R. Goodrich
Norway	504-58-30	12	9,800	Chas. Gonyaw	John Brunner
Wm. Nottingham	380-50-28	24	6,300	Chas. A. Solfrank	Brian Sealey
B. Lyman Smith	380-50-28	24	6,300	Lothar Haugeland	E. J. McSweeney
Hurlbut W. Smith	414-50-28	24	6,800	R. J. Grekowicz	James J. Nolan
Lyman C. Smith	525-55-31	12	9,800	Geo. R. Manuel	James C. Browne
Monroe C. Smith	380-50-28	24	6,300	Daniel O'Boyle	Wm. E. Gallagher
Wilbert L. Smith	380-50-28	24	6,300	Melvin Edwards	Edward Schmidt
Sweden	414-50-28	24	6,800	Wm. Morton	W. A. Goerrs
Smith Thompson	438-52-28	24	7,400	Robert Goodwin	Walter Hanssen
Horace S. Wilkinson	580-60-32	12	11,500	F. B. Parsons	Ben Ray

Great Lakes Towing Co., 1800 Terminal Tower, Cleveland
(Owner and Operator)

The company deems it impractical to announce appointments for the reason they



Captain

Chief Engineer

are largely made by local managers at various ports and tugs are double and triple-crewed. The company's fleet includes:

Tugs Alabama, Alpena, America, Arizona, Arkansas, Ashtabula, California, Colorado, Conneaut, Connecticut, Delaware, Dunkirk, Favorite, Florida, Frank W., Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Racine, Rhode Island, Tennessee, Texas, Toledo, Utah, Vermont, Virginia, Washington, Wisconsin, Wyoming, Yale.

Lighters T. F. Newman, Pontoon, Reliance, Relief, Rescue, Resolute.

Great Lakes Steamship Corp., 3112 Book Tower, Detroit
(Owner and Operator)

Fueloil (barge)	.....	John Okland	.....	T. R. LeRoy
Mexoil	.....	Nelson Gonyaw	.....	Shirley Thompson
Panoil	.....	Pure Oil Steamship Co. (Owner)		
L. S. Wescoat	.....	C. V. Nissen	.....	John Mathews

Great Lakes Transit Corp., 223 Erie St., Buffalo, N. Y.
F. P. Brady, General Agent

W. W. Atterbury	.....	Alex McKenzie	.....	T. O'Connor
Edward Chambers	.....	Gust Ege	.....	C. M. Ryan
W. J. Conners	.....	W. S. Mac Donald	.....	J. Graham
P. E. Crowley	.....	J. McGillivray	.....	A. McArthur

J. M. Davis
 George D. Dixon
 Duluth
 J. E. Gorman
 C. T. Jaffray
 Fred W. Sargent
 H. A. Scandrett
 Alfred H. Smith
 Utica
 Daniel Willard

Captain Paul Ebisch
 Louis Guyette
 A. J. McPherson
 Arch McLean
 A. Gillies
 G. J. Thorpe
 J. Donahue
 G. J. Healy
 Wm. J. Bryan
 L. Farrelly

Chief Engineer Chas. Wesley
 G. Broad
 W. Cadwell
 Henry Hess
 William Shaw
 R. Haury
 J. Eckert
 A. Liston
 S. Neilson
 J. Roche

88 Gulf & Lake Navigation Co. Ltd., 417 St. Peter St., Montreal, Que.
(Owner and Operator)

R. A. Carter, General Manager

Birchton	C. A. Deschenes	F. V. Gould
Cedarton	W. L. Mahaney	R. James
Oakton	A. E. Brown	J. H. Robinson

89 Gulf Oil Corp., Marine Dept., 17 Battery Pl., New York
(Owner and Operator)

Willard F. Jones, General Manager

Paratex	J. F. Erbse	L. Spring
Regent	H. H. Solberg	L. P. Benjamin

Captain **Chief Engineer**

90 Hall Corp. of Canada, 637 Common St., Montreal, Que.
(Owner and Operator)

A. Hutchinson, Manager

Coniscliffe Hall	E. Groulx	J. Boutin
George L. Eaton	A. Barrett	G. B. Fleming
Meadcliffe Hall	R. Sinclair	P. Bolduc
Mont Louis	W. M. Bowen	A. Baribeau
John H. Price	T. L. Davis	W. Covey
Walter B. Reynolds	Geo. Dorais	J. L. Dunn
Lucius W. Robinson	J. Ivany	A. Bibeau
Rockcliffe Hall	L. Mongrain	W. H. Lamoureux

91 Hanna, M. A., Co., The, Agents, Leader Bldg., Cleveland (Operator)

Franklin Steamship Corp. (Owner)

Edward J. Berwind. 586-62-32	24 12,400	G. C. Hibbard.....	S. E. Atkinson
Emory L. Ford..... 580-60-32	12 12,200	W. J. Lane.....	F. J. Autterson
Fred G. Hartwell... 596-64-33	12 13,400	W. R. Maitland.....	A. M. Robertson

The Eastern Steamship Co. (Owner)

Joseph Wood	504-54-30	12 9,300	G. A. Sinkler	W. H. Scott
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The La Belle Steamship Co. (Owner)

La Belle	504-54-30	12 9,300	C. W. Young	A. C. Barnes
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National Steel Corp. (Owner)

Carle C. Conway... 532-56-31	12 10,200	S. Sorensen	J. Watt
George R. Fink..... 532-56-31	12 10,200	E. F. Rice	H. A. Clark
A. E. Heckin..... 525-58-31	12 10,500	R. F. Leng	A. Farquhar

L. W. Hill.....	525-58-31	12	10,500
Edmund W. Mudge.....	504-54-30	12	9,600
David M. Weir.....	532-56-31	12	10,200
Ernest T. Weir.....	580-60-32	12	11,800
J. C. Williams.....	525-55-31	12	9,800

The Virginia Steamship Co. (Owner)

W. D. Crawford.....	504-54-31	24	9,500
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Captain		Chief Engineer	
N. F. Peltier.....		R. M. Akerley	
C. T. Gallagher.....		C. F. Hoffman	
R. R. Redecker.....		W. R. Johnson	
A. H. Hartman.....		J. D. Summerville	
R. H. Brown.....		E. W. Scott	
L. A. Foster.....		Edw. Pelly	

92 Pelee *Harris, Ralph, Pelee Island, Ont. J. N. Sheats

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

Michigan (lighter).....	Roy McGregor
Northern (tug).....	Rod. Graham

94 Hoskins Coal & Dock Corp., 10 So. LaSalle St., Chicago, Ill. (Owner and Operator)
J. C. Hoskins, President

Commerce.....	
Industry.....	

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

(These steamers are operated only on inland lakes, Muskoka district)

Algonquin.....	Robt. J. Parsons.....	John T. Smith
Bigwig.....	W. H. Elder.....	Archy Ennest
Iroquois.....	A. E. Pink.....	W. G. Murray

Captain Chief Engineer

96 Huron Transportation Co., 1325 Ford Bldg., Detroit (Owner and Operator)

H. R. Schemm, Port Captain

John W. Boardman.....	334-55-28	5,600	Thompson Campbell.....	Edward Walker
S. T. Crapo.....	384-60-29	7,200	Donald McLachlan.....	Walter Kammer
Samuel Mitchell.....	293-40-25	2,700		not in commission

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

Inland Steel Co. (Owner); Anton Rud, Fleet Engineer; John Rutledge, Fleet Captain					
Joseph Block.....	549-56-31	12	10,300	Alfred Hoel.....	A. A. Wolf
L. E. Block.....	596-64-33	24	13,400	H. H. Kizer.....	Alan Seelye
Philip D. Block.....	580-60-32	24	11,800	F. A. Tomlin.....	Alex Donald
N. F. Leopold.....	532-56-31	12	10,100	Geo. Fisher.....	Justin Kronberg

Pioneer Steamship Co. (Owner)

Amazon.....	376-46-26	24	5,600	Martin Olson.....	L. W. Schroeder
J. S. Ashley.....	504-54-30			T. A. Johnson.....	Howard Benham
A. A. Augustus.....	504-54-30	12	9,500	J. M. Johnson.....	Albert Holl
Frank Billings.....	444-56-30	12	8,400	H. P. Murphy.....	John Paytosh
W. D. Calverley Jr.....	380-50-28	12	6,300	Ambrose Knudson.....	Carl McGeehan
S. B. Coolidge.....	376-48-26	24	5,600	Richard Van Epp.....	Willard Pallas
James E. Ferris.....	444-56-30	12	8,400	M. J. Johnson.....	Donald Swartz
Donald B. Gillies.....	525-55-31	12	10,100	A. J. Munroe.....	John Linden
C. L. Hutchinson.....	580-58-32	12	11,250	James H. Smith.....	Geo. Schroder
W. H. McGean.....	480-56-30	12	9,500	H. A. Johnson.....	R. D. Burt
Price McKinney.....	432-54-28	24	7,300	W. D. Weborg.....	Andrew Tenwick
John S. Manuel.....	444-56-30	12	8,400	E. P. Maxim.....	E. J. Fournier

		Captain	Chief Engineer
Martin Mullen.....	416-50-28	12 6,800	Wm. Schlegel Paul Barth
Wm. A. Paine.....	480-52-30	12 8,500	L. W. Smith Peter B. Johnson
John Stanton.....	504-54-30	12 9,500	H. W. Frilay..... Clarence Shunneson
J. J. Sullivan.....	532-56-31	12 10,300	John A. Logan..... W. L. Smith
David P. Thompson	554-58-32	12 11,000	Sevren O. Nelssen..... Alex Kronberg
G. A. Tomlinson.....	504-54-30	12 9,500	H. J. Scheible..... H. T. Landers
James P. Walsh.....	480-52-30	12 8,400	Claire Duclon..... Kenneth Peterman

**98 Illinois Ship & Dredge Co., 222 West Adams St., Chicago
(Owner and Operator)**

Brazil (hyd. sand boat)

India Navigation Co. (See Fleet No. 22)

99 Inland Lines Ltd., 635 Common St., Montreal, Que. (Owner and Operator)

Damia	K. LaRush	Frank Collier
Saracen	A. C. Clarry	J. E. Drake

Inland Steel Co. (See Fleet No. 97)

The Interlake Steamship Co. (See Fleet No. 162)

**100 International Harvester Co., 180 N. Michigan Ave., Chicago
(Owner and Operator)**

H. F. Hughes, Assistant Manager

The Harvester.	525-58-31	12 10,500	J. R. Boswell	J. L. Young
The International ..	586-60-32	12 11,800	J. B. Routhier	E. T. Everill

		Captain	Chief Engineer
101 International Transit Co., The, 527 Queen St., East, Sault Ste. Marie, Ont. (Owner and Operator)			
	P. Martin, Port Captain		

