

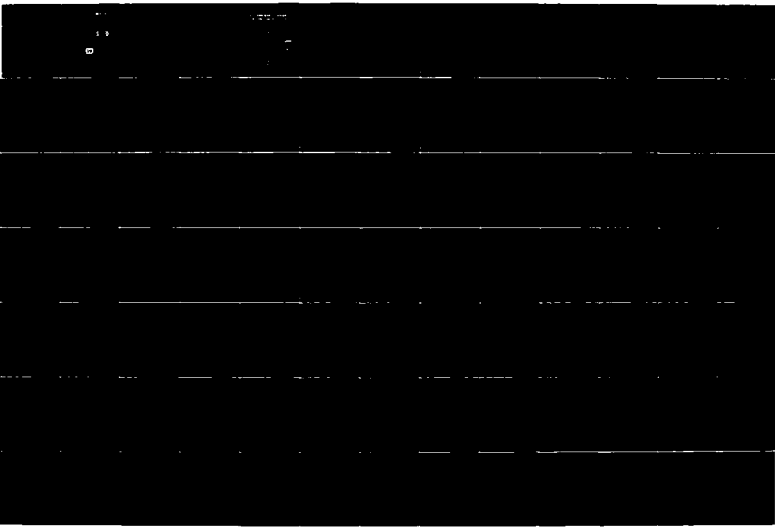
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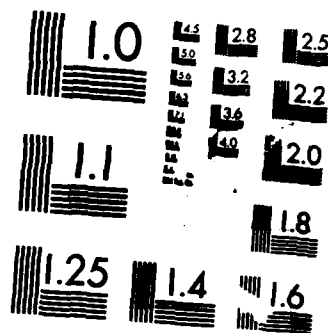
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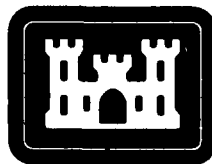
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WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 1985

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PART 3
WATERWAYS AND HARBORS
GREAT LAKES



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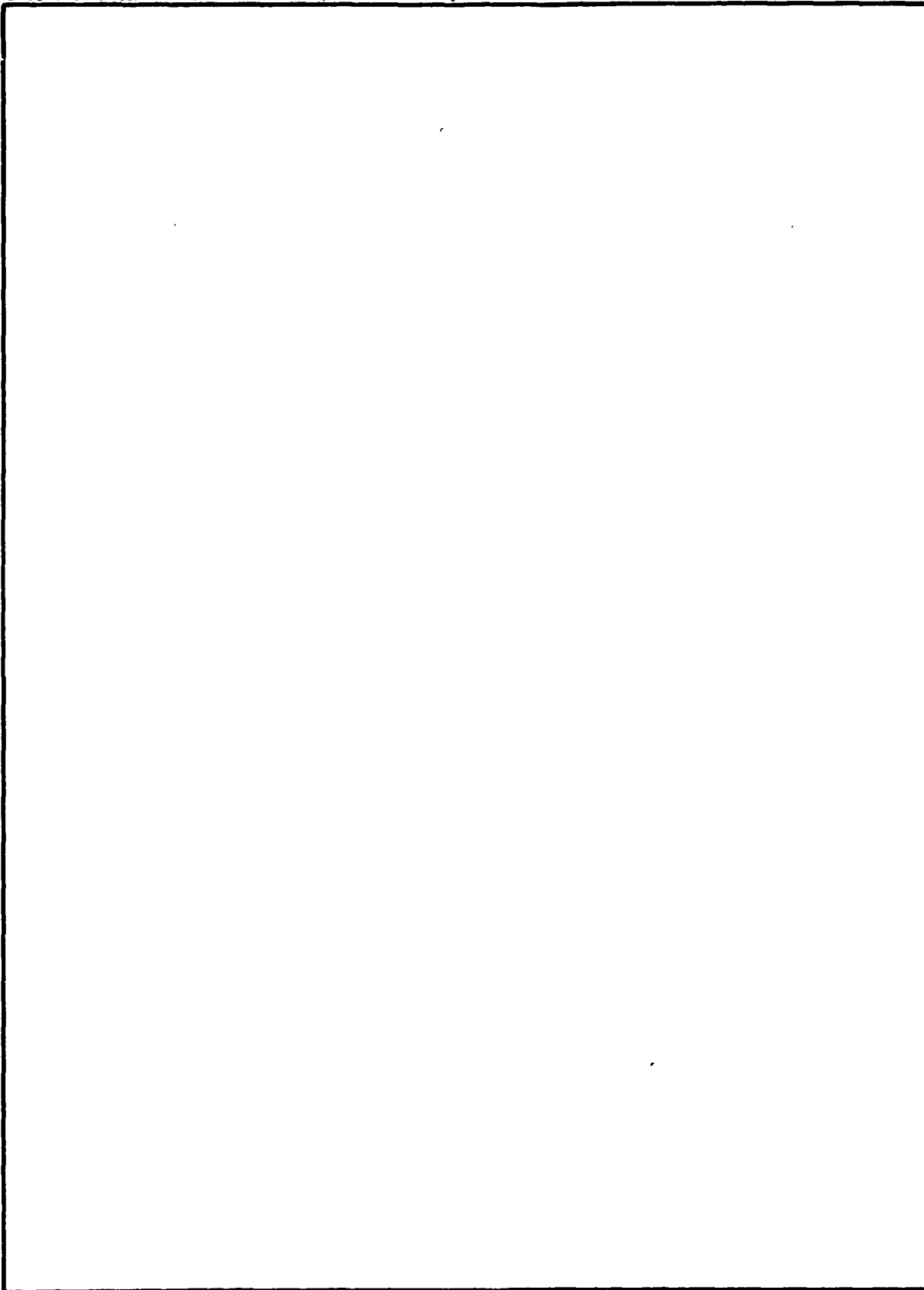
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WATERBORNE COMMERCE OF THE UNITED STATES

CALENDAR YEAR 1985



PART 3

WATERWAYS AND HARBORS GREAT LAKES

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

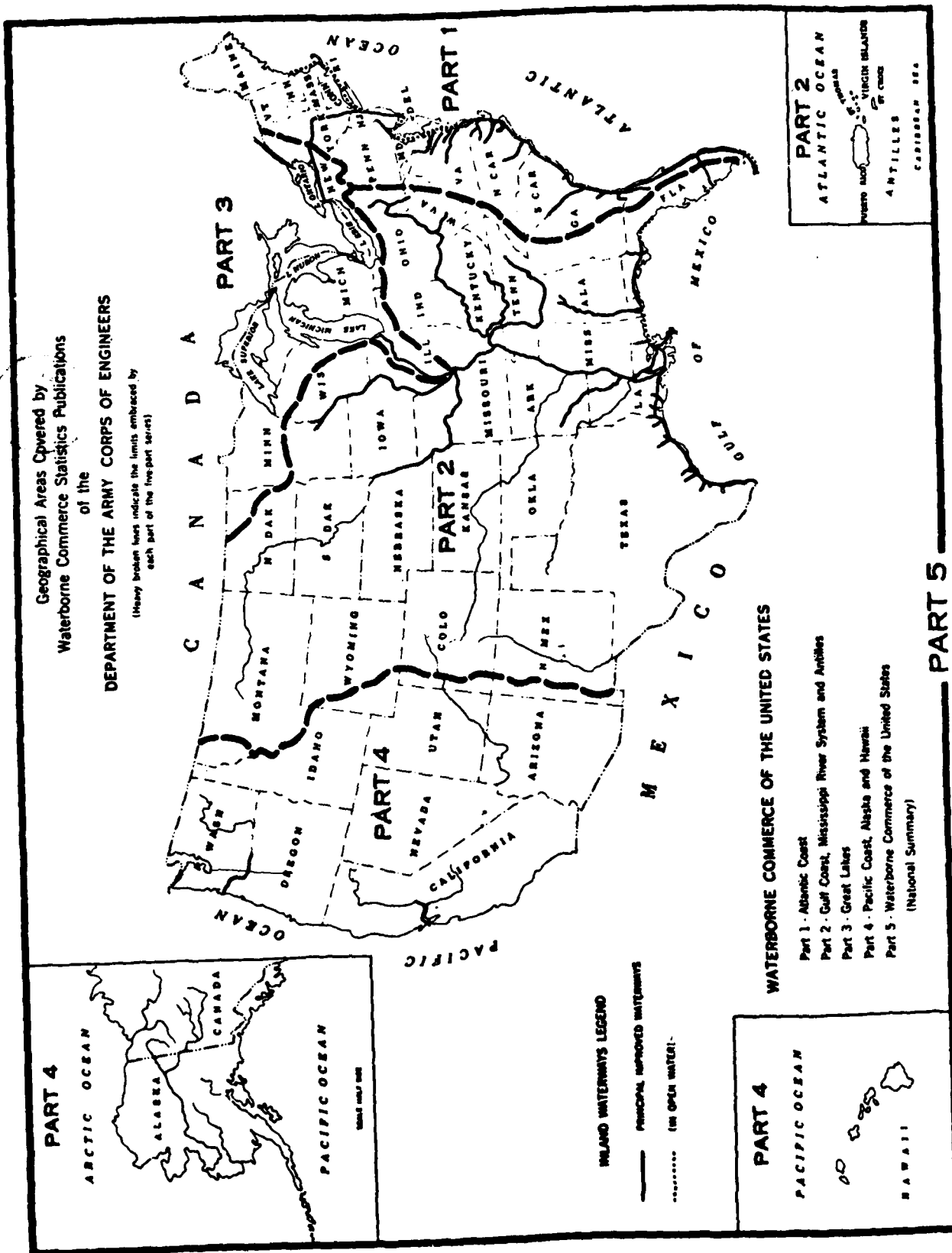
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(Heavy broken lines indicate the limits embraced by each part of the five-part series)



