

The Great Lakes RED BOOK—1951

48th EDITION

The Great Lakes

RED BOOK

1951

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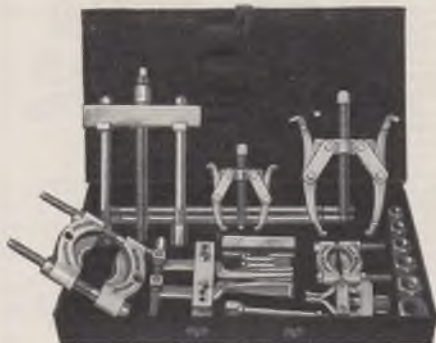
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Renvoyle	26	Sandcaptain	49A
Resolute	166	Sandchief	49A
Reynolds, Walter B.	83	Sandmate	49A
Rhode Island	78	Sandpilot	49A
Richards, John B.	197	Sandra	204
Richardson, W. C.	143	San-Mar	162
Richelieu	26	Saracen	92
Rickey, James W.	168	Saskadoc	146
Rival	175	Saskatoon	26
Rivershell (nee Peter G. Campbell)	172	Sault-on-Mouton	160
Robinson, C. S.	150	Sault Ste. Marie	193
		Saunders Jr., E. N.	130

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Vessel	Fleet No.	Vessel	Fleet No.
Saurel, Capt.	116	Simcoe	26
Savannah	194	Simcoe, Miss	189
Schiller, Wm. B.	152	Sinaloa	16
Schlaeger, Victor L.	39	Skipper M.	122
Schneider, Cletus	170	Sloan, George A.	152
Schneider, Pam	170	Smeaton, John	90
Schoellkopf, Jr., J. F.	16	Smith, Edmund P.	16
Schoonmaker, Col. J.		Smith, Helga	145
M.	173	Smith, Huribut W.	77
Schwab, Charles M.	150	Smith, L. P.	74
Schwartz, K. V.	171	Smith, Lyman C.	77
Scobell, Jos. S.	64	Snyder, Jr., W. P.	173
Scotiadoc	146	Sonora	140
Scout	74	Soodoc	146
Seafarer	7	Soreldoc	146
Secord, Capt. C. D.	134	Soulanges	28
Selkirk	26	South American	38
Sellwood, Joseph	150	South Shore	131
Sensibar, J. R.	143	Southcliffe Hall	83
Serre, Sherman H.	126	Soutouriski	180
Service	5	Sprinkle, J. R.	202
Seubert, Edward G.	179	Sprey	7
Seymour W.	76	Sprucebranch	116
Shamrock	125	Stackhouse, Powell	14
Shasta	20	Stadacona	26
Shaughnessy, Sir		Standard Portland	
Thomas	134	Cement	16
Shaugraun	61	Stanley	194
Shaun Rhue	61	Stanley, Robt. C.	152
Shaw, Howard L.	197	Stanton, John	90
Shaw, Lawrence H.	75	Starbuck	154
Shawanaga	27	Starmount	26
Sheadle, J. H.	44	Steel Derrick Scow	67
Shelter Bay	159	Steel King	140
Shenango	173	Steelton	14
Sherman VI	61	Steinbrenner, Henry	180
Sherwin, John	150	Stella B.	202
Shiercliffe Hall	83	Stephenson, Geo.	90
Shiras, MacGilvray	180	Sternecliffe Hall	83
Shuniah	153	Stewart, Graeme	175
Sid, Jr.	5	Stewart, James	197
Sidney M.	122	Stewart, Robert W.	179
Sierra	143	Stifel, Wm. F.	143
Signeborg	145	Stokes, Henry	123
Siljan	181	Stone, Amasa	150
Simard, Capt.	116	Stover, John R.	36

Vessel	Fleet No.	Vessel	Fleet No.
Straits of Mackinac	129	Tombs, Ethel	186
Strathbogie	2	Tomlinson, G. A.	90
Strathmore	196	Torsholm	181
Sullivan Brothers	68	Townsend, E. Y.	14
Sullivan, J. J.	90	Transbay	191
Sullivan, M.	126	Transinland	191
Sulphite	58	Translake	191
Sultana	140	Transriver	191
Sumatra	187	Transtream	191
Superior	78	Traveller	27
Superior	142	Traverse City Socony	176
Supertest	151	Trent	28
Supreme	82	Trillium	189
Svanefjell	79	Trimble, Richard	152
Sweden	77	Troisdock	146
Swederope	58	Trout, Chas. E.	74
Sycamore	193	Two Rivers	195
Sykes, Wilfred	90		
Sylvania	187		
		U	
		U. S. Gypsum	16
		Upson, Andrew S.	90
		Upson, J. E.	205
		Utah	78
		V	
		Valley Camp	198
		Van Oranje,	
		Prins Willem	145
		Vandoc	146
		Venus	16
		Vercheres	28
		Vermont	78
		Verona	150
		Veslefjell	79
		Victorious	197
		Vigilant	56
		Vigilant	89
		Vigor	183
		Virginia	78
		Virginia, Joan	191
		Voorhees, Enders M.	152
		W	
		Wabash	8
		Wahcondah	1
		Wallace, James C.	150

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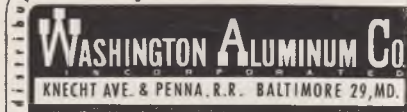


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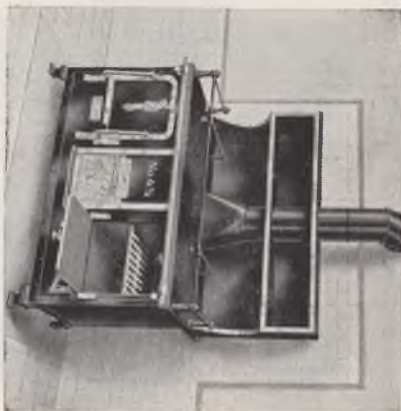


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OWNERS, MASTERS AND ENGINEERS OF LAKE VESSELS

Unless otherwise designated, all vessels are steamers. M. V. denotes motor vessels. Figures after bulk freighters are, in order, keel length, beam, depth, hatches, and gross tons carrying capacity at 20-foot draft. Tonnage figures for other vessels are their capacity loading, in gross tons. In personnel, name of captain is given first, and chief engineer second. Asterisk indicates carryover of 1950 appointments, no response having been received to questionnaire for 1951.

Vessel	Captain	Chief Engineer
1 Abitibi Navigation Co. Ltd., 408 University Ave., Toronto (2), Ont. J. O. McKerron, General Traffic Manager		
Wahcondah	J. R. Montgomery	L. G. Morton
2 Abitibi Power & Paper Co. Ltd., Woods Dept., P.O. Box 370, Port Arthur, Ont. F. L. Stevens, Assistant Divisional Woods Manager		
Gokl (m.v.)	R. Spooner	W. Mattice
Kam (m.v.)	R. L. MacVittie	W. E. Monkhouse
Nipigon (m.v.)	G. D. Martin	S. Dennis
Orient Bay (m.v.)	W. E. Toner	A. Fraser
Strathbogie (tug)	W. J. Charlton	C. Keleher

<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
	At Sault Ste. Marie, Ont.	
	J. W. Alexander, Towing Superintendent	
Abitibi (m.v.)	Gilbert Harris	Louis Lapointe
Magpie (m.v.)	Fred Harrison	Fred Lenis

**3 Algoma Central & Hudson Bay Railway Co., Sault Ste. Marie, Ont.
(Owner and Operator)**

G. H. Shanks, Superintendent Steamship Line

Algocen	504-54-30 9,800	M. A. Livingstone	B. T. Myler
Algorail	346-48-28 5,500	Chas. T. Beatty	H. J. Reid
Algosoo	346-48-28 5,500	A. H. Blackwell	John McConnell
Algosteel	480-52-30 8,500	M. A. Lougheed	S. H. Wheeler
Algoway	356-50-28 6,000	James A. Sykes	Verne Willis

4* Alhouez Marine Supply Co. Inc., E. 3815-17 Itasca St., Superior, Wis.

Barbara Ann	K. J. Parenteau
Carrol Jenn	J. Trianoske

**5 American Ship Building Co., The, Foot of W. 54th St., N.W., (Cleveland 2,
(Owner and Operator)**

W. H. Gerhauser, President
No appointments made

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At Chicago: Motor launches ASB2, Chicago Ship No. 1, Chicago Ship No. 3,
Chicago Ship No. 5, Repair steamer Robert J. Close
At Lorain: Motor launches, Cleveland Ship and Sid, Jr.
At Toledo: Motor launch Am.-ship; repair scow American.

American Steamship Co. (See Fleet No. 16)

**6 American Steel & Wire Co., Rockefeller Bldg., Cleveland 13
(Owner and Operator)**

E. R. Cassidy, Manager Lake Transport Division

Clifford F. Hood	John G. Woerpel	John H. Rathbun
------------------------	-----------------------	-----------------

7 American Tug & Transit Co., 612 Clairmont St., Port Huron, Mich.

(Owner and Operator)

E. S. Lindsay, President

Sprey (diesel tug)
Seafarer (gas screw tug)

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

C. L. Herring, Marine Superintendent

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

Ann Arbor No. 3	C. D. Bishop	H. M. Walkley
Ann Arbor No. 5	M. G. Roen	G. H. Watson
Ann Arbor No. 6	W. G. Beaucock	H. T. Jeffs
Ann Arbor No. 7	G. T. Gabrielsen	M. J. Dahlgren
Wabash	A. A. Straubel	W. R. Benson

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

O. W. Lang, President

Algolah II	Wm. F. Schepler	Evart Powers
Chippewa (m.v.)		
Mackinac Islander	Louis Strahan	Wm. Peterson
Ottawa	Edward Couchois	R. O'Brien

Vessel	Captain	Chief Engineer
10	Ashley & Dustin Steamer Line, Foot of Bates St., Detroit	
	Nicholas M. Constans, President and General Manager	
Put-In-Bay (passenger)	Chas. Anderson	J. Williams

11	Bay Transportation Co., The, Sandusky, O. (Owner and Operator)	
	W. A. Hiles, President; B. G. Zeiher, Secretary	
G. A. Boeckling	Otto Wyss	

Bayfax Steamships Ltd. (See Fleet No. 46)

12	Bayswater Shipping Ltd., Brockville, Ont.	
	(Owner and Operator)	
	G. M. Davidson, Managing Director	
Bayanna	Donald MacRitchie	William D. Adam
Str. George S. Cleet	T. W. Adam	Thos. L. Hayes

13*	Beaconsfield Steamships Limited, 635 Common St., Montreal, Que.	
	G. A. Campbell, President	
Mohawk Deer	H. Finn	H. Bastian
Redcloud	B. Jarvis	H. Eldrup
Redfern	A. Mallette	L. Jones
Redriver	R. Mallette	F. Oakley
Redwood	R. W. Watt	B. Blom
Wm. C. Warren	J. J. Mailhot	E. Warner

14 Bethlehem Transportation Corp., 2600 Terminal Tower, Cleveland 13 (Operator)
G. V. Evans, Manager; A. H. Amhaus, Fleet Engineer

Bethlehem	580-60-32	12	12,100	Charles Lindsay	Thomas Griffiths
Cambria	504-54-30	24	9,400	John Sagen	Clifford L. Cheney
W. H. Donner	504-54-30	24	9,400	J. Kenneth Pruder	Oscar Anderson
L. C. Hanna	504-54-30	24	9,400	A. P. Goodrow	Raymond E. Wells
Lackawanna	530-56-31	12	10,200	Robert A. Sinclair	Rolla A. Marcy
Lebanon	530-56-31	12	10,200	Edward J. McGarry	Charles E. Cox
Lehigh	605-60-35	24	12,000	Wilfred Couture	James L. Meinke
Maryland	530-56-31	12	10,200	Edward Goff	Anthony Yokawonis
D. J. Morrell	580-58-32	24	11,300	G. J. Brunelle	Valentine Kraemer
Powell Stackhouse	504-50-30	24	9,400	Alfred G. Revenew	Olaf Lovaas
Steulton	605-60-35	24	12,000	Jere B. Sullivan	Sigurd K. Ramberg
E. Y. Townsend	580-58-32	24	11,300	B. W. Brabander	F. Edward Beger
Leetsdale	396-45-28	24	5,800	Henry J. Daly	Peter F. Balcer
(nee W. D. Rees)					
WilliamSPORT	380-50-28	12	6,700	Edward P. Fitch	Henry Balcer
(nee J.H. Macoubrey)					

14a Blue Water Shipping Co. Ltd., P.O. Box 922, St. John's, Newfoundland
(Owner and Operator)
W. S. Monroe, President

Zebrula	168-32'5"-14'-3"	2	C. W. Gillett.....	Albert Pittman
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15 Bob-Lo Co., General Office, 6400 Wight St., Detroit 7 (Owner and Operator)

Columbia			Linwood R. Beattie	Dewayne Wade
Ste. Claire			George C. Wilkins	Robert I. Voce

<i>Vessel</i>			<i>Captain</i>	<i>Chief Engineer</i>
16 Boland & Cornelius, Marine Trust Building, Buffalo 3, N. Y. (Operator)				
	Howard C. Braun, Jr., Fleet Engineer; Capt. Patrick J. Healy, Fleet Captain American Steamship Co. (Owner)			
John J. Boland.....	480-52-30	12	9,000	Arnold Ellingsen.....John Berg
Consumers Power ..	504-56-30	12		Anthony Krause.....Henry Carlson
Adam E. Cornelius..	588-60-32	24	8,021	Harold Hanson.....Torsten Cand
Detroit Edison ..	475-52-28	24	7,200	Frank Monroe.....John Olshanski
Diamond Alkali ..	580-60-32	12		L. W. Goudie.....Louis Bundschuh
Dow Chemical ..	504-56-30	12		John Clague.....Harry Odell
Fontana ..	363-50-28	14		George Sweet.....Melvin Kerr
Norman J. Kopmeier	504-54-30	12		Albert Guddeck.....Frank Lull
George F. Rand.....	532-56-32	12		O. A. Toale.....Henry Gustafson
J. F. Schoellkopf, Jr.	532-56-30	12		Ray Laughlin.....Harry Visser
Sinaloa ..	423-50-28	18		George Himmler.....Lloyd Averill
Edmund P. Smith..	480-54-30	24	12,500	Martin McGuinn.....Elmer Morrison
Standard Portland Cement ..	444-56-28	24	8,500	Eldon Williamson.....Edwin Douglas
Thunder Bay Quarries ..	504-54-30	24		August Rapp.....Earl Jones
United States Gypsum ..	504-56-30	12		Harold Faller.....Robert Mangles
Harry Yates ..	444-56-28	24		William Hayes.....Joseph Zieger
Col. E. M. Young..	512-54-30	14	8,500	John Ross.....William Dugan
				Ore Steamship Co. (Owners)
Elba ..	428-52-28.5	3		Irwin Paulson.....Richard DeGroot

Lagonda ..	374-45-27	4		James Reid.....Robert Johnson
Venus ..	354-48-28	3		A. R. Tyrrell.....Michael Regan

17 Booth Fisheries Corp., Bayfield, Wis.				
Apostle Island ..				E. Hendrickson.....Clarence Chafe

18 Bradley Transportation Co., Rogers City, Mich. (Owner and Operator)				
(All vessels are self-unloaders)				
Carl D. Bradley ..	615-65-33			D. E. Nauts.....Charles Frederick
Calcite ..	416-54-29			Mark Haswell.....Norman Henderson
John G. Munson ..	530-60-32			Roland Bryan.....George Hoy
T. W. Robinson ..	566-60-32			Rolland Ursem.....R. G. Buehler
B. H. Taylor ..	530-60-32			Chris Swarts.....Thomas Suttle
W. F. White ..	530-60-31			Donald MacLeod.....Guy LaBounty