Agoming (m.s.)	J. B. Rintoul	Grant M. Harrison
	Gordon Harrison	

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

R. A. Campbell, Manager

International

Inter Ocean Steamship Co. (See Fleet No. 196)

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

R. W. England, Marine Manager; A. J. Reiner, Lake Traffic Manager

B. F. Jones	530-56-16	24 10,100	H. R. Fairfield	C. H. Cosnett
Willis L. King	580-58-32	12 11,400	F. N. Watts	George Grunthaner
James Laughlin	530-56-16	24 10,100	A. L. Olsson	James Pearson
Thomas Walters.....	580-58-32	12 11,400	M. G. Allen	C. L. Irish

Island Transportation Co. (See Fleet No. 106)

**104 Janin, A., & Co. Ltd., 1460 W. Sherbrooke St., Montreal, Que.
(Owner and Operator)**

Claire Janin (tug)

	Captain	Chief Engineer
105 Jupiter Steamship Co., 317 Rockefeller Bldg., Cleveland (Owner and Operator)		
	W. C. Secord, Manager	
Jupiter	346-48-28 10 5,000	T. B. Greenway.....H. B. Muhltner
106 Keightley, (Miss) E. M., and Joseph Fitzpatrick, St. Ignace, Mich. (Operator)		
	Island Transportation Co. (Owner)	
Algomah II		William Schepler .....James Sherry
107 Kelley Island Lime & Transport Co., Sandusky, O. (Owner and Operator)		
Hydro		Irving Ohlemacher.....Oscar Noak
Kelley Island		J. C. Ingwersen.....S. A. Furst
John M. McKerchey		Robert Donaldsen.....E. L. Hurlburt
108 Keystone Transports Ltd., 406 Power Bldg., Montreal, Que. (Owner and Operator)		
	Capt. L. Beaupre, Marine Superintendent	
Keybar		W. V. Smith.....Robt. Garrlock
Keybell		W. A. Davis.....James Boak
Keydon		E. F. Anderson.....Geo. W. Clark
Keyholt		J. E. MacLeod.....C. J. Charlesworth
Keymont		W. J. H. Brown.....Maurice Bechervaise
Keyport		E. M. Walsh.....Lars Nordnes
Keystate		E. J. Smith.....David Annand
Keyvive		Geo. Brown.....Geo. Baker
Keywest		E. Davidson.....A. H. Horton
Surewater		W. N. Williams.....S. Heather
Trenora		P. V. Mahoney.....R. J. Ascah

	Captain	Chief Engineer
Kinsman Transit Co. (See Fleet No. 193)		

109 Kishman Fish Co., Vermillion, O. (Owner and Operator)		
H. B. Kishman (tug)		Otto Full
Lester K. (tug)		Shirley Lumley
Neptune (tug)		Wm. Eberle
110 Kolbe Fisheries Co., Erie, Pa. (Owner and Operator)		
	M. A. Tucker, Manager (All are tugs)	
Acipson		Karl Fratus
Charles L.		D. J. Regan.....A. Michels
Wm. H. Jackway		Merle Jackway
Martha B.		M. MacIver
Marvet H.		Charles Hoskins
Merle J.		Carl Dagget
Sea Bird		T. J. Welsh.....T. Lannigan
Tommy T.		M. Heidt

The La Belle Steamship Co. (See Fleet No. 91).

111 La Cie de Traverse Valleyfield-Coteau Dulac Ltd., Valleyfield, Que. (Owner and Operator)		
Beauharnois		Ernest Lefevre.....Georges Houde
Lake Chelan Steamship Corp. (See Fleet No. 17)		

Captain

Chief Engineer

Lake Erie Coal Co. Ltd. (See Fleet No. 112)

112 Lake Erie Navigation Co. Ltd., Walkerville, Ont. (Operator)	
Lake Erie Coal Co. Ltd., Walkerville, Ont. (Owner)	
L. H. Kent, Chief Marine Engineer, Ludington, Mich.	
Alexander Leslie	R. Alexander David Brown
113 Lakehead Transportation Co. Ltd., 132 N. May St., Fort William, Ont.	
Alfred J. (barge)	A. Ganes Gus Arvelin
Ann L. (tug)	H. Keenan M. Heis
Blanch H. (barge)	A. Lavigne R. Shaw
Ethel J. (barge)	Ed. Watson S. Haskill
Florence J. (barge)	C. J. Lavigne H. Twigger
Gotham (tug)	E. Kirton James McGill
E. E. Johnson	D. Smith H. Charlton
Oscar Lehtinen (tug)	E. Bursey S. Crawford
Marguerite W. (tug)	Geo. Matheson F. MacAulay
Merle H. (barge)	James Agnew A. Sparling
Lawrence H. Shaw (tug)	Chas. Whiteside Geo. Hill
(nee Prudence)	

114 Lake Sand Corp., 228 North LaSalle St., Chicago (Owner and Operator)	
Gilbert	E. Farley W. Walder
115 Lake Tankers Corp., 20 Exchange Place, New York (Owner and Operator)	
Justine C. Allen (m.v.)	E. A. Uhler Nelson Apelskog
Martha E. Allen (m.v.)	F. W. Dixon P. J. Gallagher

Captain

Chief Engineer

116 Lakes & St. Lawrence Navigation Co. Ltd., Cardinal, Ont. (Owner and Operator)	
R. S. Browning, Marine Superintendent	
Casco	W. J. Mills S. E. Moore
117 LaWay, Capt. E. J., Cheboygan, Mich. (Owner and Operator)	
M. H. Stuart	E. J. LaWay
118 Levis Ferry Co. Ltd., Champlain Market, Quebec (Owner and Operator)	
J. L. Roberge, Manager	
Bienville	Armand Dumont W. Aubin
Colbert	Alphonse Forgues A. Mercier
	C. Martel A. Begin
Louis Jolliet	U. Lemieux W. Desrochers
	Eugene Fortin J. Bernier
Steamers Cite de Levis and Cite de Quebec used in winter navigation only	
119 Lindsay, E. S. and James, 612 Clairmont St., Port Huron, Mich. (Operator)	
Peerless Marine Transit Co. (Owner)	
Chippewa (barge)	
Peerless (barge)	
120 Lloyd Tankers Ltd., 80 King St., West, Toronto, Can. (Owner and Operator)	
Bruce Hudson	R. Hindman J. Brodeur
Joan Virginia	S. Ahern D. Arbour

	Captain	Chief Engineer
121	The Lorain Coal & Dock Co., Terminal Tower, Cleveland (Owner and Operator) H. L. Gates, Manager	
Lorain (fuel lighter)	M. E. Jones	N. Smith C. C. Tillack

122	Luedtke Engineering Co., Frankfort, Mich. (Owner and Operator)	
Karl E. Luedtke (tug)	Howard Smith	Stanley Lancewicz
Erich R. Luedtke (tug)	George Geniesse	Lee Hollenbeck

123	Lyons Construction Co., Whitehall, Mich. Ira J. Lyons (Owner)	
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C. J. Boss (diesel tug)	
Fred C. Greiling (tug)	Ira J. Lyons
Progress (elec. dredge)	
Miss Mudhen (diesel dredge)	

124	Mackinac Transportation Co., St. Ignace, Mich. (Operator)	
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	Mackinac Transportation Co., Detroit (Owner) C. H. Brown, Port Captain	
Chief Wawatan (carferry)	C. H. Brown	Harry Cheeseman
Sainte Marie (carferry)	Alexander Tromblay	Peter R. Jonas

Mahoning Steamship Co. (See Fleet No. 15)

	Captain	Chief Engineer
125	Marine Industries Ltd., Sorel, Que. (Owner and Operator)	
Earl Bess (tug)	J. Boily	F. Denis
General Brock (dredge)	J. Clouston	T. Carrie
Bruxelles XXXX (dredge)	A. Boucher	J. Demers
Cahotte (tug)	S. Beaudet	P. Blette
Churchill No. 1 (dredge)	R. Wilmoth	M. Fiset
Deschallons	A. Lemay	A. Lesperance
Deschenaux (tug)	W. Picard	A. Poulin
Dramis (tug)	D. Beaudet	O. Mandeville
Franklin C. (tug)	A. Bonin	P. Lanciault
H.C.M. No. 5 (dredge)	D. Bergeron	A. Barthe
Hullman (tug)	W. Lavallee	J. Laforest
John Kennedy (dredge)	R. Wilmoth	R. Millette
Manseau No. 101 (dredge)	E. Gallant	J. Cotoir
Manseau No. 103	Z. Guerard	M. Fiset
Manseau No. 105	P. Paul	
Manseau No. 107 (dredge)	J. Ed. Paul	R. Bergeron
George M. McKee (tug)	R. Dusablon	A. Courchesne
General Montcalm (dredge)	H. Presley	A. Larsen
Capt. T. W. Morrison (tug)	E. Duchene	R. Robin
New Welland (dredge)	A. Simoneau	G. Begin
Serieux (tug)	A. Audet	E. Descheneaux
Ostrea II (tug)	H. Bouchard	J. L. Falardeau
David Seath (tug)	A. Lemay	W. Braconnier
Capt. Simard (tug)	J. Mongeau	A. Demers
Robert G. Weddell (tug)	Horace Cote	H. Drolet

	Captain	Chief Engineer
General Wolfe (dredge)	E. Gagnon	S. Kennaird
		H. O'Neil
	Branch Lines, Ltd. (Owner)	
Cedarbranch	A. Lamothe	M. Pelletier
Maplebranch (tanker)	W. Carre	J. Cournoyer
Oakbranch (tanker)	D. Charland	C. Mondor
Pinebranch	L. Chapdelaine	J. B. Demers
Willowbranch (tanker)	L. Blais	H. Lemieux

**126 Marine Iron & Shipbuilding Co., Foot of Eleventh Ave., West, Duluth
(Owner and Operator)**

	John Geistman, Manager	
Toby Cahill (tug)	Norman Skafte	
Islay (tug)	William McLean	A. E. Johnson
Swan Larson (tug)	David Berg	

**127 Marine Transit Co., 131 East Wacker Drive, Chicago
(Owner and Operator)**

American	Louis Thorsen	Frank Buchler
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128 Matheson, Capt. John S., Southampton, Ont. (Owner and Operator)

Douglas M. (tug)	Donald Matheson	George Eby
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129 Matton, John E., & Son, Inc., Waterford, N. Y. (Owner and Operator)

	(All are tugs) Earl Clark, Engineer	
John A. Becker	John Maloney	Robert Folger

	Captain	Chief Engineer
Matton 10	Napoleon Miner	Irving Anderson
Matton 20	James Clinton	Frederick Kopsner
Matton 21	Eugene L. Roberts	Joseph LaVallee
Ralph E. Matton	Henry Roberts	William Pengelley
H. A. Meldrum	Urban Fontaine	Theodore Kelly
P. C. Ronan	George Godfrey	Thomas Bell