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This publication is one of a series containing statistics on the waterborne commerce of the United States during the calendar year 1985. Four of these publications present detailed data on the movements of commodities and vessels at the ports and harbors and on the waterways and canals of the United States, the Commonwealth of Puerto Rico, and the Virgin Islands, and the fifth contains summary data of the country as a whole. The numbers of the publications and the areas covered are:

Area

- Part 1. Atlantic Coast
- Part 2. Gulf Coast, Mississippi River System, and Antilles
- Part 3. Great Lakes
- Part 4. Pacific Coast, Alaska, and Hawaii
- Part 5. Waterborne Commerce of the United States (National Summaries)

Both the foreign and domestic commerce moved on United States waters are included. Data on the foreign commerce were supplied to the Corps of Engineers by the Bureau of the Census; data for the compilation of the domestic statistics were collected by the several offices of the Corps of Engineers, Department of the Army, in compliance with various acts of Congress. The principal provision governing the collection of these data is included in the River and Harbor Act of September 22, 1922:

Section 11. That owners, agents, masters, and clerks of vessels and other craft plying upon the navigable waters of the United States, and all individuals and corporations engaged in transporting their own goods upon the navigable waters of the United States, shall furnish such statements relative to vessels, passengers, freight and tonnage as may be required by the Secretary of War: Provided, that this provision shall not apply to those rafting logs, except upon a direct request upon the owner to furnish specific information.

That every person or persons offending against the provisions of this section, shall for each and every offense, be liable to a fine of \$100 or imprisonment not exceeding two months, to be enforced in any district court in the United States within whose territorial jurisdiction such offense may have been committed.

While the information as now collected and compiled is designed to meet the administrative requirements of the Department of the Army in connection with the duties assigned by Congress, it also provides useful data for other governmental departments, commercial and shipping concerns, and others interested in transportation.

Waterborne traffic movements were reported to the Corps of Engineers by all vessel operators of record on prescribed forms approved by the Office of Management and Budget under the Federal Reports Act of 1942 for those movements of their vessels which were classified as domestic traffic; namely, between United States ports, continental and noncontiguous, and on the island rivers, canals, and connecting channels of the United States, Puerto Rico, and the Virgin Islands, excluding the Panama Canal. The reports were generally submitted on the basis of a vessel movement completed in one direction and, for movements with cargo, the origin and destination of the water transportation of each individual commodity. In compiling the data, the entire movement was included in the year in which the movement was completed even though the shipment may have originated in the preceding year, except that, beginning with calendar year 1961 statistics, a cutoff date of 28 February was established for the processing of reports from vessel operators covering the prior year's completed movements. Hence, reports of movements completed in 1985 but not reported to the Corps of Engineers until after 28 February 1986 will be included in the next year's, 1986, statistics rather than in this publication, while reports of movements completed in 1984 but reported to the Corps after 28 February 1985 are included in this publication.

Sponsored by the Office of Statistical Policy, Office of Management and Budget, a uniform system of classification for freight was developed with cooperation of all Federal agencies engaged in collecting and compiling data on shipping. This classification, the Commodity Classification for Domestic Waterborne Commerce, is used for data on the foreign and domestic commerce presented in these publications, although some minor modifications exist in the foreign data which were necessitated by Bureau of the Census policies and procedures.

The domestic traffic includes all commercial movements between points in the United States, Puerto Rico, and the Virgin Islands. Traffic with the Panama Canal Zone is treated as foreign commerce. Cargo moved for the military agencies in commercial vessels is reported as ordinary commercial cargo; military cargo moved in Department of Defense vessels is omitted from these statistics.

All movements between the United States and foreign countries and between Puerto Rico and Virgin Islands, U.S.A., and foreign countries are classified as foreign traffic. Trade between United States territories and possessions, i.e. Guam, Wake, American Samoa, etc., and foreign countries is excluded.

These data are furnished to the Corps of Engineers by the Bureau of the Census under a working arrangement sponsored by the Office of Statistical Policy, Office of Management and Budget. The data are confined to movements by water, and are reconcilable with published reports of the Bureau of the Census. Shipments of domestic merchandise and re-exports of foreign merchandise are termed exports. The imports include inbound merchandise for direct consumption and entries into custom bonded storage and manufacturing warehouses. Intransit merchandise, defined by the Bureau of the Census as merchandise coming into the United States from a foreign country and shipped to a foreign country without having been entered as an import, is treated as an import when unloaded from a vessel and as an export when loaded on a vessel. Export shipments for use of the United States Armed Forces abroad are excluded from the statistics as are import shipments on Department of Defense owned and operated vessels. Foreign trade data of territories and possessions other than Puerto Rico and the Virgin Islands, which are under the jurisdiction of the Department of the Interior, were not furnished to the Corps of Engineers by the Bureau of the Census and are excluded from the statistics of both agencies.

Export shipments under the various foreign aid programs on Department of Defense operated vessels, either American Flag commercial vessels under time, voyage, or space charter or vessels owned and operated by the Department of Defense, and various items (listed by the Census) which affect national security are not published in terms of the individual commodities shipped. Instead, a lump-sum tonnage figure is compiled and appears in these tables as commodity code 9999, "Department of Defense Controlled Cargo and Special Category Items."

The 1985 statistics on waterborne exports of domestic and foreign merchandise and non-Department of Defense shipments of Special Category commodities reflect fully compiled data for shipments to Canada individually valued at \$2,000 and over combined with estimated data for shipments valued \$251-\$1,999, based on a 10-percent sample of such shipments. For countries other than Canada, the export statistics reflect fully compiled data for shipments valued \$1,000 and over combined with estimated data for shipments valued \$251-\$999, based on a 50-percent sample of such shipments. Data on export shipments valued under \$251 are excluded from this report.

Import statistics for 1985 exclude data on shipments valued \$250 and under reported on both formal and informal entries. Informal entries generally contain items valued not more than \$250.

Foreign trade data furnished by Census are based on reports processed for Census' monthly data January through December and represent statistical year rather than calendar year data.

The figures on ton-miles are computed by the Corps of Engineers; each ton-mile figure reflects only the distance each ton of cargo, foreign or domestic, moved on the waterway described in the section for which the figure is reported. The summary of ton-miles for the entire United States contained in Part 5 includes movements on the inland waterways and Great Lakes System only, cargoes, foreign and domestic, of deep-sea vessels are included only for that portion of the voyage that occurred in inland rivers, canals, or connecting channels—neither the carriage on the oceans nor the Gulf of Mexico nor the tonnage moved among the territories and possessions, "Intra-territory Traffic," is taken into account.

Trips of vessels at ports are reported as inbound, which represents the number of entrances or arrivals, and outbound, which represents the number of clearances or departures. On the waterways, the number of trips signifies the number of individual vessel movements on the waterway in each direction; a single trip is counted for each vessel using the waterway in a continuous direction regardless of the number of stops made on the waterway. Some towboat trips and empty barge moves are sampled to expedite processing and reduce cost. Even with sampling, however, the number of towboat trips are calculated from better than 70-percent of the total number of towboat moves reported and the number of barge trips are derived from better than 85-percent of the total number of barge moves reported. The number of trips reported includes vessels engaged in foreign trade, which are furnished by the Bureau of the Census based on Customs Entrance and Clearance forms. Complete information on trips of vessels, ferry and other, not required to clear formally was not furnished by the Bureau of Customs beginning with data for the year 1969. Adjustments are made to the trip counts, if necessary, to more accurately reflect actual traffic patterns (e.g. inbound vs. outbound trip counts).

Customs regulations with regard to entrance and clearance do not provide all data as required by the Corps of Engineers where supplementary information could be obtained, adjustments were made by the Corps of Engineers to reflect the true volume of vessel movements in and out of channels and harbors reported in these publications.

Excluding from these figures are United States Army and Navy vessels, such as Army transports and Navy tankers entering or clearing without commercial cargo, and foreign military and naval craft.

Some duplication may exist in the number of vessel trips at ports for those American flag vessels engaging both foreign and domestic trade on the same voyage. Since movements of vessels and cargo between two United States ports are reported to the Corps of Engineers, and entrance and clearance must be obtained from Customs at each port of call while foreign cargoes are aboard, those vessels engaged in combined foreign and domestic movements may be reported twice.

