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TRANSPORTATION LINES ON THE GREAT LAKES SYSTEM:
TRANSPORTATION SERIES 3: 1980(U) CORPS OF ENGINEERS
FORT BELVOIR VA WATER RESOURCES SUPPORT CENTER MAY 82
WRSC-TS-80-3

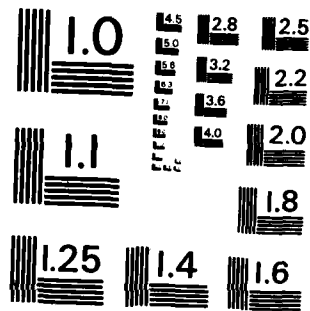
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TRANSPORTATION LINES ON THE GREAT LAKES SYSTEM 1980

TRANSPORTATION SERIES 3



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U.S. ARMY

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) Transportation Series (TS) 3 contains information of the vessel operators and their American flag vessels operating or available for operation on 31 Dec 1980 on the Great Lakes System in the transportation of freight and passengers. A summary of the information contained follows: TABLE 1 - Operators, addresses TABLE 2 - Vessels, type and construction, net registered tonnage, (over)		

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20. ABSTRACT (cont'd)

length, breadth, draft, horsepower, carry capacity, etc.

TABLE 3 - Description of operations, type of service, principal commodities carried and localities served.

TS-3 is one of a series of 3 publications. TS-4 contains similar information for the Mississippi River System and the Gulf Intracoastal Waterway. TS-5 contains similar information for the Atlantic, Gulf and Pacific Coasts.

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CORPS OF ENGINEERS

U. S. ARMY

TRANSPORTATION SERIES 3

TRANSPORTATION LINES

ON THE

GREAT LAKES SYSTEM

1980

COMPILED UNDER THE SUPERVISION OF THE WATER RESOURCES SUPPORT CENTER,
U. S. ARMY CORPS OF ENGINEERS, FORT BELVOIR, VIRGINIA



WATERBORNE COMMERCE STATISTICS CENTER
NEW ORLEANS, LOUISIANA

For sale by the District Engineer, U. S. Army Engineer District, New Orleans, P. O. Box 61280,
New Orleans, Louisiana, 70160 — Price \$1.00

INTRODUCTION

This annual revision of Transportation Series Number 3 contains information of the vessel operators and their American flag vessels operating or available for operation on 31 December 1980 on the Great Lakes System in the transportation of freight and passengers. General ferries; floating equipment used in construction work, as dredges, piledrivers, and flats; fishing vessels; and recreational craft are not included. The Series, which also includes Number 4, Transportation Lines on the Mississippi River System and the Gulf Intracoastal Waterway and Number 5, Transportation Lines on the Atlantic, Gulf, and Pacific Coasts, is prepared under authority contained in the River and Harbor Act approved 22 September 1922.

The names of the vessel operators are listed alphabetically in Table 1. Each line carries Engineer District number and the name and business address of the operator.

Table 2 lists the operators in alphabetical sequence and describes each vessel operated by indicating its net register tonnage, register and overall lengths, register and overall breadths, draft (both loaded and light), horsepower, carrying capacity in short tons or units of cargo and number of passengers, heights of fixed superstructures, cargo handling equipment, vessel operating base, and year built or rebuilt.

Table 3 lists the type of service, principal commodities carried, and waterways upon which and the location between which the services are conducted.

Information was obtained by means of a questionnaire by the District and Division Engineer offices of the Corps of Engineers, U. S. Army, with each Engineer office accounting for the operators whose main operating headquarters were located within its jurisdiction on 31 December 1980. The final report, following editing and collation of input data furnished by operators, was compiled and copy preparation accomplished in the Waterborne Commerce Statistics Center.



INFORMATION FOR DTIC - GRA&I DTIC T-5 DTIC T-5 DTIC T-5 DTIC T-5	
Distribution/ Availability Codes Available and/or Special	
Dist A	Special

EXPLANATION OF TERMS AND SYMBOLS

The terms, "regulated by Interstate Commerce Commission (common or contract)," "exempt, for hire," and "private," as used in the "Service" column in Table 3, apply to the operators of the vessels rather than to the vessels.

An entry of "-5" in the "Net Register Tonnage" column of Table 2, Description of Vessels, identifies vessels of less than 5 net register tons.

An asterisk (*) appearing in "When Built or Rebuilt" column of Table 2 indicates the year in which the vessel was rebuilt. Where no asterisk appears, the reference is to the year in which the vessel was originally constructed.

The index and tables show Engineer District in which the report was received by number as follows:

- 22. Buffalo, N. Y.
- 23. Detroit, Mich.
- 24. Lake Superior Area Office
- 26. Chicago, Ill.

TABLE 1—ALPHABETICAL LIST OF TRANSPORTATION LINES

V

ENGR. DIST.	OPERATOR NAME	ADDRESS
A		
22	ALLIED BUNKERING SERVICE DIVISION OF ASHLAND OIL, INC.	P. O. BOX 1169 BUFFALO, NEW YORK 14240
23	AMERICAN AND CANADIAN LOCK TOURS	P. O. BOX 594 SAULT STE. MARIE, MICH. 49783
26	AMOCO OIL COMPANY	P. O. BOX 751 WHITING, IND. 46394
23	ANN ARBOR RAILROAD CO.	P. O. BOX 911 FRANKFORT, MICH. 49635
24	APOSTLE ISLANDS OUTFITTERS; INC.	RT. 1, BOX 237E BAYFIELD, WIS. 54814
23	ARNOLD TRANSIT COMPANY	P. O. BOX 220 MACKINAC ISLAND, MICH. 49757
26	ASHER MARINE RENTALS	180 E. REDWOOD ST. STURGEON BAY, WIS. 54235
23	ASHLAND OIL, INC.	FOOT OF GREAT LAKES AVENUE DETROIT, MICH. 48218
B		
26	BAY SHIPBUILDING CORP. (SUBSIDIARY OF MANITOWOC CO., INC.)	STURGEON BAY, WIS. 54235
22	BEACON HAUSMEER MARINE CO.	1220 OLD RIVER ROAD CLEVELAND, OHIO 44113
23	BEAVER ISLAND BOAT CO.	CHARLEVOIX, MICH. 49720
22	BETHLEHEM STEEL CORP. (GREAT LAKES STEAMSHIP DIVISION)	SUITE 2001 55 PUBLIC SQUARE CLEVELAND, OHIO 44113
26	BIGANE VESSEL FUELING COMPANY OF CHICAGO	3583 ARCHER AVE. CHICAGO, ILL. 60609
23	BLUE WATER FERRY, LTD.	MARINE CITY, MICH. 48039
23	BOB-LO COMPANY	661 CIVIC CENTER DRIVE DETROIT, MICH. 48226
22	BOLAND & CORNELIUS, INC.	3250 MARINE MIDLAND CENTER BUFFALO, N. Y. 14203
23	BOOKER, H. E.	PUT-IN-BAY, OHIO 43456
23	BULTEMA DOCK AND DREDGE CO.	P. O. BOX 728 MUSKOGON, MICH. 49443
23	BULTEMA MARINE TRANSPORTATION	P. O. BOX 728 MUSKOGON, MICH. 49443
C		
26	CALUMET MARINE TOWING	1631 DAVIS AVENUE WHITING, IND. 46394
22	CEDAR POINT, INC.	P. O. BOX 759 SANDUSKY, OHIO 44870
22	CEMENT TRANSIT CO.	P. O. BOX 5668 CLEVELAND, OHIO 44101

VI

TABLE 1—ALPHABETICAL LIST OF TRANSPORTATION LINES

ENGR. DIST.	OPERATOR NAME	ADDRESS
23	CHESAPEAKE & OHIO RAILWAY CO., THE	S. WILLIAM ST. LUDINGTON, MICH. 49431
22	CLEVELAND-CLIFF IRON CO., THE	1460 UNION COMMERCE BUILDING CLEVELAND, OHIO 44115
24	CLEVELAND-CLIFFS IRON COMPANY	FOREST PRODUCTS DIV. IRON MOUNTAIN, MICH. 49801
22	CLEVELAND TANKERS, INC.	1000 ONE ERIEVIEW PLAZA CLEVELAND, OHIO 44114
22	COMBINED 1000 ISLAND BOAT TOURS, INC.	ALEXANDRIA BAY, N. Y. 13607
22	CONNELLY BROS. SHIP CHANDLERS, INC.	43 ILLINOIS STREET BUFFALO, N. Y. 14203
23	CONSOLIDATION COAL COMPANY	GOETZVILLE, MICH. 49736
26	CONSTRUCTION AGGREGATES CORP.	120 S. LA SALLE ST. CHICAGO, ILL. 60641
D		
24	DULUTH, MISSABE & IRON RANGE RAILWAY CO.	DULUTH, MINN. 55802
24	DULUTH-SUPERIOR EXCURSIONS	500 ALLWORTH BLDG. 5TH AVENUE WEST AND WATERFRONT DULUTH, MINN. 55802
23	DUNBAR & SULLIVAN DREDGING CO.	22720 MICHIGAN AVE. DEARBORN, MICH. 48124
23	DUROCHER DOCK AND DREDGE, INC.	958 NORTH HURON STREET CHEBOYGAN, MICH. 49721
E		
23	EASTERN UPPER PENNINSULA TRANSIT AUTHORITY	P. O. BOX 187 KINROSS, MICH. 49752
23	ENGINE & LEASING CO.	P. O. BOX 9 SOUTH HAVEN, MICH. 49090
24	ERICKSON, EDWIN, MARINE FREIGHT SERVICE	BOX 368 BAYFIELD, WIS. 54814
22	ERICSON MARINE, INC.	RIVERSIDE DRIVE CLAYTON, N. Y. 13624
22	ERIE NAVIGATION CO.	P. O. BOX 153 ERIE, PA. 16512
22	ERIE SAND STEAMSHIP CO.	P. O. BOX 153 FOOT OF SASSAPRAS STREET ERIE, PA. 16507
26	EUBANKS, LIONEL	1400 BROADWAY BLUE ISLAND, ILL. 60406
F		
23	FAMOUS 800 LOCKS CRUISES, INC.	P. O. BOX 27 SAULT STE. MARIE, MICH. 49783
22	FITZPATRICK, CHARLES W.	P. O. BOX 55 SACKETT HARBOR, N. Y. 13685

TABLE 1—ALPHABETICAL LIST OF TRANSPORTATION LINES

VII

ENGR. DIST.	OPERATOR NAME	ADDRESS
24	FLAMINGO EXCURSIONS, INC.	500 ALLWORTH BLDG. DULUTH, MINN. 55802
23	FORD MOTOR CO. (STEEL DIVISION)	MARINE OFFICE BUILDING 3001 MILLER ROAD DEARBORN, MICH. 48121
26	FRANSEE, ARTHUR C.	8735 N. 72ND ST. MILWAUKEE, WIS. 53223
G		
23	Gaelic Tubboat Co.	24710 E. RIVER RD. GROSSE ILE, MICH. 48138
23	GILLESPIE, JEWELL	ST. JAMES HARBOR BEAVER ISLAND, MICH.
22	GOODTIME TRANSIT, INC.	P. O. BOX 4002 CLEVELAND, OHIO 44123
24	GRAND PORTAGE-ISLE ROYALE TRANSPORTATION LINE, INC.	366 SOUTH LAKE AVENUE DULUTH, MINN. 55802
22	GREAT LAKES TOWING CO., THE	1800 TERMINAL TOWER CLEVELAND, OHIO 44113
23	GROSVENOR, GEORGE	BOX 284 LELAND, MICH. 49654
23	GUNNLAUGSON, JOHN	WASHINGTON ISLAND, WIS. 54246
H		
22	HANNA MINING CO.	100 ERIEVIEW PLAZA CLEVELAND, OHIO 44114
I		
26	ILLINI HARBOR SERVICES, INC.	P. O. BOX 464 MENNEPIN, ILL. 61327
26	INLAND STEEL CO.	ATTN: FLEET DEPT. 30 WEST MONROE STREET CHICAGO, ILL. 60603
22	INTERNATIONAL BOAT TOURS, INC.	544 RIVERSIDE DRIVE CLAYTON, N. Y. 13624
24	ISLE ROYALE FERRY SERVICE, INC.	ISLE ROYALE DOCK COPPER HARBOR, MICH. 49918
24	ISLE ROYALE NATIONAL PARK	87 NORTH RIPLEY STREET HOUGHTON, MICH. 49931
J		
26	JOLIET HARBOR SERVICE	ATTN: H. SCHREINER 620 TIMBERLINE DRIVE JOLIET, ILL. 60435

VIII

TABLE 1-ALPHABETICAL LIST OF TRANSPORTATION LINES

ENGR. DIST.	OPERATOR NAME	ADDRESS
23	JURICA, PETER	BOX 265 LELAND, MICH. 49654
	K	
24	KANER, ALAN C.	P. O. BOX 550 SUPERIOR, WIS. 54080
22	KINSMAN LINES	1401 ROCKEFELLER BLDG, CLEVELAND, OHIO 44113
24	KOOCH-I-CHING, CAMP	SUMMER: BOX 271, INTERNATIONAL FALLS, MINN. 56649 WINTER: 7754 CAMARGO ROAD CINCINNATI, OHIO 49243
	L	
22	LAKE TRANSPORTATION CO., INC.	24481 DETROIT RD. WESTLAKE, OHIO 44145
23	LIMESTONE OPERATIONS; UNITED STATES STEEL CORP.	ROGERS CITY, MICH. 49779
22	LITTON GREAT LAKES CORP.	FOOT OF HOLLAND ST. P. O. BOX 6241 ERIE, PA. 16512
23	LUEDTKE ENGINEERING COMPANY	10 FOURTH STREET FRANKFORT, MICH. 49635
	M	
24	MADLINE ISLAND FERRY LINE, INC.	LA POINTE, WIS. 54050
22	MARINE FUELING DIV, REISS OIL TERMINAL CORP.	1419 ILLUMINATING BLDG. 55 PUBLIC SQUARE CLEVELAND, OHIO 44113
26	MATERIALS SERVICE CORP. (DIVISION OF GENERAL DYNAMICS)	300 - 308 WEST WASHINGTON STREET CHICAGO, ILL. 60606
26	MERCURY SIGHTSEEING CO.	MICHIGAN AVENUE AND HACKER DRIVE CHICAGO, ILL. 60601
22	MILLER-ANDERSON CO.	1003 WEST FIFTH STREET ASHTABULA, OHIO 44004
23	MILLER BOAT LINE, INC.	PUT-IN-BAY, OHIO 43456
26	MORTON-NORWICH PRODUCTS, INC.	110 NORTH HACKER DRIVE CHICAGO, ILL. 60606
	N	
23	NATIONAL GYPSUM CO. (CEMENT DIVISION)	FORD AVENUE ALPENA, MICH. 49707
22	NATIONAL SAND AND GRAVEL, INC.	1334 WEST SIXTH STREET LORAIN, OHIO 44092

TABLE 1-ALPHABETICAL LIST OF TRANSPORTATION LINES

IX

ENGR. DIST.	OPERATOR NAME	ADDRESS
22	NEUMAN BOAT LINE, INC.	P. O. BOX 604 SANDUSKY, OHIO 44870
24	NICHEVO FERRY LINE, INC.	LA POINTE, WIS. 54890
23	NORFOLK & WESTERN RAILWAY CO.	115 12TH STREET DETROIT, MICH. 48216
24	NORTH STAR MARINE OPER., INC.	FOOT OF WEST SEVENTH AVENUE DULUTH, MINN. 55801
	O	
22	OGLEBAY NORTON CO. (COLUMBIA TRANSPORTATION DIVISION)	P. O. BOX 6508 CLEVELAND, OHIO 44101
22	OSBORNE MATERIAL COMPANY	P. O. BOX 217 GRAND RIVER, OHIO 44045
23	OUILLETTE, FRANK	1843 HILL ST. ALGONAC, MICH. 48001
	P	
23	PARKER BOAT LINE	PUT-IN-BAY, OHIO 43456
22	PAUL BOAT LINE, INC.	9 FULLER STREET ALEXANDRIA BAY, N. Y. 13607
26	PETERSON BUILDERS, INC.	334 SOUTH FIRST AVENUE STURGEON BAY, WIS. 54235
22	PICKANDS MATHER & CO., AGENTS	1100 SUPERIOR AVE. CLEVELAND, OHIO 44114
23	PICTURED ROCKS CRUISES, INC.	BOX 96 MUNISING, MICH. 49862
23	PLAUNT, RAYMOND	CHEBOYGAN, MICH. 49721
22	PRINGLE TRANSIT COMPANY	P. O. BOX 6508 CLEVELAND, OHIO 44101
	R	
26	RENARD, JOE	BOX 175 FORBESVILLE, WIS. 54213
23	RIVERVIEW EXCURSIONS LINES	3457 RIVER ROAD TOLEDO, OHIO 43614
26	ROEN SALVAGE CO.	180 E. REDWOOD ST. STURGEON BAY, WIS. 54235
26	ROSE MARINE, INC.	116 MAIN ST. LEHONT, ILL. 60439
22	RUSHO, LEON H.	GRINDSTONE ISLAND, N. Y. 13644
	S	
22	SANSEL ROPE & MARINE SUPPLY CO.	1310 WEST 11TH STREET CLEVELAND, OHIO 44113