130 McColl-Frontenac Oil Co., Ltd., Yardley House, Toronto (Operator)

	S. S. Cyclo Chief Ltd., Montreal (Owner)	
Cyclo-Chief	A. H. Foote	C. G. Myatt
	S. S. Cyclo Warrior Ltd., Montreal (Owner)	
Cyclo-Warrior	I. L. Mateer	C. G. Carr
	S. S. Cyclo Brave Ltd., Montreal (Owner)	
Cyclo-Brave	E. L. Pyette	J. M. Kettles

**131 McFadden Lumber Co., J. J., Ltd., Blind River, Ont.
(Owner and Operator)**

Waubashune	Wm. Decota	Dougall McLeod
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**132 McLean & Son, A. B., Brock St. dock, Sault Ste. Marie, Ont.
(Owner and Operator)**

	Capt. R. A. and John McLean, Managers	
James J. Baxter Jr. (tug)	William Bennett	William Biron
Miseford (tug)		E. Archibald
Nadine (barge)	Charles Johnson	
Spragge (tug)	no appointments	
Derrick Scow No. 3		A. Biron
Derrick Scow No. 4		Felix Cullen

	Captain	Chief Engineer
Dredge L. S. No. 3	Alby Primeau	
Drill Boat No. 5	Allen McKay	
133 McQueen, Capt. J. E., Amherstburg, Ont. (Owner and Operator)		
W. L. Forrest (tug)	B. Hogue	H. Atkinson
J. E. McQueen (tug)	J. Penner	
H. Stokes (tug)	A. MacDonald	B. Crowder
Nashwaak (tug)	C. Hackett	J. Goodchild
Amherst (barge)	O. Hamilton	
Handy Boy (lighter)	D. Foucher	
134 Meagher, W. J., & Sons, Bay City, Mich. (Owner and Operator)		
Tipperary (tug)	Wm. McNeil	Jos. A. Meagher
Shamrock (dredge)		
Falcon (barge)		
Marquis Roen (barge)		
Pego K (tender)		
Freedom (scow)		
135 Merritt-Chapman & Scott Corp., 515 Marion Bldg., Cleveland (Owner and Operator)		
Clyde (derrick scow)		
No. 4 (derrick scow)		
William A. Whitney (tug)	James Hoben	J. Moorhouse
136 Michigan Atlantic Corp., 60 E. Forty-second St., New York (Owner and Operator)		
Michigan (m.v.)	Oscar Gronwall	T. Johnson

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	Captain	Chief Engineer
137 Michigan Limestone & Chemical Co., Rogers City, Mich. (Owner and Operator)		
Central (tug)	Frank Horgan	A. P. Boehmer
Kellers (tug)	Arthur Cook	Frank Weisnewski
Rogers City (tug)	E. G. Newhouse	Frank Flewelling
	Russell Lamb	Frank Lamp
138 Michigan State Ferries, St. Ignace, Mich. (Operator)		
Michigan State Highway Dept., Lansing, Mich. (Owner)		
G. Donald Kennedy, Commissioner; L. B. Reid, Deputy Commissioner;		
Capt. Geo. F. Loughin, Superintendent; Fletcher C. Davis, Asst. Supt.		
City of Cheboygan	Louis Strahan	Simon Lowery
City of Munising	Benjamin Houle	William Ney
City of Petoskey	Andrew Coleman	Leo Fogelsonger
The Straits of Mackinac	James Blain	George Campbell
139 Midland Steamship Line, 2101 Terminal Tower, Cleveland (Owner and Operator)		
Baird Tewksbury, President; Capt. J. J. Freitus, Manager		
Hazen Butler	George Cole	C. J. Dickey
Michael Gallagher	D. M. Post	A. M. Houston
C. O. Jenkins	E. W. May	John W. Long
J. H. Macoubrey	Harry H. Miller	Joseph F. Talder
W. G. Pollock	Wm. Langell	Thomas J. Reilly
Edw. N. Saunders Jr.	E. H. Bennett	Geo. W. Kroening
Carmi A. Thompson	Richard J. Neville	Thos. E. Sheridan
Midwest Vessel Corp. (See Fleets No. 49 and 154)		

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	Captain	Chief Engineer
140	Milwaukee, City of, Fire Department, Milwaukee	
	Peter Steinkellner, Chief of Fire Department (All vessels are fireboats)	
M. F. D. No. 15	Max Etzel	George Driscoll
M. F. D. No. 29	Olaf C. Gabrielson	George Schmidt
Torrent	Olaf C. Gabrielson	George Schmidt

141 **Mohawk Navigation Co. Ltd., 635 Common St., Montreal, Que.**
(Owner and Operator)

	R. A. Campbell, Managing Director	
Alfred Krupp (barge) . . . 352-44-26	5,700	Sam Brunet
Capt. C. D. Secord . . . 346-48-24	9,000	J. A. Felker J. M. Gillies
Sir Thomas Shaughnessy .480-52-30	9,000	Angus MacKay William Keith

142 **Montreal Harbour, National Harbours Board, Montreal, Que.**
(Owner and Operator)

	Capt. J. P. Dufour, Harbour Master	
Sir Hugh Allan (tug)	E. Lavolette	J. C. Jacques
Robert Mackay (tug)	M. Cournoyer	A. Vezina
John Young (tug)	Z. Perreault	R. Cossette
N.H.B. Floating Crane No. 1	E. Bourbonnais	S. Bibeau
N.H.B. Derrick No. 3		L. Chevrier
N.H.B. Derrick No. 5		D. Chevrier
N.H.B. Derrick No. 6	not in operation	

The Morrow Steamship Co. (See Fleet No. 154)

	Captain	Chief Engineer
143	Morton Salt Co., 310 So. Michigan Ave., Chicago (Owner and Operator)	
	Robert K. Warren, Manager	
Covall 253-44-25	F. O. Johnson	H. W. Schmock

144 **National Motorship Corp., 17 Battery Place, New York (Owner and Operator)**
Cleveland (diesel electric) no appointments made
Detroit (diesel electric)

145 **National Sand & Material Co. Ltd., 402 Harbor Bldg., Toronto, Ont.**
(Owner and Operator)

Baxter Dick	R. Munroe	John W. Gunn
Charles Dick	J. D. Reid	Corey Harvey

National Steel Corp. (See Fleet No. 91)

146 **Neff Transportation Co., 1833 Grasmere Ave., Cleveland**
Nashville (diesel tug) no appointments

147 **Neuman Boat Line, Sandusky, Ohio (Owner and Operator)**
Mascot (m.v.) Harold Neuman Jake Frederick
Messenger (m.v.) Carl Wobser Maurice Waldorf

148 **Newaygo Timber Co. Ltd., Port Arthur, Ont. (Owner)**
(Subsidiary of Consolidated Water Power & Paper Co.)
Rocket Arthur H. Harpell Carl Ringham
(See also Fleet No. 47)

	Captain	Chief Engineer
149	Niagara, St. Catharines & Toronto Railway Co., St. Catharines, Ont.	
	(Operator)	
	Canadian National Railways (Owner)	
	J. R. Empringham, Superintendent	
Northumberland	George Wilson	William Stewart
	Dalhousie Navigation Co. C.N.R. (Owner)	
Dalhousie City	George C. Childs	Clayton C. Dunnett
(See also Fleet No. 31)		

150	Nicholson, William, P. O. Box 66, River Rouge (Operator)	
	Nicholson Transit Co. (Owner)	
	Herbert H. Parsons, Marine Supt.	
Chas. Donnelly	W. J. Edgar	Roy Walker
Fellowraft	Wm. Rinn	S. Katcher
Fleetwood	W. R. Neal	E. Basney
F. E. Harvey	no appointments	
Ironwood	J. Stockwell	
Adrian Iselin	Thos. Legault	J. Rumble
E. C. Pope	Henry Walton	S. Daucher
Steel King	H. Booth	C. Rexford
Swederope (barge)	Wm. Caulkett	
Tampico	Ed. Tobin	B. Swanson
James Watt	C. A. Ticknor	C. Nicholson
	Ecorse Transit Co. (Owner)	
H. Dahlke	Leslie Gundry	G. Edmunds
Oakwood	M. Brewer	no appointment

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	Captain	Chief Engineer
	Tri-Lakes Steamship Co. (Owner)	
Rockwood	E. H. Cullen	Frank Burkman
	Nicholson Transit Co. (See Fleet No. 150)	

151	Nicholson Universal Steamship Co., 1440 E. Atwater St., Detroit	
	(Owner and Operator)	
	F. L. Hewitt, President; O. W. Benham, Vice President, Operations	
Coralia	419-48-28 4349	E. A. Massman
Adam E. Cornelius Jr.	426-48-28 4471	J. W. Galton
Crescent City	414-48-28 4109	H. B. McCool
Fred L. Hewitt	468-52-30 5539	J. McKinnon
(nee Graham C. Woodruff)		T. Quigley
Penobscot	455-45-26 3943	G. W. Emig
Sonoma	424-50-28 4471	C. Tobin
Sonora	354-48-28 3611	G. Lloyd
South Park	369-45-26 2646	Wm. Lorenzen
Sultana	354-48-28 3613	W. J. Fehley
		H. Shaw

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152	North American Transports, Ltd., 635 Common St., Montreal, Que.	
	R. A. Campbell, Managing Director	
Redcloud (m.v.)	3,000	J. J. Lawrence
Redfern (m.v.)	3,000	A. J. Irvine
Redriver (m.v.)	3,000	Walter Kirk
Redwood (m.v.)	3,000	J. J. Mailhot
		H. L. Graham
		W. Reiss
		A. Carrier
		F. Oakley

Captain

Chief Engineer

152-A

Northern Paper Mills Ltd., Coppell, Ont.

Norco A. K. McNaughton, Secretary Alex R. Cleave Howard Hazlett

153

Northwest Steamships Ltd., 59 King St., East, Toronto, Ont.