Draft, in all cases, is the distance from water level to the lowest point of the vessel under-water and is measured when the vessel is completely stopped—either tied to a dock or at anchor. The draft under way—while the vessel is moving—is dependent on many factors, such as speed of the vessel and depth and width of the channel, and varies from channel to channel. Channel depth of at least 3 feet more than the draft of a vessel at dock is required where vessels must be operated at slow speed. Channel depth of 5 feet more than the draft of a vessel at dock is required in channels where vessels can be operated at more efficient and economical speeds.

Passenger arrivals and departures on the various waterways and channels and at ports include passengers engaged in foreign travel. While the Immigration and Naturalization Service, Department of Justice, no longer provides foreign passenger data to the Waterborne Commerce Statistics Center, foreign passengers traveling between Canada and the United States in the Great Lakes and Alaska areas are reported to the Corps of Engineers from other sources available to the Corps. In addition, the New England Division has been able to obtain foreign passenger data for calendar year 1985 in Bar Harbor, Lubec, Eastport and Portland Harbor.

Foreign data on various connecting channels having no terminal facilities, such as Cape Cod Canal, and Chesapeake and Delaware Canal, are not available from Census records. Hence, the Corps of Engineers developed such data from canal records.

SECTION 1 of this publication presents comparative statements of commerce for preceding years and the detailed freight traffic for calendar year 1985 of harbors and waterways in the area covered by this part of the statistics series.

SECTION 2 presents data on the movements of vessels at the harbors and on the waterways included in the first section.

TERMS FOR KIND OF TRAFFIC

The terms applied to the kinds of traffic as found in these publications are explained as follows:

Pertaining to Ports

Imports and Exports. These terms apply to traffic between the United States and foreign ports, including the Canal Zone. Traffic of the U.S. Great Lakes ports with Canada is supplemented by the term "Canadian" to differentiate it from overseas traffic.

Coastwise Receipts and Shipments. These terms apply to domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico, e.g. New Orleans to Baltimore, New York to Puerto Rico, San Francisco to Hawaii, or Puerto Rico to Hawaii. Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed "coastwise." The Chesapeake Bay and Puget Sound are internal bodies of water, therefore, traffic confined to these areas in "internal" rather than "coastwise."

Lake-wise Receipts and Shipments. These terms apply to traffic between United States ports on the Great Lakes System. The Great Lakes System is treated as a separate system rather than as a part of the inland system.

Internal Receipts and Shipments. These terms apply to traffic between ports or landings wherein the entire movement takes place on inland waterways. Also termed internal are movements involving carriage on both inland waterways and waters of the Great Lakes; inland movements that cross short stretches of open waters which link inland systems; marine products, sand and gravel taken directly from beds of the oceans, the Gulf of Mexico and important areas thereof; and movements between offshore installations and inland waterways.

Local. Movements of freight within the confines of a port whether the port has only one or several areas or channels, except car-ferry and general ferry are termed "local." The term is also applied to marine products, sand, and gravel taken directly from the Great Lakes.

Intraterritory receipts and shipments. These terms apply to traffic between ports in Puerto Rico and the Virgin Islands, U.S.A., which are considered a single unit.

Pertaining to Rivers, Federal and Private Canals, Connecting Channels, and Intracoastal Waterways

The terms "imports," "exports," "coastwise receipts," "coastwise shipments," "internal receipts," and "internal shipments" are used as at ports.

Upbound and Downbound. These terms are applied to movements within the confines of a river, intracoastal waterway, canal, or a segment of one of these channels as described in the "Section included" for each channel.

Inbound and Outbound. Traffic moving from one waterway into another is termed "outbound" in the case of the shipping waterway and "inbound" with respect to the receiving waterway.

Through Traffic. Traffic moving through a waterway to and from points on other waterways is termed "through traffic."

General Terms

Freight reported under the terms "car ferry" or "general ferry" is not directly included in the port or channel tonnage, but is separately stated and tabulated.

INTRODUCTION

IX

COMMODITY CLASSIFICATION FOR DOMESTIC WATERBORNE COMMERCE

NOTE: The commodity descriptions used in the statistical tables in this publication are abbreviated to conserve printing space of the following commodities:

Code No.	Item Name	Code No.	Item Name
Group 01-Farm Products		Group 19-Ordnance and Accessories	
0101	Cotton, raw	1911	Ordnance and accessories
0102	Barley and rye	Group 20-Food and Kindred Products	
0103	Corn	2011	Meat, fresh, chilled, or frozen
0104	Oats	2012	Meat and meat products prepared or preserved, including canned meat products
0105	Rice	2014	Tallow, animal fats and oils
0106	Sorghum Grains	2015	Animal by-products, not elsewhere classified
0107	Wheat	2021	Dairy products, except dried milk and cream
0111	Soybeans	2022	Dried milk and cream
0112	Flaxseed	2031	Fish and fish products, including shellfish, prepared or preserved
0119	Oilseeds, not elsewhere classified	Group 20-Food and Kindred Products	
0121	Tobacco, leaf	2034	Vegetables and preparations, canned and otherwise prepared and preserved
0122	Hay and fodder	2039	Fruits, and fruit and vegetable juices, canned and otherwise prepared or preserved
0129	Field crops, not elsewhere classified	2041	Wheat flour and semolina
0131	Fresh fruits	2042	Animal feeds
0132	Bananas and plantains	2049	Grain mill products, not elsewhere classified
0133	Coffee, green and roasted (including instant)	2061	Sugar
0134	Cocoa beans	2062	Molasses
0141	Fresh and frozen vegetables	2081	Alcoholic beverages
0151	Live animals (livestock) except zoo animals, cats, dogs, etc.	2091	Vegetable oils, all grades; margarine and shortening
0161	Animals and animal products, not elsewhere classified	2092	Animal oils and fats, not elsewhere classified, including marine
0191	Miscellaneous farm products	2094	Groceries
Group 08-Forest Products		2095	Ice
0841	Crude rubber and allied gums	2099	Miscellaneous food products
0861	Forest products, not elsewhere classified	Group 21-Tobacco Products	
Group 09-Fresh Fish and Other Marine Products		2111	Tobacco manufactures
0911	Fresh fish, except shellfish	Group 22-Basic Textiles	
0912	Shellfish, except prepared or preserved	2211	Basic textile products, except textile fibers
0913	Menhaden	2212	Textile fibers not elsewhere classified
0931	Marine shells, unmanufactured	Group 23-Apparel and Other Finished Textile Products Including Knit	
Group 10-Metallic Ores		2311	Apparel and other finished textile products, including knit
1011	Iron ore and concentrates	Group 24-Lumber and Wood Products Except Furniture	
1021	Copper ore and concentrates	2411	Logs
1051	Bauxite and other aluminum ores and concentrates	2412	Rafted logs
1061	Manganese ores and concentrates	2413	Fuel wood, charcoal, and wastes
1091	Nonferrous metal ores and concentrates, not elsewhere classified	2414	Timber, posts, poles, piling, and other wood in the rough
Group 11-Coal		2415	Pulpwood, log
1121	Coal and lignite	2416	Wood chips, staves, moldings, and excelsior
Group 13-Crude Petroleum		2421	Lumber
1311	Crude petroleum	2431	Veneer, plywood, and other worked wood
Group 14-Nonmetallic Minerals, Except Fuels		2491	Wood manufactures, not elsewhere classified
1411	Limestone flux and calcareous stone	Group 25-Furniture and Fixtures	
1412	Building stone, unworked	2511	Furniture and fixtures
1442	Sand, gravel and crushed rock	Group 26-Pulp, Paper and Allied Products	
1451	Clay, ceramic and refractory materials	2611	Pulp
1471	Phosphate rock	2621	Standard newsprint paper
1479	Natural fertilizer materials, not elsewhere classified		
1491	Salt		
1492	Sulphur, dry		
1493	Sulphur, liquid		
1494	Gypsum, crude and plasters		
1499	Nonmetallic minerals, except fuels, not elsewhere classified		