X

TABLE 1—ALPHABETICAL LIST OF TRANSPORTATION LINES

ENGR DIST	OPERATOR NAME	ADDRESS
26	SCHMIDT, O. L., BARGE LINES, INC.	208 MAIN STREET LEHONT, ILL. 60439
24	SEAWAY TOWING, INC.	SUITE 400, SEAWAY BUILDING 802 GARFIELD AVE. DULUTH, MINN. 55802
26	SELVICK MARINE TOWING	3887 BAY SHORE DRIVE STURGEON BAY, WIS. 54235
26	SERVICE WELDING & CLEANING	P. O. BOX 352 LEHONT, ILL.
26	SHORELINE MARINE CO.	C/O GEORGE MARTIN 4645 W. NORTHSORE AVE. LINCOLNWAY, ILL. 60646
23	STARLINE PASSENGER SERVICE	BOX 453 MACKINAC ISLAND, MICH. 49757
23	STENDER, WILLIAM	1700 EVERGREEN DRIVE BAY CITY, MICH. 48706
23	STENDER, WILLIAM JR. AND MARTHA	1700 EVERGREEN DR. BAY CITY, MICH. 48706
23	STRAITS CAR FERRY SERVICE CORP.	120 OAK ST. TAWAS CITY, MICH. 48763
23	STRAITS MARINE CONST., INC.	CHEBOYGAN, MICH. 49721
23	STRAITS TRANSIT, INC.	BOX 220 MACKINAC ISLAND, MICH. 49757
22	SUNUP, INC.	2078 COLLIER DR. STRONGSVILLE, OHIO 44136
T		
24	THORNTON CONSTRUCTION CO., INC.	1028 ETHEL AVENUE HAWCOCK, MICH. 49930
22	TOPKY AND COOK'S HARDWARE COMPANY, INC.	1009 WEST FIFTH STREET ASHTABULA, OHIO 44004
26	TORCO OIL CO.	624 S. MICHIGAN CHICAGO, ILL. 60605
26	TRUMBULL RIVER SERVICES, INC.	P. O. BOX 11 LACON, ILL. 61540
23	TUG KILLARNEY, INC.	GROSSE ILE, MICH.
23	TUG TRANSIT CO.	BARK RIVER, MICH. 49807
U		
24	UNITED STATES STEEL CORPORATION (GREAT LAKES FLEET)	400 MISSABE BUILDING DULUTH, MINN. 55802
W		
26	WAGNER CHARTER CO.	4040 NORTH ROCKWELL STREET CHICAGO, ILL. 60618
23	WALPOLE - ALGONAC FERRY LINE, LTD.	101 RIVER DRIVE NORTH PT. LAMBTON, ONTARIO
26	WASHINGTON ISLAND FERRY LINES, INC.	WASHINGTON ISLAND, WIS. 54246

TABLE 1—ALPHABETICAL LIST OF TRANSPORTATION LINES

XI

ENGR DIST.	OPERATOR NAME	ADDRESS
26	WENDELLA SIGHTSEEING CO., INC.	C/O FRANK J. BAKER CO. 2600 W. TOLU CHICAGO, ILL. 60645
23	WESTCOTT, J. W., COMPANY, INC., THE	FOOT OF 24TH STREET DETROIT, MICH. 48222
23	WHITE BROS. SAND, INC.	1845 COLLINGWOOD BOULEVARD P. O. BOX 714 TOLEDO, OHIO 43695
26	WISCONSIN STEEL CORP.	ATTN: WALTER STACH 2800 EAST 106TH ST. CHICAGO, ILL. 60617
23	WONLEB-SOCIE COMPANY, THE	4814 290TH STREET TOLEDO, OHIO 43611
	Z	
24	ZENITH DREDGE CO.	200 SOUTH CENTRAL DULUTH, MINN. 55802

TABLE 2-DESCRIPTION OF VESSELS

ENGR. DIST.	OPERATOR		NET REGISTER TON- NAGE	DIMENSIONS (FEET)				DRAFT FEET		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT / FEET AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT
				LENGTH		BREADTH		LOADED	LIGHT		CARGO SHORT TONS	PASSENGERS (NO.)				
	NAME OR NUMBER	TYPE AND CONSTRUCTION		REGISTER	OVER-ALL	REGISTER	OVER-ALL									
(22)	ALLIED BUNKERING SERVICE DIVISION OF ASHLAND OIL, INC. L. G. LA DUCA II	TANKER, DIESEL, STEEL	351	1256	1300	316	320	120	55	700	900	-	50, MAST	2 6", 2 3" PUMPS, COILS	BUFFALO, N. Y.	1966
(23)	AMERICAN AND CANADIAN LOCK TOURS BIDE-A-MEE	MOTOR VESSEL, DIESEL, STEEL	88	647	647	230	250	65	60	240	-	272	28, MAST	NONE	SAULT STE. MARIE, MICH.	1955
	MIAMATYA	DO	76	647	647	230	250	65	60	240	-	272	DO	DO	DO	1999
	HOLIDAY	DO	76	647	647	230	250	65	60	240	-	272	DO	DO	DO	1957
(26)	AMOCO OIL COMPANY AMOCO ILLINOIS	TANKER, STEAM, STEEL	3962	4200	4347	550	550	229	130	2000	8160	-	86, FOREMAST	2 STEAM PUMPS	WHITING, IND.	1918
	AMOCO INDIANA	DO	3363	4834	4684	552	552	212	128	2600	8613	-	87, FOREMAST	4 STEAM PUMPS, COILS	DO	1937
	AMOCO WISCONSIN	DO	2724	3900	4006	535	535	219	128	2400	6552	-	88, FOREMAST	2 DIESEL PUMPS, 3 STEAM PUMPS, COILS	DO	1930
	A 51-54	BARGE, TANK, STEEL	2267	2950	2950	500	500	100	20	-	2200	-	30, PUMPHOUSE	DO	EVANSVILLE, IND.	1965
	A 55	DO	2360	2950	2950	500	500	90	30	-	2500	-	30, PUMP	DO	DO	1967
	A 56	DO	2360	2950	2950	500	500	90	30	-	2500	-	DO	DO	DO	1968
(23)	ANN ARBOR RAILROAD CO. VIKING	MOTOR, DIESEL-ELECTRIC, STEEL	1287	3480	3600	560	578	174	114	6000	+26	37579, SPAR	NONE	NONE	ELIBERTA, MICH.	1965
	CITY OF MILWAUKEE	STEAMER, STEEL	1488	3479	3600	562	571	165	115	2700	+26	1293.5, SPAR	DO	DO	MUSKEGON, MICH.	1931
(24)	APOSTLE ISLANDS INC. ISLANDER	OUTFITTERS, MOTOR, OIL SCREW, DIESEL, STEEL	36	580	600	189	190	60	50	240	35	11022, STACK	NONE	NONE	BAYFIELD, WIS.	1971
	CHIPPEWA	DO	56	615	650	179	190	99	75	250	30	10529, MAST	DO	DO	DO	1923
	SEA QUEEN II	MOTOR, OIL TWIN SCREW, DIESEL, STEEL	10	395	420	120	140	27	21	240	20	4954, MAST	DO	DO	DO	1971
(23)	ARNOLD TRANSIT COMPANY ALGOMAH	MOTOR, DIESEL, STEEL	55	844	950	310	310	75	70	920	-	60035, MAST	NONE	NONE	MACKINAC ISLAND, MICH.	1967
	CHIPPEWA	DO	55	844	910	298	298	75	70	800	-	600	DO	DO	DO	1974
	EMERALD ISLE	DO	56	630	700	250	250	80	73	360	75	25030, MAST	DO	DO	DO	1955
	MURON	DO	63	856	918	250	250	90	75	715	70	40035, MAST	DO	DO	DO	1972
	MACKINAC ISLANDER	DO	63	864	979	250	250	80	70	715	70	400	DO	DO	DO	1969
	MOHAWK	DO	63	864	979	250	250	80	70	730	70	400	DO	DO	DO	1970
	OTTAWA	DO	55	844	950	310	310	80	70	540	-	600	DO	DO	DO	1968
	SHANROCK	BARGE, OPEN, STEEL	46	560	600	202	212	71	51	-	50	-	6, RAIL	DO	DO	1927
(26)	ASHER MARINE RENTALS TIMMY A.	TUGBOAT, DIESEL, STEEL	12	355	400	108	120	50	40	145	-	-	12, MAST	NONE	STURGEON BAY, WIS.	1964
	COMMERCE	BARGE, STEEL	190	1140	1250	330	330	110	50	-	750	-	36, CRANE	10 TON CRANE	DO	1911
* RAILROAD CARS																

* RAILROAD CARS

TABLE 2-DESCRIPTION OF VESSELS

ENGR. DIST.	OPERATOR		NET REGIS- TER TON- NAGE	DIMENSIONS (FEET)				DRAFT (FEET)		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT (FEET) AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT
				LENGTH		BREADTH		LOADED	LIGHT		CARGO SHORT TONS	PASSENGERS NO.				
	NAME OR NUMBER	TYPE AND CONSTRUCTION		REGIS- TER	OVER- ALL	REGIS- TER	OVER- ALL									
(23)	ASHLAND OIL, INC. FUEL OIL	BARGE, TANK, STEEL	298	1320	1520	240	240	80	16	-	750	-	35, MAST	1 8" PUMP, 2 6" PUMP, HEATING COILS	DETROIT, MICH.	1934
(26)	BAY SHIPBUILDING CORP. (SUBSIDIARY OF MANITOWOC CO., INC.) BAYSHIP	TUGBOAT, STEEL	13	410	430	124	125	60	50	120	-	-	12, MAST	NONE	STURGEON BAY, WIS.	1943
(22)	BEACON HAUSHEER OH 1039 AX	MARINE CO, MOTOR, DIESEL, STEEL	5	350	350	100	100	33	30	125	5	-	4.5, CABIN	NONE	CLEVELAND, OHIO	1956
	OH 1040 AX BEACON	DO MOTOR, STEEL	5	344	344	94	94	33	30	115	4	-	DC	DO	DO	1947
			5	290	320	93	95	55	45	165	4	-	6, CABIN	DO	DO	1949
(23)	BEAVER ISLAND BOAT CO. BEAVER ISLANDER	MOTOR, OIL SCREW, DIESEL, STEEL	95	970	970	275	275	73	70	1000	95	200	25, LIGHT	2 LOADERS	CHARLEVOIX, MICH.	1962
	SOUTH SHORE	MOTOR, STEEL	40	600	649	240	240	85	65	248	40	120	20, LIGHT	NONE	DO	1945
(22)	BETHLEHEM STEEL CORP. (GREAT LAKES STEAMSHIP DIVISION) BURNS HARBOR	MOTOR, STEEL	33263	9900	10000	1050	1050	270	220	14400	68540	-	130, SPAR	SINGLE BELT 250' BOOM	CLEVELAND, OHIO	1980
	LEWIS WILSON FOY STEWART J. CORT	DO DO	33263	9900	10000	1050	1050	270	220	14400	68540	-	125, SPAR	DO	DO	1978
	ARTHUR B. HOMER	STEAMER, STEEL	29918	9893	10000	1050	1050	270	191	14400	64000	-	99.9, SPAR	SELF-UNLOADER	DO	1971
	JOHNSTOWN	DO	10225	8072	8260	751	751	280	196	8000	35000	-	91, SPAR	NONE	DO	*1975
	LEHIGH	DO	5948	6030	6980	702	702	269	185	7700	25800	-	98, SPAR	DO	DO	1952
	SPARROWS POINT	DO	5760	6038	6210	602	602	259	175	2500	18368	-	92, SPAR	DO	DO	1943
			5948	6830	6980	702	702	269	185	7700	24800	-	98, SPAR	SINGLE BELT 250' BOOM	DO	*1980
(26)	BIGANE VESSEL FUELING COMPANY OF CHICAGO JOS. F. BIGANE	STEAMER, STEEL	334	1300	1400	400	400	130	60	400	565	-	40, MAST	NONE	CHICAGO, ILL.	1973
(23)	BLUE WATER FERRY, LTD. DALDEAN	MOTOR VESSEL, DIESEL, STEEL	99	632	750	350	350	70	67	300	-	12522,	PILOTHOUSE	NONE	MARINE CITY, MICH.	1951
(23)	BOB-LO COMPANY COLUMBIA	STEAMER, STEEL	549	2000	2160	450	600	136	120	1217	-	256600,	MAST	NONE	DETROIT, MICH.	1902
	STE. CLAIRE	DO	507	1810	1970	500	650	140	125	1083	-	2416	DC	DO	DO	1910
(22)	BOLAND & CORNELIUS, INC. AMERICAN MARINER	MOTOR, DIESEL, STEEL	11245	7130	7300	780	780	300	190	7000	37300	-	90, SPAR	BELT, SELF- UNLOADER	BUFFALO, N. Y.	1980
	BELLE RIVER	DO	33534	9900	10000	1050	1050	275	220	14000	68540	-	125, LIGHT	DO	DO	1977
	BUFFALO	DO	8038	6130	6349	680	681	275	200	7000	24000	-	94, SPAR	DO	DO	1978
	CHARLES E. WILSON	DO	9712	6660	6800	780	780	299	140	7000	36800	-	DC	DO	DO	1973
	M. L. WHITE	DO	10348	6900	7040	750	780	307	190	7000	38928	-	DO	DO	DO	1974
	INDIANA HARBOR	DO	33534	9900	10000	1050	1050	340	220	14000	70010	-	125, SPAR	DO	DO	1979
	ROGER M. KYES	DO	12482	6648	6800	780	780	293	190	7000	30800	-	111, SPAR	DO	DO	1973
	ST. CLAIR	DO	22681	7600	7700	920	920	300	210	10500	50332	-	118, SPAR	DO	DO	1976

TABLE 2-DESCRIPTION OF VESSELS

ENGR. DIST.	OPERATOR		NET REGIS-TER TON- NAGE	DIMENSIONS (FEET)				DRAFT FEET		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT (FEET) AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT		
				LENGTH		BREADTH		LOADED	LIGHT		CARGO SHORT TONS	PASSENGERS (NO.)						
	REGIS-TER	OVER-ALL		REGIS-TER	OVER-ALL													
VESSEL																		
NAME OR NUMBER			TYPE AND CONSTRUCTION															
(22)	BOLAND & CORNELIUS, INC. (CONTINUED)																	
	NICOLET	MOTOR VESSEL, DIESEL, STEEL	5700	5130	5340	602	602	222	150	2875	13000	- 91, SPAR	BELT, SELF-UNLOADER	BUFFALO, N. Y.	DO	1965		
	RICHARD J. REISS	DO	7510	5920	6200	603	603	246	175	2950	16400	- 92, SPAR	BELT AND BUCKET, SELF-UNLOADER	DO	DO	1976		
	SAGINAW BAY	DO	6661	5800	6000	601	601	217	150	4320	14000	- 93, SPAR	DO	DO	DO	1964		
	SAM LAUD	DO	8036	6170	6349	680	680	276	200	7000	24000	- 94, SPAR	BELT, SELF-UNLOADER	DO	DO	1975		
	ADAM E. CORNELIUS	STEAMER, STEEL	8915	6500	6664	722	722	279	180	7700	25000	- DO	BELT AND BUCKET, SELF-UNLOADER	DO	DO	1959		
	CONSUMERS POWER	DO	6440	5860	6050	602	602	222	155	5500	14500	- 95, SPAR	BELT AND BUCKET CONVEYORS	ERIE, PA.	DO	1956		
	DETROIT EDISON	DO	10296	6610	6782	720	720	262	180	7700	24100	8 DO	BELT AND BUCKET, SELF-UNLOADER	BUFFALO, N. Y.	DO	1966		
	JOHN J. BOLAND	DO	9038	6220	6393	720	722	262	180	7700	21000	8 DO	DO	DO	DO	1953		
	JOHN T. HUTCHINSON	DO	6964	6050	6200	600	600	246	182	2900	16800	- 92, SPAR	BELT AND BUCKET CONVEYORS	DO	DO	1964		
	MCKEE SONS	DO	10940	6190	6377	716	716	275	180	9900	20700	205, SPAR	DO	DO	DO	1953		
	SHARON	DO	10783	6965	6721	680	682	272	210	7240	22300	- 120, SPAR	DO	DO	DO	1966		
(23)	BOOKER, M. E. MERVINE II	MOTOR, GASOLINE, STEEL	17	457	467	140	140	40	35	300	35	- 13, LIGHT	NONE	PUT-IN-BAY, OHIO	DO	1942		
(23)	BULTEMA DOCK AND DREDGE CO. DEFIANCE	TUG, DIESEL, STEEL	26	448	448	180	180	60	60	800	-	- 36, MAST	NONE	MUSKEGON, MICH.	DO	1966		
	CHARLEVOIX	TUGBOAT, DIESEL, STEEL	40	685	685	157	157	78	70	250	-	- 17, MAST	DO	DO	DO	1950		
	JAMES EDWARD	DO	14	421	421	128	128	52	52	150	-	- 18, MAST	DO	DO	DO	1945		
	MACKINAW CITY	DO	10	379	380	110	113	47	42	139	-	- 10, MAST	DO	DO	DO	1943		
	4803, 4806, 4808	BARGE, COVERED HOPPER	1035	1950	1950	350	350	124	22	-	1300	- 15, DECK	DO	DO	DO	1954		
	B-1, B-2	DECK SCOW, STEEL	670	1650	1650	425	425	84	20	-	1400	- 10.6, BULWARKS	DO	DO	DO	1976		
	B-3	DO	670	1650	1650	425	425	84	20	-	1400	- 6.6, DECK	DO	DO	DO	1976		
	B-5, B-7, B-8, B-16	DO	670	1650	1650	425	425	84	20	-	1400	- 11.6, BULWARKS	DO	DO	DO	1976		
	B-4, B-6	DO	670	1650	1650	425	425	84	20	-	1400	- 9.6, BULWARKS	DO	DO	DO	1972		
	B-9, B-10, B-11, B-12	DO	670	1650	1650	425	425	84	20	-	1400	- 12, BITT	DO	DO	DO	1974		
	B-13-B-15	DO	670	1650	1650	425	425	84	20	-	1400	- 9.6, BULWARKS	DO	DO	DO	1976		
	C 2, 3	DO	60	1000	1000	260	260	50	15	-	300	- 6.6, DECK	DO	DO	DO	1945		
	NO. 8	DO	145	1350	1350	350	350	59	15	-	600	- 8, DECK	DO	DO	DO	1923		
	NO. 26	DO	145	1350	1350	460	460	86	25	-	1200	- 9, DECK	DO	DO	DO	1968		
(23)	BULTEMA MARINE TRANSPORTATION AMERICAN VIKING	TUGBOAT, DIESEL, STEEL	99	804	850	240	240	120	115	2400	-	- 45, MAST	NONE	MUSKEGON, MICH.	DO	1976		
	BARBARA ANDRIE	DO	143	1155	1250	295	310	146	120	1900	-	- 62.5, MAST	DO	DO	DO	1940		
	JOHN PURVES	DO	296	1420	1500	275	280	160	135	2600	-	- 52, MAST	DO	DO	DO	1919		
	MUSKEGON	DO	109	675	750	240	240	115	90	1200	-	- 44, MAST	DO	DO	DO	1943		
(26)	CALUMET MARINE TOWING	TUGBOAT, DIESEL, STEEL	41	900	900	260	260	75	75	1300	-	- 15, PILOTHOUSE	NONE	WHITING, IND.	DO	1974		
	ADRIENNE B.	TUG, DIESEL, STEEL	64	810	850	216	250	104	80	1500	-	- DO	DO	CHICAGO, ILL.	DO	1944		
	CINDY B.	DO	25	688	760	185	190	65	76	850	-	- 16, PILOTHOUSE	DO	DO	DO	1937		