A. A. Hudson Dalton Hudson E. N. Ramsay
Superior S. C. Bell A. E. Hurst

154

Oglebay, Norton & Co., 1208 Hanna Bldg., Cleveland (Operator)

Columbia Transportation Co. (Owner)

M. J. Bartelme	412-48-28	24	6,000	H. Ellsmere	E. B. Ax
Thomas Britt	413-52-28	24	6,800	D. A. Aston	A. W. Muhltner
Harry T. Ewig	346-48-28		5,000	M. R. Bready	W. R. Freeman
Joseph H. Frantz	592-62-32	24	12,000	H. F. Wiersch	H. B. Moore
Charles W. Galloway	504-54-30	24	9,000	R. J. Reid	H. P. Roberts
Howard M. Hanna					
Jr.	504-54-30	24	9,000	F. Blacklock	C. Williamson
W. W. Holloway	532-56-31	12	10,300	J. S. Moran	J. E. Eustice
O. S. McFarland	360-50-28		5,800	J. C. Grefor	G. R. McCullough
E. G. Mathlott	346-48-28	24	4,400	J. Olson	O. Peterson
J. Clare Miller	525-55-31	12	9,700	J. F. Richardson	M. Bertelsen
R. E. Moody	354-48-28	24	4,200	W. C. Ruddle	W. E. Wood
David Z. Norton	480-52-30	24	8,200	W. Borresen	W. J. Leimbach
G. G. Post	346-48-28		5,000	C. V. Cox	R. C. Meldrum
W. C. Richardson	420-52-28	24	7,300	B. Lambert	A. E. Bates
Wm. F. Stifel	420-52-28	24	7,300	H. J. Miller	C. W. Leitch

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Captain

Chief Engineer

Frank E. Vigor
(nee W. B. Pilkey) 412-48-28 6,000 D. Huser C. Swartz
S. B. Way 532-58-31 12 10,500 P. P. Lennon C. W. Gustin
The Morrow Steamship Co. (Owner)
Robert J. Paisley 410-48-28 24 6,600 D. M. Crooker E. E. Jacques
The J. A. Paisley Steamship Co. (Owner)
Ben E. Tate 356-50-28 24 5,600 F. L. Meno J. Arbter
The Saginaw Dock & Terminal Co. (Owner)
Carrollton 241-43-22 2,500 J. M. Conlon A. H. Thompson
The Midwest Vessel Corp. (Owner)
J. R. Sensibar 530-56-31 12 9,500 N. C. Larsen A. O. Berg

155

Ontario Car Ferry Co. Ltd., 384 St. James St., Montreal, Que.

J. A. Sauve, Manager
Ontario No. 1 (car ferry) W. Bryson J. W. Crate
Ontario No. 2 (car ferry) S. H. McCaig C. Morrison

156 Ottawa, Department of Public Works, Ottawa, Ont. (Owner and Operator)

Hercules (tug) Norman Jackson William H. Baker
P.W.D. No. 117 (dredge) John Howell

157 Owen Sound Transportation Co. Ltd., 1101 First Ave., West, Owen Sound, Ont.

Manitoulin R. Morrison William Owens
Normac (m.v.) O. S. Long W. Monkhouse

(Operating joint sailings with Dominion Transportation Co. Ltd., See Fleet No. 62)

The J. A. Paisley Steamship Co. (See Fleet No. 154)

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Captain

Chief Engineer

158 Paterson Steamships Ltd., Fort William, Ont. (Owner and Operator)
 Port Captains: J. D. Montgomery, Montreal; R. J. Wilson, Windsor, Ont.

Bricoldoc	H. Odesse	W. T. Smith
Canadoc	J. N. Foote	S. Barr
Fort Willdoc	R. E. Chapman	P. W. Pratt
Lavaldoc	A. Sabine	A. H. Chalmers
Mantadoc	E. W. Baker	T. J. Dryburgh
Ontadoc	H. B. Hunt	L. Buttler
Prindoc	A. H. Simpell	H. Cross
Quedoc	R. J. Wilson	J. Robinson
Saskadoc	R. A. Cameron	J. Kennedy
Soodoc	W. J. Kirkwood	W. E. Lalonde
Vandoc	T. Jewitt	J. Nicoll
Windoc	K. C. Clark	S. Pitfield

Peerless Marine Transit Co. (See Fleet No. 119)

159 Pennsylvania-Ontario Transportation Co., 327 Rockefeller Bldg., Cleveland (Owner and Operator)
 J. L. Tinny, Manager

Ashtabula (car ferry)	C. F. Meyers	A. B. Dues
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160 Pere Marquette Railway Co., General Motors Bldg., Detroit (Owner and Operator)
 L. H. Kent, Superintendent of Steamships
 (All vessels are car ferries)

Pere Marquette 12	Thomas A. Brown	Charles Millett
Pere Marquette 14	Eric Eklund	Richard McGuire

	Captain	Chief Engineer
Pere Marquette 18	Bernard Rotta	Anton Nielsen
Pere Marquette 21	A. Altschwager	George Liebetreu
Pere Marquette 22	Alfred J. Londry	Thomas Loy
City of Saginaw 31	C. S. Cronberg	Henry Akesson
City of Flint 32	J. F. Johnson	James DuVall
City of Midland 41	C. E. Robertson	Richard Langrill

161 Petosky Transportation Co., Petosky, Mich. (Owner and Operator)
 H. H. Lucas, Vice President

J. B. John	F. P. Russell	Ervin Wendorff
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Pioneer Steamship Co. (See Fleet No. 97)

162 Pickands, Mather & Co., Union Commerce Bldg., Cleveland (Operator)
 The Interlake Steamship Co. (Owner)

	Thomas F. Zealand, Marine Supt.;	Charles E. Collins, Fleet Engineer
Adriatic	420-52-28 12 7,200	George A. O'Boyle
Arcturus	514-54-31 24 9,550	Erling G. Jackson
Fayette Brown	504-54-30 12 9,350	Robt. A. Endelman
Harvey H. Brown	532-58-32 12 10,350	Frank Van Dusen
Calumet	420-52-29 12 7,200	Nels Van Larsen
J. A. Campbell	525-58-31 12 10,550	C. Earle Downs
Canopus	462-50-28 24 7,800	Dan S. Erickson
Cetus	416-50-28 24 6,900	Irving L. Hallberg
E. A. S. Clarke	432-56-30 12 10,200	Roy F. Wuest
Corvus	416-50-28 24 6,900	Bert Brightstone

94

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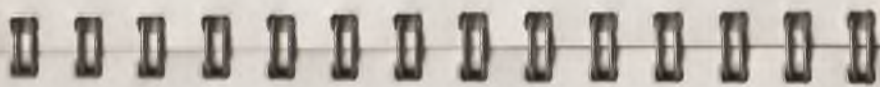
Harry Coulbey	607-65-33	24	13,700
Crete	480-52-30	12	8,450
Harry W. Croft	504-58-30	24	9,900
Cygnus	416-50-28	24	6,900
Henry G. Dalton	580-60-32	12	11,900
Elba	420-52-28	12	7,200
Hemlock	420-52-28	12	7,200
Robert Hobson	580-60-32	24	11,900
Elton Hoyt II	530-56-32	12	10,000
Harry R. Jones	448-52-28	12	7,800
C. H. McCullough Jr.	512-56-31	12	10,200
William McLaughlan	580-60-32	24	11,900
Samuel Mather	580-60-32	24	11,900
D. O. Mills	532-58-32	12	10,350
Jay C. Morse	532-58-31	12	10,350
Odanah	420-52-28	12	
Pathfinder	530-60-32	12	10,550
Pegasus	416-50-28	24	6,900
Perseus	462-50-28	24	7,800
Col. Jas. Pickands	580-60-32	24	11,900
James H. Reed	448-52-28	12	7,800
C. S. Robinson	525-55-31	12	9,850
Saturn	416-50-28	12	6,900
Charles M. Schwab	580-60-32	24	11,900
Joseph Sellwood	525-55-31	12	9,850
John Sherwin	514-54-31	24	9,550

Captain

Chief Engineer

Sidney H. Smith	Leo Arnold
John W. Malloch	Clarence A. DeLong
Robt. M. Magnuson	John F. Johnson
Johan A. Larsen	Arthur Jacobs
H. Chesley Inches	Chester Bell
Stanley Kielbasa	Ralph M. Britz
John C. Tilley	Theodore N. Olsen
John L. McNellis	Raymond A. Arnold
A. G. Bammel	Milton P. Frye
N. M. Pedersen	Leo G. Bammel
Guy L. Smith	Thomas W. Johnston
J. M. Duddleson	William Anderson
Martin O. Ness	F. C. LaLonde
Roy E. Johnson	William Schaaf
T. Howard Saunders	Louis M. Richardson
John M. McCarthy	Ashley J. Arnold
Emmett C. O'Connell	Albert W. Jess
Henry W. Reinhold	Wm. F. Jess
Carl W. Basch	C. Adolph Anderson
Walter L. Girardin	Vincent E. C. Zobel
Robert B. Leach	Robert O. Fletcher
Victor J. Noel	John J. Keller
Ralph T. Fenton	Joseph A. Tilley
A. C. Drouillard	Hugo A. Dietlin
Wm. E. Sullivan	William Fritz
Harry Everson	L. R. Goulette

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Amasa Stone	525-55-31	12	9,750
Taurus	416-50-28	24	6,900
Vega	416-50-28	12	6,900
Verona	480-52-30	24	8,450
James C. Wallace	532-56-31	12	10,400
Augustus B. Wolvin	540-56-32	12	10,450
Youngstown	580-60-32	12	11,900

Captain

Chief Engineer

Byron G. Stewart	Carl A. Backman
Otto H. Schwedler	Harmon Bourlier
Charles Thurston	Jake P. Schiller
Frank B. Harmon	Aubrey C. Daniels
F. J. Lawrence	Thomas T. Miller
Andrew E. Olsen	Samuel M. Sanderson
James Larsen	John E. Vigneron

163 Pioneer Transportation Co. Ltd., 660 Richmond St., London, Ont.

Supertest (m.v.)	W. G. Perry, Manager	
	W. H. Rees	A. Mance

164 Pittsburgh Coal Co., 2300 Terminal Tower, Cleveland (Owner and Operator)

Pittsburgh	W. G. Wilhelm, Lake Sales Manager; J. P. Doyle, Gen. Supt.	
	Thomas Burns	

165 Pittsburgh Steamship Co., Rockefeller Bldg., Cleveland (Owner and Operator)

	W. P. McElroy, Fleet Captain; J. F. Wood, Fleet Engineer		
B. F. Affleck	580-60-32	24	12,000
Geo. F. Baker	580-58-32	12	11,300
Clarence A. Black	414-50-28	24	6,650
E. J. Buffington	580-58-32	12	11,400
Robt. W. E. Bunsen	439-50-29'6"	24	7,100
D. M. Clemson	580-60-32	12	12,200
Wm. G. Clyde	580-60-32	24	12,000
J. A. Smith			W. R. Miller
A. J. Winkel			J. R. Bowermaster
J. E. Tomlin			R. A. Evans
Geo. Chambers			A. A. Lyman
C. M. Christensen			M. H. Smith
C. H. Johnson			A. L. Rhodes
D. M. LeRoy			R. W. Townsend