X *Waterborne Commerce of the United States, 1985*

Code No.	Item Name	Code No.	Item Name
Group 26-Pulp, Paper and Allied Products (continued)		Group 32-Stone, Clay, Glass and Concrete Products	
2631	Paper and paperboard	3211	Glass and glass products
2691	Pulp, paper and paperboard products, not elsewhere classified	3241	Building cement
		3251	Structural clay products, including refractories
		3271	Lime
	Group 27-Printed Matter	3281	Cut stone and stone products
2711	Printed matter	3291	Miscellaneous nonmetallic mineral products
			Group 33-Primary Metal Products
	Group 28-Chemicals and Allied Products	3311	Pig iron
2810	Sodium hydroxide (caustic soda)	3312	Slag
2811	Crude products from coal tar, petroleum, and natural gas, except benzene and toluene	3313	Coke (coal and petroleum), petroleum pitches and asphalts, and naphtha and solvents
2812	Dyes, organic pigment, dyeing and tanning materials	3314	Iron and steel ingots, and other primary forms, including blanks for tube and pipe, and sponge
2813	Alcohols	3315	Iron and steel bars, rods, angles, shapes and sections, including sheet piling
2816	Radioactive and associated materials, including waste	3316	Iron and steel plates and sheets
2817	Benzene and toluene, crude and commercially pure	3317	Iron and steel pipe and tube
2818	Sulphuric acid	3318	Ferroalloys
2819	Basic chemicals and basic chemical products, not elsewhere classified	3319	Primary iron and steel products, not elsewhere classified including castings in the rough
2821	Plastic materials, regenerated cellulose and synthetic resins, including film, sheeting and laminates	3321	Nonferrous metals primary smelter products, basic shapes, wire castings and forgings, except copper, lead, zinc and aluminum
2822	Synthetic rubber	3322	Copper and copper alloys, whether or not refined, unworked
2823	Synthetic (man-made) fiber	3323	Lead and zinc including alloys, unworked
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations)	3324	Aluminum and aluminum alloys, unworked
2841	Soap, detergents, and cleaning preparations; perfumes, cosmetics, and other toilet preparations		Group 34-Fabricated Metal Products, Except Ordnance, Machinery and Transportation Equipment
2851	Paints, varnishes, lacquers, enamels, and allied products	3411	Fabricated metal products, except ordnance, machinery, and transportation equipment.
2861	Gum and wood chemicals		Group 35-Machinery, Except Electrical
2871	Nitrogenous chemical fertilizers, except mixtures		
2872	Potassic chemical fertilizers, except mixtures	3511	Machinery, except electrical
2873	Phosphatic chemical fertilizers, except mixtures		Group 36-Electrical Machinery, Equipment and Supplies
2876	Insecticides, fungicides, pesticides, and disinfectants		
2879	Fertilizers and fertilizer materials, not elsewhere classified	3611	Electrical machinery equipment and supplies
2891	Miscellaneous chemical products		Group 37-Transportation Equipment
	Group 29-Petroleum and Coal Products		
2911	Gasoline, including additives	3711	Motor vehicles, parts and equipment
2912	Jet fuel	3721	Aircraft and parts
2913	Kerosene	3731	Ships and boats
2914	Distillate fuel oil	3791	Miscellaneous transportation equipment
2915	Residual fuel oil		Group 38-Instruments, Photographic and Optical Goods, Watches and Clocks
2916	Lubricating oils and greases		
2917	Naphtha, mineral spirits, solvents, not elsewhere classified	3811	Instruments, photographic and optical goods, watches and clocks
2918	Asphalt, tar, and pitches		Group 39-Miscellaneous Products of Manufacturing
2920	Coke, including petroleum coke		
2921	Liquefied petroleum gases, coal gases, natural gas, and natural gas liquids	3911	Miscellaneous products of manufacturing
2951	Asphalt building materials		Group 40-Waste and Scrap Materials
2991	Petroleum and coal products, not elsewhere classified		
	Group 30-Rubber and Miscellaneous Plastics Products	4011	Iron and steel scrap
3011	Rubber and miscellaneous plastic products	4012	Nonferrous metal scrap
	Group 31-Leather and Leather Products	4022	Textile waste, scrap, and sweepings
3111	Leather and leather products	4024	Paper waste and scrap
		4029	Waste and scrap, not elsewhere classified

INTRODUCTION

XI

Code No.	Item Name
	Group 41-Special Items
4111	Water
4112	Miscellaneous shipments not identifiable by commodity
4113	LCL freight
4118	Materials used in waterway improvement, Government materials
4119	Empty containers
9999*	Department of Defense controlled cargo and special category items

* Cargoes exported on Department of Defense controlled vessels (other than goods for the use of U.S. Armed Forces abroad) and non-Department of Defense shipments of military component items (abbreviated SCI) for which commodity detail is not furnished to the Corps of Engineers.

TABLE 1 - TON-MILEAGE OF UNITED STATES FREIGHT CARRIED ON THE GREAT LAKES BY AREA, CALENDAR YEAR 1965
(000 OMITTED)

AREA	FOREIGN				DOMESTIC						
	AREA TOTALS	OVERSEAS		CANADIAN	COASTWISE		LAKEMISE		INTERNAL	LOCAL	
		RECEIPTS AND SHIPMENTS	THROUGH		RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	THROUGH			RECEIPTS AND SHIPMENTS
LAKE SUPERIOR	18,094,187	977,119	-----	2,137,423	-----	1,228	-----	15,867,869	-----	213	
ST. MARYS RIVER	3,306,151	25	160,280	7,369	337,921	-----	793	13,223	2,977,080	-----	
LAKE MICHIGAN INCLUDING THE PORT OF CHICAGO (CHICAGO HARBOR, NORTH BRANCH, SOUTH BRANCH, SANITARY SHIP CANAL, CALUMET-SAG CHANNEL, LAKE CALUMET AND CALUMET HARBOR AND ST. JAMES)	18,157,093	1,007,159	-----	1,926,802	-----	-----	-----	10,815,560	637	44,651	
LAKE MICHIGAN	16,282,920	4,213	1,154,429	525,801	2,751,741	-----	1,023	2,652,606	8,962,893	35	
ST. CLAIR RIVER, INCLUDING CHANNELS IN LAKE ST. CLAIR	3,530,335	81	330,695	97	777,325	-----	265	111,594	2,310,278	-----	
DETROIT RIVER	1,856,713	39,150	179,899	20,182	449,494	-----	144	174,084	993,227	154	
LAKE ERIE, INCLUDING UPPER NIAGARA RIVER	10,206,583	595,187	1,691,456	3,754,796	1,453,621	-----	1,214	3,366,432	7,234	4,619	
WELLAND CANAL	750,092	-----	314,139	-----	439,720	-----	-----	-----	1,236	-----	
LAKE ONTARIO, INCLUDING LOWER NIAGARA RIVER	3,502,405	209	1,461,556	346,816	1,376,919	-----	-----	3,450	3,411	3	
ST. LAWRENCE RIVER, BETWEEN INTERNATIONAL BOUNDARY LINE AND LAKE ONTARIO	2,257,161	1,729	1,503,562	1,221	946,370	-----	-----	-----	-----	-----	
TOTAL	75,774,612	2,724,063	7,196,240	9,719,007	8,531,511	1,228	2,930	33,027,997	15,155,946	275,923	49,675

TABLE 2 - FREIGHT TONS OF UNITED STATES TRAFFIC CARRIED ON THE GREAT LAKES BY AREA, CALENDAR YEAR 1985
(SHORT TONS)

AREA	FOREIGN				DOMESTIC					
	OVERSEAS		CANADIAN		COASTWISE		LAKEWISE		INTERNAL	
	RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	THROUGH	RECEIPTS AND SHIPMENTS	LOCAL
AREA TOTALS										
LAKE SUPERIOR	57,927,283	2,544,121	8,402,030	-----	4,650	-----	86,922,321	-----	14	54,127
ST. MARYS RIVER	57,081,265	544	2,544,121	-----	-----	-----	963,823	45,667,305	-----	106
LAKE MICHIGAN INCLUDING THE PORT OF CHICAGO (CHICAGO HARBOR, NORTH BRANCH, SOUTH BRANCH, NAVIGABLE SHIP CANAL, COLLETTSAS CHANNEL, LAKE CALUMET AND CALUMET HARBOR AND RIVER)	77,219,678	3,230,860	6,185,047	-----	-----	-----	52,061,326	-----	10,080,067	1,552,309
LAKE HURON	95,130,582	26,121	5,775,554	-----	-----	-----	21,017,804	51,451,056	92	12,438
ST. CLAIR RIVER, INCLUDING CHANNELS IN LAKE ST. CLAIR	89,914,007	1,475	5,401,675	10,610	-----	-----	6,848,003	40,531,165	-----	-----
DETROIT RIVER	69,404,246	1,450,635	5,803,150	1,279,368	-----	-----	12,406,395	32,030,581	-----	72,669
LAKE ERIE, INCLUDING UPPER NIAGARA RIVER	92,270,560	3,460,943	7,653,785	29,471,092	-----	-----	43,708,006	32,732	-----	800,982
WELLSVILLE CANAL	26,490,394	-----	11,634,728	709,144	-----	-----	-----	45,784	-----	-----
LAKE ONTARIO, INCLUDING LOWER NIAGARA RIVER	28,905,529	4,214	11,634,728	8,516,177	-----	-----	24,448	21,320	101,217	130
ST. LAWRENCE RIVER, BETWEEN INTERNATIONAL BOUNDARY LINE AND LAKE ONTARIO	20,363,625	37,400	11,638,942	189,446	-----	-----	21,320	-----	-----	-----
NET UNITED STATES TRAFFIC ON THE GREAT LAKES	188,147,122	11,676,342	39,644,110	-----	-----	-----	86,650	91,987,003	42,174,267	2,660,750

*EXCLUDES TRAFFIC WHICH DID NOT TRAVERSE THE GREAT LAKES.

TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES, BY TYPE OF TRAFFIC AND COMMODITY

COMPARATIVE STATEMENT OF TRAFFIC									
YEAR		SHORT TONS		YEAR		SHORT TONS			
1976	-----	205,832,809	-----	1981	-----	185,111,016	-----		
1977	-----	185,906,344	-----	1982	-----	127,388,710	-----		
1978	-----	221,374,884	-----	1983	-----	138,217,894	-----		
1979	-----	224,984,471	-----	1984	-----	162,799,230	-----		
1980	-----	183,514,005	-----	1985	-----	148,147,122	-----		

FREIGHT TRAFFIC, 1984									
COMMODITY	TOTAL	(NET TRAFFIC IN TONS OF 2,000 POUNDS)				DOMESTIC			
		IMPORTS		EXPORTS		COASTWISE	LAKEWISE	INTERNAL	LOCAL
		CANADIAN	OVERSEAS	CANADIAN	OVERSEAS				
TOTAL, ALL COMMODITIES-----	148,147,122	11,916,969	5,193,374	27,727,141	6,402,968	4,650	91,987,003	2,174,267	2,660,750
0102 BARLEY AND RYE-----	253,723	-----	-----	53,490	175,765	-----	24,468	-----	-----
0103 CORN-----	2,356,205	-----	-----	1,541,874	777,649	-----	-----	36,691	-----
0104 OATS-----	866	866	-----	-----	-----	-----	-----	-----	-----
0105 RICE-----	216	-----	85	131	-----	-----	-----	-----	-----
0107 WHEAT-----	3,173,439	173,731	-----	579,379	1,668,552	-----	734,898	18,879	-----
0111 SOYBEANS-----	802,902	-----	-----	261,372	809,936	-----	-----	14,241	3,353
0119 OILSEEDS, NEC-----	407,516	5,418	31	-----	402,067	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	3,404	-----	54	98	3,252	-----	-----	-----	-----
0131 FRESH FRUITS-----	711	-----	23	-----	1	-----	687	-----	-----
0133 COFFEE-----	3	3	3	-----	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	26,856	-----	67	3,055	18,372	-----	5,162	-----	-----
0151 LIVE ANIMALS-----	14	-----	-----	-----	-----	-----	14	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	460	71	327	-----	67	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS-----	17	-----	7	-----	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS-----	293	77	216	-----	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC-----	529	-----	523	-----	6	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	25,895	-----	15	-----	-----	-----	151	-----	25,727
0931 MARINE SHELLS, UNMANUFACTURED-----	10,402	-----	-----	-----	-----	-----	-----	10,402	-----
1011 IRON ORE AND CONCENTRATES-----	57,679,809	4,710,843	243,864	5,427,097	63,924	-----	46,636,797	200,299	397,066
1051 ALUMINUM ORES, CONCENTRATES-----	66,856	-----	54,124	-----	2,832	-----	-----	9,000	-----
1061 MANGANESE ORES, CONCENTRATES-----	38,444	7,937	11,023	-----	-----	-----	-----	19,484	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	160,023	12,461	38,610	-----	108,552	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	34,771,148	17,000	-----	15,671,128	554,375	-----	18,501,195	3,000	24,290
1311 CRUDE PETROLEUM-----	20,427	20,427	-----	-----	-----	-----	-----	-----	-----
1411 LIMESTONE-----	19,865,612	142,849	-----	2,075,072	-----	-----	17,620,112	-----	27,579
1442 SAND, GRAVEL, CRUSHED ROCK-----	3,561,406	1,095,158	973	463,923	28	-----	547,256	-----	1,454,072
1451 CLAY-----	231,847	-----	13,289	146,351	72,207	-----	-----	-----	-----
1491 SALT-----	2,265,692	1,662,452	1,002	579,378	22,860	-----	-----	-----	-----
1492 SULPHUR, DRY-----	1	-----	1,002	-----	1	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	942,052	-----	22	175	-----	-----	981,855	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	1,217,523	85,375	26,865	17	4,543	-----	1,051,481	1,442	48,600
1911 ORNAMENT AND ACCESSORIES-----	1,177	504	673	-----	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	35	20	-----	-----	15	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	47	-----	47	-----	-----	-----	-----	-----	-----
2014 TALLIUM, ANIMAL FATS AND OILS-----	31,701	-----	-----	-----	31,701	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	3,489	41	162	577	2,669	-----	5,422	-----	-----
2021 DAIRY PRODUCTS, NEC-----	5,597	16	131	-----	28	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	47,826	-----	-----	-----	66,243	-----	1,537	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	40,645	-----	151	-----	-----	-----	60,494	-----	-----
2034 VEGETABLES AND PREP, NEC-----	9,841	13	3,946	-----	32	-----	5,450	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	5,153	2,453	2,667	-----	33	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA-----	44,840	-----	-----	-----	46,840	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	10,899	196	270	-----	9,086	-----	24	1,323	-----
2049 GRAIN MILL PRODUCTS, NEC-----	130,148	1,736	355	2,702	125,353	-----	-----	-----	-----
2061 SUGAR-----	267	-----	160	107	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	25,405	3,663	21,713	17	12	-----	-----	-----	-----
2091 VEGETABLE OILS, WANG, SHORT-----	51,376	6	301	29	51,038	-----	-----	-----	-----
2094 GROCERIES-----	243	-----	-----	-----	-----	-----	243	-----	-----
2095 ICE-----	420	-----	331	-----	80	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	21,227	343	1,667	10	18,915	-----	292	-----	-----
2111 TOBACCO MANUFACTURES-----	2	-----	2	-----	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	12,706	188	12,369	18	131	-----	-----	-----	-----
2212 TEXTILE FIBERS, NEC-----	233	-----	233	-----	-----	-----	-----	-----	-----
2311 APPAREL-----	1,529	20	108	-----	1,401	-----	-----	-----	-----
2411 LOGS-----	24,208	-----	-----	433	462	-----	860	-----	21,953
2413 FUEL WOOD, CHARCOAL, WASTES-----	97	-----	-----	-----	97	-----	-----	-----	-----
2414 TIMBER, POSTS, POLES, PILING-----	354	-----	-----	-----	-----	-----	354	-----	-----
2421 LUMBER-----	8,674	7,535	76	569	390	-----	95	-----	9
2431 VENEER, PLYWOOD, WORKED WOOD-----	10,945	287	174	31	1,540	-----	2,161	10,752	-----
2491 WOOD MANUFACTURES, NEC-----	5,112	1	64	13	19	-----	5,015	-----	-----
2511 FURNITURE AND FIXTURES-----	3,235	285	2,945	7	65	-----	11	-----	-----
2611 PULP-----	236,567	54,897	48,651	234	77	-----	81,957	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	138,843	135,264	3,579	-----	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	121,704	2,393	55,885	120	127	-----	81,810	1,169	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	741	91	144	54	270	-----	-----	-----	-----
2711 PRINTED MATTER-----	398	92	185	-----	121	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	114,770	84,042	459	-----	5,760	-----	3,000	-----	21,465
2812 DYES, PIGMENT, TANNING MATS-----	46	-----	-----	-----	46	-----	-----	-----	-----
2813 ALCOHOLS-----	56,508	21,020	1,703	-----	445	-----	-----	21,060	9,880
2817 BENZENE AND TOLUENE-----	131,891	87,410	-----	-----	4	-----	-----	1,549	42,924
2819 BASIC CHEMICALS AND PROD, NEC-----	509,519	70,437	20,475	766	17,834	-----	266,702	5,090	123,711
2821 PLASTIC MATERIALS-----	7,191	1,481	5,445	29	2,096	-----	-----	-----	-----
2822 SYNTHETIC RUBBER-----	1,970	6	101	93	103	-----	3,667	-----	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	91	-----	-----	-----	91	-----	-----	-----	-----
2831 DRUGS-----	2,070	414	-----	-----	1,211	-----	-----	-----	-----
2841 SOAP-----	7,969	114	676	34	7,141	-----	-----	-----	-----
2851 PAINTS-----	7,149	1,474	5,151	10	17	-----	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	143	-----	143	-----	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	440,276	7,492	133,715	-----	-----	-----	60,125	258,844	-----
2872 POTASSIC CHEM FERTILIZERS-----	1,372,564	1,372,423	-----	-----	-----	-----	241	-----	-----

TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES, BY TYPE OF TRAFFIC AND COMMODITY (CONTINUED)