ENGR DIST	OPERATOR		NET REGIS- TER TON- NAGE	DIMENSIONS (FEET)				DRAFT FEET		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT (FEET) AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT
				LENGTH		BREADTH		LOADED	LIGHT		CARGO SHORT TONS	PASSENGERS (NO.)				
	REGIS- TER	OVER ALL		REGIS- TER	OVER ALL											
VESSEL																
NAME OR NUMBER		TYPE AND CONSTRUCTION														
(26)	CALUMET MARINE TOWING (CONTINUED)															
EDDIE B.	TUG, DIESEL, STEEL		39	633	930	175	180	100	90	1700	-	-	15, PILOTHOUSE	NONE	CHICAGO, ILL.	*1961
LENNY B.	DO		97	870	1000	250	280	120	82	4000	-	-	17.9, PILOTHOUSE	DO	DO	1945
TOMMY B.	DO		11	414	470	110	123	60	49	150	-	-	10, STACK	DO	DO	*1962
JK 80-411	BARGE, STEEL		246	1201	1201	301	301	75	10	-	125	-	8.5, TIMBERHEAD	DO	WHITING, IND.	1959
JK 80-413	DO		246	1201	1201	301	301	75	10	-	125	-	DO	DO	DO	1959
(22)	CEDAR POINT, INC.															
CEDAR POINT	MOTOR, DIESEL, STEEL		8	593	648	150	166	40	39	165	-	110	13, SPAR	NONE	SANDUSKY, OHIO	1952
CEDAR POINT II	DO		9	594	648	162	170	40	36	165	-	115	DO	DO	DO	1953
CEDAR POINT III	DO		8	593	648	150	166	40	39	165	-	110	DO	DO	DO	1952
(22)	CEMENT TRANSIT CO.															
BADGER STATE	MOTOR, STEEL		496	2137	2140	371	380	133	67	1200	1600	-	58, MAST	PUMPS	CLEVELAND, OHIO	1943
HULL NO. 3	STEAMER, STEEL		6793	6040	6200	600	600	252	150	2500	17962	-	80, SPAR	NONE	DO	1943
MEDUSA CHALLENGER	DO		5384	5300	5500	560	560	219	147	3000	11300	-	DO	48' BOOM, DIESEL CONVEYOR	DO	*1952
(23)	CHESAPEAKE & OHIO RAILWAY CO., THE															
BADGER	STEAMER, COAL, STEEL		2033	3937	4106	597	604	185	140	7000	+26	2358	5.6, SPAR	NONE	LUDINGTON, MICH.	1953
CITY OF MIDLAND 41	DO		833	3892	4070	582	586	185	140	6000	+26	1967	6, SPAR	DO	DO	1941
SPARTAN	DO		2033	3937	4106	597	604	185	140	7000	+26	2358	6, SPAR	DO	DO	1952
C & O 452	TUG, DIESEL, STEEL		234	986	986	301	301	117	117	2550	-	-	55, SPAR	DO	PORT HURON, MICH.	*1974
PERE MARQUETTE 10	BARGE, STEEL		2762	3860	4000	532	542	160	114	-	+24	-	56, FLAGPOLE	DO	DO	*1974
(22)	CLEVELAND-CLIFF															
CADILLAC	IRON CO., THE STEAMER, STEEL		6364	6040	6200	600	600	256	175	2500	18592	-	92, SPAR	NONE	CLEVELAND, OHIO	1943
CHAMPLAIN	DO		6472	6050	6200	600	600	256	182	2500	18592	-	DO	DO	DO	1943
CLIFFS VICTORY	DO		7309	6980	7163	620	620	272	220	8500	20944	-	91, SPAR	DO	DO	*1952
EDWARD B. GREENE	DO		10902	7490	7670	700	700	270	210	7000	29971	-	DO	DO	DO	*1976
PONTIAC	DO		5879	5884	6000	600	600	222	160	5000	15008	-	93, SPAR	DO	DO	*1955
RAYMOND M. REISS	DO		6496	5879	6000	600	600	224	157	4500	16240	-	82, SPAR	DO	DO	*1966
WALTER A. STERLING	DO		11661	8116	8260	790	790	281	220	7700	32480	-	95, SPAR	DO	DO	*1978
														SINGLE BELT CONVEYOR, LOOP SYSTEM		
WILLIAM G. HATNER	DO		6772	6010	6180	620	620	220	165	5000	15456	-	93, SPAR	NONE	DO	*1954
WILLIAM P. SNYDER, JR.	DO		5896	5973	6170	640	640	229	180	5000	16822	-	DO	DO	DO	*1950
WILLIS B. BOYER	DO		6650	5992	6170	640	640	229	180	4500	16688	-	DO	DO	DO	*1952
(24)	CLEVELAND-CLIFFS															
TIMBER QUEEN	IRON COMPANY TUG, DIESEL, STEEL		5	360	360	100	100	30	30	135	-	-	7, HOUSE	NONE	GRAND ISLAND, MICH.	1933
SILVICS	BARGE, OPEN DECK, STEEL		136	800	800	300	300	26	16	-	136	-	4.9, DECK	DO	DO	1979
(22)	CLEVELAND TANKERS, INC.															
GEMINI	TANKER, DIESEL, COMPARTMENTED, STEEL		5108	4204	4204	650	650	225	120	5000	11340	-	75, MAST	3 DIESEL PUMPS, COILS, DOUBLE BOTTOM & SIDE TANKS	CLEVELAND, OHIO	1978
* RAILROAD CARS																

TABLE 2-DESCRIPTION OF VESSELS

ENGR DIST	OPERATOR		NET REGIS- TER TON- NAGE	DIMENSIONS (FEET)				DRAFT FEET		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT (FEET) AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT
				LENGTH		BREADTH		LOADED	LIGHT		CARGO SHORT TONS	PASSENGERS (NO.)				
	NAME OR NUMBER	TYPE AND CONSTRUCTION		REGIS- TER	OVER ALL	REGIS- TER	OVER ALL									
(24)	DULUTH, MISSABE RAILWAY CO. EDNA G.	& IRON RANGE TUG, STEAM, COAL, STEEL	67	924	1020	230	230	156	156	1000	-	-	29.7, POLE	NONE	TWO HARBORS, MINN.	1896
(24)	DULUTH-SUPERIOR VISTA QUEEN	EXCURSIONS OIL SCREW, STEEL	39	455	780	230	230	52	40	456	-	260	21.5, STACK	NONE	DULUTH, MINN.	1973
(23)	DUNBAR & SULLIVAN F. W. CAMPHAUSEN	N DREDGING CO. MOTOR, STEEL	13	425	430	116	126	56	56	165	-	-	12.5, LIGHT	NONE	CHICAGO, ILL.	1939
	FRED S. EBERLE HALF BREED	DO TUGBOAT, DIESEL, STEEL	19	450	450	120	120	40	40	175	-	-	12, LIGHT	DO	DO	1933
			13	375	380	130	140	37	33	36	15	-	13.7, DERRICK	MAND DERRICK	DETROIT, MICH.	1929
	PADDY MILES SACHEM	DO DO	11	450	454	100	124	47	47	150	-	-	13.5, MAST	NONE	DO	1934
	WAMP THOMAS	DO TUG, DIESEL, STEEL	61	710	726	201	215	90	90	900	-	-	18.1, HOUSE	DO	DO	1907
			15	425	430	125	130	40	40	195	-	-	14, MAST	DO	CLEVELAND, OHIO	1968
	WILLIAM J. DUGAN CAPT. GEORGE CAPT. SAM CLYDE	DO TUG, STEEL DO DO BARGE, DECK, STEEL	83	907	940	209	220	110	94	900	-	-	24, MAST	DO	DO	*1956
			11	349	400	120	120	35	35	140	-	-	12, STACK	DO	DO	1954
			11	349	400	120	120	35	35	190	-	-	DO	DO	DO	1933
			563	1900	1500	400	410	90	40	-	500	-	10, COAMING	DO	DO	*1963
	NOS. 974, 975	DO	181	1350	1350	350	350	80	25	-	700	-	10, MAST	DO	CHICAGO, ILL.	1951
	CAPE TRAVIS	BARGE, HOPPER, STEEL	812	1461	1461	381	381	175	35	-	2443	-	32, MAST	DO	DETROIT, MICH.	1956
	GEORGE C. TEXTOR NO. 29	DO DO	813	1461	1461	381	381	175	35	-	2443	-	DO	DO	DO	1957
			433	1260	1270	347	350	105	30	-	500	-	12, COAMING	DO	CLEVELAND, OHIO	1931
	ROSE M	BARGE, STEEL	643	1090	1070	426	426	105	18	-	1250	-	15.5, HOUSE	DO	CHICAGO, ILL.	1954
	TOLEDO	BARGE, TANK, STEEL	343	1350	1350	340	340	95	60	-	828	-	17.3, HOUSE	PUMP, COILS	DETROIT, MICH.	1922
	NO. 717	DECK SCOW, STEEL	200	1280	1280	320	320	60	20	-	400	-	8, BITT	NONE	CHICAGO, ILL.	1953
	NO. 967	DO	109	1200	1260	300	300	60	17	-	300	-	9, BITT	DO	DO	1927
	NO. 972	DO	180	1320	1320	350	350	60	14	-	300	-	DO	DO	DO	1932
	NO. 978	DO	275	1300	1300	400	400	90	30	-	700	-	DO	DO	DO	*1962
	NO. 11	DUMP BARGE, STEEL	652	1765	1900	380	380	115	35	-	1000	-	16, HOUSE	DO	DO	1935
	NOS. 12, 16	DO	544	1620	1650	360	370	115	30	-	1000	-	15, HOUSE	DO	CLEVELAND, OHIO	1947
	NAPPER TANDY	DUMP SCOW, STEEL	713	1682	1682	402	402	114	30	-	1500	-	13.4, COAMING	DO	DETROIT, MICH.	1929
	NO. 918	DO	671	1565	1565	372	372	120	50	-	1138	-	16, HOUSE	DO	CHICAGO, ILL.	1928
	NO. 919	DO	550	1800	1800	387	387	125	50	-	1491	-	DO	DO	DO	1931
	NO. 921	DO	550	1800	1800	387	387	125	50	-	1485	-	DO	DO	DO	1936
	CRESCENT	FLAT BARGE, STEEL	423	1350	1350	340	340	66	23	-	570	-	7, COAMING	DO	DETROIT, MICH.	*1943
	NO. 225	DO	510	1500	1500	441	441	90	35	-	500	-	8.3, BITTS	DO	DO	*1963
	NO. 226	DO	125	1720	1740	440	440	80	35	-	2250	-	12, COAMING	DO	DO	1951
	NO. 227	DO	443	1477	1523	370	400	90	40	-	2250	-	8, LIGHT	DO	DO	1954
(23)	DUROCHER DOCK AND BETTY D.	AND DREDGE, INC. TUGBOAT, DIESEL, STEEL	11	345	400	120	130	35	35	180	-	-	12, MAST	NONE	CHEBOYGAN, MICH.	1933
	JOE VAN RAY DUROCHER	DO DO	22	482	570	150	165	70	70	331	-	-	17, MAST	DO	DO	1955
			14	424	455	125	125	51	51	230	-	-	18, MAST	DO	DO	1943

TABLE 2-DESCRIPTION OF VESSELS

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ENGR DIST	OPERATOR		NET REGIS- TER TON NAGE	DIMENSIONS (FEET)				DRAFT FEET		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT FEET AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT
				LENGTH		BREADTH		LOADED	LIGHT		CARGO SHORT TONS	PASSENGERS NO.				
	NAME OR NUMBER	TYPE AND CONSTRUCTION		REGIS- TER	OVER ALL	REGIS- TER	OVER ALL									
(23)	DUROCHER DOCK AND (CONTINUED)	D DREDGE, INC.														
WITCH		TUGBOAT, DIESEL, STEEL	10	308	420	94	94	30	30	165	-	-	12, MAST	NONE	CHEBOYGAN, MICH.	1934
NOR EASTER 904		TUG, DIESEL BARGE, DECK, STEEL	9 266	335 1200	404 1200	104 330	104 330	45 51	40 13	225 -	- 550	-	12, SPAR 25, MAST	DO DIESEL DERRICK	DO DO	1954 1925
907		DO	271	1400	1400	350	350	53	13	-	600	-	DO	DO	DO	1953
908		DO	319	1303	1303	320	320	53	13	-	600	-	11, RAIL	DO	DO	1929
DEPERE		DO	172	1180	1180	320	320	40	15	-	400	-	12, HOUSE	DO	DO	1924
M 1		BARGE, STEEL	121	1000	1000	249	249	49	10	-	121	-	14, CRANE	CRANE	DO	1924
PANAMA		BARGE, DECK, STEEL	656	2060	2060	403	403	68	20	-	1824	-	10.6, BITTS	NONE	DO	*1980
(23)	EASTERN UPPER PENNSULA TRANSIT AUTHORITY															
SUGAR ISLANDER		MOTOR	61	830	830	296	296	55	50	200	89	6024, MAST	NONE		SUGAR IS- LAND, MICH.	*1970
DRUMMOND ISLANDER		MOTOR, DIESEL, STEEL	99	789	789	300	300	77	70	300	30	14221, LIGHT	DO		SAULT STE. MARIE, MICH.	*1975
DRUMMOND ISLANDER II		DO	66	608	650	350	350	79	73	430	31	11829.5, FLAGPOLE AND STERN LIGHT	DO		DO	1961
(23)	ENGINE & LEASING CO. SE 103, 104	SCOW, STEEL	1048	1711	1711	431	431	100	30	-	2000	-	24, CABIN	NONE	SOUTH HAVEN, MICH.	1962
(24)	ERICKSON, EDWIN, FREIGHT SERVICE	MARINE														
CAPIN ED		MOTOR, DIESEL, STEEL	174	1005	1005	320	320	55	36	675	229	5524, ANTENNA	CRANE		BAYFIELD, WIS.	1942
OUTER ISLAND		DO	92	1035	1120	320	320	50	36	675	136	1228, ANTENNA	DO		DO	1942
(22)	ERICSON MARINE, ANTHONY	INC. DECK SCOW, STEEL	21	399	400	199	200	30	10	-	30	-	18, SPUDS	CRANE	CLAYTON, N. Y.	1955
ALKATRAZ		SCOW, STEEL	20	417	417	147	147	38	10	-	30	-	10, MAST	NONE	DO	1953
NIFLWEIM		DO	21	490	480	165	170	38	10	-	30	-	4, DECK	DO	DO	*1962
(22)	ERIE NAVIGATION DAY PECKINPAUGH JOHN R. EMERY	CO. MOTOR, STEEL DO	598 264	2422 1330	2430 1450	360 328	360 330	128 90	95 50	360 450	1700 500	- -	17, HOUSE 31, SPAR	PUMPS DO	ERIE, PA. DO	*1962 *1958
(22)	ERIE SAND STEAMSHIP CO, J. S. ST. JOHN LAKEMOOD	MOTOR, STEEL DO	406 2708	1650 3700	1740 3900	321 480	321 480	120 210	70 125	560 1600	762 5500	- -	35, SPAR 89, SPAR	SAND PUMP 2 DIESEL CRANES, SAND PUMP, BOOM PUMPS, DIESEL CRANE, BOOM	ERIE, PA. DO DO	*1967 *1957 *1959
NIAGARA		DO	1304	2495	2570	414	414	168	130	1250	2200	-	90, SPAR		DO	
(26)	EUBANKS, LIONEL GRAND HAVEN	TUGBOAT, DIESEL, STEEL	37	980	640	155	160	80	70	200	-	-	24.9, MAST	NONE	BLUE ISLAND, ILL.	1931
(23)	FAMOUS SOO LOCKS LE VOYAGEUR	CRUISES, INC. MOTOR, DIESEL, STEEL	48	650	650	250	250	80	70	227	-	29422, STACK	NONE		SOO, MICH.	1959
NOKOMIS		DO	48	650	650	250	250	80	70	227	-	283	DC	DO	DO	1959