Branch Lines Limited (See Fleet No. 116)

19 Brockville & Morristown Ferry Co. Inc., P. O. Box 205, Morristown, N. Y.				
Frederich H. Kury, President				
Elmer W. Jones ..				Fred. Loveless.....Chas. Kohler
				Math. Farrell.....Gerald Stillwell

20 Brown & Co., Chamber of Commerce Bldg., Buffalo (Operator)				
J. C. Obersheimer, President				
Brown Steamship Co. (Owner)				
J. J. H. Brown ..	432-52-28	12	7,500	A. H. Dennis.....Fred Vleau
Jas. E. McAlpine ..	432-52-28	12	7,500	R. H. Russell.....William M. Dumont

<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
Shasta Steamship Company, Inc. (Owner)		
Shasta	380-50-28 6,300 H. Nielsen	Joseph Roche

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)

22 T. H. Browning Steamship Co. Inc., 6400 Wight St., Detroit 7
 T. H. Browning, President; M. R. Papworth, Marine Superintendent,
 H. L. Browning, Dispatcher

T. H. Browning ..	412-48-28	24	6,600	O. L. Duncanson	Edgar LeRoy
Fred L. Hewitt ..	416-50-28	24	7,300	G. W. Emig	C. E. Lindvall
Carl W. Meyers (nee Crescent City) ..	406-48-28	24	7,000	John Tonge	H. A. Shaw
D. A. Moloney ..	434-48-28	24	6,600	Joseph Wiepert	D. C. Babb

Buckeye Steamship Co. (See Fleet No. 90)

23 Buffalo, City of, Department of Fire, Buffalo
 Harold R. Becker, Commissioner of Fire

W. S. Grattan (steam fire tug) Patrick J. Mullane Martin J. Horan

24 Cadwell Marine Ltd., 602 Erie Ave., Niagara Falls, Ont.
 D. G. Bawtinheimer, President and Manager

C. W. Cadwell ..154-37-14'6" .. 1,000 Stanley GreigG. A. Kinchen

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

James Stoddart, Shore Engineer
 (Both vessels are self-unloaders)

Bulkarier	253-43-25	.....	T. H. Lighthall	Wilson L. Emrick
Cementkarrier (el.m.v.)	253-43-20	.....	H. H. Thorn	M. E. Fowler

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

N. J. Reoch, Operating Mgr., Montreal; P. S. Jaeger, Dist. Mgr., Cleveland
 Upper Lake Bulk Freighters

Ashcroft	524-62-28	..	9,250	Alex Wilson	A. J. O'Brien
Burlington .....	.....	.....	.....	G. O. Jamieson	E. G. Smith
Coverdale	638-67	..	.....	A. F. MacLennan	J. Douglas
Donnacona	604-59-28	..	10,580	J. W. Scarrow	F. Lumley
Gleneagles	582-60-28	..	10,000	P. Beatty	M. J. O'Brien
Goderich	480-54-26	..	7,500	E. A. George	A. V. Smith
Hagarty	536-58-27	..	8,800	R. Belcher	A. J. McChristie
Hochelaga	638-67	..	.....	T. S. Patterson	D. G. Pruder
Lemoyne	621-70-25	..	12,600	E. Griesbach	J. F. Henry
Prescott	494-50-24	..	7,500	G. C. Kirk	C. D. Tuck
Stadacona	582-60-28	..	10,100	W. H. Montgomery	W. J. Coburn
Westmount	536-58-27	..	8,900	A. Allen	M. M. Murphy

<i>Vessel</i>		<i>Captain</i>	<i>Chief Engineer</i>
Upper Lake Package Freighters			
Collingwood	386-50-23 .. 5,410	H. L. Beaton	F. B. Bonnell
Martian	346-48-24 24 5,300	R. Anderson	J. Neilon
Renvoyle		A. Francis	A. P. Norris

		<i>Self Unloading</i>	<i>Coal Carriers</i>
Coalhaven			E. Gow .. E. Ross
Collier			R. Drummond .. A. Zoskey
Glenelg			C. Armstrong .. D. Lockwood
Midland Prince			J. A. Glenn .. W. J. Nicholls
Osler			L. G. Bird .. A. E. Hardman

		<i>Package</i>	<i>Freighters</i>
Battleford		A. J. Story	H. McCoag
Beaverton		W. E. Kraus	F. H. Gilbert
Calgarian		V. A. Hill	R. Brooks
Canadian		C. J. Hall	L. R. Rousseau
City of Hamilton		J. P. Kimmery	W. T. Pitfield
City of Kingston		H. J. Clarke	R. G. Kelly
City of Montreal		N. Legault	J. B. Polding
City of Toronto		M. J. Corkey	C. A. Ross
City of Windsor		H. Laliberte	P. D. Quinn
Edmonton		L. Mallard	R. D. Couper
Fernie		J. A. Ferguson	P. J. Rutherford
Kenora		J. Howe	H. R. J. Canning
Lethbridge		W. Smith	K. Buchanan

Saskatoon		E. O'Shaughnessy	G. R. Profit
Selkirk		G. S. Ward	W. E. Downing
Weyburn		J. A. Lepine	J. A. Adams
Winnipeg		P. Morinville	A. E. House

Lower Lake Bulk Freighters

Acadian		S. Wilkinson	H. Glendillen
Barrie		J. R. Lamarre	O. Peloquin
Elgin		J. R. G. Toupin	M. R. Dunham
Fairmount		J. Lacroix	I. McCutcheon
Grainmotor		O. Pregent	W. Lander
Hastings		H. D. Miller	E. Laroche
Kinmount		G. Lefebvre	A. Mondor
Mapleheath		W. G. Tomlinson	W. J. Collie
Meaford		S. St. Onge	J. A. Robillard
Penetang		F. Fortin	W. P. O'Grady
Simcoe		A. L. Huston	G. Laroche
Starmount		O. Cromwell	R. Gibson
Teakbay		A. Wilson	P. Marchand

Eastern Division Passenger Steamers

Richelieu		C. A. Bodensieck	G. Bourret
St. Lawrence		C. H. Burch	O. Peloquin
Tadoussac		A. Delage	N. Crepeau

Western Division Passenger Steamers

Cayuga		J. D. Strachan	D. J. Pollard
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<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
27 Canadian Dredge & Dock Co. Ltd., 302 Harbour Commission Bldg., Toronto, Ont. (Owner and Operator) A. M. German, General Manager		
J. A. Cornett	Arthur Paquet	Lawrence Blundell
Frank Dixon	J. S. Bell	Chas. Lymburner
A. M. German	J. W. Hand	Mathew Ryckman
Helen S	Chas. Malcolm	Robert Orford
A. M. Macaulay	H. C. Wingrove	Fred Chester
Minnacog	William Oates	John Glover
G. W. Rogers	Henry Gehl	John J. Allen
Shawanaga	Gordon Baker	H. A. Martell
Traveller	A. M. Gowar	Michael Comeau
28 Canadian Government, Department of Transport, Ottawa, Ontario. (Owner and Operator) Marine Services H. V. Anderson, Director		
Out of Prescott:		
Grenville	R. O. Morphet	J. W. Chretien
Out of Montreal:		
Argenteuil	Thos. W. Weir	Jos. Ranger
Safeguarder	D. Lemay	G. Robidoux
Vercheres	Romero Perron	Jos. Joly
Out of Quebec:		
Chesterfield	Oscar Mercier	J. C. Lavoie
Lady Grey	A. Caron	J. Lachance
Lanoraie II	L. Blais	F. Laroche
N. B. McLean	C. A. Caron	Omer Barbeau
Out of Parry Sound:		
St. Heliers	J. C. Parchell	R. Stewart
C. P. Edwards	G. B. Dube	G. W. Smallwood
	St. Lawrence Ship Channel Service	
	F. S. Jones—Chief Engineer	
Out of Sorel:		
Berthier	Vincent LaForest	L. Salvail
Frontenac	H. Mercier	Chas. Braconnier
Out of Quebec:		
Ernest Lapointe	Robert Marchand	George Audet
Detector	Albert Vezina	A. Cossette
	Canal Services	
	C. W. West—Director	
	(all are tugs)	
At Montreal:		
Soulanges	L. Lacouture	Lucien Houde
A. L. Killaly	J. L. M. Gagne	Albert Desjardins
At Cascades Point:		
Long Sault	L. H. Caza	W. Thauvette
At Cornwall:		
W. A. Bowden	L. McLatchie	H. I. Myers
At Port Weller:		
Jalobert	Gordon T. Baker	W. E. Murphy
Lavolette	James Millar	G. E. Dawson

<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
At Sault Ste. Marie: Tanac-V-222	W. L. Kent	T. G. Marshall
At Peterborough: Trent	H. J. Young	(to be recruited)
At Ottawa: Agnes P.	B. Ranger	J. O'Neil
Loretta	M. Egan	O. Seguin

29 **Canadian Hydrographic Service, Ottawa, Ont.**
K. J. Fraser, Dominion Hydrographer

Bayfield (survey launch) No appointments

30* **Canadian National Railways, Windsor, Ont. (Owner and Operator)**
Mr. N. A. Walford, General Superintendent, Toronto, Ontario

Lansdowne (car ferry)	M. S. Nelson	W. J. Craig
	N. Saad	Archibald McArthur
	G. E. Reid	A. T. Burton
Huron (car ferry)		

Canadian Oil Companies Limited (See Fleet No. 174)

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

Frank W. Durbule, Manager

Prescotont (tug)	J. D. Major	V. Payzant
Ogdensburg (car ferry)	J. D. Major	V. Payzant

32 **Canadian Pacific Railway Co., Port McNicoll, Ont. (Owner and Operator)**
S. F. Malin, Superintendent Great Lakes Steamships

Assinibola	J. R. Stewart	J. M. Moses
Keewatin	R. Jarman	W. F. Irvine

33 **Candler Dock & Dredge Co., 8145 Medina St., Detroit (Operator)**
Thomas E. Candler, Manager

Birmco (diesel tug)	Johan Martenson	
Dough Boy (derrick scow)		
Crescent (derrick scow)		
Maco (diesel tug)		
MC-1 (barge)		
MC-2 (barge)		
R-25 (derrick scow)		
B. E. West (diesel tug)	Harry Jacobsen	Charles Allison

34 **Cargo Carriers, Inc., Rockefeller Bldg., Cleveland 13**
R. P. Berkey, Vice President

Carport (tug)		
G-1 (barge)	309-43-21	3,400

35 **Cement Transit Co., 1000 Midland Bldg., Cleveland 15 (Owner and Operator)**

P. G. Dawson, Vice Pres. & Treas, Cleveland office

J. V. Dailey, Shore Superintendent, c/o Manitowoc
Portland Cement Co., Manitowoc, Wisc.

J. B. John (m.v.) (nee Daniel McCool)	144-33-15		H. J. Delatre	Mace Gordon
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<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
36	Charlevoix County Charlevoix, Mich.	
Charlevoix (ferry)	Alfred A. Gill, Chief Ferryman	

37 **Chesapeake & Ohio Railway Co., The, General Motors Bldg., Detroit**
(Owner and Operator)

L. H. Kent, Superintendent of Steamships
(All vessels are car ferries)

City of Midland 41	John Asuma	Sylvester Larsen
City of Flint 32	B. A. Robertson	Chas. Coyle
City of Saginaw 31	H. A. Altschwager	Floyd Fay
Pere Marquette 22	E. R. Schmeling	Herbert Brokstad
Pere Marquette 21	Bernard Rotta	Anton Nielsen
Pere Marquette 18	Harold Larson	Hugh Baechler
Pere Marquette 14	Westley Palmer	Lyle Mitchell
Pere Marquette 12	Eric Eklund	M. Galerno
Pere Marquette 10	Thomas A. Brown	Ezra Paulson

38 **Chicago, Duluth & Georgian Bay Transit Co., 1614 Ford Bldg., Detroit 26**
(Owner and Operator)

W. A. Lucking, President; E. J. Goebel, Executive Vice President

North American (passenger)	George W. Durham ..	Thos. F. Fitzpatrick
South American (passenger)	J. Oscar Spjut	C. T. Vermurlen
Alabama	Not in operation	

39 **Chicago Fire Department, City Hall, Chicago**

Fred A. Busse (fireboat)	Frank J. Rauscher	John J. Julian Nels M. Kalhovde
Joseph Medill (fireboat)	Lawrence P. O'Shea ..	Osmand T. Farsjo Andrew Gallagher Henry S. Miller
Victor L. Schlaeger (fireboat)	George M. Lathom ...	Lester D. Bruszer Fred E. Delaney Wm. J. Moore

40 **(Christiansen, H., & Sons, Duluth 2, Minn.**

Detroit (m.v.)65'-21'-5'	Andrew Jorgenson	Harvey Hoopman
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41* **Clair Transit Co., Wyandotte, Mich. (Owner and Operator)**

Capt. M. S. Brewer, President; Joseph A. Gage, Manager

Gag Screw Stmr. 13.-West...100-20-6'2"	Joseph A. Gage	James Coates
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42 **Clark's Towing Co., Div. Petco Corp., 8530 W. National Ave., Milwaukee 14**
(Owner and Operator)

Emort T. Clark, President; N. Paine, General Manager

Milwaukee (tug)	Unassigned
Petco #5 (tanker barge).....	Unassigned
John Roen (tug)	Unassigned
Roger (tug)	Unassigned
Welcome (tug)	Unassigned

<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
43* Cleveland & Buffalo Steamship Co., 333 N. Michigan Ave., Chicago 1		
	H. G. Dase, General Manager	
City of Grand Rapids	H. J. Delatre	John Golden
Theodore Roosevelt	Not in commission	

44 Cleveland Cliffs Iron Co., The, 14th Floor, Union Commerce Bldg., Cleveland 14
(Operator)

H. L. Gobeille, Manager Marine Department				
J. L. Horton, Marine Superintendent; J. H. Durkin, Fleet Engineer.				
Angeline	414-50-28	24 6,800	R. E. Lowry	D. Currie
Cadillac	604-60-35	24 12,000	W. F. Amsbary	Frank Sheppard
Champlain	604-60-35	24 12,000	J. G. Olsen	E. C. Ahrens
Cliffs Victory	596-62-38	24 11,500	C. R. Gallagher	Carl Haas
Frontenac	580-60-32	24 11,700	C. N. Bedell	Matt Kuntz
Grand Island	480-52-30	24 8,500	T. E. O'Leary	Roy Laird
Hennepin	504-54-30	12 9,200	S. C. Koontz	Wm. Riordan
Ishpeming	530-56-31	12 10,000	R. H. Edgerton	R. Douglas
Joliet	504-54-30	24 9,200	F. A. Brytz	M. Thompson
LaSalle	530-56-31	12 10,000	J. I. Doud	S. Kouchnerkovich
Marquette	420-50-28	24 7,000	J. A. Mitchell	John Volanski
Wm. G. Mather	592-62-32	24 12,000	A. J. Rathbun	A. T. Ahrens
Michigan	530-56-31	12 10,000	J. A. McDermid	Wm. Cooper
Pioneer	504-54-30	12 9,200	E. J. Scott	Chas. Hanlon
Pontiac	580-60-32	24 12,000	F. J. Riedy	P. J. Stipek
Presque Isle	406-50-28	24 6,500	C. V. Jilbert	S. Melanson