FREIGHT TRAFFIC, 1985 (CONTINUED)									
(NET TRAFFIC IN TONS OF 2,000 POUNDS)									
COMMODITY	TOTAL	FOREIGN				DOMESTIC			
		IMPORTS		EXPORTS		COASTWISE	LAKEWISE	INTERNAL	LOCAL
CANADIAN	OVERSEAS	CANADIAN	OVERSEAS						
2873 PHOSPHATIC CHEM FERTILIZERS--	18,675	-----	-----	-----	-----	-----	-----	18,675	-----
2876 INSECTICIDES, DISINFECTANTS--	1,514	-----	493	28	993	-----	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC--	8,316	20	814	-----	39	-----	-----	7,443	-----
2891 MISCELLANEOUS CHEMICAL PROD--	25,043	2,489	3,496	64	1,266	-----	17,764	-----	-----
2911 GASOLINE--	1,110,820	283,138	13	-----	-----	-----	628,952	144,983	53,734
2912 JET FUEL--	151,232	-----	-----	43,908	-----	-----	107,324	-----	-----
2913 KEROSENE--	12,719	-----	-----	-----	-----	-----	12,719	-----	-----
2914 DISTILLATE FUEL OIL--	741,703	194,040	-----	40,851	-----	-----	362,531	2,093	142,188
2915 RESIDUAL FUEL OIL--	799,203	270,918	12,207	-----	-----	-----	272,234	100,860	142,984
2916 LUBRICATING OILS AND GREASES--	133,501	2	143	42,499	6,005	-----	4,200	76,452	4,200
2917 NAPHTHA, PETROLEUM SOLVENTS--	62,530	17,567	-----	-----	50	-----	6,575	1,136	37,202
2918 ASPHALT, TAR, AND PITCHES--	645,496	80,288	-----	18,382	-----	-----	459,072	59,903	47,851
2920 COKE, PETROLEUM COKE--	1,406,238	5,160	19,326	671,836	408,036	-----	119,539	160,681	21,860
2921 LIQUEFIED GASES--	357	-----	-----	-----	-----	-----	357	-----	-----
2991 PETROLEUM AND COAL PROD, NEC--	125	-----	74	51	-----	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD--	5,051	260	4,188	140	462	-----	-----	5	-----
3111 LEATHER AND LEATHER PRODUCTS--	1,421	1,176	245	-----	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS--	2,493	626	1,665	29	173	-----	-----	-----	-----
3241 BUILDING CEMENT--	3,767,094	1,000,171	-----	31,828	20	-----	2,666,842	86,237	-----
3251 STRUCTURAL CLAY PRODUCTS--	179,362	4,100	8,079	-----	2	-----	167,181	-----	-----
3261 CUT STONE AND STONE PRODUCTS--	25,060	317	8,367	-----	30	-----	16,346	-----	-----
3291 MISC NONMETALLIC MINERAL PROD--	5,107	261	1,027	-----	1,153	-----	2,666	-----	-----
3311 PIG IRON--	130,310	117,292	9,566	-----	-----	-----	141	3,320	-----
3312 SLAG--	587,005	-----	-----	-----	-----	-----	431,425	154,160	1,420
3314 IRON AND STEEL PRIMARY FORMS--	1,056,399	6,766	824,304	5,531	45,463	-----	-----	173,736	599
3315 IRON, STEEL SHAPES, EXC SHEET--	3,349,343	43,221	3,194,146	13	1,236	-----	163	139,833	771
3316 IRON AND STEEL PLATES, SHEETS--	196,650	-----	12,489	-----	24,470	-----	1	159,690	-----
3317 IRON AND STEEL PIPE AND TUBE--	90,564	1,131	69,029	-----	146	-----	-----	20,261	1
3318 FERROALLOYS--	95,868	23,764	26,377	-----	80	-----	-----	45,647	-----
3319 IRON AND STEEL PRODUCTS, NEC--	131,540	3,270	59,850	1,689	54	-----	-----	66,677	-----
3321 NONFERROUS METALS, NEC--	3,465	946	2,433	-----	44	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED--	5,261	718	4,522	-----	21	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED--	52,490	503	51,944	-----	43	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED--	29,301	4,109	21,136	56	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS--	41,219	7,414	32,947	274	940	-----	23,221	16,341	-----
3511 MACHINERY, EXCEPT ELECTRICAL--	91,142	9,954	40,072	1,562	25,369	-----	1,013	13,170	22
3611 ELECTRICAL MACH AND EQUIP--	6,240	714	3,980	120	603	-----	17	801	10
3711 MOTOR VEHICLES, PARTS, EQUIP--	22,514	11,450	6,785	632	2,572	-----	675	-----	-----
3721 AIRCRAFT AND PARTS--	5	2	2	-----	1	-----	-----	-----	-----
3731 SHIPS AND BOATS--	5,011	26	298	1	4	4,650	32	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT--	726	-----	279	-----	443	-----	4	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS--	2,178	531	540	50	1,073	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS--	12,452	117	1,992	-----	118	-----	10,425	-----	-----
4011 IRON AND STEEL SCRAP--	1,271,914	16,441	605	58,330	1,078,066	-----	6,400	105,743	6,109
4012 NONFERROUS METAL SCRAP--	25,520	-----	24,428	234	454	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP--	40	-----	-----	-----	20	-----	-----	-----	-----
4024 PAPER WASTE AND SCRAP--	71	-----	71	-----	-----	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC--	94	-----	-----	-----	-----	-----	94	-----	-----
4112 COMMODITIES, NEC--	31,723	627	1,402	234	7,217	-----	22,223	-----	20
4116 WATERWAY IMPROVEMENT MAT--	1,350	-----	-----	-----	-----	-----	-----	-----	1,350
9999 DEPARTMENT OF DEFENSE AND SCI--	3,095	-----	-----	-----	3,095	-----	-----	-----	-----

* SALT INCLUDED IN NONMETALLIC MINERALS, NEC, TO AVOID DISCLOSURE OF INDIVIDUAL COMPANY OPERATIONS.

SECTION 1
FREIGHT TRAFFIC

ST. PAUL, MN, DISTRICT (GREAT LAKES PORTION) LAKE SUPERIOR AREA

3

TWO HARBORS (AGATE BAY), MINN.

SECTION INCLUDED: ENTIRE HARBOR. CONTROLLING DEPTH: 28 FEET EXCEPT FOR A 26 FOOT AREA ALONG THE EAST PROJECT LINE. PROJECT DEPTH: 28 FEET IN INNER BASIN AND 30 FEET NEAR ENTRANCE. NAVIGATION SEASON: MARCH 3 TO SHIPPED ALL WINTER LONG.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	8,244,120	1981-----	11,332,237
1977-----	3,845,603	1982-----	5,859,948
1978-----	10,517,263	1983-----	9,054,999
1979-----	11,432,715	1984-----	7,476,523
1980-----	11,157,604	1985-----	9,631,232

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	LAKEWISE SHIPMENTS	LOCAL
TOTAL-----	9,631,232	9,631,232	3
0911 FRESH FISH, EXCEPT SHELLFISH-----	3	3	3
1011 IRON ORE AND CONCENTRATES-----	9,631,232	9,631,232	-----

DULUTH-SUPERIOR HARBOR, MINN. AND WIS.

SECTION INCLUDED: SUPERIOR BAY AND ITS TRIBUTARIES, ST. LOUIS BAY AND ST. LOUIS RIVER, AND ALLOUEZ BAY. CONTROLLING DEPTH: 32 FEET IN LAKE APPROACHES, DIMINISHING TO A MINIMUM OF 20 FEET IN CERTAIN INNER CHANNELS; THERE ARE NUMEROUS 1-2 FOOT SHOALS SCATTERED IN PORTIONS OF THE DULUTH AND SUPERIOR HARBOR BASINS. PROJECT DEPTH: 32 FEET IN LAKE APPROACHES; 27 FEET IN DULUTH AND SUPERIOR HARBOR BASINS; SUPERIOR FRONT CHANNEL, AND IN ONE-CHANNEL ROUTES THROUGH NORTH AND SOUTH CHANNELS TO D. H. & I. R. R. ONE DOCK; 27 FEET IN HOWARDS BAY AND ALLOUEZ BAY; 23 FEET IN REMAINING PORTION OF SOUTH, UPPER, AND MINNESOTA CHANNELS TO HALLET DOCK NO. 61 AND 20 FEET FROM THENCE TO NORTHERLY END OF CLOUGH ISLAND. NAVIGATION SEASON: APRIL 3 TO JANUARY 11.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	32,654,531	136,422	1981-----	30,425,503	284,536
1977-----	33,419,210	204,314	1982-----	27,436,085	208,846
1978-----	45,841,344	231,828	1983-----	30,094,178	176,006
1979-----	47,725,075	198,630	1984-----	37,255,941	212,732
1980-----	41,434,568	233,690	1985-----	28,816,641	196,000

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC		LOCAL
		OVERSEAS		CANADIAN		LAKEWISE		
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	28,816,641	78,558	2,465,561	421,197	2,132,207	1,383,476	22,305,277	30,475
0102 BARLEY AND RYE-----	253,723	-----	175,765	-----	53,490	-----	28,468	-----
0103 CORN-----	85,600	-----	67,343	-----	18,257	-----	-----	-----
0104 OATS-----	866	-----	-----	866	-----	-----	-----	-----
0105 RICE-----	22	22	-----	-----	-----	-----	-----	-----
0107 WHEAT-----	2,326,076	-----	1,495,739	-----	110,439	-----	719,498	-----
0119 OILSEEDS, NEC-----	397,255	-----	391,837	5,418	-----	-----	-----	-----
0129 FIELD CROPS, NEC-----	3,252	-----	3,252	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES-----	9,289	-----	9,289	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC-----	3	3	-----	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	207	-----	-----	-----	-----	-----	-----	207
1011 IRON ORE AND CONCENTRATES-----	16,475,577	-----	63,924	-----	1,853,306	-----	14,556,347	-----
1091 NONFERROUS ORES, CONCENT, NEC-----	97,325	-----	97,325	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE-----	7,154,873	-----	-----	-----	-----	152,309	7,002,564	-----
1411 LIMESTONE-----	852,302	-----	-----	-----	-----	852,302	-----	-----
1451 CLAY-----	68,035	-----	-----	-----	68,035	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	138,540	-----	-----	96,156	-----	42,384	-----	-----
2022 DRIED MILK AND CREAM-----	7,696	-----	7,696	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	189	-----	189	-----	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	3,134	-----	2,956	178	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	11,235	-----	10,000	1,223	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	224	-----	224	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	3,922	-----	3,907	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	1,986	1,986	-----	-----	-----	-----	-----	-----
2311 APPAREL-----	4	4	-----	-----	-----	-----	-----	-----
2421 LUMBER-----	109	-----	-----	109	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	5	5	-----	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	50	50	-----	-----	-----	-----	-----	-----
2611 PULP-----	41,778	-----	-----	41,778	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	117,659	-----	-----	117,659	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	76	-----	14	62	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	16	-----	5	-----	11	-----	-----	-----
2711 PRINTED MATTER-----	8	8	-----	-----	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	5,365	55	-----	-----	5,310	-----	-----	-----
2821 PLASTIC MATERIALS-----	20	20	-----	-----	-----	-----	-----	-----