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Thos. F. Cole	580-58-32	12	11,500
E. C. Collins	420-50-28	24	6,700
W. E. Corey	549-56-31	24	10,300
Cornell	454-50-28'6"	24	7,100
Geo. G. Crawford	585-60-32	12	11,700
Wm. B. Dickson	580-58-32	12	11,500
Alva C. Dinkey	580-58-32	12	11,300
Wm. Edenborn	478-52-30	24	8,000
Isaac L. Ellwood	478-52-30	24	8,000
Benj. F. Fairless			
James A. Farrell	580-58-32	12	11,700
A. H. Ferbert			
Wm. J. Filbert	585-60-32	12	11,700
Leon Fraser			
H. C. Frick	549-56-31	12	10,500
Robert Fulton	414-45'6-28	24	5,800
E. H. Gary	549-56-31	24	10,500
John W. Gates	478-52-30	24	8,000
Harvard	454-50-28'6"	24	7,100
A. F. Harvey	580-60-32	24	12,100
J. A. Hatfield	580-60-32	24	12,100
James J. Hill	478-52-30	24	8,000
Douglas Houghton	456-50-29	24	7,300
Francis E. House	585-60-32	12	11,700
John Hulst	586-60-32'6"	24	12,000
W. A. Irvin	586-60-32'6"	24	11,900

Captain	Chief Engineer
W. H. MacBeth	O. J. Berger
R. F. Radike	A. E. McGuire
J. N. Rolfsen	Earl Lockhart
A. M. Everett	E. F. Heckel
D. E. Manuel	Harry Barteldt
A. C. Penzenhagen	J. F. Oakley
H. L. Buckley	F. W. Leng
G. M. Sandiford	V. N. Ax
T. F. Burns	R. I. Dillenberg
no appointments	
D. T. Whitlock	C. D. Reno
no appointments	
A. H. Nielsen	R. S. Curry
no appointments	
F. Davenport	M. C. Smith
W. K. Kelly	J. O. Indergard
H. Ashby	E. W. Anderson
F. H. Pratt	G. E. Anderson
W. H. Paver	C. A. Britton
E. K. Male	A. K. Brake
C. J. Kearns	J. T. Schei
W. J. Seligman	W. H. Annesley
Geo. Gay	S. T. Kemmerly
R. W. Parsons	L. B. David
A. T. Patchett	C. A. Suttle
John Crerar	W. P. Bourlier

86

Captain	Chief Engineer
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Horace Johnson	580-60-32	24	11,900
D. G. Kerr	580-60-32	12	12,200
Thomas W. Lamont	580-60-32	24	12,000
R. V. Lindabury	580-60-32	24	12,100
Thomas Lynch	580-58-32	12	11,200
W. A. McGonagle	580-60-32	12	12,200
John McLean	414-50-28	24	6,700
Malletoa	454-50-28'6"	24	7,400
Mataafa	430-50-28'6"	24	6,900
Maunaloa	430-50-28'6"	24	6,800
Miller, Governor	586-60-32'6"	24	11,900
Pentecost Mitchell	414-50-28	24	6,600
J. P. Morgan Jr.	580-58-32	12	11,300
J. Pierpont Morgan	580-58-32	12	11,300
Samuel F. B. Morse	456-50-29	24	7,300
Wm. J. Olcott	580-58-32	12	11,500
Irving S. Olds			
Wm. P. Palmer	580-58-32	12	11,800
E. W. Pargny	580-60-32	12	12,300
Geo. W. Perkins	549-56-31	24	10,400
Henry Phipps	580-58-32	12	11,200
Orlando M. Poe	470-50-29	24	7,500
Princeton	454-50-28'6"	24	7,000
Queen City	400-48-28	24	6,100
Norman B. Ream	580-58-32	12	11,300
Rensselaer	454-50-28'6"	24	7,000

R. C. Caughell	E. H. Oehlenschlager
F. H. Roach	Thos. Reinert
Ed. Palm	F. J. Manion
A. C. Johnson	H. E. Lickfield
L. J. Brissette	R. W. Armstrong
A. W. Dana	P. F. McDonnell
E. C. Baganz	A. L. Haller
M. M. Crawford	A. A. Baker
F. W. Quinn	E. A. Bradley
D. MacDermid	Oscar Kihlstrom
H. Leisk	W. B. Danforth
F. L. Palagyi	M. P. Hoshour
Swen Foland	H. W. Bremer
R. A. DeWitt	Jas. Amenson
M. Rushin	R. W. Hogle
Thor Nelson	Robt. Conlen
no appointments	
W. T. Simonds	C. C. Rector
H. Osier	W. F. Oehlenschlager
D. W. McLeod	M. O. Waldeland
J. M. Boyce	B. H. Hesler
F. Wilcox	F. J. Cunningham
G. A. Lehne	L. M. Morrison
J. E. Diamond	A. J. Mercier
R. C. Hoglund	J. B. Bellow
C. J. Paver	G. C. Morrison

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Percival Roberts Jr.	580-58-32	12	11,700
H. H. Rogers	580-58-32	12	11,200
Wm. B. Schiller	580-58-32	12	11,500
McGilvray Shiras	420-50-28	24	6,700
H. C. Strom (nee A. H. Ferbert)	420-50-28	24	6,700
Myron C. Taylor	580-60-32	24	12,000
Eugene P. Thomas	580-60-32	24	12,000
Richard Trimble	580-58-32	12	11,800
Enders M. Voorhees			
R. H. Watson	586-60-32'6"	24	12,000
Peter A. B. Widener	580-58-32	12	11,200
H. D. Williams	580-60-32	12	12,200
Zenith City	380-48-28	24	5,600
August Ziesing	580-60-32	12	12,000
Fritz (barge)	438-50-28'6"	24	7,900
Roebling (barge)	438-50-28'6"	24	7,800

**166 Porter, J. P., & Sons, Ltd., 936 Dominion Square Bldg., Montreal, Que.
(Owner and Operator)**

Alice (tug)	
Daisy (tug)	
F. Dupre (tug)	
Hector Porter (tug)	
Lawrence T. Porter (tug)	
Letitia Porter (tug)	

Captain		Chief Engineer	
Wm. Ward		W. A. Marshall	
J. C. Murray		J. M. Mikell	
C. J. Brinker		F. G. Hazen	
C. E. Gerlach		G. W. Heckel	
Geo. Davis		E. F. Vigneron	
C. C. Carlisle		W. G. Staley	
H. Johnson		G. R. Emrey	
E. D. Purdy		H. G. Rood	
no appointments			
W. H. McLachlan		C. S. McIntyre	
A. G. Waurzyniak		F. F. Hunger	
C. A. Horton		C. H. Savage	
R. De Polder		Sven Stolson	
Geo. Comins		W. F. Parker	
C. O. Hamet			
Alf. Olsen			
R. Picard		A. Cournoyer	
D. Pitt		L. Sharkey	
K. McLeod		H. Oakes	
J. R. MacLean		J. J. Anderson	
G. Livingstone		J. McNeil	
A. Paquet		S. Allen	

Tupper Porter (tug)	
Rouille (tug)	
Delver (dredge)	
Fundy (dredge)	
Shuniah	

Captain		Chief Engineer	
H. Ross		L. Houde	
G. Scott		F. Colwell	
J. Gamble		W. McIntyre	
A. Kennedy		F. Bouchard	
R. Bursey		W. Pitts	

**167 Prescott & Ogdensburg Ferry Co. Ltd., Prescott, Ont. (Owner and Operator)
S. J. Delaney, Port Captain**

Joseph Dubrule	
Levis	

Boivin		R. Lashmar
Hugh Willard		W. Chretien

Presque Isle Transportation Co. (See Fleet No. 42)

168 Pringle Barge Line Co., The, Buhl Bldg., Detroit

Barkhamstead (tug)	
Crusader (tug)	
Jesse James (tug)	
Constitution (barge)	
Maida (barge)	

J. B. Pringle		no appointments
J. C. Ryan		
J. H. Alexander		
Bert Peltier		

169 Provincial Paper Ltd., Port Arthur, Ont. (Owner and Operator)

Thomas Maitland (tug)	
Strathbogie (tug)	

W. C. Marcellus		Bert Nelson
W. C. Charlton		D. Lanktree

Pure Oil Steamship Co. (See Fleet No. 86)

	Captain	Chief Engineer
170 Purvis, James, & Son, Gore Bay, Ont. (Owner and Operator)		
E. D. M. Purvis (tug)	Wilfred McCoy	David Campbell

171 Pyke Towing & Salvage Co., Kingston, Ont. (Owner and Operator)	Grant Pyke, Manager	
George T. Davie (barge)	Capt. MacDonald	
Hilda (barge)	Capt. Johnson	
Salvage Prince (tug)	G. Pyke	E. Reid
Salvage Queen	W. Felix	Thomas Campeau
Warrenco (barge)	W. Botting	
No appointments for barges Anarco, Sand Boy and Stone Boy		

172 Quebec Harbour, National Harbours Board, (Owner and Operator)	
Aviso (tug)	not in operation

173 Quebec & Ontario Transportation Co. Ltd., 680 Sherbrooke St., West Montreal, Que.	
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	F. J. Byington, Superintendent	
Chicago Tribune (m. v.)	F. V. McIntyre	J. N. Fleming
Franquelin (m. v.)	J. O. Beaudoin	L. Lott
Heron Bay	Geo. Ferguson	H. Collins
New York News	R. J. Brown	G. Coffin
Outarde	W. E. Redfearn	W. Godkin
Shelter Bay	D. Gendron	W. Martin

	Captain	Chief Engineer
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174 Red Arrow Steamship Co., Sheboygan, Wis. (Operator)	Red Arrow Steamship Co., Wilmington, Del. (Owner)	
	W. W. Newcomet, Manager;	H. J. Rake, Fleet Engineer
Jos. S. Morrow	D. C. Sullivan	William Harris

175 Reger & Werner Fish Co., Lorain, O. (Owner and Operator)	George Floro	
George Edward (tug)	Carl Werner	
Barbara Jo (gas)	Ed Witt	
Francis R. (gas)	Al. Snell	
Jerry W. (gas)		

176 Reiss, C., Coal Co., Sheboygan, Wis. (Owner and Operator)	W. W. Newcomet, Manager;	
Green Bay (tug)	H. J. Rake, Fleet Engineer	Michael Worth
Reiss (tug)	William H. Armstrong	L. Lewandowski
	Glen Bergerson	
	John Moore	

177 Reiss Steamship Co., Sheboygan, Wis. (Operator)	Reiss Steamship Co., Wilmington, Del. (Owner)	
	W. W. Newcomet, Manager;	
A. M. Byers	M. A. Baizaire	Sylvester Palumbo
Reiss Brothers	Howard N. Leach	John J. Maloney
Clemens A. Reiss	Hans Bauer	Theo. Jessen
J. L. Reiss	Wayne Pringle	Willard F. Meter
John P. Reiss	John Hoff	James Nelson
Otto M. Reiss	Peter Sorensen	Axel Backman
Peter Reiss	H. L. Radcliffe	John A. Richardson

Richard J. Reiss
 William A. Reiss
 Alex B. Uhrig

Captain Joseph Le Page L. F. Miller
Chief Engineer R. O. Frankforth J. E. McNeill
 Carroll Shaw Harry Bracher

178

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

Rockport Steamship Co., Wilmington, Del. (Owner)
 W. W. Newcomet, Manager; H. J. Rake, Fleet Engineer
 (Both vessels are self-unloaders)

John A. Kling 538-56-31 9,500 Albert Olsson John A. Nystrom
 Charles C. West 452-60-31 8,000 E. C. Burke Sam Lorenz

179

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

John Roen (tug) K. Svendsdahl Ed. Johnson
 John Roen Jr. (tug) M. Roen
 John Roen III (tug) Jas. Strickland
 City of St. Joseph (barge) B. Ajerde
 Hilda (barge) Mat Overvog
 Leona (barge) Chas. Bartlett
 Transport (barge) Sam Long V. Younk

180

Russell Construction Co. Ltd., Harbor Administration Bldg., Toronto, Ont.