J. H. Sheadle	513-60-31	12 10,300	J. M. Campbell	Carl Simmons
Peter White	504-54-30	12 9,200	L. R. Fraser	Jos. Rose

Maritime Administration

Chacornac	380-50-28	24 6,000	F. E. Newton	Leo Sheridan
Colonel	360-50-28	24 5,800	W. D. Cheney	Geo. H. Taylor
Munising	380-50-28	24 6,000	E. Knudsen	John Holman
Negaunee	380-50-28	24 6,000	M. P. Ten Eyck	Roy Bannister
Yosemite	360-50-28	24 5,800	D. M. Logie	L. C. Jacobson

Cleveland-Cliffs Steamship Co. (See Fleet No. 44)

45 Cleveland Tankers, Inc., Standard Building, Cleveland 13
(Owner and Operator)

Capt. L. M. Jonassen, President; William Klaas, Marine Superintendent

Comet	R. B. Robbins	R. J. Karol
Meteor	F. A. Bollin	C. B. Radlike
Orion (tanker)	H. Gregg	B. H. Carley
Polaris (m.s.)	N. Rosendahl	R. Rozinska
Rocket	J. B. Oliver	N. McCanna
Taurus	D. King	C. Leiching

46 Coal Carriers Corp. Ltd., P.O. Box 157, Brockville, Ont.

W. F. Fletcher, President

Coalfax	L. McCartney	M. Murray
Bayfax Steamships Ltd.		
Bayfax	C. R. Randle Jr.	A. G. Williams

<i>Vessel</i>		<i>Captain</i>	<i>Chief Engineer</i>
46A Colonial Steamships Ltd., West St., Port Colborne, Ont. (Owner and Operator)			
Scott Misener, Gen. Mgr.; John O. McKellar, Fleet Supt. and Engr.			
Bayton	416-50-29 ..	7,200	D. L. Wilson..... J. McCleverty
Viscount Bennett...	480-52-30 ..	10,000	C. H. Cole..... J. Finlay
Bramton	252-43-20 ..	3,300	E. S. Bailey..... C. C. Dunnett
F. H. Brown	252-42-21 ..	3,300	C. C. Harrison..... J. M. Walker
J. P. Burke	252-43-21 ..	3,300	T. O. Allison..... A. Donnelly
George M. Carl (nee Scott Misener) ..	252-43-20 ..	3,300	G. B. Albinson..... W. Crowley
Clayton	252-43-20 ..	3,300	C. Toupin..... J. Paterson
Easton	250-42-18 ..	3,000	Wm. Camsell..... F. W. Daggett
Everetton	468-52-30 ..	9,000	A. R. Rafuse..... E. J. Springthorpe
Donald F. Fawcett (nee Chemong) ..	252-42-21 ..	3,300	L. E. Pain..... M. G. Lavery
Clary Foran	252-43-20 ..	3,300	J. A. Austin..... W. J. McEwen
J. A. France	252-43-21 ..	3,300	R. O. Welland..... G. A. Begg
Walter Inkster ..	253-44-22 ..	3,300	E. Brown..... G. P. Sweetman
Laketon	416-50-28 ..	7,500	J. E. F. Misener..... R. M. Crawford
Paul Manion	252-43-21 ..	3,300	W. A. Stewart..... J. W. Campbell
Mathewston	530-58-32 ..	12,000	W. J. Lemcke..... A. McLaren
J. O. McKellar ..	252-43-20 ..	3,300	J. W. Sharpe..... N. George
J. N. McWatters ..	253-43-20 ..	3,300	I. R. Burns..... G. H. Tinley
Lt. J. Misener ..	253-43-21 ..	3,300	P. Tetrault..... H. Spencer
Ralph Misener ..	252-43-20 ..	3,300	J. Bowie..... A. Lyons
Scott Misener ..	636-68-35 ..	19	J. S. Walton..... V. Parker
E. P. Murphy	252-43-20 ..	3,300	A. G. McLean..... E. Carpenter
Queenston	252-43-20 ..	3,300	L. Crawford..... W. Cook

Royalton	536-58-32 ..	12,000	F. J. Brady..... D. Barclay
Frank Wilkinson ..	252-43-20 ..	3,300	C. E. Tully..... A. E. Hurst

Columbia Transportation Co. (See Fleet No. 143)

47	Connolly Bros., 159 Ohio St., Buffalo (Owner) M. C. Keene, President		
Connolly Bros. (launch)			J. Connolly

48	Consolidated Dredging Ltd., 54 Chestnut Park, Toronto 5, Ontario (Owner and Operator) W. R. Macdonald, President		
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Le Pluvier (tug)			W. Garvie..... L. Hill
Lisgar (tug)			J. Sinnott..... D. Feaver
Edward C. Whalen (tug) ..			A. E. Fader..... C. Harrison
R. M. Co. No. 10 (dredge) ..			D. M. Kentnor.....
M 105 (dredge)			W. R. Campbell.....
R. M. Co. No. 3 (drill boat) ..			Albert Ellis.....
M 104 (derrick)			B. Boehmower.....
H. C. M. No. 1 (derrick)* ..			L. Dunlop.....
(*Operators and Charterer)			
Whitby (derrick)			J. Hamilton.....

Consolidated Steamship Co. (See Fleet No. 187)

49	Consolidated Water Power & Paper Co., Wisconsin Rapids, Wis. Stanton W. Mead, President		
Butterfield			
(see also Fleet No. 139)			

<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
49A	Construction Aggregates Corp., 33 No. LaSalle St., Chicago	
	William Dawes, Marine Superintendent	
American	Lars Gunderson	
Robert E. Johnston (tug)		
Don M. Peebles (tug)		
Sandcaptain	John Gusland	
Sandchief	Justaf Anderson	
Sandmate	Robert Ammon	
Sandpilot		

Continental Steamship Co. (See Fleet No. 187)

50	Crystal Beach Transit Co. Inc., Foot of Commercial St., Buffalo	
	(Owner and Operator)	
	George C. Hall, President; F. L. Hall, General Manager	
Canadiana (passenger)	William Malloy.....	George Hans

51	Cullen Transportation Co., Agents, Inc., 17 Battery Place, New York 4	
	Morton S. Bouchard, President; Frederick Bouchard, Marine Superintendent	
Buckeye State ....255-43'6"-18 5 1473		
Empire State ....254-43'6"-20 5 1692		

52	Cullnan & Walsh, 1909 Newport Ave., Chicago (Owner and Operator)	
	P. J. Cullnan, Port Captain	
Fred A. Britten (tug)	P. J. Cullnan.....	Robert Cullnan
Josephine (tug)	P. J. Cullnan, Jr.....	Wm. Nicholas

53	Davie Transportation Ltd., 1111 Beaver Hall Hill, Montreal 1, Que.	
	(Owner and Operator)	
	Guy Tombs, President; L. C. Tombs, Vice-President; P. L. Markey, Marine Supt.	
A C D (m.v.)	Andre Beaudet.....	Leopold Guay
G D D (m.v.)	Lucien Marcotte.....	Ewart Welsh
G T D (m.v.)	Henri Laliberte.....	Gerard Cote

54	Detroit, City of, Fire Department, 3434 Russell St., Detroit	
	Alex W. Henrion, Chief of Apparatus & H. P.	
John Kendall (fire tug)	Hugh A. MacFayden....	Harold Krieger
	Morgan Sutherland.....	Albert Cooke

55*	Detroit & Cleveland Navigation Co., Wayne St., Detroit	
	(Owner and Operator)	
	George J. Kolowich, President	
City of Cleveland III	R. J. Kiessling....	Campbell McCormick
City of Detroit III	Donald MacRae.....	Otto Kuck
Greater Detroit	L. C. Mantel.....	Edward Grobosky
Eastern States	J. B. McCullough.....	W. H. Traxler
Western States	John Redman.....	J. L. Nattress
J. P. Wells	Ealon Cohours.....	Thos. Quigley

56	Diamond Steamship Company Ltd., The, Owen Sound, Ont.	
	(Owner and Operator)	
	R. B. Beatty, Accountant	
Blanche Hindman	L. S. MacIntyre.....	Herb Fitzpatrick
George Hindman	George G. Henderson.....	Wm. Dixon

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<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
Helen Hindman	J. M. Watson.....	Haig Glover
Howard Hindman	Charles McKaig	Walter Lambert
Racey (tug)	Harold Size.....	Not operating as yet
Northern (tug)		
Vigilant (barge)	L. McCombe.....	

57 Dominion & Owen Sound Transportation Co. Ltd., 1101 First Ave., West Owen Sound, Ont.

Ivor Wagner, President; W. W. Barnard, Vice President

Norgoma	R. Morrison	Wm. Owens
Norisle	O. S. Long.....	E. Gibson
Normac (m.v.)	H. G. McNeil.....	Geo. Webster

58 Driftwood Lands & Timber Limited, 510 Queen Street East, Sault Ste. Marie, Ont. (Owner and Operator)

W. H. Nasi, General Manager

Delkote (barge)	J. E. Greenway.....	Maurice Gosgrave
Mitschfibre (barge)	M. Balyk.....	Elmer Buzzle
Sulphite (tug)	Harry Anderson.....	Norman McDonald
Swederope (barge)	Anthony Luski.....	George Handson

59 Duluth, Missabe & Iron Range Railway Co., Duluth 2 (Owner and Operator)

P. H. Van Haven, President

Edna G. (tug)	H. A. Johnson	William Hill
	J. Pinney.....	E. H. Ojard
	A. S. Branscombe	Lauri O. Jarvi

Duluth Steamship Co. (See Fleet No. 187)

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

R. M. Knox, President

Gladiator (tug)	Winslow Randall.....	Albert Miller
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61 Dunbar & Sullivan Dredging Co., 2312 Buhl Bldg., Detroit (Owner and Operator)

E. A. Koonmen, Vice President and Secretary

R. H. Goode (tug)	No appointments made
Wm. R. Panton (tug)	No appointments made
Sachem (tug)	No appointments made
Shaughraun (tug)	No appointments made
Shaun Rhue (tug)	No appointments made
Sherman VI (tug)	No appointments made

The Eastern Steamship Co. (See Fleet No. 85)

Ecorse Transit Co. (See Fleet No. 140)

62 Emery, W. L., Co., Foot of Mt. Elliott Ave., Detroit 7 (Owner and Operator)

John R. Emery, Manager

John R. Emery	L. E. Gundry.....	Leon Bourlier
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64 Erie Sand and Gravel Co., Foot of Sassafras St., Erie, Pa. (Operator)

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

Erie Sand Steamship Co. (Owner)

Erie	Not in commission	
F. C. Osborn	Sherman Bernard.....	George Bacon
Jos. S. Scobell	Fred Mastine.....	Fred Matson

Erie Sand Steamship Co. (See Fleet No. 64)

<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
65 Fitz Simmons & Connell Dredge & Dock Co., 10 So. La Salle St., Chicago (Owner and Operator) John J. Roche, General Superintendent		
F. H. Camphausen (diesel tug)	Fred Knutsen.....	
Charles J. Connell (tug)	W. Campbell.....	J. Danielson
Frances M. Connell (diesel tug)	J. Dalton.....	
P. G. Connell Jr. (diesel tug)	Jerome Bartley	
E. James Fueck (tug)		P. Plant
Nassau (sand boat)		
John J. Roche (tug)	J. Eskeland	H. L. Ferry
Fjell Line (See Fleet No. 79)		
66 Ford Motor Co., Rouge Plant, Dearborn, Mich. (Owner and Operator) N. J. Ahrens, Marine Superintendent		
Benson Ford (m.v.) 586-62-32 18 11,750	B. Olsen.....	M. Mikolic
Henry Ford II (m.v.) 592-62-32 18 12,000	J. J. Pearce.....	E. Burkey
Gallagher, B. J., Escanaba, Mich.		
Bee Jay (tug)		
Menasha (tug)		
Neenah (tug)		
Steel Derrick Scow		
68 Gartland Steamship Co., 208 S. LaSalle St., Chicago (Operator) Gartland Steamship Co., Wilmington, Del. (Owner)		
W. E. Fitzgerald	Albert LaBlanc.....	John Rosenberg
Sullivan Brothers	Henry M. Murray	Charles Keul
Frank E. Taplin ..427-52-28 23 7,400	Elmer Auspsetter.....	John K. Leahy
Wm. H. Wolf.	Elmer Weborg.....	Fred J. Harmon
69 Gayport Shipping Limited, 26 Front St., East, Toronto 1, Ont. (Owner and Operator) R. Fred Porter, Jr., President		
Britamlube	W. F. Garrett.....	R. Coward
Britamoco	C. O. Sensabaugh.....	J. W. Barclay
Britamoil	B. J. Zink.....	P. Bechervaise
Britamolene	J. Scullion.....	W. D. McCann
Heathdale Agencies, Ltd. (Owner)		
Blue Cross (m.v.)	Bert Hughes.....	H. Eldrup
Mexoil	W. A. MacMillan.....	R. Lashmar
70 Georgian Bay Tourist and Steamships, Ltd., Penetang, Ont. W. D. Hunter, President; P. Robitaille, General Manager		
City of Dover	Henry Martin.....	J. Martin
Midland City (m.v.)	Wilfred Martin.....	A. Packwood
Waterbus (m.v.)		
71 Gillen, Edward E. Towing Co., 626 E. Wisconsin Ave., Milwaukee (Owner and Operator)		
Ernest E. Beauvals (tug)	John Lenz.....	
Edward E. Gillen (tug)	A. Jacobson	Henry Marth
Harbour I (tug)		

Globe Steamship Corp. (See Fleet No. 187)

Vessel

Captain

Chief Engineer

72 **Grand Trunk Milwaukee Car Ferry Co., 1825 S. Allis St., Milwaukee 7**
(Owner and Operator)

Frank W. McMullen, Resident Superintendent
 (All are car ferries)

Grand Rapids	Walter P. Dummer...	Joseph Shuntek
City of Milwaukee	Roland J. Martin...	Edward E. Smith
Madison	Ottmar A. Jahnke...	Jas. H. Mackenzie

73 **Gravel Products Co., 374 Delaware Ave., Buffalo 2**
(Owner and Operator)

E. M. Hammond, President and Manager

Niagara	Austin Somerton.....	Jas. Maddigan
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74 **Great Lakes Dredge & Dock Co., 122 S. Michigan Ave., Chicago**
(Owner and Operator)

Eugene K. Lydon, Executive Vice President
 The following are tugs:

John F. Cushing	R. E. Hughes	J. Casey
Samuel J. Dark	G. Horgen	T. Thompson
Paul W. Dickinson	W. Mattick.....	J. Nolan
James A. Dubbs	S. Barnard.....	O. Gregg
William P. Feeley	T. Small.....	A. Maebius
Andrew H. Green	T. Farrell.....	J. Hilton
Martin G. Hausler, Jr.	A. Jewell.....	M. Cross
George H. Jackson	N. Merrill.....	W. Whaley
William H. Kinch	W. Conway.....	F. Raines
William A. Lydon	A. Bishop	A. Smith
John A. McCormick	E. Boroughs.....	J. Lacey

Dr. Walter G. McGuire

Marion

Gen. E. M. Markham

Martha C.

Mary C.