Waterborne Commerce of the United States, 1985

DULUTH-SUPERIOR HARBOR, MINN. AND RIS.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC		LOCAL
		OVERSEAS		CANADIAN		LAKEWISE		
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
2841 SOAP-----	1	1	-----	-----	-----	-----	-----	-----
2851 PAINTS-----	94	94	-----	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	51	51	-----	-----	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	11,505	-----	-----	-----	-----	-----	-----	11,505
2915 RESIDUAL FUEL OIL-----	18,763	-----	-----	-----	-----	-----	-----	18,763
2920 COKE, PETROLEUM COKE-----	120,571	-----	91,992	-----	28,579	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	72	3	69	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	20	20	-----	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	488,859	-----	-----	157,688	-----	331,171	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	15	15	-----	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	21	21	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	52,447	52,447	-----	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	75	75	-----	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	57	57	-----	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	22,119	22,119	-----	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	1	1	-----	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	24	24	-----	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	27	27	-----	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	50	50	-----	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	530	530	-----	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	480	283	-----	27	150	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	47	40	-----	30	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	64	34	-----	30	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	9	9	-----	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	27	27	-----	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	48,249	-----	48,249	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	56	6	18	2	30	-----	-----	-----

ST. PAUL, MN, DISTRICT (GREAT LAKES PORTION)

5

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	PASSENGERS
PROJECT			
ASHLAND HARBOR, WIS.	0911 FRESH FISH, EXCEPT SHELLFISH	6	
	1121 COAL AND LIGNITE	161,836	
	1411 LIMESTONE	3,422	
	1442 SAND, GRAVEL, CRUSHED ROCK	1,170	
	2491 WOOD MANUFACTURES, NEC	60	
	3511 MACHINERY, EXCEPT ELECTRICAL	30	
	TOTAL	166,524	
BAYFIELD HARBOR, WIS.	0151 LIVE ANIMALS	14	
	0191 MISCELLANEOUS FARM PRODUCTS	10	
	0911 FRESH FISH, EXCEPT SHELLFISH	425	
	1442 SAND, GRAVEL, CRUSHED ROCK	12,630	
	1499 NONMETALLIC MINERALS, NEC	360	
	2421 LUMBER	86	
	2491 WOOD MANUFACTURES, NEC	60	
	2911 GASOLINE	148	
	2914 DISTILLATE FUEL OIL	126	
	2921 LIQUEFIED GASES	70	
	3241 BUILDING CEMENT	666	
	3511 MACHINERY, EXCEPT ELECTRICAL	32	
	3611 ELECTRICAL MACH AND EQUIP	12	
	3711 MOTOR VEHICLES, PARTS, EQUIP	675	
	3731 SHIPS AND BOATS	20	
	3791 MISC TRANSPORTATION EQUIPMENT	4	
	4112 COMMODITIES, NEC	4,055	
	TOTAL	19,693	242,407
BEAVER BAY HARBOR, MINN.	0911 FRESH FISH, EXCEPT SHELLFISH	14	
CHIPPENAW HARBOR (ISLE ROYALE), MICH.	4112 COMMODITIES, NEC	40	3,850
CORNUCOPIA HARBOR, WIS.	0911 FRESH FISH, EXCEPT SHELLFISH	103	
GRAND MARAIS HARBOR, MINN.	0911 FRESH FISH, EXCEPT SHELLFISH	18	
	1411 LIMESTONE	9,620	
	TOTAL	9,638	
KNIFE RIVER HARBOR, MINN.	0911 FRESH FISH, EXCEPT SHELLFISH	9	
LA POINTE HARBOR, WIS.	0911 FRESH FISH, EXCEPT SHELLFISH	3	
	2911 GASOLINE	148	
	2914 DISTILLATE FUEL OIL	126	
	2921 LIQUEFIED GASES	70	
	4112 COMMODITIES, NEC	4,055	
	TOTAL	4,402	211,933
LUTSEN HARBOR, MINN.	0911 FRESH FISH, EXCEPT SHELLFISH	4	
PORT WING HARBOR, WIS.	0911 FRESH FISH, EXCEPT SHELLFISH	169	
WARRAD HARBOR, MINN.	0911 FRESH FISH, EXCEPT SHELLFISH	60	
NONPROJECT			
SILVER BAY, MINN.	0911 FRESH FISH, EXCEPT SHELLFISH	9	
	1011 IRON ORE AND CONCENTRATES	3,437,214	
	1121 COAL AND LIGNITE	125,423	
	TOTAL	3,562,646	
TACOVITE HARBOR, MINN.	1011 IRON ORE AND CONCENTRATES	5,446,124	

Waterborne Commerce of the United States, 1985

CHICAGO, IL, DISTRICT

NAUKEGAN HARBOR, ILL.

SECTION INCLUDED: ARTIFICIAL HARBOR BASIN OF ABOUT 13.5 ACRES AND ENTRANCE CHANNEL FROM LAKE MICHIGAN APPROXIMATELY 2,000 FEET IN LENGTH. CONTROLLING AND PROJECT DEPTHS: 22 FEET IN ENTRANCE CHANNEL; 18 FEET BETWEEN PIERS AND INNER BASIN; 8 FEET IN ANCHORAGE AREA OF APPROXIMATELY 6 ACRES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	451,497	1981-----	211,049
1977-----	477,157	1982-----	114,033
1978-----	478,733	1983-----	192,183
1979-----	544,281	1984-----	343,149
1980-----	286,363	1985-----	494,619

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	LAKE/RISE RECEIPTS	INTERNAL RECEIPTS	LOCAL
TOTAL-----	404,619	401,578	2,991	50
0911 FRESH FISH, EXCEPT SHELLFISH-----	50			50
1011 LIMESTONE-----	7,488	7,488		
1494 GYPSUM, CRUDE AND PLASTERS-----	204,940	204,940		
3241 BUILDING CEMENT-----	189,150	189,150		
3314 IRON AND STEEL PRIMARY FORMS-----	1,400		1,400	
3511 MACHINERY, EXCEPT ELECTRICAL-----	790		790	
3611 ELECTRICAL MACH AND EQUIP-----	801		801	

CHICAGO RIVER (MAIN AND NORTH BRANCH), ILL.
(INCLUDED IN PORT OF CHICAGO)

SECTION INCLUDED: MAIN RIVER FROM RUSH STREET TO JUNCTION OF NORTH AND SOUTH BRANCH; NORTH BRANCH TO NORTH AVENUE. CONTROLLING AND PROJECT DEPTHS: 21 FEET FROM RUSH STREET IN THE MAIN RIVER TO NORTH AVENUE IN THE NORTH BRANCH, INCLUDING THE NORTH BRANCH CANAL AND THE NORTH TURNING BRANCH BASIN.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	2,233,044	1981-----	2,290,890
1977-----	2,453,313	1982-----	2,568,479
1978-----	2,745,261	1983-----	1,853,720
1979-----	2,798,123	1984-----	1,961,778
1980-----	2,625,907	1985-----	1,565,893

* PASSENGERS--72,874.

FREIGHT TRAFFIC, 1985

FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	CANADIAN EXPORTS	THROUGH UPBOUND
TOTAL-----	14,225	17,596	210	421
2421 LUMBER-----	421			421
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	7,431	7,431		
2817 BENZENE AND TOLUENE-----	1,462	1,462		
2819 BASIC CHEMICALS AND PROD, NEC-----	4,701	8,701		
3511 MACHINERY, EXCEPT ELECTRICAL-----	210		210	

TON-MILES, FOREIGN, 55,833.