J. D. Roddick, President
 R. C. Co. Tug No. 1 Ray Hand Gordon Hand
 R. C. Co. Tug No. 3
 R. C. Co. Tug No. 4

S. S. Cyclo Brave Ltd. (See Fleet No. 130)

Captain

Chief Engineer

S. S. Cyclo Chief Ltd. (See Fleet No. 130)

S. S. Cyclo Warrior Ltd. (See Fleet No. 130)

The Saginaw Dock & Terminal Co. (See Fleet No. 154)

181

St. Lawrence River Power Co., Massena, N. Y. (Owner and Operator)

C. W. Peden, Assistant Superintendent
 DeGrasse (tug) E. J. Cline C. Warner
 William Hoopes (tug) E. J. Cline C. Warner

St. Lawrence Steamships, Ltd. (See Fleet No. 51)

Salzburg Transportation Co. (See Fleet No. 54)

182

Sarnia Steamships Ltd. of Sarnia, Ont., West St., Port Colborne, Ont. (Operator)

Robert Scott Misener, Gen. Mgr.; John O. McKellar, Fleet Supt. and Engr.
 Sarnia Steamships Ltd. (Owner)

Joseph P. Burke W. Cornett J. Calvert
 Drumahoe W. A. Stewart W. Chambers
 Fairlake J. W. Howey A. Kinnear
 Fairriver C. H. Cole R. Brett
 Ralph Gilchrist A. R. Rafuse G. Barrett
 C. H. Houson J. Halstead A. Pruder
 Lockwell E. S. Bailey D. McKenzie

	Captain		Chief Engineer
John O. McKellar	A. G. McLean		A. Lyons
Scott Misener	F. J. Brady		D. Munro
Portwell	J. A. Dennis		J. Finlay
Starwell	J. A. Austin		R. M. Crawford
	Colonial Steamships Ltd. (Owner)		
Bayton	416-50-28	7,500	J. H. Glass
Viscount Bennett	480-52-30	8,300	J. E. Stewart
Laketon	416-50-28	7,800	C. E. Misener
Mathewston	530-58-31	10,000	W. J. Moles
Riverton	452-48-28	7,800	E. C. Hawman
Royalton	530-58-31	12,000	C. R. Albinson
			K. B. DeMille
			O. Williams
			A. McLaren
			F. Davison
			C. Reid
			V. Parker

183 Scanes Boat & Dock, James, 401 Ohio St., Toledo, O.
 Fort Meigs James Scanes..... Joseph H. Scanes

Schneider Transportation Co. (See Fleet No. 42)

184 Scott, Thomas J., 489 Bay St., Sault Ste. Marie, Ont. (Owner and Operator)
 T. J. Scott (tug) T. J. Scott F. McLeod
 T. J. S. No. 1 (scow) Wallace Reid

185 Shell Canadian Tankers, Ltd., 25 Adelaide St., E., Toronto, Ont.
 Peter G. Campbell J. M. Purdy S. Fratson
 Lakeshell (motor ship) F. F. Foote J. M. MacMillan
 John A. McDougald S. T. Williamson W. J. Wells

	Captain		Chief Engineer
186 Shenango Furnace Co., 1961 Union Commerce Bldg., Cleveland (Operator)	Shenango Furnace Co., Pittsburgh (Owner)		
	C. J. Peck, Manager; P. J. Riley, Superintendent		
Col. J. M.			
Schoonmaker	590-64-33	12 12,600	F. M. Hood
Shenango	585-58-32	12 11,400	R. Carlsen
Wm. P. Snyder Jr.	590-64-33	12 12,600	Frank H. Ott
			John Mansika
			Chas. Volk
			Albert Fritz

Sierra Steamship Co. (See Fleet No. 196)

187 Sincennes-McNaughton Line Ltd., 635 Common St., Montreal, Que. (Owner)
 Joseph Simard, President; R. A. Campbell, Managing Director

James Bottle	L. Hebert
Brighton (barge)	Morel Compeau
Cobourg (barge)	
Graeme Stewart	
Londonderry (barge)	Joe Compeau
Yvon Dupre Jr. (tug)	P. Bibeau
Eureka (tug)	Z. Bibeau
Felicia (tug)	J. Millette
Fire Chief (tug)	E. Blais
Mathilda (tug)	E. Houde
John Pratt (tug)	G. Couillard
Pierre Racine (tug)	not in commission
Rival (tug)	L. Orr
	D. Matte
	E. St. Germain
	A. Lemay
	D. Lavallee
	J. Bernard
	A. Cournoyer
	J. Lavallee

Captain **Chief Engineer**

188 Sorel Harbour Tugs Ltd., Sorel, Que. (Owner and Operator)
 No definite appointments made at beginning of season
 Tugs Marguerite T., Jacques T., Madeleine T., Pauline T., Paul T., Jean T.
 Barges Bernard T., Maurice T., Clement P., Hector, P. W. Joly, and 15 tow barges.

189 South Chicago Coal & Dock Co., 222 West Adams St., Chicago, Ill.
 Koalkraft Arthur J. Spotton Harry Zivney

190 Sowards, Capt. J. F., Kingston, Ont. (Owner and Operator)
 Patdoris F. Gould G. Jarrell
 Therese T. (tow barge) N. Wilkins

191 Stadium Yacht Basin Inc., Foot of W. Third St., Cleveland
 T. R. Zickes, Vice President

Albatross (tug)

192 Standard Oil Co., Whiting, Ind. (Owner and Operator)
 F. D. Rexwinkle, Manager of Marine Dept.
 (All vessels are tankers)

William P. Cowan	J. Taylor	J. R. Henry
Red Crown	N. Johnson	A. Lippie
Beaumont Parks	E. Sell	A. Amolsch
Edward G. Seubert	E. Justmann	M. Swanson
Robert W. Stewart	G. Carlson	E. M. Smith
S. O. Co. "C" (barge)	S. Bruun	
Outagamie (tug)	not in commission	

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Captain **Chief Engineer**

193 Steinbrenner, George M., 706 Rockefeller Bldg., Cleveland (Operator)
 No appointments at opening of season
 Kinsman Transit Co. (Owner)

Harry L. Findlay	532-56-31	12	10,200
Geo. M. Humphrey	586-60-32	24	12,000
Philip Minch	480-52-30	12	8,600
Henry Steinbrenner	420-50-28	24	6,900

Sumatra Steamship Co. (See Fleet No. 196)

194 *Tees Transit Co., 48 Sterling St., Hamilton, Ont. (Owner and Operator)
 Capt. T. A. Tees, Manager

Aragon

C. W. Cadwell

Sandland

195 Texas Co., Marine Dept., 332 S. Michigan Ave., Chicago (Operator)
 Texas Co., 135 E. Forty-second St., New York (Owner)

Harvey (tug)	H. S. Miller	Jos. Spaniel
Latin American (tug)	J. E. Murphy	B. Graf
Maine	R. E. Lee	M. Pelmas

196 Tomlinson, G. A., 2900 Terminal Tower, Cleveland (Operator)
 Consolidated Steamship Co. (Owner)

M. E. Farr	580-60-32	12	12,000	H. R. Winkler	J. H. Majo
				Continental Steamship Co. (Owner)	
Chas. E. Dunlap	580-60-32	12	12,000	A. R. MacLeod	George Lennox

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	Captain	Chief Engineer
	Duluth Steamship Co. (Owner)	
Sylvania	504-54-30 12 9,400	William Hill Thomas E. Bouchard
	Globe Steamship Corp. (Owner)	
Cuyler Adams	474-52-29 12 8,400	J. C. Taylor Joseph Brown
Ball Brothers	480-52-30 12 8,900	C. R. Baker R. B. Fegert
James Davidson	580-60-32 12 12,000	A. R. Morse N. P. Slater
	Inter Ocean Steamship Co. (Owner)	
Jas. E. Davidson ..	504-54-30 12 9,400	Elmer Wolvin J. A. Johnson
	Sierra Steamship Co. (Owner)	
Sierra (self unloader) ..	438-52-28 ..	J. E. Drury Leo Gallagher
	Sumatra Steamship Co. (Owner)	
Sumatra		
(self unloader)	405-48-28 ..	E. W. Gonyaw Harvey Jewell
	Triton Steamship Co. (Owner)	
Rufus P. Ranney	420-52-30 24 7,200	C. U. Danielson A. M. Bartow
	United Steamship Co. (Owner)	
Col. E. M. Young ..	504-54-30 ..	Edward Cahours A. M. Olson
197	Toronto, City of Toronto, Ont. (Owner and Operator)	
	R. C. Harris, Commissioner of Works	
G. R. Geary (tug)		F. T. Foulkes J. H. Shaughnessy
Ned Hanlan (tug)		C. Niece H. E. Baillie
198	Toronto Transportation Commission, 35 Yonge St., Toronto, Ont. (Operator)	
	City of Toronto (Owner), H. C. Patten, General Manager D. A. Peters, Marine Supt.	
Aylmer (motor tug)		Officers not assigned to particular vessel.
Bluebell		

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	Captain	Chief Engineer
Buttercup (motor launch)		
T. J. Clark		
William Inglis (m.v.)		
Sam McBride (m.v.)		
Miss Simcoe (motor launch)		
Trillium		
Miss York (motor launch)		
199	Transit Tankers & Terminals Ltd., 31 St. James St., West, Montreal, Que. (Operator)	
Ilororo	A. Daneau	R. Marchand
Transiter (m.v.)	R. Tremblay	W. C. Casstles
Transtake	R. Chatel	E. Laplante
Transriver	O. Bibeau	A. Gagne
	Tree Line Navigation Co. (See Fleet No. 28)	
	Tri-Lakes Steamship Co. (See Fleet No. 150)	
	Triton Steamship Co. (See Fleet No. 196)	
200	Trois Rivières, City of Quebec (Owner and Operator)	
	Phil. Bellefeuille, Supt.	
Cite des Trois-Rivières	Honore Milot	Alfred Sauvageau
	Antoine Hamelin	Wilf. Lamothe
De Laverendrye	Camille Biron	Phil. Bouchard
	Murray Lewis	Henri Bouchard
	Eloi Toutant	William Sauvageau