Oscar F. Mayer

L. P. Smith

Chas. E. Trout

Harry B. Williams

J. McNamara..... J. Grady

T. Thompson..... H. Sprague

W. Farrell..... J. Healey

T. Stengel..... O. Nordquist

L. Bruszer..... E. Lemarb

J. McNamara..... J. Grady

J. Wilks..... T. Higgins

W. Angell..... E. Rodberg

W. Ullrich..... J. Colamara

The following are dredges:

Buffalo	G. Holdorf.....	D. Sheehan
Chicago	A. Richard.....	C. Peterson
Crest	F. Hunt.....	C. P. Sheltman
Illinois .....	.....	F. Brewer
Majestic	J. Frea	F. Schuyler
Michigan .....	.....	.....
Mogul	W. Parrish.....	J. Hoynesh
New York .....	.....	.....
Ohio .....	.....	.....
Scout .....	.....	.....
Toledo	George Keny.....	D. Montgomery
War Horse	O. Kutzner.....	M. Welsh
B-7	J. Canan.....	J. Prout
M-9	J. Koster.....	.....
No. 53 .....	.....	.....
No. 54	L. Larson.....	S. Lund
No. 55	J. Hoehnan.....	H. Marquette
No. 56	V. Jones.....	H. Krieg

12

19

Vessel

Captain

Chief Engineer

75 Great Lakes Lumber and Shipping Ltd., 133 N. May St., Fort Williams, Ont.
(Owner and Operator)

The following are tugs:

Abele (diesel electric)
W. E. Hunt
E. E. Johnson
Oscar Lehtinen
Marguerite W.
Lawrence H. Shaw

76 Great Lakes Paper Company Ltd., Woodlands Div., P.O. Box 430, Fort Williams,
Ontario

W. B. Southon, Woodlands Superintendent

Esther S (tug)
Glen G (tug)
Seymour W (tug)

77 Great Lakes Steamship Co. Inc., 1542 Rockefeller Bldg., Cleveland 13
(Owner and Operator)

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

J. Burton Ayers	....605-60-35	24	12,000	Charles Gonyaw	.....Walter Hansen
John B. Cowle	....525-58-31	24	10,400	Robert J. Grekowitz	....Fred R. Antons
Denmark	....440-56-28	12	8,300	Charles A. Solfrank	....Brian D. Seeley
John Dunn, Jr.	....504-58-30	24	9,800	George R. Manual	..Waldemar A. Goerss

J. F. Durston432-52-29 12 7,300
Finland549-56-31 24 10,400
J. H. Hillman, Jr.605-60-35 24 12,000
Charles Hubbard438-52-28 24 7,600
A. E. Nettleton525-55-31 24 9,800
Norway504-58-30 12 9,800
Harbut W. Smith ..414-50-28 24 6,800
Lyman C. Smith525-55-31 12 9,800
Sweden414-50-28 24 6,800
Smith Thompson432-52-28 24 7,400
Horace S. Wilkinson .580-60-32 12 11,500

Eugene O. PeoWilliam B. Ray
Herbert L. StewartJames C. Browne
Robert W. Goodwin ..William R. Stewart
Carl E. Holmes ..Wm. J. Engelhardt
William MortonFred A. Shovar
Melvin M. Edwards ..Edward H. Schmidt
Edward MagillEdward J. Hahn
Edward JacobsC. H. Steffanides
Lauri E. KallioWilliam J. Meinke
Lester H. JonesFrank J. Dworak
Daniel A. O'BoyleErnest Pothier

78 Great Lakes Towing Co., 1800 Terminal Tower, Cleveland 13
(Owner and Operator)

L. C. Turner, President; Ray Z. Damas, Fleet Captain

The company deems it impractical to announce appointments for the reason they are largely made by local managers at various ports and tugs are double and triple-crewed. The company's fleet includes:

Tugs Alabama, America, Arizona, California, Colorado, Conneaut, Connecticut, Delaware, Dunkirk, Favorite, Florida, 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, Rhode Island, Superior, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Wisconsin, Wyoming, Yale.

Lighters, Pontoon, Reliance.

Vessel	Captain	Chief Engineer
Bronte Sue (tug)		
Hamiltonian	G. J. Corson	W. T. Smith

Hanna Coal & Ore Corp. (See Fleet No. 85)

85 Hanna, M. A., Co., The Agents, Leader Bldg., Cleveland 14 (Operator)
 A. B. Kern, Manager; S. W. Sexsmith, Marine Superintendent
 Hanna Coal & Ore Corp. (Owner)

Edward J. Berwind	586-62-32	24	12,400	G. C. Hibbard	.....	W. R. Johnson
Emory L. Ford	580-60-32	12	12,200	W. J. Lane	.....	W. H. Scott
Fred G. Hartwell	596-64-33	12	13,400	W. R. Maitland	.....	J. F. Auttersen

The Eastern Steamship Co. (Owner)

Joseph Wood	504-54-30	12	9,300	L. A. Foster	H. S. Scarlett
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La Belle Steamship Co. (Owner)

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

Carle C. Conway	532-56-31	12	10,200	S. S. Sorensen	L. E. Viau
George R. Fink	.....	532-56-31	12	10,200	R. H. Brown	.....	J. F. Brooks
A. E. Heekin	.....	525-58-31	12	10,500	E. F. Rice	.....	J. F. Haxton
L. W. Hill	.....	525-58-31	12	10,500	N. F. Peltier	.....	A. L. Sprague
Edmund W. Mudge	.....	504-54-30	12	9,600	C. T. Gallagher	.....	W. Soderstrom
David M. Weir	.....	532-56-31	12	10,200	R. R. Redecker	.....	D. O. Adams
Ernest T. Weir	.....	580-60-32	12	11,800	R. F. Leng	.....	C. F. Hoffman

The Virginia Steamship Co. (Owner)

W. D. Crawford	504-54-31	24	9,500	G. A. Sinkler	J. N. Lindsay
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86 Hanna Transportation Co., 9331 So. Ewing Ave., Chicago (Operator)
 Materials Service Corp. (Owner)

R. E. Doville (m.v.)	120'5"-27'5"-7			Rufus Volkman	Jacob Kahilaninen
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Heathdale Agencies Ltd. (See Fleet No. 69)

87 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	.....				A. Hogue	.....	W. G. Murray
Iroquois II	.....				E. Pink	.....	R. J. Smith

88 Huron Transportation Co., 1325 Ford Bldg., Detroit (Owner and Operator)
 C. M. Adams, Port Captain

John W. Boardman	.....	334-55-28	5,000	Kenneth Sanchagrin	.....	Arthur Johnson
S. T. Crapo	.....	384-60-29	7,200	Thompson Campbell	.....	Walter Kammer
Samuel Mitchell	.....	293-40-25.5	2,300	James Burke	.....	Gilbert Nokland

89* Huron Tug and Supply Co., 1626 No. Michigan Ave., Saginaw, Mich.
 (Owner and Operator)

William J. Tarrant, General Manager; Dale R. McLaughlin, Chief Engineer;
 Carl E. McLaughlin, Vessel Manager

Vigilant (tug)				Officers unassigned	
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<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
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90 Hutchinson & Co., 1508 Rockefeller Bldg., Cleveland 13 (Operator)
 Frank W. Wolf, Fleet Engineer, John Rutledge, Fleet Captain
 Buckeye Steamship Co. (Owner)

Sir Wm. Fairbairn...414-46-28 24	6,100	David Lewis	.....	Charles Brasher
Harvard	461-50-28 24	7,000	Arnold Dupuie	.....W. H. Knapp
Harry W. Hosford.....	506-50-28 24	7,700	O. H. Keller	.....E. R. Liberty
John T. Hutchinson.....	595-60-35 24	12,000	Harold Jacobsen	.....O. B. Nordstrom
Simon J. Murphy.....	428-52-28 24	6,700	A. C. McLean	.....A. Bristow
Princeton	454-50-28 24	7,000	Chas. Butler	.....John MacIver
Geo. Stephenson	408-48-28 24	6,100	E. C. Rawson	.....Harry Lynn
Andrew S. Upson.....	380-52-28 12	6,600	John C. Mier	.....Wm. Wetton
Magna (barge)	352-44-26 24	5,600	Rudolph Van Reen.....	Julian C. Hasler
Maia (barge)	376-48-26 24	5,600	Howard Anderson.....	Frank Ziegler
Manilla (barge)	436-50-29 24	7,200	Chester Nichol	C. Hagen
Marsala (barge)	436-50-28 24	8,000	Albert Tobynne	John Miller
John Smeaton (barge).....	446-50-30 24	7,400	Mitchell Johnston	Fred Summerfield

Inland Steel Co. (Owner)

Wilfred Sykes	650-70-37 24	19,500	Geo. W. Fisher	.....	A. A. Wolf
E. J. Block	532-56-31 24	10,100	Wm. S. Walsh	.....	Alan Seelye
Joseph Block	549-56-31 24	10,300	Sidney Ward	.....	Edw. Bringleton
L. E. Block	596-64-33 24	13,400	A. Hoel	.....	Alex Donald
Philip D. Block	580-60-32 24	11,800	F. A. Tomlin	.....	Justin J. Kronberg

Pioneer Steamship Co. (Owner)

J. S. Ashley	504-54-30 12	8,860	H. P. Murphy	.....	Robert Tallaksen
A. A. Augustus	504-54-30 12	9,500	Walter D. Weborg	.....	Willard Pallas

Frank Billings	444-56-30 12	8,400
James E. Ferris	444-56-30 12	8,400
Donald B. Gillies	525-55-31 12	10,100
C. L. Hutchinson	580-58-32 12	11,250
W. H. McGeane	480-56-30 12	9,500
Price McKinney	432-54-28 24	7,300
John S. Manuel	444-56-30-12	8,400
Wm. A. Paine	480-52-30 12	8,500
Clarence B. Randall.....	595-60-35 24	12,000
John Stanton	504-54-30 12	9,500
J. J. Sullivan	532-56-31 24	10,300
David P. Thompson.....	554-58-32 12	11,000
G. A. Tomlinson	504-52-30 12	9,500
James P. Walsh	480-52-30 12	8,400

R. Van Epp .....	.....	Louis Schroeder
Ambrose Knudson .....	.....	Fabian Kiska
H. W. Frilay .....	.....	John Linden
Arthur Kristiansen .....	.....	A. Tenwick
Stanley Anderson .....	.....	E. J. Fournier
John Jessen .....	.....	Merle Buell
Claire Duclon .....	.....	Albert Bingle
L. W. Smith .....	.....	Harry Tallaksen
H. J. Scheible .....	.....	John Ruddock
E. P. Maxim .....	.....	C. McGeehan
M. J. Johnson.....	.....	E. C. Peterman
H. A. Johnson .....	.....	John Paytoosh
Wm. Schlegel .....	.....	Peter B. Johnson
Richard Galbreath .....	.....	John Atkins

91 Imperial Oil Ltd., Marine Department, 56 Church St., Toronto 1, Ont.
 (Owner and Operator)

W. R. Smeltzer, Manager; A. E. Gammon and T. D. Kelly, Assistant Managers

Imperial Cobourg .....	.....	C. G. Sloane	.....	J. Owen
Imperial Collingwood .....	.....	C. R. Dyon	.....	A. W. Adams
Imperial Cornwall .....	.....	P. Butters	.....	G. J. Merrick
Imperial Kingston .....	.....	J. M. Evans	.....	W. S. Robertson
Imperial Lachine .....	.....	G. Kehler	.....	E. S. LaFleur
Imperial London .....	.....	A. G. Knight	.....	C. A. Bailey
Imperial Midland .....	.....	G. R. Williamson	.....	T. C. Lovegrove
Imperial Ottawa .....	.....	J. Burns	.....	R. S. Evans
Imperial Sarnia .....	.....	W. V. Matthews	.....	J. D. Knox
Imperial Simcoe .....	.....	F. W. Osterdahl	.....	P. Larmand

<i>Vessel</i>		<i>Captain</i>	<i>Chief Engineer</i>
Imperial Windsor	.....	H. A. McLellan	H. E. Eisan
	Bareboat Chartered Vessels		
Imperial Leduc	.....	T. K. R. Knight	W. G. Sinclair
Imperial Redwater	.....	E. A. Davies	J. Maxwell
92* Inland Lines Ltd., 635 Common St., Montreal, Que. (Owner and Operator)			
	K. A. Scott, President; R. A. Campbell, Secretary		
Damia	.....	J. E. MacLeod	L. Marchand
Saracen	.....	T. W. Nichols	J. H. Smith

Inland Steel Co. (See Fleet No. 90)

Inter Ocean Steamship Co. (See Fleet No. 187)

The Interlake Steamship Co. (See Fleet No. 150)

93	International Harvester Co., 180 N. Michigan Ave., Chicago 1		
	(Owner and Operator)		
	A. C. Friedsam, General Traffic Manager		
The Harvester	...525-58-31 12 10,500	Charles Baake	John Scott
The International	...586-60-32 12 11,800	J. Routhier	H. A. Owens
94	International Transit Co., The, 122 East Street, Sault Ste. Marie, Ont.		
	(Owner and Operator)		
	R. A. Shanks, Ferry Supt.; B. C. Gartshore, Manager		
Agoming (m.s.)	.....	G. E. Harrison	G. M. Harrison
		W. A. Rouse	J. M. Caufield
		W. W. Harron	N. Kunkel
James W. Curran (m.s.)	.....	

95*	Island Dock, Inc., Kingston, N. Y. (Owner and Operator)		
Cleveland (diesel electric)	.....	Alex Gustavson	Alfred Kuntz
Detroit (diesel electric)	.....	Harry Freeman	Peter Eidvek

96	Ivey & Sons, T. A., Port Dover, Ont.		
T. A. Ivey (barge)	.....	W. Winters	.....
Iveyrose (tug)	.....	Peter MacDonald	.....

97	Jeremy, David B., 331 W. 5th St., Port Clinton, Ohio		
Islander	.....	David B. Jeremy	Clarence Jeremy

98	Jones & Laughlin Steel Corp., Union Dock, Ashtabula Harbor, Ohio		
	(Owner and Operator)		
	P. L. Tietjen, Director; T. H. Burger, Superintendent		
B. F. Jones	...530-56-31 24 10,100	A. L. Olsson	Stephen Frye
Willis L. King	...580-58-32 12 11,400	A. L. Christensen	George Grunthauer
James Laughlin	...530-56-31 24 10,100	H. R. Fairfield	C. H. Cosnett
Thomas Walters	...580-58-32 12 11,400	W. C. Humphrey	Alvin Sicken

99	Jupiter Steamship Co., 219 Rockefeller Bldg., Cleveland 13		
	(Owner and Operator)		
	W. C. Secord, Manager		
Jupiter	...346-48-28 10 5,000	Floyd Dossett	H. B. Muhltner

<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
100 Kelley Island Lime & Transport Co., Sandusky, O. (Owner and Operator) Ralph L. Dickey, President; L. N. Beuthel, Manager Sand Dept.		