TABLE 2-DESCRIPTION OF VESSELS

ENGR DIST.	OPERATOR		NET REGIS- TER TON NAGE	DIMENSIONS (FEET)				DRAFT 'FEET'		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT 'FEET' AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT
				LENGTH		BREADTH		LOADED	LIGHT		CARGO SHORT TONS	PASSENGERS (NO.)				
	NAME OR NUMBER	TYPE AND CONSTRUCTION		REGIS- TER	OVER- ALL	REGIS- TER	OVER- ALL									
(22)	FITZPATRICK, CHARLES W. H. B. KISHMAN	GASOLINE SCREW, STEEL	15	390	390	140	140	40	30	90	10	-	12, MAST	NONE	SACKETTS HARBOR, N. Y.	1941
(24)	FLAMINGO EXCURSIONS, VISTA KING	INC., OIL SCREW, STEEL	40	655	785	230	230	52	46	530	-	260	21.5, STACK	NONE	DULUTH, MINN.	1978
(23)	FORD MOTOR CO. (STEEL DIVISION)	MOTOR, DIESEL, STEEL	5193	5967	6120	620	623	220	170	3000	15200	-	88, FOREMAST	NONE	DEARBORN, MICH.	1924
	BENSON FORD	DO	5934	5975	6110	620	623	224	165	3000	15400	-	86, FOREMAST	SELF UNLOADER, BELT & BOOM	DO	1924
	HENRY FORD II	DO	5934	5975	6110	620	623	224	165	3000	15400	-	86, FOREMAST	SELF UNLOADER, BELT & BOOM	DO	1924
	ERNEST R. BREECH	STEAMER, STEEL	8472	6242	6420	670	670	255	170	4000	20520	-	85, FOREMAST	NONE	DO	1952
	JOHN DYKSTRA	DO	8083	6296	6440	670	670	254	180	5000	21100	-	90, FOREMAST	DO	DO	1953
	WILLIAM CLAY FORD	DO	11629	7494	7670	703	703	260	163	7000	22960	-	91, FOREMAST	DO	DO	1979
(26)	FRANSEE, ARTHUR IROQUOIS	C. MOTOR, OIL SCREW, STEEL	51	610	619	210	210	64	54	120	-	150	22, MAST	NONE	MILWAUKEE, WIS.	1946
(23)	GAELIC TUGBOAT CO. G. F. BECKER	TUGBOAT, DIESEL, STEEL	24	623	670	161	170	55	47	340	-	-	25, MAST	NONE	DETROIT, MICH.	1932
	DONEGAL	TUG, DIESEL, STEEL	63	800	800	210	210	102	83	800	-	-	40, MAST	DO	DO	1943
	GALWAY	DO	25	560	700	176	176	90	90	550	-	-	30, MAST	DO	DO	1951
	KINSALE	DO	93	785	870	220	230	110	98	1080	-	-	14, POLE	DO	DO	1961
	SHANNON	DO	98	1010	1010	260	260	120	30	2000	-	-	35, MAST	DO	DO	1979
	WILLIAM A. WHITNEY	DO	97	1080	1080	241	250	140	112	2000	-	-	40, MAST	DO	DO	1978
	CORTLAND	BARGE, TANK, STEEL	1278	2300	2300	420	420	140	30	-	2797	-	20, MAST	DIESEL PUMP	DO	1951
	GREENWOOD	DO	1242	2640	2640	-	113	86	13	-	2535	-	30, BOOM	DIESEL PUMP, HEATING COILS	DO	1957
	LSC 236	DO	584	1950	1950	350	350	100	20	-	1680	-	DO	DO	DO	1946
(23)	GILLESPIE, JEWELL AMERICAN GIRL	MOTOR, STEEL	36	620	640	140	140	80	65	150	45	-	25, SPAR	MOIST	BEAVER ISLAND, MICH.	1928
	MC 2	BARGE, DECK, STEEL	70	1000	1000	320	320	50	20	-	120	-	8, DECK	NONE	DO	1936
	OIL QUEEN	BARGE, TANK, STEEL	50	648	650	160	160	43	13	-	85	-	10.6, EXPANSION TRUNK	DO	DO	1949
(22)	GOODTIME TRANSIT, GOODTIME II	INC., TWIN SCREW, DIESEL, STEEL	55	840	960	290	310	70	65	570	-	474	26, LIGHTS	NONE	CLEVELAND, OHIO	1963
(24)	GRAND PORTAGE-ISLE TRANSPORTATION VOYAGEUR II	ROYALE LINE, INC., MOTOR, DIESEL, ALUMINUM	26	545	630	165	180	50	40	330	15	49	25, ANTENNA	NONE	GRAND PORTAGE, MINN.	1970
	A. E. CLIFFORD	MOTOR, DIESEL, STEEL	27	468	450	135	150	70	55	115	10	-	20, ANTENNA	DO	DULUTH, MINN.	1946

TABLE 2-DESCRIPTION OF VESSELS

ENGR DIST	OPERATOR		NET REGIS- TER TON- NAGE	DIMENSIONS (FEET)				DRAFT FEET		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT FEET AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT
				LENGTH		BREADTH		LOADED	LIGHT		CARGO SHORT TONS	PASSENGERS NO.				
	REGIS- TER	OVER- ALL		REGIS- TER	OVER- ALL											
VESSEL																
NAME OR NUMBER			TYPE AND CONSTRUCTION													
(24)	GRAND PORTAGE-ISLE ROYALE TRANSPORTATION LINE, INC. (CONTINUED)															
	MIAMATMA	MOTOR, DIESEL, STEEL	43	554	580	150	150	80	50	75	20	4027	ANTENNA	NONE	GRAND PORTAGE, MINN. DULUTH, MINN.	1938
	PROVIDER	DO	12	450	460	130	135	35	20	200	20	-	18, BOOM	BOOM	GRAND PORTAGE, MINN. DULUTH, MINN.	1959
	WENONAH	DO	39	620	649	194	200	70	55	240	-	15032	ANTENNA	NONE	GRAND PORTAGE, MINN. DULUTH, MINN.	1960
	VOYAGEUR I	MOTOR, DIESEL, WOOD	27	460	480	135	135	55	40	152	15	3225	ANTENNA	DO	GRAND PORTAGE, MINN. DULUTH, MINN.	1937
	NEE GEE	MOTOR, GASOLINE, WOOD	15	319	340	114	124	55	50	92	10	620	ANTENNA	DO	DO	1937
	RITA MARIE	DO	5	309	340	104	104	50	39	92	8	610	LIGHT	DO	DO	1942
	SHARON JON	DO	15	323	350	115	120	55	40	90	8	-	20, ANTENNA	DO	DO	1943
(22)	GREAT LAKES TOWNSHIP CO., THE															
	SOUTH CAROLINA	TUGBOAT, DIESEL, STEEL	69	790	850	211	220	117	110	1230	-	-	15.5, SPAR	NONE	CLEVELAND, OHIO	1948
	ALABAMA	TUGBOAT, DIESEL, STEEL	66	740	810	200	213	125	125	1200	-	-	DO	DO	DO	1957
	AMERICA	DO	71	830	903	212	225	135	135	1230	-	-	28, SPAR	DO	DETROIT, MICH.	1950
	ARIZONA	DO	66	780	843	200	213	125	125	1230	-	-	15.5, SPAR	DO	CHICAGO, ILL.	1955
	ARKANSAS	DO	66	740	810	199	213	125	125	1250	-	-	18.5, SPAR	DO	DETROIT, MICH.	1949
	CALIFORNIA	DO	66	740	810	199	213	125	125	1200	-	-	17.5, SPAR	DO	BUFFALO, N. Y.	1951
	COLORADO	DO	66	780	844	200	213	125	125	1230	-	-	15.5, SPAR	DO	CHICAGO, ILL.	1954
	CONNECTICUT	DO	66	740	810	199	213	125	125	1200	-	-	15, SPAR	DO	CLEVELAND, OHIO	1958
	DELAWARE	DO	66	740	810	199	213	125	125	1200	-	-	17.5, SPAR	DO	DO	1951
	FLORIDA	DO	67	710	810	201	213	125	125	1000	-	-	15.5, SPAR	DO	DO	1955
	GEORGIA	DO	135	1035	1100	220	220	120	110	1000	-	-	50, SPAR	DO	CHICAGO, ILL.	1952
	IDAH0	DO	66	780	844	200	213	125	125	1400	-	-	15.5, SPAR	DO	ASHTABULA, OHIO	1957
	ILLINOIS	DO	51	710	810	200	213	125	125	1250	-	-	18.5, SPAR	DO	CONNEAUT, OHIO	1949
	INDIANA	DO	66	740	810	199	213	125	125	1200	-	-	15, SPAR	DO	CLEVELAND, OHIO	1958
	IOWA	DO	66	740	810	199	213	125	125	1200	-	-	17.5, SPAR	DO	BUFFALO, N. Y.	1951
	KANSAS	DO	66	740	810	199	213	125	125	1250	-	-	15, SPAR	DO	ASHTABULA, OHIO	1958
	KENTUCKY	DO	66	780	843	200	213	125	125	1250	-	-	18.5, SPAR	DO	DETROIT, MICH.	1959
	LOUISIANA	DO	66	740	810	199	213	125	125	1250	-	-	DO	DO	DULUTH, MINN.	1950
	MAINE	DO	65	710	810	201	213	125	125	1230	-	-	15, SPAR	DO	DETROIT, MICH.	1951
	MARYLAND	DO	65	710	810	201	213	125	125	1230	-	-	18.5, SPAR	DO	TOLEDO, OHIO	1952
	MASSACHUSETTS	DO	66	780	843	200	213	125	125	1250	-	-	15, SPAR	DO	CHICAGO, ILL.	1959
	MINNESOTA	DO	58	680	810	200	213	125	125	1250	-	-	DO	DO	DO	1960
	MISSISSIPPI	DO	66	740	810	199	213	125	125	1200	-	-	DO	DO	MILWAUKEE, WIS.	1957

TABLE 2-DESCRIPTION OF VESSELS

ENGR DIST	OPERATOR		NET REGIS- TER TON NAGE	DIMENSIONS (FEET)				DRAFT (FEET)		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT (FEET) AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT	
				LENGTH		BREADTH		LOADED	LIGHT		CARGO SHORT TONS	PASSENGERS (NO.)					
	REGIS- TER	OVER- ALL		REGIS- TER	OVER- ALL												
VESSEL																	
NAME OR NUMBER			TYPE AND CONSTRUCTION														
(22)	GREAT LAKES TOWING CO., THE (CONTINUED)																
MISSOURI	TUGBOAT, DIESEL, STEEL	67	710	810	201	213	125	125	1230	-	-	15, SPAR	NONE		DETROIT, MICH.	*1956	
MONTANA	DO	66	788	843	200	213	125	125	1400	-	-	15.5, SPAR	DO		CONNEAUT, OHIO	*1956	
NEBRASKA	DO	66	788	843	200	213	125	125	1250	-	-	21, SPAR	DO		CLEVELAND, OHIO	*1955	
NEVADA	DO	66	788	843	200	213	125	125	1250	-	-	19, SPAR	DO		CHICAGO, ILL.	*1959	
NEW JERSEY	DO	66	788	810	201	213	125	125	1250	-	-	18.5, SPAR	DO		CLEVELAND, OHIO	*1959	
NEW MEXICO	DO	66	748	810	199	213	125	125	1230	-	-	19, SPAR	DO		CHICAGO, ILL.	*1957	
NEW YORK	DO	51	710	810	200	213	125	125	1250	-	-	17.5, SPAR	DO		DO	*1960	
NORTH DAKOTA	DO	66	748	810	199	213	125	125	1250	-	-	18.5, SPAR	DO		DULUTH, MINN.	*1949	
OHIO	DO	132	1062	1180	260	260	136	136	1750	-	-	50, SPAR	DO		CLEVELAND, OHIO	*1954	
OKLAHOMA	DO	66	748	810	199	213	125	125	1200	-	-	17.5, SPAR	DO		BUFFALO, N. Y.	*1951	
PENNSYLVANIA	DO	51	710	810	200	213	125	125	1400	-	-	19.9, SPAR	DO		CLEVELAND, OHIO	*1960	
RHODE ISLAND	DO	66	788	843	200	213	125	125	1250	-	-	18.5, SPAR	DO		DULUTH, MINN.	*1958	
SUPERIOR	DO	87	820	820	220	220	125	125	1230	-	-	22, SPAR	DO		CLEVELAND; OHIO	*1953	
TENNESSEE	DO	51	710	810	199	213	125	125	1400	-	-	17.5, SPAR	DO		DO	*1960	
TEXAS	DO	66	748	810	200	213	125	125	1200	-	-	DO	DO		MILWAUKEE, WIS.	*1951	
UTAH	DO	66	748	810	199	213	125	125	1250	-	-	DO	DO		CLEVELAND, OHIO	*1950	
VERMONT	DO	52	710	810	200	213	125	125	1250	-	-	18.5, SPAR	DO		DULUTH, MINN.	*1949	
VIRGINIA	DO	66	748	810	199	213	125	125	1200	-	-	17.5, SPAR	DO		CLEVELAND, OHIO	*1951	
WASHINGTON	DO	66	748	810	199	213	125	125	1200	-	-	15, SPAR	DO		MILWAUKEE, WIS.	*1951	
WYOMING	DO	71	788	843	200	213	125	125	1250	-	-	17.5, STACK	DO		CLEVELAND, OHIO	*1953	
(23)	GROSVENOR, GEORGE																
ISLAND CLIPPER	MOTOR, STEEL	7	439	484	130	130	50	40	320	4	40	10, ANTENNA	NONE		LELAND, MICH.	1954	
MANITOU ISLE	DO	34	520	520	140	140	50	40	200	15	67	12, ANTENNA	DO		DO	1946	
(23)	GUNNLAUGSON, JOHN GRIFFIN	MOTOR, STEEL	92	652	652	263	263	80	74	330	101	-	21.8, STACK	NONE		WASHINGTON ISLAND, WIS.	1946
(22)	HANNA MINING CO. GEORGE H. HUMPHREY	STEAMER, STEEL	10928	6904	7100	759	759	270	200	8500	27888	-	89, SPAR	NONE		CLEVELAND, OHIO	1954
GEORGE A. STINSON	DO	29412	10000	10000	1050	1050	290	210	16000	58000	-	116, ANTENNA	SELF UNLOADER		DO	1978	
JOSEPH H. THOMPSON	DO	8469	6960	7149	716	716	269	200	9000	24300	-	78.5, SPAR	NONE		DO	*1952	
LEON FALK JR.	DO	8811	7106	7300	751	751	281	200	6000	26992	-	90, SPAR		DO	DO	*1961	
PAUL H. CARNAHAN	DO	9317	7109	7308	751	751	280	200	6000	27000	-	DO	DO	DO	DO	*1961	