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	Captain	Chief Engineer
201 Union Transit Co. Ltd., Excelsior Life Bldg., 36 Toronto St., Toronto Geo. R. Donovan, President (Capacity in net tons at canal draft of 14 feet)		
William Schupp.....253-43-20	W. J. Brown.....	H. Fitzpatrick

202 U. S. Engineer Office, War Department, 613 Federal Bldg., Detroit		
Capt. A. Canfield (motor tender).....	Lawrence R. Barrett...Fernley J. Killips	
Detroit (quarterboat)	Allen E. Wright	
Dixon (motor survey boat)	no appointment	
Erie (derrickboat)	Ernest W. Mattkee	
Col. J. D. Graham (motor tender).....	Gustav J. W. Jacobson...Clarence Miller	
Kent (motor launch).....	no appointment	
Merganser (derrickboat)	Wilho A. Ala	
Alfred Noble (harbor tug)	decommissioned	
No. 3 (derrickboat)	decommissioned	
Pioneer (motor tender)	William F. Stepaniak	
Pronto (motor launch)	Philip McArthur	
St. Marys (quarterboat)	Richard K. Felix	
Sault Ste. Marie (motor launch).....	Melvin B. Seaman	
Wenzell (motor launch)	no appointment	
E. S. Wheeler (motor tender)	Thomas G. Fairbairn	
Wolcott (motor survey boat)	Harvey M. Hodge.....William C. Brady	

203 U. S. Engineer Office, War Department, 969 Ellicott Square Bldg., Buffalo, N. Y.		
George R. Goethals, Major, Corps of Engineers, District Engineer in Charge		
Burton (dredge)	John W. Wilke	Wallace O. Tomey

	Captain	Chief Engineer
Churchill (tug)	Fletcher W. Booth.....	James Reed
Lockwood (survey boat)		
McDonough (tug)	Adrian Annal	Elmer J. Murphy
Quintus (diesel tug)		Harold K. Smith
Black Rock (tug)	Leslie E. Chambers.....	Lavern R. Selover
Savannah (dredge)	Harry J. Ruddy.....	Wm. C. Dahlke
Taylor (dredge)	James McCauley	Audrey R. Gray

204 U. S. Engineer Office, War Department, 408 Federal Bldg., Milwaukee		
Col. Charles J. Taylor, District Engineer; E. M. Nisen, Prin. Engineer		
Cumberland (tug)	Harvey E. Conroy.....Louis J. Hengartner	
Kenosha (barge)	not in commission	
Marinette (tug)	Palmer E. LaPlante....	Andrew Tollefson
G. G. Meade (dredge)	Otto C. Grimm.....	Jess G. Lanridge
Menasha (tug)	Clifford E. Velte.....	David Clow
Milwaukee (barge)	Albert R. Nielson....	Franklin C. Struck
Neenah (tug)	Lester G. LaPlante....	Francis Vaughan

United Steamship Co. (See Fleet No. 196)

205 United Towing & Salvage Co. Ltd., 635 Common St., Montreal, Que. (Operator)		
Coteau (barge)	H. C. Shipman	M. P. Currie
Jean Fraser (tug)		H. L. Newton
Great Western (derrick barge).....		F. C. Lancaster
Guardian (tug)		
Ponoka	no appointments	

Strathmore (tug)
 Tango (derrick scow)
 James Whalen (tug)

Captain **Chief Engineer**
 W. J. Taylor J. Farquharson
 V. McCabe J. Gehl

206 Upper Lakes & St. Lawrence Transportation Co. Ltd., Queen's Quay at Spadina Ave., Toronto, Ont.

Blue Cross
 Blue River
 Brown Beaver
 Bryn Barge
 Ralph Budd
 Norman P. Clement
 James B. Eads
 John Ericsson
 Glenbog'e (barge)
 Grey Beaver
 Judge Hart
 Alexander Holley (barge)
 John A. Holloway
 Charles R. Huntley
 Judge Kennefick
 Norman B. MacPherson
 John S. Pillsbury
 John J. Rammacher
 John B. Richards
 Sarnian
 Howard L. Shaw

C. C. Clattenburg W. C. Pickard
 W. R. Bogle S. E. Bonner
 A. W. Beatty Frank McInnis
 Dan Kitchen
 A. E. McGee M. Leatherdale
 H. L. MacDonald L. Sampson
 S. Tischart E. L. James
 W. E. Ogg J. Gilbert
 N. Miller
 A. H. Dixon J. Collingham
 F. M. Burmister H. D. Foote
 A. J. Hogue
 J. V. Norris
 F. R. Johnson Frank Camps
 H. G. Redfearn J. Jones
 W. J. Ferguson R. L. Bell
 W. J. Hawman G. Anderson
 J. Eric Fox Wm. Prentice
 C. B. Kirk E. Hurley
 J. Hanley A. Mehm
 F. Harpell G. Miller

114

James Stewart
 Shirley G. Taylor
 George L. Torian
 Victorious
 William C. Warren
 Shelton Weed
 Barge 137

Captain **Chief Engineer**
 J. L. McGowan J. J. McLeod
 O. Gulbranson E. Powell
 J. Allen
 J. A. Buchanan Gilbert Miller
 H. Welbanks H. Adams
 A. N. Hogue
 C. J. Lavigne

207 Valley Camp Coal Co. of Canada Ltd., Port Colborne, Ont., and Victory Bldg., Toronto, Ont. (Owner and Operator)

Valley Camp 252-43-26 2,700

Bruce A. Nichols V. Irvine

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

R. W. Holst

Geo. Blattner Geo. Lang

The Virginia Steamship Co. (See Fleet No. 91)

209

Wabash Railway Co., Detroit

A. Johnson, Fleet Captain; J. S. Dant, Detroit Terminal Supt.
 Norman B. Pitcairn and Frank C. Nicodemus Jr., Receivers (Owners and Operators)
 Detroit (car ferry)
 Manistowoc (car ferry)
 Windsor (car ferry)

A. Johnson G. W. Schuchard
 J. J. Mahon W. Free
 G. Yates E. J. Fitzgerald
 R. G. Tobin H. A. Lowery
 E. Murphy A. Severin
 E. Cram D. A. Patterson
 J. J. Bufton C. R. Johns
 S. D. Russell A. M. Pressey

115

	Captain	Chief Engineer
210 Walkerville & Detroit Ferry Co., Foot of Jos. Campeau Ave., Detroit	E. Thibert, Superintendent	
Halcyon	A. B. Bailey	C. Scheonrock
Wayne	H. Lively	L. M. Beauvais
211 Wells Construction Co., 1121 Schofield Bldg., Cleveland	(Owner and Operator)	
	R. A. Boccia, Fleet Captain	
Edward K. (tug)	A. P. Johnson	L. Reilly
Lorene (tug)	C. Bentley	
North Harbor (tug)	R. Hamilton	W. Voight
Red Crown (tug)	Oscar Tussell	
J. R. Sprankle (tug)	John McIver	L. Moore
Stella B. (tug)	Gus Greenland	
Norman Kelley (derrick scow)	Steve Boccia	
John H. Pellett (derrick scow)	Hugo Grafton	Tony Campesi
Wawasee (derrick scow)	Guido Pierpouli	Don Stanton
Welston (derrick scow)	'Toni Mahi	W. Stafford
212 Wilson Transit Co., 960 Rockefeller Bldg., Cleveland (Owner and Operator)	Captain Joseph S. Wood, President	
Chas. S. Hebard .. 504-54-30	12	9,500
Robt. L. Ireland .. 504-54-30	12	9,600
Edw. S. Kendrick .. 520-54-31	24	9,700
A. T. Kinney .. 504-54-30	12	9,600
E. J. Kulas .. 580-60-32	24	11,700
Jas. McNaughton .. 580-60-32	12	11,700
A. W. Osborne .. 400-48-28	12	6,300
	S. Wood, President	
	Jos. Konkel	Swan Swanson
	Wm. F. Gardner	H. F. Bangs
	J. J. Phillips	Chas. Schack
	Roy F. Woodford	Frank Heagerty
	George Stewart	Hans T. Meyers
	M. A. Mausolf	J. C. Reynolds
	Peter Petersen	David Campbell

116

	Captain	Chief Engineer
Chas. A. Paul .. 520-54-31	24	9,700
S. H. Robbins .. 444-50-29	24	7,100
Frank E. Taplin .. 420-52-28	12	7,100
J. E. Upson .. 504-54-30	12	9,500
Robt. B. Wallace .. 525-55-31	12	9,900
Capt. Thos. Wilson .. 420-50-29	12	6,800
213 Wisconsin & Michigan Steamship Co., 350 N. Plankinton Ave., Milwaukee	(Owner and Operator)	
	L. N. Biron, President and General Manager; Mark T. McKee, Vice President	
Illinois	not in commission	
Missouri	not in commission	
Milwaukee Clipper	A. K. Hoxie	Robert Wilharm
214 Wolfe Island, Corporation, Wolfe Island, Ont.		
Wolfe Islander	Ross Carnegie	Matthew Dorey
215 Wyandotte Transportation Co., 1622 Ford Bldg., Detroit		
	N. H. Morgan, Charter Agent; R. W. Smith, Superintending Engineer	
Alpena .. 356-47-27	5,500	John E. Broadwell .. Leonard Caley
Conneaut .. 416-56-30	8,000	W. H. Yates .. Justin Houston
Huron .. 416-56-30	8,000	J. C. McCormick .. Neil MacNeil
Wyandotte .. 346-45-27	4,500	Henry F. Kresin .. Earl N. Wilson
216 Zenith Dredge Co., 403 Bradley Bldg., Duluth (Owner and Operator)		
Donald B (tug)	P. Hernbin	
Fayling (tug)		
Alice Vivian (dredge)	John V. Carlson	Mauritz Harris
Dredge No. 2	Fred C. Wright	

117

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J. E. Davidson, Vice President and Treasurer.
G. W. Cottrell, Vice President and General Counsel.
Jas. S. Dickie, Vice President.
G. C. Sheidler, Secretary and Assistant Treasurer.
J. A. Hughes, Assistant Secretary.
N. Halderman, Auditor.
J. C. Workman, Chief Engineer.
E. G. Turner, Chief Draftsman, Engineering Dept.
Kent C. Thornton, Acting Naval Architect.
John E. Steinman, General Superintendent.
Fred L. Obert, Manager of Order Dept.
Frank J. Kunst, Purchasing Agent.

CLEVELAND PLANT

Foot of West 54th street, N. W.