Hydro	Alex Bourne	J. W. Wiper
Kelley Island	Eckhart Lange	Edward Dolin
Rockwood	Millard S. Brewer	Oscar Noak

101 Keystone Transports Limited, 360 St. James St. West, Montreal, P. Q. (Owner and Operator)
Capt. J. Milne, Operating Manager

Keybar	250-42'6.5"-16 9"	2,800	W. J. Coffin	R. Garriock
Keybell	250-42'6"-17'2.5"	2,500	R. Savard	David Annand
Keydon	250-42'5"-18'	2,800	E. F. Anderson	Geo. Clark
Keynor	250-42'6"-17'4.5"	2,800	Frank Dishaw	M. Bechervaise
Keypont	250-42'5.5"-18'	2,800	W. V. Smith	A. H. Horton
Keysey	250-43'4"-18'4"	3,104	W. H. Brown	R. J. Ascah
Keystate	250-42'6.5"-16'9"	2,800	E. Davidson	A. Beaupre
Keyvee	250-42'5"-18'	2,800	E. M. Walsh	John Larsen
Keywest	250-42'6"-17'4"	2,800	Geo. Brown	Geo. Baker

Kinsman Transit Co. (See Fleet No. 180)

102 Kishman Fish Co., Vermilion, O. (Owner and Operator)
(All are tugs)

Edward K.	Donald LaCourse
H. B. Kishman	John Miller
Lester K.	Ladis J. Martinek

Kenneth K.	Paul Klein
Myron K.	Eugene LaCourse
Roger K.	Thomas Ochs

The La Belle Steamship Co. (See Fleet No. 85)

Lake Erie Coal Co. (See Fleet No. 103)

103 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	W. J. Alvin Emrick
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104 Lake Erie Sand & Transport Co., 310 Broadway Bldg., Lorain, O. (Owner and Operator)

Erie (sandsucker)	Paul Brown	Charles Spademan
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105 Lake Sand Corp., 3210 E. 95th St., Chicago 17 (Owner and Operator)

Gilbert	Lester Gallager	A. Wiegert
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106 Lake Tankers Corp., 20 Exchange Pl., New York (Owner and Operator)

Martha E. Allen (m.v.)	F. W. Dixon	P. J. Gallagher
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107 Lakeland Tankers, Ltd., 36 Toronto St., Toronto 1
George R. Donovan Jr., Manager

Lubrolake	M. Bibeau	A. L. Hiltz
Makaweli	F. P. McCarthy	Wm. Thomson

<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
108	Lakes & St. Lawrence Navigation Co. Ltd., Cardinal, Ont. (Owner and Operator) A. S. Fraser, Operating Manager	
Casco	W. J. Mills	S. E. Moore
109	Levis Ferry Co. Ltd., Champlain Market, Quebec, Can. (Owner and Operator) Ernest Armstrong, General Manager.	
Bienville	Jean-Marie Forgues	Elias Ratte
Colbert	Cyrille Martel	Wilfrid Aubin
	Ferdinand Lemieux	Alphonse Chartre
	Maurice Martel	Alphonse Beaudoin
Louis Jolliet	Robert Masson	Levis Michaud
	Henri Poullot	L. Georges Mercier
	Emile Boillard	Jos. Bernier
Weekley Holiday	Romeo Lemieux	Camille Bouchard
110	Lorain Coal & Dock Co., The, Terminal Tower, Cleveland 13 (Owner and Operator) H. L. Gates, Manager	
Lorain (fuel lighter)	H. J. Zieba	Richard Newkirk
111	Luedtke Engineering Co., Frankfort, Mich. (Owner and Operator)	
Karl E. Luedtke	George Geniesse	Stanley Lancewicz
Erich R. Luedtke	Eli Demeuse	Almon Smith
112	Lyons Construction Co., Whitehall, Mich. (Owner and Operator) I. J. Lyons, Owner	
Marigold		
Montauk (barge)		
113*	Lyons' Navigation Co., 910 Lakeview Dr., Lorain, O. J. P. Lyons, Marine Supt.	
North Shore	Mark Cross	Willis Cross
White Swan	R. B. Lyons	Arthur Larsen
114	Mackinac Transportation Co., St. Ignace, Mich. (Operator) Mackinac Transportation Co., Detroit (Owner) M. J. Bishop, Port Captain	
Chief Wawatan (carferry)	M. J. Bishop	Ivo C. Coveyou
Sainte Marie (carferry)	Alexander Tromblay	Clayton B. Cheeseman
115	Maid of the Mist Steamboat Co. Ltd., P.O. Box 834, Niagara Falls, N. Y. Frank LeBlond, Manager	
Maid of the Mist	16'-7'6"	C. Keech
Maid of the Mist No. 2	18'6"-7'6"	G. Hawthorne
		J. Nicols
		William Tymons
116	Marine Industries Limited, Sorel, Que. (Owner and Operator) L. N. DeRome, Fleet Superintendent	
Genl. Brock (dredge)	B. Collier Capt.	Thom Carrie
Manseau 101 (dredge)	Emile Gallant	Rene Bergeron

<i>Vessel</i>
Genl. Montcalm (dredge)
Bruxelles (dredge)
Capt. Saurel (dredge)
D. M. No-5 (dredge)
New Welland (dredge)
C. & R. No-2 (dredge)
Rock Genl. II (drill)
Rock Genl. IV (sweeper)
Derrick No-8 (derrick)
Derrick No-10 (derrick)
Becanour (tug)
Capt. Morrison (tug)
Capt. Simard (tug)
Claire "S" (tug)
Deschailions (tug)
Descheneaux (tug)
Dramis (tug)
Geo. McKee (tug)
Glen Valley (tug)
La Sarcelle (tug)
Ostrea II (tug)
Le Goeland (tug)
Le Grebe (tug)
H. C. 234 (tug)

<i>Captain</i>	<i>Chief Engineer</i>
E. Gagnon	U. Clement
J. P. Bonin	Aime Demers
Andre Simoneau	Raoul Guerriat
Alberte Simoneau	Michel Fiset
Alderic Simoneau	Gedeon Begin
Adrien Descheneaux	Gerard Bibeau
John Younger	Anatole Godin
Bernard Valois	Albert Gauthier
Ben Labreche	W. Labreche
Jos. St-Germain	Ed Verroneau
Jos. Mongeau	Arthur Vilandre
J. Ed. Duchesne	Etiennes Lemay
Albert Caron	J. L. Guertin
Ulric Tremblay	F. Labarre
Wilfrid Lavallee	H. Drolet
Romeo Desmarais	Romeo Duchesne
Chs. Millette	Oscar Mandeville
J. R. Duchesne	Roland Cote
William Picard	Roger Forcier
Nap. Mongeau	Gerard Labreche
Albert Cournoyer	Adrien Courchesne
Wilfrid Valois	Bernard Bergeron
P. E. Houle	Leonard Millette
Wilfrid Valois	A. Cournoyer

Branch Lines Limited, Sorel, Que. (Owner and Operator)

Capt. Charles H. Boily, Superintendent

Elmbranch (tanker)
Firbranch (tanker)
Oakbranch (tanker)
Pinebranch (tanker)
Poplarbranch (tanker)
Sprucebranch (tanker)
Willowbranch (tanker)

J. H. Lalonde	Yves Durand
J. R. Gagnon	M. Himmelman
E. Delage	Alfred Sheridan
Roland Patenaude	C. Mondor
Gerard Blais	J. L. Falardeau
Lucien Legris	H. Epaule
Lucien Chapdelaine	Emile Dube

117 Marine Transit Co., 131 E. Wacker Drive, Chicago 1 (Owner)

John West, President; B. J. Markham, Manager

American
Edward W. Fenwick
A. L. Nash

Lars Gunderson	William Wilson
John Pellino	Norbert Schelot
Chas. Partridge	R. Toennies

Materials Service Corp. (See Fleet No. 86)

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

(All are tugs)

John A. Becker
Matton #20
Edna M. Matton
John E. Matton
Margaret Matton
Ralph E. Matton
H. A. Meldrum

Maurice Vermet	Arthur Armstrong
John Maloney	Joseph Yeau
James Clinton	Earl Clark
Vincent Curtin	Edward Kingston
Rex Westfall	Fred Gabrielson
Thomas Van Allen	William Pengeley
Henry Roberts	Harry Van Derwerken

<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
119	McCarthy Steamship Co., T. J., 3362 Wight St., Detroit 7, Mich.	
	(Owner and Operator)	
	T. J. McCarthy, President and General Manager	
Brittania	164-45-17'9" Tug	.....
Cadillac	157-56-17'9" 400	.....
George W. Mead.....	387-50-28 6,200	A. J. Chickonoski...William R. Marshall
T. J. McCarthy	430-50-28'6" 7,300	J. A. Patterson.....Robert Edgar
George H. Ingalls.....	430-50-28'6" 7,300	E. R. Briggs.....Charles Duffy

120 McColl-Frontenac Oil Co., Ltd., Yardley House, Toronto, Ont. (Operator)
 F. W. Cowie, Marine Superintendent
 S. S. Texaco Brave Ltd., Montreal (Owner)

Texaco Brave	G. McCallum	E. I. Berrigan
	S. S. Texaco Chief Ltd., Montreal (Owner)	
Texaco Chief	E. L. Pyette	C. G. Myatt
	S. S. Texaco Warrior Ltd., Montreal (Owner)	
Texaco Warrior	I. L. Mateer	K. A. Fraser

121 McLean & Sons Ltd., A. B., Brock St. Dock, Sault Ste. Marie, Ont.
(Owner and Operator)
 Capt. R. A. McLean, President; John McLean, Secretary-Treasurer;
 A. B. McLean, Vice President

Batchewana (tug)	Alfred McCoy
Miseford (tug)	William Bennett
Racine (tug) .....	.....
Newman, T. F. (Ltr) .....	.....

Derrick No. 3	Chas. Johnson
Derrick No. 4	Robt. Egan
Derrick No. 5	Russell Garniss
Dump Scow No. 38 .....	.....
Dump Scow No. 39 .....	.....

122 McNamara Construction Co. Ltd., Industrial St., Leaside, Toronto 12, Ont.
(Owner and Operator)

Allen M. (derrick) .....	.....
Billie M. (tug) .....	.....
Bronte Bess (tug) .....	.....
Charlie M. (hydraulic dredge) .....	.....
Connie M. (tug) .....	.....
Flora M. (tug) .....	.....
Florence M (tug) (nee Foundation Joan)	.....
George M. (derrick) .....	.....
George M. Jr. (dipper dredge) .....	.....
Harold M. (derrick) .....	.....
Howard M. (dipper dredge) .....	.....
Levis (car ferry) .....	.....
Marny M. (tug) (nee Foundation Alice).	.....
Mike M. (landing barge) .....	.....
Pat M. (landing barge) .....	.....
Paul H. M. (dipper dredge) .....	.....
Paul M. Jr. (hydraulic dredge) .....	.....
Sidney M. (hopper dredge) .....	.....
Skipper M. (tug) .....	.....

<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
123 McQueen Marine Ltd., Amherstburg, Ont. (Owner and Operator) J. G. Penner Marine Superintendent		
Atomic	J. E. McQueen	J. Goodchild
Patricia McQueen	A. Morrison	H. Atkinson
Henry Stokes	M. MacDonald	J. Fox
Commander J. E. (dredge)		O. Hamilton
Malden (barge)		
Accommodation		
124 McWilliams Blue Line, Inc., James, One Broadway, New York 4 Charles F. Kellers, President		
Blue Comet (m.v.).....37'6"-13'	Theodore Miller Jr.	Carl Eikefjord
125* Meagher & Sons, W. J., 24th and Water Sts., Bay City, Mich.		
Eider (tug)		
Shamrock (derrick)		
126 Merritt-Chapman & Scott Corp., 1648 Standard Bldg., Cleveland 13 (Owner and Operator) Sherman H. Serre, Vice President		
Alpena (tug)		
Aubrey (tug)		
Jane "T" (tug)		
Sherman H. Serre (tug)	Elmer Lounds	Oliver C. Pilon
William A. Whitney (tug)	Robert McNaughton	Louis Lewandowski
Amazon (derrick scow)		
Cherokee (derrick scow)		
Chippewa (derrick scow)		
Clyde (derrick scow)		
Comanche (derrick scow)		
Gotham (derrick scow)		
No. 4 (derrick scow)		
No. 5 (derrick scow)		
M. Sullivan (dredge)	G. E. Adams.....	George Mickle
127 Michigan Atlantic Corp., 60 E. Forty-Second St., New York (Owner and Operator) M. J. Cardillo, President		
Michigan (m.v.)	Leroy Decker	F. Johnson
128 Michigan Limestone & Chemical Co., Rogers City, Mich. (Owner and Operator)		
Tug Central	R. G. Cumming.....	Alfred Quade
Tug Kellers	James Cook	Joseph Buck
Tug Rogers City	E. G. Newhouse.....	Frank Flewelling
	Russell Lamb	Frank Lamp
129* Michigan State Ferries, St. Ignace, Mich. (Operator) Michigan State Highway Dept., Lansing, Mich. (Owner) Charles M. Zeigler, Commissioner		
City of Cheboygan	George Lloyd	H. Jack Williams
City of Munising	C. Peter Everson.....	Leo Fogelsonger
City of Petoskey	Harold Hill	Douglas Bynorth
The Straits of Mackinac	Andy Monson.....	George Thompson

Vessel

Captain

Chief Engineer

130 Midland Steamship Line, Inc., 2101 Terminal Tower, Cleveland 13
 Baird R. Tewksbury, President; Michael K. Tewksbury, Vice President and Manager
 John W. Davin.....504-54-29 12 9,300 T. B. Bigelow.....Alexander Karro
 Michael Gallagher ..420-54-28 12 7,300 Angus B. Almstedt.....Otto O. Kraft
 W. G. Pollock420-52-28 12 7,300 Karl D. Snarfeldt.....John W. Erickson
 E. N. Saunders Jr...504-55-30 12 9,800 Vincent W. Hoover.....Joseph F. Taldar
 Carmi A. Thompson.525-58-31 12 10,500 William D. Hampton...George E. Larson
 John Williams525-55-31 12 10,000 David O. Howland.....A. M. Houston

131 Miller Boat Line, Put-in-Bay, Ohio
 Lee Miller, Manager
 South ShoreCletus March.....Franklin Ohlemacher
 West ShoreKenney Chapman.....Clarence Crowe
 Avon 11Ethan Fox
 Mervine II (barge)Wm. C. Miller
 (Self-propelled)

132 Milwaukee, City of, Fire Dept., Milwaukee
 Edw. E. Wischer, Chief of Fire Department
 (All vessels are fireboats)
 M. F. D. No. 15Edw. E. Wischer...Rudolph F. Tesnow
 Deluge (diesel fireboat)Edw. E. Wischer

133 Mississaga River Improvement Co. Ltd., Blind River, Ont.
 C. E. Smith, General Manager
 WaubausheneWilliam DecotaDougall McLeod

134 Mohawk Navigation Co. Ltd., 635 Common St., Montreal, Que.
 (Owner and Operator)
 R. A. Campbell, President
 Alfred Krupp (barge)352-44-26 .. 5,700 C. BrunetO. Preston
 F. V. MasseyW. A. Blackwell.....B. Benholm
 Capt. C. D. Secord..542-48-24 .. 9,000 J. A. Felker.....J. M. Gilles
 Sir Thomas Shaughnessy487-52-30 .. 9,000 A. R. Irvine.....F. A. Collier

135 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
 Glenada (tug)L. Plante.....C. Peloquin
 Glenkeen (tug)H. Pilotte.....A. G. Chayer
 N.H.B. Floating Crane No. 1E. Bourbonnais.....R. Guertin
 N.H.B. Derrick No. 3P. Chevrier
 N.H.B. Derrick No. 6E. Lemoine

Morrow SS Co. (See Fleet No. 143)

136 Muir Bros. Dry Dock Company Ltd., Port Dalhousie, Ont.
 (Owner and Operator)
 Eccles II (tug)N. S. Johnston.....H. Truesdale

137 National Sand & Material Co. Ltd., 402 Harbor Bldg., Toronto, Ont.
 G. G. Robinson, Vice President and General Manager
 Charles DickR. E. Lawson.....Corey Harvey
 National Steel Corp. (See Fleet No. 85)