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ENGR DIST	OPERATOR		NET REGIS- TER TON- NAGE	DIMENSIONS (FEET)				DRAFT FEET		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT FEET AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT	
				LENGTH		BREADTH		LOADED	LIGHT		CARGO SHORT TONS	PASSENGERS NO.					
VESSEL			NAME OR NUMBER	TYPE AND CONSTRUCTION	REGIS- TER	OVER ALL	REGIS- TER			OVER ALL			LOADED	LIGHT	HORSE POWER	CARGO SHORT TONS	PASSENGERS NO.
(26)	ILLINI HARBOR SERVICES, INC.	BLACKHAWK	29	455	455	151	151	59	59	400	-	-	24.5, LIGHT	NONE	MENNEPIN, ILL.	1959	
	ELIZABETH WOLFE	DO	22	332	332	150	150	55	55	270	-	-	28.5, LIGHT	DO	DO	1944	
	ILLINI LEGEND	DO	65	720	720	240	240	60	60	800	-	-	29, LIGHT	DO	DO	1958	
	PRINCETON	DO	25	629	629	133	133	25	25	165	-	-	22.5, LIGHT	DO	DO	1928	
	SUSAN BEA	DO	65	720	720	240	240	60	60	660	-	-	28, LIGHT	DO	DO	1930	
	SPRING VALLEY	DO	23	554	554	166	166	58	58	550	-	-	DO	DO	DO	1951	
(26)	INLAND STEEL CO.	E. J. BLOCK	5990	5320	5520	560	560	222	153	2500	13500	-	80, SPAR	NONE	CHICAGO, ILL.	1945	
	JOSEPH L. BLOCK	DO	12524	7280	7280	780	780	276	190	7000	37572	-	90, SPAR	SELF-UNLOADER	DO	1976	
	EDWARD L. RYERSON	STEAMER, STEEL	7637	7120	7300	750	750	276	200	9000	27650	-	85, SPAR	NONE	DO	1960	
	L. E. BLOCK	DO	6967	6042	6210	640	642	229	162	4500	17100	-	81.2, SPAR	DO	DO	1953	
	PHILIP D. BLOCK	DO	7155	6983	6720	602	602	221	160	4500	16700	-	85.5, SPAR	DO	DO	1953	
	WILFRED SYKES	DO	7847	6800	6780	700	700	262	200	7000	24243	-	85, SPAR	SELF-UNLOADER	DO	1949	
(22)	INTERNATIONAL BOAT TOURS, INC.	AMERICAN ADONIS II	87	645	645	190	190	59	50	700	-	256	23, SPAR	NONE	CLAYTON, N. Y.	1972	
	AMERICAN NEPTUNE	DO	87	645	645	190	190	59	50	700	-	256	DO	DO	DO	1964	
	AMERICAN VENUS	DO	63	645	645	190	190	59	50	672	-	223	24, SPAR	DO	DO	1960	
	AMERICAN ADONIS	MOTOR, WOOD	47	610	610	147	147	46	31	575	-	157	18.5, SPAR	DO	DO	1943	
(24)	ISLE ROYALE FERRY SERVICE, INC.	ISLE ROYALE QUEEN II	44	570	650	184	184	56	50	495	10	5726	MAST	ELECTRIC HOIST	COPPER HARBOR, MICH.	1959	
(24)	ISLE ROYALE NATIONAL PARK	CHARLIE MOTT	28	524	560	140	140	47	37	450	34	-	26, MAST	NONE	ISLE ROYALE, MICH.	1953	
	RANGER III	DO	319	1920	1650	340	340	105	100	1220	100	125	47.5, MAST	4 TON DIESEL CRANE	MOUGHTON, MICH.	1958	
	J. E. COLOMBE	TUG, DIESEL, STEEL	25	450	450	125	125	48	43	235	-	-	22, MAST	HYDRAULIC PUMP, TRANSFER LIQUID	ISLE ROYALE, MICH.	1953	
	NPS 3	BARGE, DECK	134	1100	1100	320	320	75	19	-	400	-	17, HOUSE	8 TON DIESEL CRANE	DO	1952	
	GREENSTONE	BARGE, LIQUID TANK, COMPARTMENTED, STEEL	114	810	810	240	240	40	15	-	187	-	14, EXHAUST PIPE	DIESEL PUMP	DO	1977	
	NPS 1, 2	DO	15	450	450	180	180	25	16	-	21	-	3, VENT	NONE	DO	1953	
	NPS 4	SCOW, STEEL	25	430	430	210	210	40	15	-	20	-	3, DECK	DO	DO	1952	
(26)	JOLIET HARBOR SERVICE	2012	794	1950	1950	350	350	87	14	-	1376	-	12.6, BITT	NONE	JOLIET, ILL.	1957	
	CB 235	DO	639	1950	1950	350	350	90	15	-	1500	-	11.2, COAMING	DO	DO	1951	
	CBC 3	DO	790	1950	1950	350	350	90	15	-	1414	-	13.5, COAMING	DO	DO	1956	
	MV 603	DO	668	1950	1950	350	350	90	15	-	1438	-	14.5, TOWING KNEES	DO	DO	1950	
	MV 608, 610, 619, 621, 625	DO	628	1950	1950	350	350	90	18	-	1478	-	DO	DO	DO	1953	
(23)	JURICA, PETER	GLEN SHORE	28	594	680	210	210	50	30	270	120	-	16, PILOTHOUSE	NONE	LELAND, MICH.	1957	

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ENGR DIST	OPERATOR		NET REGIS- TER TON- NAGE	DIMENSIONS (FEET)				DRAFT (FEET)		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT (FEET) AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT
				LENGTH		BREADTH		LOADED	LIGHT		CARGO SHORT TONS	PASSENGERS (NO.)				
	NAME OR NUMBER	TYPE AND CONSTRUCTION		REGIS- TER	OVER- ALL	REGIS- TER	OVER- ALL									
(24)	KANER, ALAN C. MARINE TRADER	MOTOR, DIESEL, STEEL	45	648	648	142	142	58	50	175	20	-	12.5, MAST	NONE	SUPERIOR, MIS.	*1957
(22)	KINSMAN LINES ALASTAIR GUTHRIE	STEAMER, STEEL	6608	5886	6039	600	600	211	154	2200	13666	-	80, SPAR	NONE	CLEVELAND, OHIO	1922
	C. L. AUSTIN	DO	6497	5883	6040	583	583	214	150	1900	12500	-	DO	DO	DO	1911
	FRANK R. DENTON	DO	6153	5879	6030	580	580	214	153	1900	12565	-	DO	DO	DO	1911
	KINSMAN INDEPENDENT	DO	6213	5879	6000	600	604	222	160	2200	13900	-	88.9, SPAR	DO	DO	1923
	MERLE M. MCCURDY	DO	6271	5880	6010	582	582	213	160	1800	12700	-	91, SPAR	DO	DO	1910
	WILLIAM A. MCGONAGLE	DO	5480	5870	6000	600	600	224	154	2200	14100	-	91.3, SPAR	DO	DO	1916
(24)	KOOCH-I-CHING, CAMP KOOCH-I-CHING II	MOTOR, DIESEL, STEEL	14	490	490	120	120	40	35	140	4	45	15, MAST	NONE	RAMIER, MINN.	1951
	SAM	BARGE, DECK, STEEL	7	300	300	120	120	20	5	-	12	-	9, HCIST	HAND MOIST	DO	1964
(22)	LAKE TRANSPORTA- TION CO., INC. BUCKEYE	BARGE, STEEL	5157	5040	5240	540	540	210	150	-	11190	-	93, SPAR	2 85' CRANES, 1 200' BOOM		*1958
(23)	LIMESTONE OPERATIONS, UNITED STATES LIMESTONE	STEEL CORP. TUG, DIESEL- ELECTRIC, STEEL	99	879	943	241	255	135	120	1000	-	-	22, SPAR	NONE	CALCITE, MICH.	1952
(22)	LITTON GREAT LAKES CORP. M/V PRESQUE ISLE PRESQUE ISLE	TOWBOAT, STEEL BARGE, STEEL	1073 22259	1410 9744	1533 9746	543 1047	540 1047	270 286	240 120	14840 -	- 57200	- -	83, LIGHT 76, LIGHT	NONE SELF-UNLOADING- ELEC., 250' BOOM- 10,000 LTPH	ERIE, PA. DO	1973 1973
(23)	LUEDTKE ENGINEER- ING COMPANY MANSHIPCO	TUG, DIESEL	12	425	425	119	119	50	50	200	-	-	15, LIGHT	NONE	FRANKFORT, MICH.	*1936
	DUKE LUEDTKE	DO	32	687	687	170	170	110	110	900	-	-	30, LIGHT	DO	DO	*1974
	ERICH R. LUEDTKE	DO	12	425	425	119	119	50	50	200	-	-	15, LIGHT	DO	DO	*1973
	GRETCHEN B	DO	12	419	419	125	125	57	57	200	-	-	15, -	DO	DO	*1974
	KARL E. LUEDTKE	DO	13	952	952	149	149	63	63	600	-	-	17, LIGHT	DO	DO	*1978
	KURT R. LUEDTKE	DO	31	809	809	167	167	77	77	300	-	-	20, LIGHT	DO	DO	1929
	PAUL L. LUEDTKE	DO	12	425	425	119	119	50	50	200	-	-	15, -	DO	DO	*1979
	SCOW NO. 18	DECK SCOW	150	999	999	299	299	56	20	-	316	-	5, LIGHT	DO	DO	*1977
	SCOW NOS. 101-103	DO	521	1301	1301	380	380	112	20	-	850	-	10, LIGHT	DO	DO	1962
	SCOW NO. 104	DO	521	1301	1301	380	380	112	20	-	850	-	10, -	DO	DO	1962
	SCOW NO. 105	DO	333	1401	1401	351	351	74	20	-	550	-	8, LIGHT	DO	DO	1959
	SCOW NO. 106	DO	333	1400	1400	351	351	74	20	-	550	-	8, -	DO	DO	1959
	SCOW NO. 107	DO	309	1500	1500	320	320	74	20	-	500	-	DO	DO	DO	1963
	SCOW NO. 15	DUMP SCOW	326	1091	1091	320	320	107	20	-	540	-	10, LIGHT	DO	DO	1923
	SCOW NO. 17	DO	636	1509	1509	345	345	151	20	-	1350	-	10, LIGHT	HYDRO DUMP	DO	1973
	SCOW NO. 21	DO	308	1254	1254	315	315	115	20	-	625	-	10.5, LIGHT	DO	DO	1916
	SCOW NO. 281, 282	DO	193	960	960	281	281	86	20	-	405	-	8, LIGHT	NONE DO	DO	1956
(24)	MADELINE ISLAND INC. GAR HOW II	FERRY LINE, MOTOR, OIL SCREW, STEEL	34	604	648	240	240	65	55	150	50	150	25.3, SEARCHLIGHT	NONE	LA POINTE, MIS.	1953
	ISLAND QUEEN	DO	50	710	750	342	342	80	70	300	50	150	28, SEARCHLIGHT	DO	DO	1966

TABLE 2-DESCRIPTION OF VESSELS

ENGR DIST	OPERATOR		NET REGIS- TER TON- NAGE	DIMENSIONS (FEET)				DRAFT (FEET)		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT (FEET) AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT
				LENGTH		BREADTH		LOADED	LIGHT		CARGO SHORT TONS	PASSENGERS (NO.)				
	NAME OR NUMBER	TYPE AND CONSTRUCTION		REGIS- TER	OVER- ALL	REGIS- TER	OVER- ALL									
(24)	MADELINE ISLAND INC.	FERRY LINE.														
	(CONTINUED)															
	NICHEVO II	MOTOR VESSEL, STEEL	68	640	650	320	320	75	60	227	#10	150	20, LIGHT	NONE	LA POINTE, WIS.	1962
(22)	MARINE FUELING DIV. REISS OIL	TERMINAL CORP. TANKER, STEEL	270	1130	1166	316	316	106	70	450	575	-	45, BOOM	DIESEL PUMPS, HEATING COILS	CLEVELAND, OHIO	1960
	MARINE FUEL II	DO	81	970	1010	190	200	90	40	150	175	-	25, BOOM	DIESEL PUMPS	DO	1926
	REISS MARINE	DO	569	1417	1498	390	392	128	40	1350	1102	-	40, MAST	HYDRAULIC PUMPS, HEATING COILS	SUPERIOR, WIS.	1978
	WM. H. BENNETT	DO	86	990	1040	260	260	78	40	330	240	-	25, BOOM	DIESEL PUMPS	CLEVELAND, OHIO	1950
	ANNA	TUG, DIESEL, STEEL	17	471	900	149	170	60	60	200	-	-	17.5, MAST	NONE	DO	1964
	K 10	BARGE, TANK, COMPARTMENTED, STEEL	26	350	391	204	204	30	10	-	43	-	8, SUPER- STRUCTURE	DO	SUPERIOR, WIS.	1949
	MO 643	DO	664	1950	1950	350	350	83	26	-	1200	-	18, BOOM	DIESEL PUMPS, HEATING COILS	DETROIT, MICH.	*1971
(26)	MATERIALS SERVICE CORP. (DIVISION OF GENERAL DYNAMICS)	TUGBOAT, STEEL	136	795	795	285	285	94	94	1030	-	-	15, RETRACTABLE PILOTHOUSE	NONE	CHICAGO, ILL.	1967
	ALFRED HAGERTY															
	CPT. BILL MYMES	DO	97	806	860	240	250	67	56	750	-	-	13, SEARCHLIGHT	DO	DO	1946
	GEORGE W. LENNIE	DO	180	1035	1100	300	300	86	70	1600	-	-	13.5, RETRACTABLE PILOTHOUSE	DO	DO	1956
	HERMAN CROWN	DO	28	496	500	176	180	64	55	440	-	-	18, PILOTHOUSE	DO	DO	1963
	IDA CROWN	DO	50	663	700	210	210	53	45	750	-	-	13.9, RETRACTABLE PILOTHOUSE	DO	DO	1957
	IRVING CROWN	DO	184	951	1030	300	300	85	75	1600	-	-	DO	DO	DO	1952
	JOHN F.	DO	7	313	313	119	120	35	35	165	-	-	12, SEARCHLIGHT	DO	DO	1942
	LIMEY II	DO	21	396	396	156	156	58	58	330	-	-	17.5, PILOTHOUSE	DO	DO	1947
	MARIETTE	DO	57	600	600	220	220	85	85	750	-	-	30, SEARCH- LIGHT	DO	MORRIS, ILL.	1966
	MORRIS #1	DO	39	900	913	200	212	60	50	670	-	-	28.5, SEARCH- LIGHT	DO	DO	1973
	RUTH E	DO	26	461	500	176	180	50	46	440	-	-	31, SEARCHLIGHT	DO	DO	1960
	TORPEDO II	DO	21	396	396	156	156	58	58	330	-	-	17.5, PILOTHOUSE	DO	CHICAGO, ILL.	1967
	NOS. 750-759	BARGE, DECK, STEEL	635	2000	2000	350	350	106	19	-	1704	-	14, COAMING	DO	DO	1975
	MSC 71, 72	BARGE, STEEL	150	1300	1300	300	300	80	20	-	700	-	9.2, COAMING	DO	MORRIS, ILL.	1940
	MSC 201-206	DO	969	1950	1950	350	350	90	14	-	1350	-	12, COAMING	DO	DO	1960
	MSC 207-216	DO	985	1950	1950	350	350	90	14	-	1350	-	DO	DO	DO	1963
	MSC 304, 305, 307-309	DO	961	1950	1950	350	350	78	15	-	1350	-	11.5, CARGO BOX	DO	DO	1958
	MSC 957-966	DO	989	1950	1950	350	350	89	15	-	1423	-	DO	DO	DO	1951
	MSC 606, 607, 609	DO	475	1800	1800	350	350	90	12	-	1500	-	14, COAMING	DO	DO	*1942
											# VEHICLES					

TABLE 2—DESCRIPTION OF VESSELS

ENGR DIST	OPERATOR		NET REGIS- TER TON- NAGE	DIMENSIONS (FEET)				DRAFT FEET		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT (FEET) AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT		
				LENGTH		BREADTH		LOADED	LIGHT		CARGO SHORT TONS	PASSENGERS (NO.)						
	REGIS- TER	OVER ALL		REGIS- TER	OVER ALL													
VESSEL																		
NAME OR NUMBER			TYPE AND CONSTRUCTION															
(26) MATERIALS SERVICE CORP. (DIVISION OF GENERAL DYNAMICS) (CONTINUED)																		
MSC 700-709			BARGE, STEEL		585	1950	1950	350	350	85	15	-	1423	-	11.5, CARGO BOX	NONE	MORRIS, ILL.	1954
MSC 725			DO		640	1950	1950	350	350	76	16	-	1300	-	13, COAMING DO	DO	DO	1941
MSC 800-809			DO		585	1950	1950	350	350	100	15	-	1730	-	11.5, CARGO BOX	DO	CHICAGO, ILL.	1951
MSC 900-905			DO		644	1950	1950	350	350	106	16	-	1730	-	12.6, COAMING DO	DO	DO	1955
MSC 906-919			DO		644	1950	1950	350	350	100	16	-	1500	-	DO	DO	DO	1956
MSC 1100			DO		627	1950	1950	350	350	85	12	-	1450	-	9.1, CARGO BOX	DO	DO	1943
MSC 1103, 1104			DO		590	1950	1950	350	350	90	20	-	1479	-	14, COAMING DO	DO	DO	1970
MSC 1105-1109			DO		609	2000	2000	350	350	104	20	-	1563	-	DC	DO	LOCKPORT, ILL.	1973
MSC 7900			DO		676	1950	1950	350	350	113	22	-	1462	-	15.3, COAMING	DO	CHICAGO, ILL.	1956
(26) MERCURY SIGHTSEEING CO. MERCURY SCENICRUISER MOTOR, STEEL																		
					38	590	650	170	170	43	43	400	-	120	14.6, WINDSHIELD	NONE	CHICAGO, ILL.	1956
SKYLINE QUEEN			DO		31	620	660	176	176	49	47	470	-	127	DO	DO	DO	1959
(22) MILLER-ANDERSON CO. KAY MOTOR LAUNCH, GASOLINE, STEEL																		
					6	360	360	90	90	40	30	104	6	-	8, LIGHT	NONE	ASHTABULA, OHIO	1949
(23) MILLER BOAT LINE, INC. PUT-IN-BAY MOTOR, STEEL																		
					62	603	649	310	335	80	65	440	89	150	27, LIGHT	NONE	PUT-IN-BAY, OHIO	1959
WEST SHORE			DO		64	602	649	300	305	80	65	230	87	24	22, LIGHT	DO	DO	1947
WILLIAM M. MILLER			DO		65	602	649	310	329	85	70	380	89	25	31, JACKSTAFF	DO	DO	1954
(26) MORTON-NORWICH PRODUCTS, INC. MORTON SALT 74 BARGE, COVERED HOPPER, STEEL																		
					740	1950	1950	350	350	120	20	-	2101	-	15, WATCH	NONE	DETROIT, MICH.	1974
(23) NATIONAL GYPSUM CO. (CEMENT DIVISION) PAUL W. TOWNSEND MOTOR, DIESEL, STEEL																		
					2825	4310	4470	501	501	221	136	2200	7900	-	89, MAST	CEMENT PUMPS AND ELEVATORS	ALPENA, MICH.	1958
E. M. FORD			DO		3388	4860	4280	500	500	213	131	1500	7342	-	86, MAST	CEMENT PUMPS	DO	1957
J. A. W. IGLEHART			DO		6175	4860	5016	683	683	300	92	4000	11400	-	92, MAST	CEMENT PUMPS AND ELEVATORS	DO	1964
J. B. FORD			DO		3199	4200	4400	500	500	204	132	1500	8695	-	85, MAST	CEMENT PUMPS	DO	1959
LEWIS G. HARRIMAN			DO		2763	3400	3500	551	551	205	130	1500	5600	-	77, MAST	CEMENT PUMPS AND ELEVATORS	DO	1923
S. T. CRAPO			DO		2942	3920	4000	603	603	210	136	1800	7500	-	84, MAST	DO	DO	1927
(22) NATIONAL SAND AND GRAVEL, INC. JAMES B. LYONS MOTOR, DIESEL, STEEL																		
					108	1124	1140	230	230	112	35	400	450	-	27, SPAR	SAND PUMP, DIESEL WINCH	LORAIN, OHIO	1963
(22) NEUMAN BOAT LINE, INC. CHALLENGER MOTOR, DIESEL, STEEL																		
					48	609	700	250	255	90	80	340	60	250	26, SPAR	NONE	SANDUSKY, OHIO	1947
COMMUTER			DO		64	611	647	331	331	70	55	220	-	155	23, SPAR	DO	DO	1960
CORSAIR			DO		8	610	646	330	330	70	55	220	-	120	DO	DO	DO	1955
KELLEY ISLANDER			DO		65	671	1000	330	343	73	67	680	-	149	28, SPAR	DO	DO	1969
# VEHICLES																		