James E. Thompson, Superintendent.

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

REPAIR FACILITIES: Fully equipped, with dry dock, 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. 80-ton shear legs.

DRY DOCK: Length over all 547' 0"; width of entrance at top, 65' 0"; depth over sill 12' 9".

FLOATING REPAIR EQUIPMENT: One self-propelled steam derrick scow with 10-ton lift and equipped with air compressor, electric welding outfit, etc. one delivery launch.

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

LORAIN PLANT

Colorado Avenue,
Lorain, Ohio

Joseph 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. Two 80-ton shear legs.

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: One barge, equipped with air compressor, electric welding outfit, etc.; two delivery launches.

TOLEDO PLANT

902-910 Water St.,
Toledo, O.

Jos. Koelbl, Superintendent.

REPAIR FACILITIES: Fully equipped for making topside hull repairs of all types, and complete repairs to engines, boilers and auxiliary machinery.

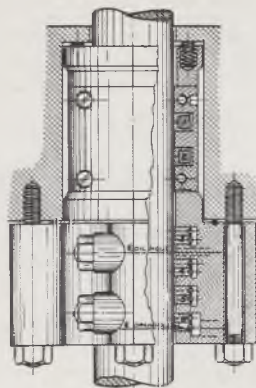
FLOATING REPAIR EQUIPMENT: One motor launch and one repair scow, both equipped with air compressors, electric welding outfits, etc.

BUFFALO PLANTS

191-301 Ganson street,
Buffalo, N. Y.

L. H. Reynolds, Superintendent.

REPAIR FACILITIES: Fully equipped, with dry docks, machine shop, sheet metal shop, pipe



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This is a hi-pressure marine split type packing with pressure breakers in groove 1 and 2 in a floating case which are non-collapsible and are intended to cut down initial pressure on packing before it reaches the collapsible packing rings in grooves 3-4 and 5. A spring bushing holds parts firmly in place, the outer case is drilled and tapped for oil and drain connections. The lower pair of rings is designed to strip water from the rod to the drain provided, thus eliminating the moisture around rods. It is a known fact that this combination is adding years of service to the collapsible rings in grooves 3-4 and 5.

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shop, joinery shop, electrical shop, etc., for making complete repairs to ships' hulls, engines, boilers, and auxiliary machinery. 80-ton shear legs.

DRY DOCKS: No. 1—Length over all, 470' 0"; width of entrance at top, 61' 10"; 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.; two delivery launches.

Foot of So. Michigan Ave.,
Buffalo, N. Y.

REPAIR FACILITIES: Fully equipped for making topside hull repairs of all types, and complete repairs to engines, boilers and auxiliary machinery.

FLOATING REPAIR EQUIPMENT: One deck scow equipped with 10-ton derrick; two deck scows equipped with welding outfits.

CHICAGO PLANT

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. 80-ton shear legs.

DRY DOCKS: No. 1—Length over all, 520' 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 repair launches and one repair scow, equipped with

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air compressors, electric welding outfits, etc.; one delivery launch.

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Clough Ave., and Third St., Superior, Wis.

John E. Thompson, 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' 6".

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

Thomas B. Banner Boiler & Welding Co.

15 West Ohio street, Chicago, Ill.

John L. Banner, President.

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

Canadian Vickers, Limited

Maisonneuve, Montreal, Canada.

J. Edouard Labelle, K. C., President.

T. R. McLagan, General Manager.

J. W. Savidant, Comptroller.

J. Kirkland, Shipyard Manager.

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.

Est. 59 Years

Thomas B. Banner Boiler & Welding Company

John L. Banner

Plate Work

Boiler Repairing

Ship Carpenters

Dock Repairing

Machinists

Electric and

Acetylene Welding

Engineer's Supplies

Day Phones	}	Superior	7269
		Delaware	1528
Night Phones	}	Buckingham	2821
		Humboldt	3084

Chicago, Ill.

15 West Ohio Street

The Collingwood Shipyards, Ltd.

Collingwood, Ont.

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: 14' 0" draught.

Defoe Shipbuilding Co.

Bay City, Mich.

H. J. Defoe, Manager.

W. E. Whitehouse, Asst. Manager.

A. D. Defoe, Chief Engineer.

Albert Johnson, Superintendent.

MARINE RAILWAY—500 tons.

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George B. Turnbull, Vice Pres.-General Manager.

R. C. Lakin, Secretary.

F. M. Scotten, Asst. to General Manager.

Dwight True, Naval Architect.

H. M. Varian, Chief Engineer.

Wm. Brush, Superintendent.

A. W. Roemer, Production 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.

ASHTABULA, OHIO, PLANT

E. D. MacKenzie, Yard Superintendent.

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

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AL NIENOW

Phone: Lakeside 5946

OFFICE PHONE: MARQUETTE 3488

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BUILDING BERTHS: One; 800 foot ship.
DRY DOCK: Concrete dock, 650' over all.

CLEVELAND OFFICE

Leonard H. Feldmeyer, Asst. to Gen. Manager.

DETROIT, MICH., PLANT

John Braden, Superintendent.

REPAIR FACILITIES: Complete for engine and machinery repairs.

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General Office

1800 Terminal Tower, Cleveland, O.

Yard

Foot Jefferson St., Cleveland, O.

C. W. Willett, President.

H. N. Hobart, Vice President.

G. G. Winter, Treasurer.

Geo. P. Bickford, Secretary.

REPAIR FACILITIES: Repairs on either steel or wooden tugs and other small craft either steel or wood hulls.

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

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

Kingston Shipbuilding Co., Ltd.

KINGSTON, ONTARIO, PLANT

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

BUILDING BERTHS: Two.

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

LIMITING CONDITIONS: 16' 0" draught.

Manitowoc Ship Building Co.

Manitowoc, Wis.

Charles C. West, President.

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WATER TREATMENT**

offers many advantages to the Marine Engineer.

It keeps boilers and feedlines clean.

It is easy to handle. No measuring of chemicals.

No waste. No chemical burns.

No expensive feeding or blow-down equipment.

It is delivered at 16 Great Lakes Ports.

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"Nalco System for Marine Boilers"

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 W. L. Wallace, 2nd Vice President.
 A. L. Pitz, 3rd Vice President.
 J. E. Thiel, 4th Vice President and Secretary.
 A. L. Nash, Treasurer.
 J. A. Egan, Asst. Treasurer.
 H. A. Meyer, Purchasing Agent.
 A. P. Rankin, Chief Engineer.
 A. L. Pitz, General Superintendent.
 J. D. West, Machine Shop Superintendent.
 J. J. Norris, Boiler Works Superintendent.
 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 11th Ave., West Duluth, Minn.

A. W. Leraan, President.
 A. W. King, Vice President.
 John Geistman, Secretary-Treasurer and General Manager.
 M. Malmros, Naval Architect.
 Swan Larson, Superintendent.
 R. Saeger, Purchasing Agent.
 REPAIR FACILITIES: Hull and engine.
 BUILDING BERTHS: Two; 300 feet.
 DRY DOCK: Floating, 1500 ton.

A. B. McLean & Sons

Brock Street Dock
 Sault Ste. Marie, Ontario

Capt. R. A. and John McLean, Managers.

REPAIR FACILITIES: Machine shop. Air compressors. Electric arc welding outfit, etc. for making complete repairs to hulls, engines; boilers and auxiliary machinery.

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Howard Johnson, General Manager.

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.

R. M. Wolvin, President.

J. S. Leitch, Vice President.

G. F. McDougall, Manager and Secretary-Treasurer.

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

H. W. Walton, Shipyard Superintendent.

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

BUILDING BERTHS: Two, 650' long.

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

Sturgeon Bay Shipbuilding & Dry Dock Co.

Sturgeon Bay, Wis.

Capt. John Roen, President.

William J. Walter, Secretary and Treasurer.

Paul H. MacNeil, Superintendent.

John H. Peterson, Naval Architect.

BUILDING BERTHS: Three.

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Self-Unloaders	Barges
Car-Ferries	Tugs
Suction Dredges	Car Floats
Pleasure Yachts	Pontoons
Fire Boats	Boilers
Marine Engines	Marine Aux. equipment

Complete docking and repair facilities

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No. 2—70.
No. 3—200.
MARINE RAILWAY: 100 ft.

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General Offices,
2245-2357 Front St.,
Toledo, O.

- F. B. Hufnagel, Chairman of Board.
J. Burton Ayers, President and Treasurer.
M. M. Wilkinson, Vice President and General Manager.
C. V. Romstadt, Secretary and Assistant Treasurer.
J. F. Rawlinson, General Superintendent.
W. F. Powers, Naval Architect.
J. O. Crafts, Chief Engineer.
C. J. Woelfel, Chief Draftsman, Hull Department.

REPAIR FACILITIES: Complete facilities for building and repairing all kinds of steel vessels, engines, boilers and auxiliary machinery including machine shop, boiler shop, sheet metal shop, electric shop, pipe shop, joiner shop, pattern shop, foundry, gantry cranes, locomotive cranes, crawler cranes, shear legs, etc.

FLOATING REPAIR EQUIPMENT: Launch and work scows equipped with air compressor, electric welding equipment, and other equipment as required.

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

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

GENERAL: Carries complete stock of material and parts required in ordinary repairs or replacements.

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ASHTABULA, O.

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BUFFALO, N. Y.

Attorneys at Law—BROWN, ELY & RICHARDS, Attorneys at Law, 1317 Chamber of Commerce. Telephone, Washington 5961.

Boilers—NICHOLSON & HALL BOILER & WELDING CORP. Office—174 Ohio St. Boilers, Tanks and Stacks Repaired. All kinds of Electric Welding. Marine work a specialty. Phone: WASHINGTON 3500.

Boilers—OLDMAN BOILER WORKS, INC., 32-42 Illinois St. Marine work a specialty. Electric welding. Boiler Repairing, day or night. Phone: CLEVELAND 0932; Night Phones: ABBOTT 0418-J, DELAWARE 5903, or DELAWARE 2917.

Boilers—TASHENBERG BROS. BOILER WORKS, 43-47 Illinois St. Office phone: CLEVELAND 1307. Marine work our specialty. Electric Welding and Air Plant. Day and night service.

Galley Repairs—FARRELL & CURRY, 70 S. Park Ave., marine ranges, galley sinks. Water tanks, stainless steel work tables, ventilator cowls, etc. Phone CLEVELAND 2506.

Groceries—GUNN, P. J., 54-60 Michigan Ave., Corner Elk St. Groceries and Marine Supplies. Phone Washington 1189. Night Phone TRIANGLE 0779.

Meats—GEHM, JOHN, 27 Elk Market Terminal. Dealer in choice meats of all kinds. Phone: CL 1204.

Packing—ANCHOR PACKING CO., THE, 67 Andrews Bldg. Phone: Seneca 5258.

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