Vessel	Captain	Chief Engineer
138	Neuman Boat Line Inc., Foot of Columbus Ave., Sandusky, O.	
	Harold J. Neuman, President	
Challenger	Ernest E. James	
Commuter	Robert Swanson	
Mascot	Harold Neuman	
139	Newaygo Timber Co. Ltd., Port Arthur, Ont. (Owner)	
	(Subsidiary of Consolidated Water Power & Paper Co.)	
Rocket	Arthur H. Harpell.....	Roy Hedman
(See also Fleet No. 49)		
140	Nicholson Transit Co., P.O. Box 66, River Rouge, Mich.	
	William Nicholson, President; Wm. F. Deane, Vice President	
Canopus	C. Tobin.....	H. Lozen
Charles Donnelly	D. Tobin.....	H. Kammer
Fellowcraft	O. Meling.....	D. Binder
Ironwood		
Adrian Iselin	T. Legault.....	E. Arnett
Penobscot	L. Guyette.....	F. Horton
Perseus	H. Booth.....	C. Rexford
E. C. Pope	E. Cullen.....	H. Burchard
Sonora	N. Swan.....	R. Walker
Steel King	Wm. Edgar.....	E. Colclough
Sultana	H. Burch.....	J. Rumble
Tampico	H. Nicholson.....	O. Merrill
James Watt	H. Walton	S. Dauscher

Ecorse Transit Company

Mataafa	E. Massman.....	B. Beauchamp
141	Northern Paper Mills Ltd., Hansen, Ont.	
	A. K. McNaughton, Secretary	
Norco	Alex R. Cleave.....	M. C. Tymon
142	Northwest Steamships Ltd., 43 Scott Street, Toronto 1, Ont.	
	Mr. Charles Faessler, Secretary-Treasurer	
A. A. Hudson	D'Alton Hudson.....	B. G. Adam
Superior	S. C. Bell.....	J. G. Miller
143	Oglebay, Norton & Co., 1200 Hanna Bldg., Cleveland 15 (Operator)	
	W. C. Dressler, Vessel Manager; H. F. Wiersch, Marine Superintendent;	
	J. A. Fuhrman, Fleet Engineer	
	The Columbia Transportation Co. (Owner)	
Buckeye	413-52-28 ..	6,800 Peter Pulcer.....
Harry T. Ewig.....	346-48-28 ..	5,000 Clifford Patnode.....
Joseph H. Frantz.....	592-62-32 24	12,000 Bert Lambert.....
Charles W. Galloway	504-54-30 24	9,000 Joseph Grefor
Howard M. Hanna, Jr.	504-54-30 24	9,000 Joseph Richardson....
W. W. Holloway.....	532-56-31 12	10,000 N. C. Larsen.....
O. S. McFarland.....	360-50-23 ..	5,800 Thomas Durant.....
E. G. Mathlott (self-unloader) ..	360-48-28 24	4,400 Andrew Greene.....
		Walter Wood

<i>Vessel</i>				<i>Captain</i>	<i>Chief Engineer</i>
J. Clare Miller	...525-55-31	24	10,000	Walter Borresen	Edward Ax
R. E. Moody (self-unloader)	..345-48-28	24	4,200	Vernie Koski	Carl Grant
D. Z. Norton	....480-52-30	24	8,200	Harry Ellsmere	Leonard Lundry
Crispin Oglebay (self-unloader)	..532-58-31	12	10,000	Johannes Olsen	Oscar Peterson
G. G. Post	.....346-48-28	..	5,000	George Wachelin	Vernon Mark
W. C. Richardson	420-52-28	24	7,300	Angus MacDonald	Clark Swartz
J. R. Sensibar (self-unloader)	..538-56-31	12	8,600	Edgar Viall	George McCullough
Sierra (self-unloader)	..438-52-28	24	5,800	Arthur Hendrickson	Harvey Jewell
William F. Stifel	..420-52-28	24	7,300	Charles Cox	Peter Carlsen
Wolverine412-48-28	24	6,000	James Gegenheimer	H. A. Britz

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Morrow Steamship Co. (Owner)

Robert J. Paisley (self-unloader)	..410-48-28	24	6,200	Donald Aston	George Meno
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Paisley Steamship Co. (Owner)

Ben E. Tate (self-unloader)	..356-50-28	24	5,700	Alex Gillies	John Willis
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The Saginaw Dock & Terminal Co.

Carrollton241-43-22	..	2,500	Morris Nielsen	E. A. Gustin
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Oranje Line (See Fleet No. 145)

Ore Steamship Co. (See Fleet No. 16)

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

Hercules (tug)	.....	Asel Bartlett
P. W. D. No. 117 (dredge)	.....	John Howell

145* Overseas Shipping Inc., 224 So. Michigan Ave., Chicago (Agents)

H. M. Holden, President

Oranje Line (Dutch Owned and Operated)

Prins Frederik Hendrik	.....	S. Klein
Prins Maurits	.....	L. Van Toor
Prinz Willem Van Oranje	.....	J. Dijkhuizen
Prins Willem III	.....	M. Weltervreden
Prins Willem IV	.....	J. M. Groeneweg
Prins Willem V	.....	F. Vlas

105

Swedish Chicago Line (Swedish Owned and Operated)

Ragneborg	.....	A. Christianssen
Signeborg	.....	S. Lejmark
Helga Smith	.....	E. Svensson

Paisley SS Co. (See Fleet No. 143)

**146 N. M. Paterson & Sons Limited, Steamship Div., Fort William, Ont.
(Owner and Operator)
E. B. Sutherland, General Manager
Upper Lake Vessels**

Altadoc	412-48-23	K. C. Clark.....	E. C. Featherstone
Bricoldoc	410-50-23	C. E. Robinson.....	E. W. Sparring
Canadoc	421-50-23	A. H. Simpell.....	W. Mooney
Collingdoc (barge)	366-44-21	W. Kusik.....	J. Laderoute
Fort Willdoc	422-50-23	T. Jewitt.....	P. W. Pratt
Kenordoc (barge)	366-44-22	Geo. Stephens.....	Wm. Gilbert
Mantadoc	423-50-24	H. Odesse.....	W. E. Lalonde
Ontadoc	423-50-23	W. A. Boult.....	L. Buttler
Owendoc (barge)	352-44-21	E. A. Kirton.....	J. J. Holler
Portadoc (barge)	352-44-22	H. Lesperance.....	D. Calhoun
Prindoc	387-50-23	L. G. Burns.....	G. Long
Quedoc	346-40-22	D. Steip.....	J. R. Smith
Saskadoc	422-50-24	R. A. Cameron.....	J. Kennedy
Scotiadoc	242-50-23	W. J. Kirkwood.....	A. Chalmers
Soodoc	423-50-23	F. Butters.....	T. J. Dryburgh
Vandoc	416-50-23	Geo. Morris.....	L. Kruppa
Windoc	428-50-24	Ivan Ovens	S. Pitfield

Lower Lake Vessels

Cartierdoc	252-43-21	L. Legendre.....	H. Abercrombie
Farrandoc	251-42-17	P. R. Legendre.....	H. E. Bonner
Hamildoc	253-43-18	P. Pelletier.....	C. McCurdy
Humberdoc	246-43-25	G. F. Grant.....	J. Schwenk

Kingdoc	252-43-21	J. C. Marchand.....	J. R. McLean
Lavaldoc	252-43-21	W. A. Sabine.....	H. Hardman
Lawrendoc	252-43-21	C. Beaupre.....	A. Stewart
Mondoc	252-43-20	W. Collins.....	R. Plunkett
Newbrundoc	252-43-21	M. Mongeau.....	D. Myers
Prescodoc	252-43-21	B. R. Greir.....	H. Mackie
Soreldoc	253-43-21	R. D. Sempell.....	R. Robinson
Troisdoc	252-43-21	C. Crompton.....	C. McDougall

**147 Pelee Shipping Co. Ltd., 4 Flora St., St. Thomas, Ont. (Owner)
J. N. Lindsay, President, St. Thomas, Ont.; Vincent A. Barrie, General Manager,
St. Thomas, Ont.; L. A. Yurek, Sandusky, O., General Passenger Agent; L. H. Thorp,
Purser, Kingsville, Ont.**

Pelee	E. McConnell.....	Fred Gerster
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**148 Pennsylvania-Ontario Transportation Co., 221 Rockefeller Bldg., Cleveland 13
(Owner and Operator)
J. L. Tinny, Manager**

Ashtabula (car ferry)	C. W. Nelson.....	A. B. Dues
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Petco Co. (See Fleet No. 42)

**149 Petoskey Transportation Co., Petoskey, Mich. (Owner and Operator)
H. H. Lucas, Vice President**

John L. A. Galster (nee J. B. John)	F. P. Russell.....	Ervin Wendorff
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Vessel	Captain	Chief Engineer
150 Pickands Mather & Co., 2000 Union Commerce Bldg., Cleveland 14 George W. Callahan, Manager; A. B. Smith, Supt. of Vessel Property The Interlake Steamship Co. (Owner)		
Adriatic 420-52-28	12 7,200	Art Brightstone..Raymond L. Dutton
Arcturus 514-54-31	24 9,550	John B. Maddigan.....John H. Hubbard
Frank Armstrong... 605-60-35	24 12,000	Guy L. Smith.....Lawrence R. Goulette
Fayette Brown... 504-54-30	12 9,350	Johan A. Larsen.....Clarence A. Delong
Harvey H. Brown... 532-58-32	12 10,350	John W. Malloch.....Wesley B. Daniels
Calumet 420-52-29	12 7,200	John C. Tilley.....Chas. E. McLaughlin
J. A. Campbell... 525-58-31	12 10,550	Nicolai M. Pedersen.... John W. Antons
E. A. S. Clarke... 532-56-30	12 10,200	Nels B. Larsen.....Arthur H. Jacobs
Harry Coulbly ... 607-65-33	24 13,700	T. Howard Saunders..Ralph M. P. Britz
Crete 480-52-30	12 8,450	Harold E. Kleve.....Harvey C. Jess
Harry W. Croft ... 504-58-30	24 9,900	Robert M. Magnuson....Chester Bell
Henry G. Dalton ... 580-60-32	12 11,900	Harry Everson.....Ashley J. Arnold
E. G. Grace 605-60-35	24 12,000	Alfred C. Drouillard..Robert H. Folkert
Hemlock 420-52-28	12 7,200	Clifton G. Endelmann...Cecl E. Ball
Robert Hobson ... 580-60-32	24 11,900	Victor J. Noel.....Lloyd E. Thompson
Elton Hoyt II ... 530-56-32	12 10,000	George A. O'Boyle....Jake P. Schiller
Harry R. Jones ... 448-52-28	12 7,800	Howard J. Debo.....Gustav Engelhaupt
C. H. McCullough Jr. 512-56-31	12 10,200	Robert B. Leach.....Lee C. Nash
Wm. McLaughlan... 580-60-32	24 11,900	Erling G. Jackson ....Samuel Clausen
Samuel Mather ... 580-60-32	24 11,900	Andreas Olsen.....William F. Jess
D. O. Mills 532-58-32	12 10,350	Otto H. Schwedler...Arthur W. Buchler
Jay C. Morse 532-58-31	12 10,350	Carl W. Basch.....Harmon B. Bourlier
Odanah 420-52-28	12	Arthur M. Gilbert....Arnold D. Kienitz

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Pathfinder 530-60-32	12 10,500	Daniel S. Erickson..Leslie B. Sangster
Col. James Pickands.580-60-32	24 11,900	C. Earle Downs.....Ralph D. Bammel
Frank Purnell ... 605-60-35	24 12,000	Frank Van Dusen....Aubrey C. Daniels
C. S. Robinson ... 525-55-31	12 9,850	Alfred I. Hansen...Arthur A. Fetting
Charles M. Schwab.580-60-32	24 11,900	Roy F. Wuest .....John F. Johnson
Joseph Sellwood . 525-55-31	12 9,850	Raphael E. Marsden..Perry E. Benson
John Sherwin ... 514-54-31	24 9,550	Oliver L. Ziegman ..George J. Artman
Amassa Stone ... 525-55-31	12 9,750	Henry W. Reinhold...Harvey E. Mensen
Verona 480-52-30	24 8,450	Irving L. Hallberg..Bernard L. Mitchell
James C. Wallace 532-56-31	12 10,400	Ralph T. Fenton.....Herman J. Jess
August B. Wolvin.540-56-32	12 10,450	Robt. A. Endelman...Albert J. Zobel
Youngstown 580-60-32	12 11,900	Emmett C. O'Connell...Leo G. Bammel

Pioneer Steamship Co. (See Fleet No. 90)

152 Pittsburgh Steamship Co., 614 Superior Ave., N.W., Cleveland 13	(Owner and Operator)	R. M. Crawford, Fleet Captain; T. A. Ives, Fleet Engineer
B. F. Affleck 580-60-32	24 12,000	W. H. MacBeth.....R. W. Armstrong
Sewell Avery 595-60-35	24 11,700	H. L. Buckley.....J. R. Bowermaster
Geo. F. Baker 580-58-32	12 11,300	Richard DePolder.....R. M. Martin
E. J. Buffington . 580-58-32	12 11,400	J. E. Diamond.....G. J. Schindler
Robt. W. E. Bunsen 439-50-49'6"	24 7,100	F. J. Harmon.....G. H. Burns
D. M. Clemson ... 580-60-32	12 12,200	W. H. Paver.....M. O. Waideland
Wm. G. Clyde 580-60-32	24 12,000	A. J. Winkel.....O. J. Berger
Thos. F. Cole 580-58-32	12 11,500	L. D. Bouille.....R. F. Benjamin
W. E. Corey 549-56-31	24 10,300	C. K. Seeley.....L. B. David
Cornell 454-50-28'6"	24 7,100	Martin Olsen.....H. R. Hughes

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Vessel			
George 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	614-67-35	24	14,500
James A. Farrell	580-58-32	12	11,700
A. H. Ferbert	614-67-35	24	14,500
Wm. J. Filbert	585-60-32	12	11,700
Leon Fraser	614-68-35	24	14,500
Henry C. Frick	549-56-31	24	10,500
Elbert H. Gary	549-56-31	24	10,500
John W. Gates	478-52-30	24	8,000
A. F. Harvey	580-60-32	24	12,100
Joshua A. Hatfield	580-60-32	24	12,100
James J. Hill	478-52-30	24	8,000
Francis E. House	585-60-32	24	11,700
John Hulst	586-60-32'6"	24	12,000
Wm. A. Irvin	586-60-32'6"	24	11,900
Horace Johnson	580-60-32	24	11,900
D. G. Kerr	580-60-32	12	12,200
Thos. 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
Wm. A. McGonagle	580-60-32	12	12,200
Malietoa	454-50-28'6"	24	7,400

Governor Miller	580-60-32'6"	24	11,900
J. Pierpont Morgan	580-58-32	12	11,300
J. P. Morgan Jr.	580-58-32	12	11,300
Sam'l F. B. Morse	456-50-29	24	7,300
Wm. J. Olcott	580-58-32	12	11,500
Irving S. Olds	614-67-35	24	14,500
Wm. P. Palmer	580-58-32	12	11,800
Eugene 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
Gen. Orlando M. Poe	470-50-29	24	7,500
Norman B. Ream	580-58-32	12	11,300
Percival Roberts Jr.	580-58-32	12	11,700
Henry H. Rogers	580-38-32	12	11,200
Wm. B. Schiller	580-58-32	12	11,500
George A. Sloan	595-60-35	24	11,700
Robert C. Stanley	595-60-35	24	11,700
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	614-67-34	24	14,500
Ralph H. Watson	586-60-32'6"	24	12,000
Peter A. B. Widener	580-58-32	12	11,200
Home D. Williams	580-60-32	12	12,200
August Ziesing	580-60-32	12	12,000