TABLE 2-DESCRIPTION OF VESSELS

ENGR DIST	OPERATOR		NET REGIS- TER TON- NAGE	DIMENSIONS (FEET)				DRAFT (FEET)		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT (FEET) AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT	
				LENGTH		BREADTH		LOADED	LIGHT		CARGO (SHORT TONS)	PASSENGERS (NO.)					
	NAME OR NUMBER	TYPE AND CONSTRUCTION		REGIS- TER	OVER- ALL	REGIS- TER	OVER- ALL										
(22)	PAUL BOAT LINE, INC. (CONTINUED)																
	SPRAY VI	MOTOR VESSEL, DIESEL, WOOD	10	483	500	105	105	35	30	215	-	479	CABIN	NONE	ALEXANDRIA BAY, N. Y.	1925	
(26)	PETERSON BUILDERS, INC. STRAITS OF MACKINAC	STEAM SCREW, STEEL	272	1961	2030	481	481	114	108	1100	-	925	70.3, LIGHTS	NONE	STURGEON BAY, WIS.	1928	
	ESCORT	TUGBOAT, DIESEL, STEEL	10	472	500	140	150	73	63	200	-	-	12, LIGHTS	DO	DO	1955	
	ESCORT II	DO	8	471	500	124	130	70	63	200	-	-	11, LIGHTS	DO	DO	1969	
	PBI NO. 1	BARGE, STEEL	216	958	960	350	360	67	15	-	200	-	30, SPUDS	DO	DO	1957	
(22)	PICKANDS MATHER & CO., AGENTS JAMES R. BARKER	STEAMER, DIESEL, STEEL	29629	9900	10000	1050	1050	288	230	16000	52678	-	101, MAST	SELF-UNLOADER	CLEVELAND, OHIO	1976	
	MESABI MINER	DO	29629	9900	10000	1050	1050	288	230	16000	52678	-	DO	DO	DO	1977	
	CHARLES M. BEEGHLY	STEAMER, STEEL	10290	7864	8060	750	750	283	180	8500	35900	-	90, SPAR	NONE	DO	DO	*1972
	E. G. GRACE	DO	6472	6048	6200	600	600	251	175	2500	18043	-	92, SPAR	DO	DO	*1963	
	ELTON HOYT 2ND	DO	7665	6830	6980	700	700	270	180	7000	26000	-	DO	SELF-UNLOADER	DO	DO	*1980
	HARRY COULBY	DO	7457	6152	6310	650	650	230	159	5000	18030	-	80, SPAR	NONE	DO	DO	*1957
	HERBERT C. JACKSON	DO	7370	6706	6901	751	751	276	180	6000	27665	-	98.5, SPAR	SELF-UNLOADER	DO	DO	*1975
	J. L. MAUTHE	DO	8421	6200	6470	700	700	268	180	7000	24000	-	85, SPAR	NONE	DO	DO	1952
	JOHN SHERWIN	DO	12405	7860	8060	750	750	280	180	8500	35000	-	90, SPAR	DO	DO	*1973	
	SAMUEL MATHER	DO	6793	6040	6200	600	600	254	175	4000	18200	-	92, SPAR	DO	DO	1960	
(23)	PICTURED ROCKS MINERS CASTLE	CRUISES, INC. MOTOR, OIL SCREW, STEEL	62	620	680	170	170	50	50	460	-	20418	LIGHT	NONE	MUNISING, MICH.	1974	
	MISS MUNISING	DO	40	597	680	137	140	44	44	570	-	13114	LIGHT	DO	DO	1967	
	PICTURED ROCKS	DO	37	557	600	137	140	44	44	730	-	130	DO	DO	DO	1972	
(23)	PLAUNT, RAYMOND CHAR-LEANN II	MOTOR, STEEL	10	413	420	105	120	50	45	225	14	2810	LIGHT	NONE	CHEBOYGAN, MICH.	1954	
	CHEE-MAUN-NES	DO	14	647	647	160	160	50	45	310	18	4916	LIGHT	DO	DO	1960	
	NO. 409	BARGE, STEEL	12	320	320	160	160	40	20	-	16	-	4, LIGHT	DO	DO	1956	
(22)	PRINGLE TRANSIT PAUL THAYER	COMPANY MOTOR VESSEL, DIESEL, STEEL	5708	6121	6300	682	682	260	170	5400	18800	-	188, SPAR	BOOM	CLEVELAND, OHIO	1973	
	WILLIAM R. ROESCH	DO	6477	6121	6300	682	682	260	170	5400	18800	-	DO	DO	DO	1973	
(26)	RENARD, JOE LOLLIPOP	MOTOR, WOOD	5	310	310	106	106	270	240	370	2	249.2	LIGHT	NONE	STURGEON BAY, WIS.	1962	
(23)	RIVERVIEW EXCURSIONS ARAWANNA II	IONS LINES MOTOR, LAUNCH, GASOLINE, WOOD	9	427	430	115	120	39	30	165	-	5012	LIGHT	NONE	TOLEDO, OHIO	1931	
(26)	ROEN SALVAGE CO. ARROW	TUGBOAT, DIESEL, STEEL	29	973	973	151	151	75	75	700	-	-	17, MAST	NONE	STURGEON BAY, WIS.	*1953	
	CHAS. ASHER	DO	14	493	493	176	176	68	68	550	-	-	21, MAST	DO	DO	1967	
	SPUDS	DO	13	414	445	124	124	60	50	120	-	-	13.5, LIGHT	DO	DO	1946	
	LOUIS S.	TUGBOAT, STEEL	8	410	410	124	124	50	40	150	-	-	8, LIGHT	DO	DO	*1956	
(26)	ROSE MARINE, INC. 1157	BARGE, COVERED HOPPER, STEEL	874	1951	1951	351	351	87	17	-	1431	-	16, COVER	NONE	LEMONT, ILL.	1959	

TABLE 2-DESCRIPTION OF VESSELS

ENGR. DIST.	OPERATOR		NET REGIS- TER TON- NAGE	DIMENSIONS (FEET)				DRAFT (FEET)		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT, FEET AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT
				LENGTH		BREADTH		LOADED	LIGHT		CARGO SHORT TONS	PASSENGERS (NO.)				
	REGIS- TER	OVER- ALL		REGIS- TER	OVER- ALL											
VESSEL																
NAME OR NUMBER			TYPE AND CONSTRUCTION													
(22)	RUSHO, LEON M. OAK GROVE	MOTOR, STEEL	29	532	532	140	140	40	20	450	20	-	10, RAMP	NONE	GRINDSTON ISLAND, N. Y.	1953
(22)	SAMSEL ROPE & MARINE SUPPLY CO., AVIS E.	MOTOR, OIL, STEEL	8	393	420	108	110	42	38	100	4	-	12, MAST	NONE	CLEVELAND, OHIO	1942
	PUTZFRAU	DO	13	324	374	138	140	50	34	165	20	-	14, MAST	2 TON HYDRAULIC BOOM & VACUUM SYSTEM	DO	1930
	SANCHO	DO	4	365	365	120	120	47	38	165	15	-	12.6, MAST	4 TON HYDRAULIC CRANES	DO	1950
(26)	SCHMIDT, O. L., INC., ROBERT M.	BARGE LINES, TUGBOAT, STEEL	44	612	612	180	180	57	52	800	-	-	15.1, ANTENNA	NONE	LEMONT, ILL.	1971
	BETTY GALE	TUG, STEEL	56	782	850	240	260	79	70	900	-	-	16, ANTENNA	DO	DO	1955
	ELLEN C	DO	78	780	820	260	260	86	84	1100	-	-	16, PILOTHOUSE	DO	DO	1968
	NO. 25	BARGE, TANK, STEEL	1192	2540	2540	540	540	106	14	-	2500	-	16, PUMP	PUMP-DOUBLE SIDED COILS	DO	1948
	NO. 26	DO	1192	2540	2540	540	540	106	14	-	2500	-	DO	DO	DO	1949
	NO. 28	DO	1312	2400	2400	525	525	102	20	-	2500	-	17, PUMP	DEEP WELL PUMP, DOUBLE SIDED	DO	1957
	NO. 29	DO	1387	2540	2540	540	540	110	14	-	2500	-	16, PUMP	DO	DO	1952
	OLS 30	DO	2210	2731	2731	543	543	140	25	-	3500	-	17, LIGHT	2 PUMPS	DO	1980
(24)	SEAWAY TOWING, INC., GREEN BAY	TUGBOAT, DIESEL, STEEL	36	740	740	194	194	110	110	750	-	-	21.8, MAST	NONE	GREEN BAY, WIS.	1912
	SEAWAY NO. 1	DO	64	850	850	184	184	90	90	800	-	-	24, MAST	DO	HOLLAND, MICH.	1900
	STE. MARIE I	DO	46	810	810	200	200	124	124	1000	-	-	22.6, MAST	DO	SAULT STE. MARIE, MICH.	1921
	STE. MARIE II	DO	65	810	810	200	200	124	124	1000	-	-	DO	DO	DO	1913
(26)	SELVICK MARINE TOWING BONNIE O. SELVICK	TUGBOAT, DIESEL, STEEL	65	798	860	211	216	120	113	1000	-	-	21, PILOTHOUSE	NONE	MILWAUKEE, WIS.	1928
	JOHN M. SELVICK	DO	174	1120	1180	242	242	140	110	1500	-	-	30, MAST	DO	DO	*1941
	MINNIE SELVICK	DO	134	1053	1100	241	246	120	88	1680	-	-	30.7, MAST	DO	DO	1934
	STEVEN M. SELVICK	DO	50	667	700	170	170	110	110	600	-	-	30, MAST	DO	DO	1969
	WILLIAM C. SELVICK	DO	97	801	843	230	230	120	94	1000	-	-	27.5, MAST	DO	DO	1944
(26)	SERVICE WELDING CB 223	& CLEANING BARGE, OPEN HOPPER, STEEL	639	1950	1950	350	350	90	15	-	1500	-	11.2, COAMING	NONE	LEMONT, ILL.	1951
	CB 247	DO	620	1950	1950	350	350	90	15	-	1500	-	DO	DO	DO	1952
(26)	SHORELINE MARINE CO., MARLYN	MOTOR, STEEL	48	650	650	250	250	70	70	450	-	300	20, WHEELHOUSE	NONE	CHICAGO, ILL.	1961
	SHORELINE	DO	32	617	617	154	160	45	43	400	-	100	14, WINDSHIELD	DO	DO	*1953
(23)	STARLINE PASSENGER SERVICE MARQUETTE	MOTOR, DIESEL, STEEL	33	800	800	220	220	110	40	380	-	-	20, PILOTHOUSE	NONE	ST. IGNACE, MICH.	1979

TABLE 2—DESCRIPTION OF VESSELS

ENGR DIST	OPERATOR		NET REGIS- TER TON- NAGE	DIMENSIONS (FEET)				DRAFT FEET		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT, FEET AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT
				LENGTH		BREADTH		LOADED	LIGHT		CARGO SHORT TONS	PASSENGERS (NO.)				
	REGIS- TER	OVER- ALL		REGIS- TER	OVER- ALL											
VESSEL																
NAME OR NUMBER			TYPE AND CONSTRUCTION													
(23)	STARLINE PASSENGER SERVICE (CONTINUED)															
LASALLE	MOTOR, STEEL	33	649	649	170	170	45	40	330	-	139	17.6, CABIN	NONE		ST. IGNACE, MICH.	1962
(23)	STENDER, WILLIAM ALABAMA		1325	2500	2500	455	460	157	90	-	3000	22, LIGHT	CRANE		BAY CITY, MICH.	1964
(23)	STENDER, WILLIAM CAPAMA S.		19	558	640	124	130	70	60	500	-	24, LIGHT	NONE		BAY CITY, MICH.	1955
FLOYD SR. ALBERT S	DO BARGE, STEEL	7 97	252 650	330 650	123 300	130 300	60 50	56 20	160 -	- 85	- -	12, LIGHT 20, LIGHT	DO DO	DO DO	DO DO	1964 1950
(23)	STRAITS CAR FERRY SERVICE CORP. CHIEF HAWATAM		1793	3368	3510	620	620	207	155	4500	+22	89	1.6, SPAR	NONE	ST. IGNACE, MICH.	1911
(23)	STRAITS MARINE CONST., INC. NON-WESTER		5	300	310	100	100	42	40	160	-	10, SPAR	NONE		SAULT STE MARIE, MICH.	1970
M 2 M 3	BARGE, STEEL DO	24 50	471 650	471 650	169 170	169 170	31 34	8 10	- -	24 30	- -	12, CRANE 13, CRANE	CRANE DO	DO DO	DO DO	1954 1979
(23)	STRAITS TRANSIT, INC. ISLAND PRINCESS		43	711	717	219	219	41	40	1050	-	200	22, PILOT HOUSE	NONE	MACKINAW CITY, MICH.	1973
ISLAND QUEEN	MOTOR VESSEL, DIESEL, STEEL	54	649	644	270	300	56	50	460	-	350	25, PAST	DO	DO	DO	1966
STRAITS OF MACKINAC II	DO	64	708	899	270	270	56	50	960	-	446	32, PAST	DO	DO	DO	1969
(22)	SUNUP, INC. WAY-EL		5	925	530	160	160	49	35	175	-	57	17.6, PAST	NONE	CLEVELAND, OHIO	1984
(24)	THORNTON CONSTRUCTION Co., INC. SHANNON 66 - 5		6	445	490	143	160	50	40	125	12	-	15, SPAR	NONE	HANNOCK, MICH.	1950
(22)	TOPKY AND COOK'S HARDWARE COMPANY, INC. JUDY BETH		-5	300	300	92	92	32	32	104	4	-	5.1, HOUSE	NONE	ASHTABULA, OHIO	1948
(26)	TORCO OIL CO, TY 7000		1710	2975	2975	545	545	90	20	-	3130	-	4.5, PUMP	NONE	CHICAGO, ILL.	1973
TY 7001	DO	814	1475	1475	545	545	90	20	-	814	-	5, PUMP	DO	DO	DO	1973
TY 7002	DO	1701	2975	2975	545	545	90	20	-	3200	-	4.5, PUMP	DO	DO	DO	1973
TY 7003	DO	1717	2975	2975	545	545	90	20	-	3200	-	DO	DO	DO	DO	1973
TY 7004	DO	1710	2975	2975	545	545	90	20	-	3374	-	17.1, EXHAUST	DO	DO	DO	1974
TY 7005	DO	1717	2975	2975	545	545	90	20	-	3200	-	DO	DO	DO	DO	1974
TY 7006	DO	1710	2975	2975	545	545	90	20	-	3200	-	DO	DO	DO	DO	1974
TY 7007	DO	814	1475	1475	545	545	90	20	-	1600	-	DO	DIESEL PUMPS, HEATERS	DO	DO	1974
(26)	TRUMBULL RIVER SERVICES, INC. MAUD		25	463	463	180	180	46	45	425	-	26, LIGHT	NONE		LACON, ILL.	1962
NIANTIC	DO	36	461	461	180	180	46	45	680	-	35, ANTENNA	DO	DO	DO	DO	1977
* RAILROAD CARS																