Captain	Chief Engineer
C. J. Paver	G. Anderson
W. K. Kelly	I. K. Henriksen
R. F. Radike	C. H. Mason
A. B. Weber	A. C. Benson
C. W. Fitch	F. J. Selee
Geo. Comins	C. D. Reno
Frank Wilcox	S. A. Mack
A. W. Dana	J. B. Bellow
F. J. Palagyi	M. H. Smith
C. H. Johnson	F. G. Hazen
E. C. Tanner	W. F. Parker
A. H. Nielsen	H. E. Lickfeldt
T. M. Hermansen	C. O. Falk
G. M. Sandiford	L. M. Morrison
T. F. Burns	E. A. Bradley
J. A. Robinson	R. K. Dillenbeck
Dan MacDermid	R. W. Hogle
A. C. Penzenhagen	E. W. Anderson
D. T. Whitlock	A. Baker
Thor Nelson	A. Lyman
G. A. Lehne	C. A. Britton
J. M. Boyce	J. F. Oakley
A. G. Waurzyniak	V. N. Ax
J. L. Komarek	G. J. Wilson
M. Rushin	R. I. Dillenbeck
C. L. Obeshaw	H. C. Splan

D. E. Manuel	F. F. Hunger
Geo. Parks	M. H. Daggitt
S. M. Nelson	S. T. Kemmerly
P. R. Watts	G. E. Terbush
C. E. Gerlach	R. H. Olson
C. C. Carlisle	B. H. Hesler
F. W. Quinn	S. M. Mnarik
F. H. Pratt	P. Stolson
H. A. Lehtoma	W. W. Eberhart
G. J. Olsen	J. O. Indergard

Anthony Rehak	Peter Kochan
C. J. Larcombe	P. G. Zielke
J. E. Tomlin	A. L. Haller
T. F. Harbottle	M. J. Reader
D. C. Lawless	R. A. Marcero
R. W. Parsons	Thos. Reinert
W. T. Simonds	H. W. Bremer
L. J. Brissette	E. W. Lockhart
C. J. Brinker	M. C. Smith
E. C. Baganz	M. P. Hoshour
Wm. Ward	A. L. Rhodes
Swen Fotland	Jas. Amenson

V. J. Osier	A. F. Braciszkeski
C. M. Christensen	A. J. Mercier
A. M. Everett	A. E. McGuire

Vessel

Captain

Chief Engineer

153 Porter Co. Ltd., The J. P., 936 Dominion Square Bldg., Montreal 2, Que.

B. K. Boulton, Pres. and Gen. Mgr.; W. A. Kalls, Secretary-Treasurer

(Owner and Operator)

W. A. Kalls, Secretary-Treasurer

Alice (tug)	B. Schmeisser	K. McLeod
Aviso (tug)	R. Picard	M. McDonald
Daisy (tug)	(Not operating)	
Fundy Prince (tug)	D. McDonald	S. Parks
Gordon Livingstone (tug)	G. Livingstone	T. Cox
Gay Porter (tug)	R. Boudreau	E. Bower
Margaret Porter (tug)	R. Dykeman	J. McNeil
Rouille (tug)	R. Munroe	L. Sharkey
Samuel T. (tug)	J. Rose	C. Ross
Delver (dredge)	J. J. McDonald	A. McDonald
Fundy (dredge)	W. McIntyre	K. McIntyre
General Currie (dredge)	L. Hupmah	J. White
J. A. Gregory (dredge)	(Not operating)	
New Brunswick (dredge)	M. Haughn	W. Landry
Shuniah (dredge)	R. Bursey	L. Lamoureux

154 Powell Transports, Ltd., 563 Grain Exchange, Winnipeg, Can.

K. A. Powell, President

Starbuck

Gerald E. Blevins

A. Pruder

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

J. G. Dubrue, General Manager

Joseph Dubrue	P. Boivin	H. Phillips
Levis	R. W. Barkley	
	Harold McDonald	W. Crozier

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

Barkhamstead (tug) (Not in commission)

S. M. Dean (tug)

S. D. Ferson

Otto Donegan

Jesse James (tug)

A. J. Gaffney

Gerald Wood

Constitution (barge)

Angus MacDonald

John Szymanski

Maida (barge)

A. J. Dingman

Fred Zimmerman

Pure Oil Co. (See Fleet No. 80)

157 Purvis, James & Son, Gore Bay, Ont. (Owner and Operator)

Harry Purvis (tug)

Frank Thibault

158 Pyke Towing & Salvage Co., 506 Princess St., Kingston, Ont.

(Owner and Operator)

Grant Pyke, Manager

Enarco (barge)	Capt. Averill	
Hilda (barge)	Capt. Johnson	
Salvage Prince (tug)	G. Pyke	E. Reid
Salvage Queen	Capt. Bates	Thomas Campeau

(No appointments for barges Sand Boy and Stone Boy)

159 Quebec and Ontario Transportation Co. Ltd., 680 Sherbrooke St., West Montreal 2, Que.

Black River (barge)	J. Agnew	
Chicago Tribune (m.v.)	F. V. McIntyre	R. H. Peatman

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<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
Franquelin (m.v.)	J. O. Beaudoin	V. Williams
Heron Bay	Geo. Ferguson	A. G. Sweeting
Manicouagan	D. Gendron	Geo. Coffin
New York News	R. J. Brown	H. Smith
Outarde	W. E. Redfearn	W. Garrett
Pic River (barge)	R. Armstrong	M. Smith
Rocky River (tug)	S. McCutcheon	M. G. Beagle
Shelter Bay	G. Moffat	W. Smith

160 Quebec Paper Sales & Transport Co. Ltd., 44 St. Louis St., Quebec, Can.

(Owner and Operator)

L. A. Palmer, President

Dompaco (m.v.)	G. Laliberte	R. Caron
Donnacona No. 2 (m.v.)	A. Frenette	E. Bouchard
Donnacona No. 3 (m.v.)	A. Hovington	L. McNicoll
Kermic (m.v.)	A. Levesque	E. Hovington
Newscarrier (m.v.)	R. Normandeau	A. Harvey
Sault-on-Mouton (m.v.)	G. Caron	H. Caron
Soutouriski	M. Boulianne	C. Bernier

161 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	420-52	7,500	George Rapp	Earl Parworth
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162 Reger & Werner Fish Co., Foot of 8th St., Lorain, O.

Louis C. Reger

Denny (gas)	Lawrence Ribbe
Francis (gas)	Carl Kibbe
Jerry (gas)	Arnold Waldorf
San-Mar (m.v., diesel)	George Floro

163 Reiss, C., Coal Co., The, Sheboygan, Wis. (Owner and Operator)

W. W. Newcomet, Manager; H. J. Rake, Fleet Engineer

Green Bay (tug)	William H. Armstrong	Adrian Paska
Reiss (tug)	Joseph Driscoll	Melvin Allen
	Glen Bergerson	George Johnson
	Elwood King	Daniel Damas

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

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

W. W. Newcomet, Manager, H. J. Rake, Fleet Engineer

A. M. Byers	504-54	10,000	H. L. Radcliffe	Sylvester Palumbo
Reiss Brothers	603-60	13,000	M. A. Baizaire	James Nelson
Clemens A. Reiss	430-50	7,500	Clifford La Vere	William Bracher
J. L. Reiss	489-52	7,800	Carroll Shaw	Morris Gabert
John P. Reiss	504-54	10,000	John Hoff	Willard Meter
Otto M. Reiss	420-52	7,500	Hans Bauer	John E. Schmitt
Peter Reiss	504-54	10,000	D. C. Sullivan	Clarence Jackson
Richard J. Reiss	621-60	15,000	R. O. Frankforther	Theo. Jeszen
Wm. A. Reiss	618-62	14,000	Howard Leach	Sam Lorenz

Vessel

Captain

Chief Engineer

165	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	Malcolm Johns Axel Backman
Charles C. West	572-60-31	13,000	Wayne Pringle Clarence Roed
166	Roen Steamship Co., Sturgeon Bay, Wis. (Owner and Operator) Capt. John Roen, President; John H. Purvis, Fleet Mgr.		
John Roen III (tug)			Ole Jacobsen Jas. Strickland
John Roen IV (tug)			K. Svensdahl Joe Reynolds
Hilda (barge)			Ludwig Froland E. Baker
Lillian (barge)			Frank Erfourth Henry Isaksen
LST 1006 (barge)			
Maitland (barge)			Ray Williamsen Vincent Younk
Resolute (barge)			Mark Roen Miles Olmstead
167	Russell Construction Co. Ltd., Harbour Administration Bldg., Toronto, Ont. J. O. Roddick, President		
R. C. Co. Tug No. 1			Ray Hand J. A. Smith
R. C. Co. Tug No. 4			Oswald Morin J. Billings
R. C. Co. Tug No. 5			A. Lavigne D. Perks
Marine Derrick No. 14			Albert Brooks
Marine Derrick 17			F. Moffatt
Marine Derrick 18			Fred O'Shea
The Saginaw Dock & Terminal Co. (See Fleet No. 143)			
168	St. Lawrence River Power Co., The, Massena, N. Y. (Owner and Operator) E. G. Schoeffel, Superintendent		
William Hoopes (tug)			E. J. Cline R. J. Wood
James W. Rickey (tug)			E. J. Cline R. J. Wood
170	Schneider Transportation Co., 800 Marshall Bldg., Public Square Cleveland 13 (Owner and Operator) A. E. R. Schneider, President		
Cletus Schneider	360-50-28 24	5,900	Harold Todd Edwin Peterson
Pam Schneider	360-50-28 24	5,900	A. L. Gilbert Ben Perew
171	Schwartz Sand & Gravel Co., 3000 Lakeside, Cleveland 14 (Owner and Operator)		
K. V. Schwartz			Paul Ebisch Gordon Faucher
Shasta Steamship Co. Inc. (See Fleet No. 20)			
172	Shell Canadian Tankers Ltd., 25 Adelaide St., East Toronto 1, Ont. K. W. Martin, Manager; S. J. Armitage, Marine Superintendent		
Bayshell (m.v.)			F. Brais T. Brydon
(nee Justine C. Allen)			
Eastern Shell			S. G. Williamson T. E. Hurley
(nee John A. McDougald)			
Lakeshell (m.v.)			F. Foote T. Carrie
Rivershell (m.v.)			F. Young H. Pace
(nee Peter G. Campbell)			

<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
173 Shenango Furnace Co., 1666 Union Commerce Bldg., Cleveland 14 (Operator)		
Shenango Furnace Co., Pittsburgh (Owner)		
C. J. Peck, Vice Pres.; P. J. Riley, Superintendent		

Col. J. M. Schoonmaker		
590-64-33	24	12,600
Shenango	585-58-32	24 11,400
Wm. P. Snyder, Jr.	590-64-33	24 12,600
	Ralph L. Doyle	John Mansika
	Peter A. Fischette	Chas. J. Volk
	Linwood I. Shaw	Albert Fritz

174 Shipping Limited, 31 St. James Street W. Montreal, P. Q. (Operator)

J. P. Boyle, President; A. Barrett, Marine Superintendent
Canadian Oil Companies Limited, Toronto, Ont. (Owner)

John Irwin (m.v.) (tanker)	259-43'-10"-20	J. A. MacIntyre	H. E. Christensen
Eglinton Park (m.v.) (tanker)			

175* Sincennes-McNaughton Line Ltd., 635 Common St., Montreal, Que. (Owner)

Joseph Simard, President; R. A. Campbell, Managing Director

James Battle	No appointments
Felicia	D. Cournoyer
Lotbiniere	
Yvon Dupre Jr.	J. E. Blais
Graeme Stewart	Jos. Millette
Brighton (barge)	
Cobourg (barge)	
Londonderry (barge)	
	A. Duval
	P. Cournoyer
	M. Descoteaux

International (derrick barge)	
Fire Chief (tug)	R. Lemay
Mathilda (tug)	E. Houde
John Pratt (tug)	Z. Bibeau
Pierre Racine (tug)	Not in commission
Rival (tug)	L. Orr
	D. Vezina
	J. Bernard
	A. Cournoyer
	R. Houde

176 Socony-Vacuum Oil Co., 26 Broadway, New York, 4 (Owner and Operator)
Marine Transportation Dept.

Traverse City Socony (m.v.)	William Waddington, Jr.	John Thom
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177 Sorel Harbor Tugs Ltd., Sorel, Que. (Owner and Operator)

No definite appointments made at beginning of season

Tugs Chicoutimi, Marguerite T., Jacques T., Madeleine T., Jean T. and 15 barges

178* South Chicago Coal & Dock Co., 222 West Adams St., Chicago (6)

Koalkraft	Arthur J. Spotton	Harry Zivney
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179 Standard Oil Co., Whiting, Ind. (Owner and Operator)

J. C. Ducommun, Manager of Marine Division
(All vessels are tankers)

Beaumont Parks	J. Johansen	H. Carlson
William P. Cowan	J. Taylor	W. W. Boynton
Red Crown	Ingvar Larson	A. Lippie
Edward G. Seubert	E. F. W. Justmann	M. D. Swanson
Robert W. Stewart	G. Carlson	A. R. Amolsch

<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
180 Steinbrenner, Henry G., 706 Rockefeller Bldg., Cleveland 13 (Operator)		
	No appointments at opening of season Kinsman Transit Co. (Owner)	

E. C. Collins	.....420-50-28	24	6,700
Harry L. Findlay	..532-56-31	12	10,200
Philip Minch	.....480-52-30	12	8,600
MacGilvray Shiras	.420-50-28	24	6,700
Henry Steinbrenner	.420-50-28	24	6,900

Sumatra Steamship Co. (See Fleet No. 187)

181 Swedish American Line, 1255 Phillips Square, Montreal 2, Que. (Owner and Operator)

Erland	.....
Laholm	.....
Siljan	.....
Torsholm	.....

(Chartered)

Askepot	.....
Askot	.....

Swedish Chicago Line (See Fleet No. 145)

S.S. Texaco Brave Ltd. (See Fleet No. 120)

S.S. Texaco Chief Ltd. (See Fleet No. 120)

S.S. Texaco Warrior Ltd. (See Fleet No. 120)

182 Texas Co., The, Marine Dept., 135 E. 42nd St., New York (Owner and Operator)

T. E. Buchanan, General Manager, Marine Dept.

Maine	.....	R. E. Lee	.....H. E. McCracken
Michigan	.....	J. F. Fitch	.....R. R. Weeks

183* Thousand Island Steamship Line, Kingston, Ont. (Owner and Operator)

Ross W. Carnegie, Manager; H. C. McIlquham, Sec-Treas.

Island Queen	Ross W. Carnegie	...George A. Woodman
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184 Thorp & Co., J. J., Duluth, Minn. (Operator)

Lawrence J. Thorp, President

Agnes J. (tug)	Edward Moen
Lee Joyce (tug)	.....	Emil Gustafson	.....

185 Toledo Excursions, Inc., Foot of Bates St., Detroit, Mich. (Owner and Operator)

N. M. Constans, President

Wayne (passenger boat)	No appointments
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186 Guy Tombs, Marine Services Ltd., 1111 Beaver Hall Hill, Montreal 1, Que. (Owner and Operator)

Guy Tombs, President; L. C. Tombs, Vice-President; P. L. Markey, Marine Superintendent

Ethel Tombs (m.v.)	A. L. MallettePhilius Céré
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<i>Vessel</i>			<i>Captain</i>	<i>Chief Engineer</i>
187 Tomlinson Fleet, The, 2900 Terminal Tower, Cleveland 13 (Operator)				
			Warren C. Jones, President and General Manager	
			Consolidated Steamship Co. (Owner)	
Merton E. Farr	580-60-32	12 12,000	Edward H. Cahours	Joseph H. Majo
			Continental Steamship Co. (Owner)	
Chas. E. Dunlap	580-60-32	12 12,000	C. U. Danielson	Leo I. Gallagher
			Duluth Steamship Co. (Owner)	
Sylvania	504-54-30	12 9,400	Howard C. Beck	M. F. Desmond
			Globe Steamship Corp. (Owner)	
Cuyler Adams	474-52-29	12 8,400	Alfred M. Hansen	F. Schwartz
Ball Brothers	480-52-30	12 8,900	Harold B. Viksjo	J. L. Murphy
James Davidson	580-60-32	12 12,000	Arnold R. Morse	Arthur M. Olson
			Inter Ocean Steamship Co. (Owner)	
Jas. E. Davidson	504-54-30	12 9,400	John C. Taylor	Waldemar Karro
			Sumatra Steamship Co. (Owner)	
Sumatra	405-48-28		Edwin G. Gall	G. B. Amo
(self unloader)				
			Triton Steamship Co. (Owner)	
R. P. Ranney	420-52-28	12	Alexander J. Talbot	Harvey W. Bryan

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

M. A. Stewart, Commissioner of Works

G. R. Geary (tug)	F. T. Foulkes	J. H. Shaughnessy
Ned Hanlan (tug)	D. T. Milne	H. E. Baillie
(See also Fleet 189)		

189 Toronto Transportation Commission, 35 Yonge St., Toronto, Ont. (Owner)

H. C. Patten, General Manager; D. A. Peters, Marine Supt.

Aylmer (motor tug)	Officers not assigned to particular vessel
Bluebell	
Buttercup (motor launch)	
T. J. Clark	
William Inglis (m.v.)	
Sam McBride (m.v.)	
Thomas Rennie (m.v.)	
Miss Simcoe (motor launch)	
Trillium	
Miss York (motor launch)	
(See also Fleet No. 188)	

190 Toth Transportation Co., 905 Edison Bldg., Toledo, Ohio

Lil' Rock (sand boat)	118-32-6	Michael Toth	Joseph Toth
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191 Transit Tankers & Terminals Ltd., 31 St. James St., West, Montreal 1, Que. (Operator)

Bruce Hudson	Leo O'Neil	George Murphy
Joan Virginia	Thomas Wilson	Patrick Neilon

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<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
Transbay	Octave Normand	Romeo Marchand
Transinland	J. Arcade Daneau	George Beckett
Translake	Maurice Lapointe	Jacques Marchand
Transriver	Olivier Bibeau	Noel Laplante
Transtream	Rodolphe Tremblay	Charles Gagne

Triton Steamship Co. (See Fleet No. 187)

192 Trois-Rivieres, City of, City Engineers Office, Trois-Rivieres, Que.

Paul E. Dufresne, City Engineer; Alex. Boulard, Superintendent

Lavolette	C. Biron	P. Bouchard
Laverendrye	M. Lewis	H. Bouchard
Cite des Trois-Rivieres	A. Hamelin	W. Lamothe

193 U. S. Army, Corps of Engineers, (Dept. of the Army), 2015 Cadillac Tower, Detroit 31, Mich.

Lt. Col. John D. Bristol, District Engineer

Capt. A. Canfield (motor tender)	Theo. TenEyck... John H. VanderMeiden
Dixon (motor launch)	Morgan A. Wickman, Jr.
Owen M. Fredericks (harbor tug)	Lawr. W. Barrett... Erwin G. McCartney
Capt. George (harbor tug)	Gustav J. W. Jacobson... Clarence Miller
Col. J. D. Graham	Conrad G. Haugen
Haskell (motor tender)	Algot V. Herman
MacDiarmid (survey boat)	Robert M. Johnson
Maumee (motor launch)	Thomas G. Fairbairn

Oatka (motor launch)	Morgan A. Wickman, Sr.
Osprey (motor tender)	Orlaf F. Sullivan... Andrew A. Snider, Jr.
F. G. Ray (survey boat)	John J. Jurczyszyn
Sault Ste. Marie (motor launch)	Richard A. White
Sycamore (motor tender)	Wm. F. Stepaniak
Williams (tug)	Harvey M. Hodge

194 U. S. Army, Buffalo District, Corps of Engineers, Engineer Park, Buffalo 7, New York

Col. H. W. Schull, Jr., District Engineer

Hoffman (dredge)	Harry J. Ruddy
Nash (tug)	James P. Hassett
Quintus (tug)	Austin Wilcock
Savannah (dredge)	William H. Bowman
Stanley (tug)	George F. Myers
Taylor (dredge)	Angus McLennan

195 U. S. Army, Corps of Engineers, (Dept. of the Army), 428 Federal Bldg., Milwaukee

Col. David A. Morris, District Engineer; Lynn S. Kreger, Operations Officer

Algoma (tender motor)	L. G. LaPlante
Hains (dredge)	Lester C. Brinkert
Holland (tender motor)	Lewis A. Goodin
Ludington (tug)	Norman L. Johnson... Louis J. Hengartner
Manistee (tender motor)	George L. Moore
Menominee (tender motor)	Joseph Kozak

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<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
Milwaukee (barge)	Albert R. Nielson	
Racine (tug)	Bernard Braley	
Two Rivers (tug)	Palmer E. LaPlante	Harold Van Bramer

**196* United Towing & Salvage Co. Ltd., 635 Common St., Montreal
(Operator)**

R. A. Campbell, Vice President

Bellechasse	No appointments	
Coteau (barge)	No appointments	
Jean Fraser (tug)	W. J. Taylor	W. F. Gehl
Great Western (derrick barge) .....	.....	H. L. Newton
Guardian .....	.....
Ponoko	No appointments	
Strathmore (tug)	Angus MacDonald	J. Farquharson
James Whalen (tug)	V. McCabe	J. Gehl
Lachine	O. Leduc	Chas. Aitken

**197 Upper Lakes & St. Lawrence Transportation Co., Ltd., 417-419 Queen's Quay West,
Toronto, Ont.**

R. B. Angus, Operating Engineer

Blue River (m.s.)	T. H. Thompson	M. Beckett
Brown Beaver	H. E. Welbanks	J. O. Scott
Bryn (barge)	J. W. Lidstone	A. Gouin
Ralph Budd	L. E. Burden	M. T. Leatherdale
Norman P. Clement	H. J. McGregor	F. V. Camps

William H. Daniels	W. E. Ogg	E. Desmarais
Edwin T. Douglass	J. A. Bisette	W. Silvey
James B. Eads	H. B. Bazeley	J. Collingham
John Ericsson	J. B. Stephens	H. Adams
John Fritz (barge)	D. M. Kitchen	T. Nicholson
Glenbogie (barge)	G. Morrison	W. Fox
Grey Beaver	A. H. Dixon	R. W. Young
Alexander Holley (barge)	E. Watson	W. Menary
Douglass Houghton	J. E. Fox	A. Meihm
Charles R. Huntley	R. Graham	L. Crawford
Judge Kenefick	H. G. Redfearn	R. Herbert
Norman B. MacPherson	W. J. Ferguson	L. E. Sampson
Maunaloa II	A. E. McGee	G. Miller
John S. Pillsbury	C. C. Clattenburg	H. Locke
John J. Rammacher	D. Crawford	J. Rush
John B. Richards	I. Young	W. Young
John A. Roebing (barge)	A. Rouse	R. Richardson
Howard L. Shaw	F. Harpell	G. Trott
James Stewart	J. L. Mattice	J. R. Jones
Shirley G. Taylor	G. H. Davies	E. Boudreault
Victorious	O. Gulbranson	R. Bell
Shelton Weed	H. P. McBeth	A. Nicholson
Barge 137	N. Miller	E. Gould

**198 The Valley Camp Coal Co. of Canada Ltd., 220 Bay St., Toronto, Ont.
(Owner and Operator)**

Valley Camp	304-43-26 ..	3,500	Bruce A. Nichols	A. J. Kinnear
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<i>Vessel</i>	<i>Captain</i>	<i>Chief Engineer</i>
199 Vermilion Sand & Supply Co., The.	Vermilion, O. (Owner and Operator)	
	Otto Full, Manager	
R. W. Hoist	Geo. Blattner	Geo. Lang

The Virginia Steamship Co. (See Fleet No. 85)

200	Wabash Railroad Co., Detroit	
	J. S. Dent, Superintendent	
	Detroit Terminal Division	
Detroit (car ferry)	G. W. Wilson	C. R. Johns
Manitowoc (car ferry)	J. J. Mahon	R. Gardner
Windsor (car ferry)	Enoch Cram	H. A. Lowry

201	Waterways Navigation Co., Ford Bldg., Detroit, Mich.	
	Henry L. Caulkins, President; Ralph S. Caulkins, Vice President	
Ralph S. Caulkins	6,800	Walter W. Callam... Clinton T. Greenleaf

202	Wells Construction Co., 1121 Schofield Bldg., Cleveland 15	
	(Owner and Operator)	
	L. A. Wells, President; Don Wells, Vice President.	
North Harbor (tug)	John McIver	L. J. Mertaugh
Red Crown (tug)		
J. R. Sprankle (tug)	Harry Johnson	H. J. Walker
Stella B (tug)		

Toledo (tug)		
Craftsman (derrick scow)	Wm. Smith	
Norman Kelley (derrick scow)	Eric Abrahamson	
Wawasee (derrick scow)	Guido Pierpaoli	Ano Hendrickson
Wellston (derrick scow)	Tony Maki	E. Kuehn
Johnny Wells (suction dredge)	William Selee	
King Coal (dipper dredge)	Ralph Sutton	

203	West Shore Fuel Inc., 223 Erie St., Buffalo 2, N. Y.	
	(Owner and Operator)	
	C. H. LaDuca, President; R. L. LaDuca, Vice President	
Bennett, W. H. (tanker)	M. Banks	O. Grin
West Shore (lighter)	W. Goss Blackstone	R. Hofner

204	White Bros., 2569 Glendale Ave., Toledo 14, Ohio	
	Norman White; Clarence White	
Sandra	105-37'6"-5'6" ..	R. Harris
		Norman White

205	Wilson Transit Co., The, 960 Rockefeller Bldg., Cleveland 13	
	(Owner and Operator)	
	A. T. Wood, President; M. E. Kingsbury, Vice President.	
Charles S. Hebard .504-54-30	24	9,500
Robert L. Ireland .504-54-30	12	9,600
Edward 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
Joseph McLean		Henry Brocher
George Skuggen		Frank J. Hinman
Paul R. Condon		Irving W. Harris
Roy F. Woodford		Charles F. Schack
Murdock D. McQueen		Francis J. Heagerty

<i>Vessel</i>			<i>Captain</i>	<i>Chief Engineer</i>
James MacNaughton	580-60-32	12	11,700	Bertram F. Davies . . . Harold R. Morse
Charles A. Paul	520-54-31	24	9,700	Arnold O. Andersen . . David L. Campbell
J. E. Upson	504-54-30	12	9,500	Peter J. Petersen . . . Phillip E. Johnson
Robert B. Wallace	525-55-31	12	9,900	Joseph E. Konkel . . . William J. Morrow
Thomas Wilson	604-60-35	24	12,000	C. Henry Borgen . . . William McKenzie

**206 Wisconsin & Michigan Steamship Co., 350 N. Plankinton Ave., Milwaukee
(Owner and Operator)**

Milwaukee Clipper	.....	A. K. Hoxie	.....	Carl Andersen
Highway 16 (m.v.)	.....	R. A. Johnson	.....	Charles S. Powers

207 Wolfe Island Corporation, Wolf Island, Ont.

J. W. Keyes, Manager; J. D. Cosgrove, Treasurer

Wolfe Islander	S. Sisty	George A. Woodman
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**208 Wyandotte Transportation Co., 1609 Biddle Ave., Wyandotte, Mich.
(Owner and Operator)**

James A. Lucier, Fleet Engineer

Alpena	.....356-47-27	..	5,500	Harvey Booth	.....	Leonard Caley
Conneaut	.....415-56-30	..	8,000	John C. Broadwell	.....	Earl Wilson
Huron	.....415-56-30	..	8,000	Henry F. Kresin	.....	Justin Houston
Wyandotte	.....346-45-24	..	4,500	Bernard V. Matson	.....	James Crandall

209 Yankcanuck Steamships Ltd., 527 Queen St. East, Sault Ste. Marie, Ont.

Capt. F. Manzutti, Owner-Operator and President

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(self loader and unloader)				J. C. Weegar	John Bellmore
Manzutti246-41-15'3"	4	2,350	R. A. Reid	A. W. Love
(self loader and unloader)						
Yankcanuck					

**210 Zenith Dredge Co., Waterfront at 13th Ave., West, Duluth
(Owner and Operator)**

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Chattanooga (tug)	No appointments
Columbia (tug)	No appointments
Donald B. (tug)	No appointments
Essayons (tug)	.....	No appointments
John V. (tug)	.....	No appointments
No. 27 (dredge)	.....	No appointments
Adele (derrick barge)	No appointments
Faith	No appointments
Powerful (derrick barge)	No appointments

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DRY DOCKS: No. 1—Length over all, 574'-0"; width of entrance at top, 65'-9 $\frac{1}{2}$ "; depth over blocks, 12'-6". No. 2—Length over all, 733'-0"; width of entrance at top, 79'-10"; depth over blocks, 12'-6".

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

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W. J. Knapp, Superintendent

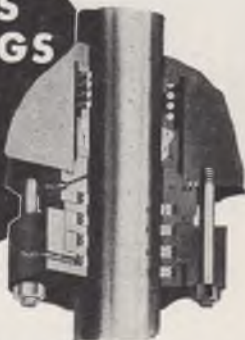
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DRY DOCKS: No. 1—Length over all, 461'-5"; width of entrance at top, 58'-2 $\frac{1}{2}$ "; depth over blocks, 14'-1". No. 2—Length over all, 621'-7"; width of entrance at top, 78'-6"; depth over blocks, 15'-6".

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.

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DRY DOCKS: No. 1—Length over all 546'-0"; width of entrance at top, 70'-2"; depth over blocks, 15'-3". No. 2—Length over all, 727'-0"; width of entrance at top, 88'-0"; depth over blocks, 17'-4".

FLOATING REPAIR EQUIPMENT: Two repair launches and one repair scow, equipped with air compressors, electric welding outfits, etc.; one delivery launch.

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W. H. Walton, General Manager, Collingwood, Ont., 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.

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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—513' by 56' 0", at entrance.
No. 2—412' by 95' 0" at entrance.

LIMITING CONDITIONS: 14' 0" draught.

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BUILDING BERTHS: Three; 800-foot ship.

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DRY DOCK: Concrete dock, 650' over all.

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REPAIR FACILITIES: Fully equipped for repairs to steel or wooden tugs and other small craft—hulls, engines, boilers and auxiliaries.

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Robert Fraser, Superintendent

REPAIR FACILITIES: Fully equipped, with dry docks, machine shop, joiner 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 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 derrick scow with 3 ton lift, scow with derrick—10 ton lift, fuel oil scow, and 7 repair boats equipped with air compressors, electric welding outfits, etc.

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DRY DOCK: Floating dry dock. Length over all 112'. Width of entrance at top 49' 6". Depth over blocks 13'.

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R. W. Sutton, General 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'.

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MARINE RAILWAY: 250 feet.

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Sturgeon Bay, Wis.

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Leona Wolter, Secretary
Lloyd Spude, Superintendent
D. R. DeLay, Naval Architect and Chief Engineer
Floyd B. Knuth, Comptroller

BUILDING BERTHS: Six
DRY DOCKS: No. 1—100.
No. 2—70.
No. 3—200.

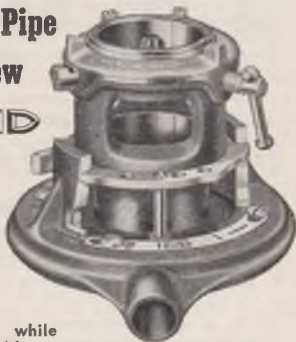
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