TABLE 2-DESCRIPTION OF VESSELS

ENGR DIST	OPERATOR		NET REGIS- TER TON- NAGE	DIMENSIONS (FEET)				DRAFT (FEET)		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT, FEET AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT
				LENGTH		BREADTH		LOADED	LIGHT		CARGO SHORT TONS	PASSENGERS (NO.)				
	VESSEL NAME OR NUMBER	TYPE AND CONSTRUCTION		REGIS- TER	OVER- ALL	REGIS- TER	OVER- ALL									
(26) TRUMBULL RIVER SERVICES, INC. (CONTINUED)																
PEQUOT TRS 100	TOMBOAT, STEEL BARGE, DECK, STEEL	12 83	240 650	240 650	86 200	86 200	23 10	23 10	230 -	- 300	- -	5, TONKNEES 3, LIGHT	NONE DO	LACON, ILL. DO	1953 1950	
(23) TUG KILLARNEY, INC. MARINE FUELER	BARGE, TANK, COMPARTMENTED, STEEL	357	1440	1440	270	270	90	20	-	750	-	15, 800M	DIESEL PUMPS, HEATING COILS	DETROIT, MICH.	1923	
(23) TUG TRANSIT CO. OLIVE L. MOORE	TOMBOAT, DIESEL, STEEL	202	1250	1250	270	271	139	139	2000	-	-	16, ANTENNA	NONE	ESCANABA, MICH.	1968	
(24) UNITED STATES STEEL CORPORATION (GREAT LAKES FLEET)																
CALCITE II	MOTOR, STEEL	6301	5878	6040	600	602	223	160	3240	14550	-	91, SPAR	ELECTRIC CONVEYOR BELTS	ROGERS CITY, MICH.	1964	
EDGAR B. SPHER	DO	28553	9900	10000	1050	1050	320	280	19260	61000	-	96.6, LIGHT	SELF-UNLOADER	DULUTH, MINN.	1980	
EDWIN H. GOTT	DO	30690	9900	10000	1050	1050	320	276	19500	61000	-	97.3, SPAR	DO	DO	1978	
EUGENE P. THOMAS	DO	6190	5885	6040	600	604	222	160	2250	15560	-	90.9, SPAR	NONE	DO	1963	
EUGENE W. PARGNY	DO	6659	5800	6000	600	602	224	160	3570	15720	-	90.1, SPAR	DO	DO	1951	
MYRON C. TAYLOR	DO	6552	5885	6038	600	602	222	160	4400	14340	-	95, SPAR	ELECTRIC CONVEYOR BELTS	ROGERS CITY, MICH.	1968	
OJIBWAY	DO	25	604	640	221	221	73	53	135	25	-	55, ANTENNA	CATERPILLAR CRANE	SAULT STE. MARIE, MICH.	1946	
ROGER BLOUGH	DO	14114	8330	8580	1050	1055	279	200	14000	49970	-	83, SPAR	SELF-UNLOADER	DULUTH, MINN.	1972	
THOMAS W. LAMONT	DO	6268	5880	6040	600	604	224	160	3240	15684	-	85.6, SPAR	NONE	DO	1965	
A. M. FERBERT	STEAMER, STEEL	6403	6227	6395	670	673	257	160	4000	21450	-	90, SPAR	DO	DO	1942	
ARTHUR M. ANDERSON	DO	10827	7493	7670	700	702	270	190	7000	29700	-	DO	DO	DO	1952	
AUGUST ZIESING	DO	6143	5800	6000	600	602	219	160	2200	14960	-	92.9, SPAR	DO	DO	1917	
B. F. AFFLECK	DO	6311	5880	6040	600	604	225	160	2200	15560	-	84.5, SPAR	DO	DO	1927	
BENJAMIN F. FAIRLESS	DO	6403	6227	6395	670	673	257	160	4000	21450	-	90, SPAR	DO	DO	1942	
CASON J. CALLAWAY	DO	10706	7494	7670	700	702	270	190	7000	29700	-	DO	DO	DO	1952	
ENDERS M. VOORHEES	DO	6403	6227	6395	670	673	257	160	4000	21450	-	DO	DO	DO	1942	
GEORGE A. SLOAN	DO	7300	6040	6206	600	603	255	175	2500	17677	-	92, SPAR	ELECTRIC CONVEYOR BELTS	ROGERS CITY, MICH.	1967	
HOMER D. WILLIAMS	DO	6656	5800	6000	600	602	224	160	3000	15720	-	85.2, SPAR	NONE	DULUTH, MINN.	1951	
MORACE JOHNSON	DO	6511	5872	6040	600	603	223	160	2200	15230	-	88.9, SPAR	DO	DO	1929	
IRVIN L. CLYMER	DO	5557	5378	5520	600	603	224	160	4000	13610	-	95, SPAR	ELECTRIC CONVEYOR BELTS	ROGERS CITY, MICH.	1954	
IRVING S. OLDS	DO	6404	6227	6395	670	673	257	160	4000	21450	-	90, SPAR	NONE	DULUTH, MINN.	1942	
JOHN B. MUNSON	DO	11336	7528	7680	720	722	274	190	7000	28725	-	105, SPAR	ELECTRIC CONVEYOR BELTS	ROGERS CITY, MICH.	1952	
JOHN MULST	DO	6130	5932	6117	600	604	228	160	2000	15730	-	88.7, SPAR	NONE	DULUTH, MINN.	1938	
JOSHUA A. MATFIELD	DO	6213	5864	6000	600	604	222	160	2200	15400	-	89.5, SPAR	DO	DO	1923	
LEON FRASER	DO	6401	6227	6395	670	673	257	160	4000	21450	-	90, SPAR	DO	DO	1942	
PHILIP R. CLARKE	DO	10827	7493	7670	700	702	270	190	7000	29000	-	DO	DO	DO	1952	
RALPH M. WATSON	DO	6130	5932	6117	600	604	222	160	2000	15700	-	88.7, SPAR	DO	DO	1938	
ROBERT C. STANLEY	DO	6793	6039	6210	600	603	253	175	2500	16390	-	92, SPAR	DO	DO	1943	
ROGERS CITY	DO	5760	5378	5520	600	603	232	160	4000	13940	-	95, SPAR	ELECTRIC CONVEYOR BELTS	ROGERS CITY, MICH.	1955	
SEWELL AVERY	DO	6472	6090	6200	600	603	254	183	2500	18900	-	92, SPAR	NONE	DULUTH, MINN.	1943	

TABLE 2-DESCRIPTION OF VESSELS

ENGR. DIST.	OPERATOR		NET REGIS-TER TON- NAGE	DIMENSIONS (FEET)				DRAFT (FEET)		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT (FEET) AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT
				LENGTH		BREADTH		LOADED	LIGHT		CARGO (SHORT TONS)	PASSENGERS (NO.)				
	REGIS-TER	OVER-ALL		REGIS-TER	OVER-ALL											
VESSEL																
NAME OR NUMBER			TYPE AND CONSTRUCTION													
(24)	UNITED STATES STEEL CORPORATION (GREAT LAKES FLEET)															
	(CONTINUED)															
	T. W. ROBINSON	STEAMER, STEEL	6118	5738	5880	600	602	227	160	3600	14800	- 95, SPAR	ELECTRIC CONVEYOR BELTS		ROGERS CITY, MICH.	1925
	WILLIAM A. IRVIN	DO	6072	5932	6108	600	604	227	160	2000	15790	- 88.7, SPAR	NONE		DULUTH, MINN.	1938
(26)	WAGNER CHARTER CO. TRINIDAD	MOTOR VESSEL, STEEL	99	960	1000	230	230	90	90	360	-	15017.5, PILOTHOUSE	NONE		CHICAGO, ILL.	1926
(23)	WALPOLE - ALGONAC FERRY LINE, LTD.	MOTOR, DIESEL, STEEL	26	920	600	200	200	70	65	257	86	3820, SPAR	NONE		ALGONAC, MICH.	1946
(26)	WASHINGTON ISLAND FERRY LINES, INC.	MOTOR, STEEL	55	693	708	250	250	65	75	430	120	10027.5, LIGHT	NONE		WASHINGTON ISLAND, WIS.	1950
	C. G. RICHTER	DO	39	826	870	325	340	74	61	510	150	15039, ANTENNA	DO		DO	1970
	EYRARBAKKI	DO	66	859	900	350	350	80	65	730	150	17540, ANTENNA	DO		DO	1979
	ROBERT NOBLE VOYAGEUR	DO	66	868	890	350	350	80	65	430	150	15023.4, LIGHT	DO		DO	1980
(26)	WENDELLA SIGHTSEEING CO., INC.	MOTOR, STEEL	31	670	670	200	200	40	40	600	-	14014.6, SPAR	NONE		CHICAGO, ILL.	1958
	WENDELLA CLIPPER	DO	23	680	680	170	170	90	90	400	-	10014.3, SPAR	DO		DO	1961
(23)	WESTCOTT, J. W. COMPANY, INC., THE	MOTOR, DIESEL, STEEL	9	443	461	133	139	45	39	179	-	- 13.5, SPAR	NONE		DETROIT, MICH.	1949
(23)	WHITE BROS. SAND, INC.	PUSHER TONBOAT, TWIN SCREW, DIESEL, STEEL	20	450	450	150	150	48	48	440	-	- 19, LIGHT	NONE		TOLEDO, OHIO	1969
	SAND PEBBLE	DO	99	1100	1100	300	300	95	12	-	450	- 9.9, CARGO BOX	DO		DO	1969
	NOS. 1-3	DO	100	996	996	350	350	66	20	-	450	- 9.8, CARGO BOX	DO		DO	1970
(26)	WISCONSIN STEEL CORP.	STEAMER, OIL, STEEL	6277	5863	5870	602	602	216	160	2200	14800	- 86, FOREMAST	NONE		CHICAGO, ILL.	1923
(23)	WOMLES-SOCIE COMPANY, THE	TONBOAT, STEEL	20	923	550	139	140	55	35	500	-	- 10, PILOTHOUSE	NONE		TOLEDO, OHIO	1947
	BESSIE B.	DO	675	1941	1941	344	344	104	20	-	500	- 8, HATCHWAYS	DO		DO	1957
(24)	ZENITH DREDGE CO.	PUSHER TUG, DIESEL, STEEL	13	908	570	110	120	60	47	145	-	- 14, LIGHT	NONE		DULUTH, MINN.	1937
	SEA BIRD	DO	57	643	643	169	169	76	76	200	-	- 12, POLE	DO		DO	1944
	HOWARD T. HAGEN	DO	7	368	368	99	102	50	25	135	-	- 13, POLE	DO		DO	1962
	JOHN V. II	DO														
												# VEHICLES				

VEHICLES

TABLE 2-DESCRIPTION OF VESSELS

ENGR. DIST.	OPERATOR		NET REGIS- TER TON- NAGE	DIMENSIONS (FEET)				DRAFT (FEET)		HORSE POWER	CAPACITY		HIGHEST FIXED POINT ABOVE WATER WHEN LIGHT (FEET) AND NATURE	CARGO HANDLING EQUIPMENT	VESSEL OPERATING BASE	YEAR BUILT OR REBUILT
				LENGTH		BREADTH		LOADED	LIGHT		CARGO (SHORT TONS)	PASSENGERS (NO.)				
	REGIS- TER	OVER- ALL		REGIS- TER	OVER- ALL											
VESSEL																
NAME OR NUMBER			TYPE AND CONSTRUCTION													
(24)	ZENITH DREDGE CO. (CONTINUED)															
	MELVIN L.	TUGBOAT, DIESEL, STEEL	7	342	349	99	102	30	25	135	-	-	13, POLE	NONE	DULUTH, MINN.	1941
	DONALD C. MACDONALD	TUG, DIESEL, STEEL	10	432	432	125	125	65	50	198	-	-	12, PILOTHOUSE	DO	DO	1954
	ADELE	BARGE, DECK, STEEL	829	1410	1410	410	410	90	25	-	700	-	46, DERRICK	30 TON MOIST	DO	1910
	FAITH	DO	684	1260	1260	380	380	160	30	-	700	-	40, DERRICK	DO	DO	1906
	NO. 16	DUMP SCOW, STEEL	303	1256	1243	315	322	115	45	-	700	-	14.5, HOUSE	DUMPING MECHANISM	DO	1947
	NO. 17	DO	303	1257	1244	316	323	120	45	-	700	-	DO	DO	DO	1955

TABLE 3-DESCRIPTION OF OPERATIONS

23

ENGR. DIST.	OPERATOR NAME	SERVICE 1. REGULATED BY INTERSTATE COM- MERCE COMMISSION (Common or Contract) 2. EXEMPT. FOR HIRE 3. PRIVATE	PRINCIPAL COMMODITIES CARRIED	POINTS OR LOCALITIES AND WATERWAYS BETWEEN WHICH OR ON WHICH OPERATED
22	ALLIED BUNKERING SERVICE DIVISION OF ASHLAND OIL, INC.	2	BUNKER OILS	BUFFALO, LACKAWANNA, AND NIAGARA RIVER HARBOR, N. Y.
23	AMERICAN AND CANADIAN LOCK TOURS	2	PASSENGERS	ST. MARYS RIVER
26	AMOCO OIL COMPANY	3	PETROLEUM PRODUCTS--ANHYDROUS AMMONIA	GREAT LAKES AND ST. LAWRENCE SEAWAY TO MASSENA, N. Y.; ILL. RIVER, UPPER MISS. RIVER AND LOWER MISS. RIVER AND INTERCOASTAL CANAL
23	ANN ARBOR RAILROAD CO.	1	RAILROAD CARS--LOADED AND LIGHT	FRANKFORT, MICH; TO MANITOWOC AND KEMAUNEE, WIS.
24	APOSTLE ISLANDS OUTFITTERS, INC.	2	PASSENGERS	BAYFIELD-APOSTLE ISLANDS AND CHEQUAMAGON BAY
23	ARNOLD TRANSIT COMPANY	2	FREIGHT AND PASSENGERS	MACKINAC ISLAND, ST. IGNACE, AND MACKINAW CITY, MICH.
26	ASHER MARINE RENTALS	2	TOWING	GREAT LAKE HARBORS
23	ASHLAND OIL, INC.	3	BULK PETROLEUM PRODUCTS	LAKE ERIE, ST. CLAIR RIVER AND LAKE, AND DETROIT RIVER
26	BAY SHIPBUILDING CORP. (SUBSIDIARY OF MANITOWOC CO., INC.)	2	TOWING	STURGEON BAY, WIS. AREA
22	BEACON HAUSWEER MARINE CO.	3	MARINE SUPPLIES	LAKE ERIE AND CLEVELAND HARBOR AREA
23	BEAVER ISLAND BOAT CO.	2	PASSENGERS, MISCELLANEOUS CARGO, AND AUTOS	CHARLEVOIX - BEAVER ISLAND AND RETURN
22	BETHLEHEM STEEL CORP. (GREAT LAKES STEAMSHIP DIVISION)	2	BULK COAL, ORE, AND STONE	GREAT LAKE PORTS
26	BIGANE VESSEL FUELING COMPANY OF CHICAGO	3	OIL	CALUMET RIVER, INDIANA HARBOR, BURNS HARBOR, GARY, AND BUFFINGTON
23	BLUE WATER FERRY, LTD.	2	AUTOS AND PASSENGERS	SONORA, ONTARIO, MARINE CITY, AND ST. CLAIR RIVER
23	BOB-LO COMPANY	2	PASSENGERS	ST. CLAIRE RIVER--FORT GRATOIT, MICH.; DETROIT RIVER; AND LAKE ST. CLAIRE
22	BOLAND & CORNELIUS, INC.	2	COAL, STONE, SAND, GYPSUM, SALT, ORE, GRAIN, AND POTASH	GREAT LAKE PORTS AND ST. LAWRENCE SEAWAY
23	BOOKER, M. E.	2	PASSENGERS	LAKE ERIE
23	BULTEMA DOCK AND DREDGE CO.	3	TOWING AND CONSTRUCTION EQUIPMENT	LAKE AND RIVER HARBORS ON LAKE MICHIGAN, ENTIRE GREAT LAKES, MISSISSIPPI RIVER SYSTEM, AND CONTINENTAL UNITED STATES
23	BULTEMA MARINE TRANSPORTATION	3	TOWING AND CONSTRUCTION EQUIPMENT	LAKE AND RIVER HARBORS ON LAKE MICHIGAN, ENTIRE GREAT LAKES, MISSISSIPPI RIVER SYSTEM, CONTINENTAL UNITED STATES
26	CALUMET MARINE TOWING	3	GENERAL TOWING AND CHARTERING	ALL GREAT LAKES--GARY, IND. HARBOR; CALUMET AND CHICAGO, ILL. HARBOR AREAS; EAST COAST
22	CEDAR POINT, INC.	2	PASSENGERS	SANDUSKY BAY AREA
22	CEMENT TRANSIT CO.	3	CEMENT, IRON ORE, COAL, AND GRAIN	GREAT LAKE PORTS AND CONNECTING WATERWAYS

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TABLE 3—DESCRIPTION OF OPERATIONS

ENGR. DIST.	OPERATOR NAME	SERVICE		PRINCIPAL COMMODITIES CARRIED	POINTS OR LOCALITIES AND WATERWAYS, BETWEEN WHICH OR ON WHICH OPERATED
		1. REGULATED BY INTERSTATE COM- MERCE COMMISSION (Common or Contract)	2. EXEMPT, FOR HIRE 3. PRIVATE		
23	CHESAPEAKE & OHIO RAILWAY CO., THE	1		RAILROAD CARS--LOADED AND LIGHT	ST. CLAIR RIVER--PORT HURON, MICH. TO SARNIA, ONTARIO; LAKE MICHIGAN--LUDINGTON, MICH. TO MILWAUKEE, MANITOWOC, AND KEWAUNEE, WIS.
22	CLEVELAND-CLIFF IRON CO., THE	2		COAL, GRAIN, ORE, AND STONE	GREAT LAKE PORTS
24	CLEVELAND-CLIFFS IRON COMPANY	3		FOREST PRODUCTS	GRAND ISLAND, POWELLS POINT, LAKE SUPERIOR, AND HUNISING BAY AREA, MICH.
22	CLEVELAND TANKERS, INC.	2		PETROLEUM PRODUCTS	GREAT LAKE PORTS
22	COMBINED 1000 ISLAND BOAT TOURS, INC.	2		PASSENGERS	ALEXANDRIA BAY, N. Y. AND HEART ISLAND, BROCKVILLE, WELLSLEY ISLAND, AND GANANOGUE, ONTARIO
22	CONNELLY BROS. SHIP CHANDLERS, INC.	3		SHIP SUPPLIES	BUFFALO HARBOR, N. Y. AREA
23	CONSOLIDATION COAL COMPANY	3		SUPPLIES, TRUCKS, STEEL FREIGHT, AND CONSTRUCTION EQUIPMENT	LOWER ST. MARYS RIVER
26	CONSTRUCTION AGGREGATES CORP.	3		TOWING AND SAND	GRAND HAVEN, MICH. AND LAKE MICHIGAN AREAS; EAST COAST AND GULF OF MEXICO
24	DULUTH, MISSABE & IRON RANGE RAILWAY CO.	2		HARBOR TOWING AND ICE BREAKING IN HARBOR	LAKE SUPERIOR AND HARBOR AT TWO HARBORS
24	DULUTH-SUPERIOR EXCURSIONS	2		PASSENGERS	DULUTH-SUPERIOR HARBOR, ST. LOUIS RIVER, AND VARIOUS LAKE SUPERIOR PORTS
23	DUNBAR & SULLIVAN DREDGING CO.	3		TOWING AND CONSTRUCTION MATERIALS	GREAT LAKES
23	DUROCHER DOCK AND DREDGE, INC.	2		TOWING AND MARINE CONSTRUCTION	GREAT LAKES AND CONNECTING WATERWAYS
23	EASTERN UPPER PENINSULA TRANSIT AUTHORITY	2		VEHICLES AND PASSENGERS	ST. MARYS RIVER--DETOUR, MICH. AND DRUMMOND ISLAND
23	ENGINE & LEASING CO.	-		CHARTERS TO OTHERS	
24	ERICKSON, EDWIN, MARINE FREIGHT SERVICE	2		LOGS AND MISCELLANEOUS	ASHLAND AND DAYFIELD, WIS. TO APOSTLE ISLAND AND VARIOUS GREAT LAKE PORTS
22	ERICSON MARINE, INC.	2		CONSTRUCTION EQUIPMENT	ST. LAWRENCE RIVER AND LAKE ONTARIO BARGE CANAL
22	ERIE NAVIGATION CO.	2		BULK CARGO	NEW YORK STATE BARGE CANAL; GREAT LAKES
22	ERIE SAND STEAMSHIP CO.	2		SAND, GRAVEL, STONE, COAL, COKE, AND SALT	GREAT LAKE PORTS
26	EUBANKS, LIONEL	-			IDLE
23	FAMOUS 300 LOCKS CRUISES, INC.	2		PASSENGERS	ST. MARYS RIVER AND SAULT STE. MARIE, MICH. HARBOR AREAS
22	FITZPATRICK, CHARLES W.	3		FREIGHT	SACKETTS HARBOR TO GALLOUP ISLAND, N. Y.
24	FLAMINGO EXCURSIONS, INC.	2		PASSENGERS	DULUTH-SUPERIOR HARBOR, ST. LOUIS RIVER AND VARIOUS LAKE SUPERIOR PORTS
23	FORD MOTOR CO. (STEEL DIVISION)	3		IRON ORE, LIMESTONE, AND COAL	GREAT LAKE PORTS
26	FRANSE, ARTHUR C.	2		PASSENGERS	MILWAUKEE AND MILEO HARBOR AREAS

TABLE 3-DESCRIPTION OF OPERATIONS

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ENGR. DIST.	OPERATOR NAME	SERVICE 1. REGULATED BY INTERSTATE COM- MERCE COMMISSION (Common or Contract) 2. EXEMPT. FOR HIRE 3. PRIVATE	PRINCIPAL COMMODITIES CARRIED	POINTS OR LOCALITIES AND WATERWAYS BETWEEN WHICH OR ON WHICH OPERATED
23	GAELIC TUGBOAT CO.	2	BULK OIL	GREAT LAKES
23	GILLESPIE, JEWELL	2	MISCELLANEOUS, GASOLINE, AND FUEL OIL	BEAVER ISLAND TO CHARLEVOIX, MICH.
22	GOODTIME TRANSIT, INC.	2	PASSENGERS	CLEVELAND HARBOR AND CUYAHOGA RIVER
24	GRAND PORTAGE-ISLE ROYALE TRANSPORTATION LINE, INC.	2	PASSENGERS, FISH, AND MAIL	ISLE ROYALE AND WEST END OF LAKE SUPERIOR
22	GREAT LAKES TOWING CO., THE	2	TOWING	GREAT LAKES AND CONNECTING WATERWAYS
23	GROSVENOR, GEORGE	2	U. S. MAIL AND MISCELLANEOUS PACKAGE FREIGHT	LELAND TO NORTH AND SOUTH MANITOU ISLAND AND SHOALS
23	GUNNLAUGSON, JOHN	2	FUEL	WASHINGTON ISLAND AREA
22	HANNA MINING CO.	2	ORE	GREAT LAKE PORTS
24	ILLINI HARBOR SERVICES, INC.	2	HARBOR FLEETING	MILE 207.0 THROUGH MILE 210.4
24	INLAND STEEL CO.	3	COAL, ORE, AND STONE	GREAT LAKE PORTS
22	INTERNATIONAL BOAT TOURS, INC.	2	PASSENGERS	CLAYTON, N. Y. TO CANAQUOE, ONTARIO AND ST. LAWRENCE RIVER--TIDBETTS POINT TO DARK ISLAND
24	ISLE ROYALE FERRY SERVICE, INC.	2	PASSENGERS	COPPER HARBOR, ISLE ROYALE, AND HOUGHTON, MICH.
24	ISLE ROYALE NATIONAL PARK	2	MISCELLANEOUS FREIGHT, PASSENGERS, AND LIQUID FUEL	HOUGHTON, MICH. TO ISLE ROYALE NATIONAL PARK
24	JOLIET HARBOR SERVICE	2	PETROLEUM COKE; FLEETING	ILLINOIS RIVER; JOLIET, ILL., MILE 279, DES PLAINES RIVER AND RAIL TO WATER CORP., S. CHICAGO, ILL., AND CALUMET RIVER
23	JURICA, PETER	3	LOGS AND LUMBER	LAKE MICHIGAN HARBORS
24	KANER, ALAN C.	3	MARINE SUPPLIES	DULUTH-SUPERIOR HARBOR
22	KINSMAN LINES	2	COAL, GRAIN, ORE, STONE, SALT, AND CEMENT CLINKER	GREAT LAKE PORTS
24	KOOCH-I-CHING, CAMP	2	FREIGHT AND PASSENGERS	RAINY LAKE, MINN. AND ONTARIO
22	LAKE TRANSPORTATION CO., INC.	2	SALT, SCRAP MOLDS, FLY ASH, COKE, PIG IRON, PIPE, SLAG, STONE, AND SCRAP IRON	GREAT LAKES AREA--ST. LAWRENCE SEAWAY
23	LIMESTONE OPERATIONS, UNITED STATES STEEL CORP.	3	HARBOR SHIFTING	CALCITE HARBOR AREA
22	LITTON GREAT LAKES CORP.	2	TACONITE PELLETS	GREAT LAKES
23	LUDTKE ENGINEERING COMPANY	3	BREAKWATER STONE AND RIP RAP, SAND AND GRAVEL, DREDGE SPOILS AND MASONRY AND STEEL WATER PIPE	GREAT LAKES AND CONNECTING WATERS
24	MADLINE ISLAND FERRY LINE, INC.	2	PASSENGERS AND VEHICLES	BAYFIELD AND LA POINTE, WIS.
22	MARINE FUELING DIV, REISS OIL TERMINAL CORP.	2	FUEL OIL	LAKES ERIE AND SUPERIOR

TABLE 3-DESCRIPTION OF OPERATIONS

ENGR. DIST.	OPERATOR NAME	SERVICE		PRINCIPAL COMMODITIES CARRIED	POINTS OR LOCALITIES AND WATERWAYS BETWEEN WHICH OR ON WHICH OPERATED
		1. REGULATED BY INTERSTATE COM- MERCE COMMISSION (Common or Contract)	2. EXEMPT, FOR HIRE 3. PRIVATE		
26	MATERIALS SERVICE CORP. (DIVISION OF GENERAL DYNAMICS)	2		TOWING, SAND, GRAVEL, AND STONE	ILLINOIS WATERWAY
26	MERCURY SIGHTSEEING CO.	2		PASSENGERS	CHICAGO, ILL. AREA
22	MILLER-ANDERSON CO.	3		GROCERIES	LAKE AND RIVER HARBORS IN ASHTABULA, OHIO AREA
23	MILLER BOAT LINE, INC.	2		PASSENGERS, VEHICLES, AND MISCELLANEOUS FREIGHT	CATARAUGUS POINT, PUT-IN-BAY, MIDDLE BASS ISLANDS, AND LAKE ERIE
26	MORTON-NORMICH PRODUCTS, INC.	3		BULK SALT	DETROIT, MICH. TO OJIBWAY, ONTARIO
23	NATIONAL GYPSUM CO. (CEMENT DIVISION)	3		BULK CEMENT	GREAT LAKE PORTS
22	NATIONAL SAND AND GRAVEL, INC.	3		SAND AND GRAVEL	LAKE ERIE
22	NEUMAN BOAT LINE, INC.	1		PASSENGERS AND VEHICLES	SANDUSKY HARBOR AND MARBLEHEAD, OHIO TO NEARBY ISLANDS
24	NICHEVO FERRY LINE, INC.	3		GRAVEL	DAYFIELD AND LA POINTE, WIS.
23	NORFOLK & WESTERN RAILWAY CO.	2		RAILROAD CARS--LOADED AND LIGHT	DETROIT RIVER--DETROIT, MICH. TO WINDSOR, ONTARIO
24	NORTH STAR MARINE OPER., INC.	2		PASSENGERS; HOLDING TANK AND WATER; GALLY WASTE AND GARBAGE	DULUTH-SUPERIOR HARBOR
22	OGLEBAY MORTON CO. (COLUMBIA TRANSPORTATION DIVISION)	1		COAL, GRAIN, ORE, STONE, SAND, GRAVEL	GREAT LAKE PORTS AND ST. LAWRENCE WATERWAY
22	OSBORNE MATERIAL COMPANY	3		SAND AND GRAVEL	GREAT LAKES EXCEPT LAKE SUPERIOR
23	OUILLETTE, FRANK	2		PASSENGERS	CITY OF ALGONAC VIA N. CHANNEL TO RUSSELL ISLAND AND RETURN
23	PARKER BOAT LINE	1		PASSENGERS, VEHICLES, MISCELLANEOUS FREIGHT, BUILDING MATERIALS, FUEL OIL, AND GAS	RATTLESNAKE, NORTH BASS, AND MIDDLE BASS ISLANDS; PORT CLINTON AND PUT-IN-BAY
22	PAUL BOAT LINE, INC.	2		PASSENGERS	ST. LAWRENCE RIVER
26	PETERSON BUILDERS, INC.	2		BOATS, STEEL	WATERS OF GREEN BAY, STURGEON BAY AND LAKE MICHIGAN
22	PICKANDS MATHER & CO., AGENTS	2		ORE, COAL, LIMESTONE, AND GRAIN	GREAT LAKES--DULUTH, MINN. TO BUFFALO, N. Y.
23	PICTURED ROCKS CRUISES, INC.	2		PASSENGERS	MUNISING, MICH. AREA AND PICTURED ROCKS
23	PLAUNT, RAYMOND	2		PASSENGERS, CARS, AND FREIGHT	LAKE HURON--CHEBOYGAN TO BOIS BLANC ISLAND, MICH.
22	PRINGLE TRANSIT COMPANY	2		COAL, ORE, STONE, SAND, AND GRAVEL	GREAT LAKES AND ST. LAWRENCE WATERWAY
26	REWARD, JOE	2		PASSENGERS	STURGEON BAY CHANNEL, LAKE MICHIGAN AND BAY OF GREEN BAY
23	RIVERVIEW EXCURSIONS LINES	2		PASSENGERS	MAUMEE RIVER FROM BUOY 41 TO 1/2 MILE NORTH OF MAUMEE-PERRYSBURG BRIDGE
26	ROEN SALVAGE CO.	2		TOWING	GREAT LAKE PORTS
26	ROSE MARINE, INC.	-		-	-

TABLE 3-DESCRIPTION OF OPERATIONS

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		1. REGULATED BY INTERSTATE COMMERCE COMMISSION (Common or Contract)	2. EXEMPT, FOR HIRE		
		3. PRIVATE			
22	RUSHO, LEON M.	2		MISCELLANEOUS FREIGHT	ST. LAWRENCE RIVER--CLAYTON TO GRINDSTONE ISLAND, N. Y., & TIBBETS PT. TO ST. REGIS, N. Y.
22	SAMSEL ROPE & MARINE SUPPLY CO.	2		MARINE SUPPLIES, POLLUTION CLEAN UP, SEWAGE AND RUBBISH REMOVAL	CUYAHOGA RIVER TO CLEVELAND, OHIO AREA AND LAKE ERIE FROM TOLEDO, OHIO TO ERIE, PENN., CLEVELAND, OHIO BASE
26	SCHMIDT, O. L., BARGE LINES, INC.	2		PETROLEUM PRODUCTS	ILLINOIS WATERWAY AND GREAT LAKES
24	SEAWAY TOWING, INC.	2		GENERAL TOWING AND SALVAGE; HARBOR FLEETING	GREEN BAY, FOX RIVER, STURGEON BAY, WIS., ST. MARY'S RIVER AND GREAT LAKES GENERAL, HOLLAND, MICHIGAN
26	SELVICK MARINE TOWING	-		TOWING	
26	SERVICE WELDING & CLEANING	-			
26	SHORELINE MARINE CO.	2		PASSENGERS	LAKE HARBORS, ILLINOIS WATERWAY, AND CHICAGO, ILL. AREA
23	STARLINE PASSENGER SERVICE	2		PASSENGERS	MACKINAC ISLAND AND ST. IGNACE
23	STENDER, WILLIAM	1		CONSTRUCTION MATERIALS	GREAT LAKES AND CONNECTING WATERWAYS
23	STENDER, WILLIAM JR. AND MARTHA	3		CONSTRUCTION MATERIALS	GREAT LAKES AND CONNECTING WATERWAYS
23	STRAITS CAR FERRY SERVICE CORP.	2		RAILROAD CARS--LOADED AND LIGHT	MACKINAC CITY TO ST. IGNACE, MICH.
23	STRAITS MARINE CONST., INC.	2		STEEL AND PILING	STRAITS OF MACKINAW AND CHEBOYGAN RIVER
23	STRAITS TRANSIT, INC.	2		PASSENGERS	ST. IGNACE, MICH. TO MACKINAW CITY AND MACKINAC ISLAND
22	SUNUP, INC.	2		PASSENGERS	SOUTH SHORE OF LAKE ERIE IN THE VICINITY OF CLEVELAND, OHIO
24	THORNTON CONSTRUCTION CO., INC.	2		CONSTRUCTION EQUIPMENT AND MATERIALS	LAKE SUPERIOR--MANCOCK TO BAY CITY AND LAKE HURON
22	TOPKY AND COOK'S HARDWARE COMPANY, INC.	3		MISCELLANEOUS MARINE SUPPLIES	ASHTABULA HARBOR, OHIO
26	TORCO OIL CO.	3		#6 FUEL OIL; SULPHUR CONTENT; CHARTERS TO OTHERS	GULF COAST (NEW ORLEANS) TO CHICAGO (LAKE RIVER TERMINAL)
26	TRUMBULL RIVER SERVICES, INC.	2		CORN, WHEAT, SOYBEANS, OATS, COAL, SAND, GRAVEL, AND CRUSHED ROCK	ILLINOIS RIVER BETWEEN KINGSTON MINES (R.M. 145.5) AND OTTAWA (R.M. 239.0)
23	TUG KILLARNEY, INC.	2			GREAT LAKES
23	TUG TRANSIT CO.	3		TOWING	GREAT LAKES
24	UNITED STATES STEEL CORPORATION (GREAT LAKES FLEET)	2		IRON ORE, LIMESTONE, COAL, AND TACONITE	GREAT LAKES AND ST. LAWRENCE SEAWAY TO PORT CARTIER
24	WAGNER CHARTER CO.	2		PASSENGERS AND MISCELLANEOUS COMMODITIES	LAKE MICHIGAN AND CHICAGO, ILL.
23	WALPOLE - ALGONAC FERRY LINE, LTD.	2		PASSENGERS AND VEHICLES	WALPOLE ISLAND, ONTARIO TO ALGONAC, MICH.

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		1. REGULATED BY INTERSTATE COM- MERCE COMMISSION (Common or Contract)	2. EXEMPT, FOR HIRE 3. PRIVATE		
26	WASHINGTON ISLAND FERRY LINES, INC.	1		AUTOMOBILES AND MISCELLANEOUS FREIGHT	WASHINGTON ISLAND AND GILLS ROCK, WIS, AREAS
26	WENDELLA SIGHTSEEING CO.; INC.	2		PASSENGERS	CHICAGO HARBOR AREA
23	WESTCOTT, J. W., COMPANY, INC., THE	2		MAIL, PACKAGE FREIGHT, AND PASSENGERS	DETROIT RIVER
23	WHITE BROS. SAND, INC.	3		SAND	MAUMEE RIVER--TOLEDO, OHIO AREA
26	WISCONSIN STEEL CORP.	3		IRON ORE	GREAT LAKE PORTS
23	WOMLEB-SOCIE COMPANY, THE	2		TOWING AND CONSTRUCTION EQUIPMENT AND MATERIALS	MAUMEE RIVER, LAKE ERIE, AND LAKE MICHIGAN PORTS
24	ZENITH DREDGE CO.	3		EQUIPMENT AND DREDGED MATERIALS	GREAT LAKE PORTS

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