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	LAKE/RISE THROUGH UPBOUND DOWNBOUND	INTERNAL RECEIPTS SHIPMENTS	LOCAL	THROUGH UPBOUND DOWNBOUND
TOTAL-----	1,547,668	91,440 207,633	270,541 89,975	763,149	53,435 71,455
0911 FRESH FISH, EXCEPT SHELLFISH-----	131				131
1011 IRON ORE AND CONCENTRATES-----	3,004				3,004
1121 COAL AND LIGNITE-----	16,519		16,519		
1442 SAND, GRAVEL, CRUSHED ROCK-----	731,700			731,700	
1499 NONMETALLIC MINERALS, NEC-----	80,032		50,240	29,340	1,442
2014 TALLOW, ANIMAL FATS AND OILS-----	9,314			9,314	
2431 VENEER, PLYWOOD, WORKED WOOD-----	422		422		
2491 WOOD MANUFACTURES, NEC-----	1,188		1,188		

Waterborne Commerce of the United States, 1985

CHICAGO RIVER, SOUTH BRANCH, ILL. (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				THROUGH	
		CANADIAN	EXPORTS	LAKEWISE		INTERNAL	LOCAL	UPBOUND	DOWNBOUND
				UPBOUND	DOWNBOUND				
3315 IRON, STEEL SHAPES, EXC SHEET--	84,458							84,458	
3316 IRON AND STEEL PLATES, SHEETS--	33,650							22,924	10,726
3317 IRON AND STEEL PIPE AND TUBE--	7,956					1,600		6,356	
3318 FERROALLOYS--	7,104							7,104	
3319 IRON AND STEEL PRODUCTS, NEC--	2,569							2,569	
3411 FABRICATED METAL PRODUCTS--	41,794							41,794	
3511 MACHINERY, EXCEPT ELECTRICAL--	600								600
3731 SHIPS AND BOATS--	23					23			
4011 IRON AND STEEL SCRAP--	179,385					98,225		3,099	82,061
4110 WATERWAY IMPROVEMENT MAT--	1,350							1,350	
TOTAL TON-MILES,	8,173,855.								

CHICAGO SANITARY AND SHIP CANAL, ILL. (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY)

SECTION INCLUDED: CHICAGO SANITARY AND SHIP CANAL (CHICAGO DRAINAGE CANAL), DAMEN AVENUE, CHICAGO TO LOCKPORT, ILL. CONTROLLING AND PROJECT DEPTHS: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976	23,629,761	1981	21,706,164
1977	21,826,537	1982	19,063,704
1978	19,942,488	1983	18,748,000
1979	20,013,114	1984	15,293,449
1980	22,687,576	1985	15,904,359

* PASSENGERS--40,350.

FREIGHT TRAFFIC, 1985

LAKEWISE
(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC LAKEWISE			
		RECEIPTS	SHIPMENTS	UPBOUND	DOWNBOUND
TOTAL	358,559	214,329	106,627	9,250	26,153
2819 BASIC CHEMICALS AND PROD, NEC	8,830				8,830
2871 NITROGENOUS CHEM FERTILIZERS--	22,680		22,680		
2911 GASOLINE	46,812	9,441	37,371		
2912 JET FUEL	13,480	5,453			8,027
2913 KEROSENE	9,523		8,751		772
2914 DISTILLATE FUEL OIL--	92,615	53,819	36,795		2,109
2915 RESIDUAL FUEL OIL--	104,358	92,003	5,080		2,415
2916 LUBRICATING OILS AND LUBRCS--	6,200	6,200			
2917 NAPHTHA, PETROLEUM SOLVENTS--	6,575	6,575			
2918 ASPHALT, TAR, AND BITUMENS--	43,834	43,834			
2920 COKE, PETROLEUM COKE--	9,250			9,250	
TON-MILES, LAKEWISE,	4,474,644.				

INTERNAL
(SHORT TONS)

COMMODITY	TOTAL	RECEIPTS	SHIPMENTS	LOCAL	THROUGH
TOTAL	15,546,000	6,062,475	1,799,176	1,462,034	3,785,721
0103 CORN	363,581		264,079		114,002
0107 WHEAT	85,074	7,400	19,323		57,045
0111 SOYBEANS	323,502		164,635	3,353	148,403
0911 MARINE SHELLS, UNMANUFACTURED--	10,002				10,002
1011 IRON ORE AND CONCENTRATES--	204,000				204,000
1051 ALUMINUM ORES, CONCENTRATES--	12,001	1,400			11,001
1061 MANGANESE ORES, CONCENTRATES--	23,009	1,371			21,108
1091 NONFERROUS ORES, CONCENTRATES, NEC--	2,870		1,470		1,400
1121 COAL AND LIGNITE	3,464,904	2,738,594			7,066,408
1311 CRUDE PETROLEUM	59,908		26,261		1,732
1411 LIMESTONE	4,540				4,540
1442 SAND, GRAVEL, CRUSHED ROCK--	2,405,676	825,952	513,000	1,434,150	29,640
1451 CLAY	9,294				5,794
1499 NONMETALLIC MINERALS, NEC--	545,907	109,189	3,017	44,600	194,181
2010 TALLOW, ANIMAL FATS AND OILS--	70,706		29,047		41,659
2042 ANIMAL FEEDS--	58,965	1,400	47,586		9,979
2049 GRAIN MILL PRODUCTS, NEC--	13,426				13,426
2061 SUGARS	39,687	22,838			16,049
2062 MOLASSES	31,268				31,268
2091 VEGETABLE OILS, MARG, SHDRT--	9,055	1,344			1,020

CALUMET-SAG CHANNEL, ILL. (INCLUDED IN PORT OF CHICAGO,
ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	LAKEWISE		INTERNAL		LOCAL	
		RECEIPTS	THROUGH UPBOUND DOWNBOUND	RECEIPTS	SHIPMENTS	UPBOUND	DOWNBOUND
1051 ALUMINUM ORES, CONCENTRATES----	9,900					9,900	
1061 MANGANESE ORES, CONCENTRATES----	22,598			919		20,279	1,400
1091 NONFERROUS ORES, CONCENT., NEC----	1,400					1,400	
1121 COAL AND LIGNITE-----	841,848			1,407		839,041	1,400
1311 CRUDE PETROLEUM-----	33,687			1,732	31,955		
1462 SAND, GRAVEL, CRUSHED ROCK-----	28,599			5,534	2,700	13,500	8,865
1451 CLAY-----	3,500						3,500
1499 NONMETALLIC MINERALS, NEC-----	108,963			8,474		100,489	
2014 FALCON, ANIMAL FATS AND OILS----	32,345			21,800			10,545
2042 ANIMAL FEEDS-----	9,979			1,434			8,545
2049 GRAIN MILL PRODUCTS, NEC-----	13,426						13,426
2061 SUGAR-----	16,849			15,626		1,223	
2062 MOLASSES-----	11,268			19,192		12,076	
2091 VEGETABLE OILS, MARG, SHORT-----	7,671			1,514		1,420	4,737
2421 LUMBER-----	3,200					3,200	
2431 VENEER, PLYWOOD, WORKED WOOD----	10,752					10,752	
2641 PAPER AND PAPERBOARD-----	1,369					1,369	
2810 SODIUM HYDROXIDE-----	136,592			65,993		70,599	
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	40,007						40,007
2813 ALCOHOLS-----	86,862			59,248		20,998	6,600
2817 BENZENE AND TOLUENE-----	48,668			1,472		21,393	917
2819 BASIC CHEMICALS AND PROD., NEC----	270,953			92,682	2,409	109,929	24,877
2871 NITROGENOUS CHEM FERTILIZERS-----	278,475			1,488		247,263	23,636
2873 PHOSPHATIC CHEM FERTILIZERS-----	18,675					18,675	
2879 FERTILIZER AND MATERIALS, NEC-----	8,949			1,506		7,443	
2891 MISCELLANEOUS CHEMICAL PROD-----	28,151					26,189	1,962
2911 GASOLINE-----	219,704			44,804		22,538	144,983
2912 JET FUEL-----	14,202	14,202					
2913 KEROSENE-----	7,345	4,772		2,573			
2914 DISTILLATE FUEL OIL-----	63,748	4,516	13,269	7,285	2,164	20,892	13,301
2915 RESIDUAL FUEL OIL-----	253,968	5,336	5,040	29,709	106,720	7,099	84,438
2916 LUBRICATING OILS AND GREASES-----	82,052		2,800			2,417	72,730
2917 NAPHTHA, PETROLEUM SOLVENTS-----	51,276			1,600		7,386	22,092
2918 ASPHALT, TAR, AND BITUMENS-----	194,539		14,000		87,150	25,886	18,909
2920 COKE, PETROLEUM COKE-----	573,624		9,250	4,860	1,519	345,896	50,594
3241 BUILDING CEMENT-----	21,961					21,961	
3271 LIME-----	40,249					74,763	1,486
3291 MISC NONMETALLIC MINERAL PROD-----	1,400					1,400	
3311 PIG IRON-----	46,340			30,863	1,400	14,097	
3312 SLAG-----	199,316			30,770		115,024	53,522
3314 IRON AND STEEL PRIMARY FORMS-----	174,779				1,416	85,819	87,544
3315 IRON, STEEL SHAPES, EXC SHEET-----	299,609			22,153		139,619	137,837
3316 IRON AND STEEL PLATES, SHEETS-----	211,276			4,629	2,981	27,421	176,245
3317 IRON AND STEEL PIPE AND TUBE-----	36,995			5,736		20,840	1,400
3318 FERROALLOYS-----	144,633					143,233	1,400
3319 IRON AND STEEL PRODUCTS, NEC-----	77,525			238	NR1	4,072	72,334
3321 NONFERROUS METALS, NEC-----	10,639					10,639	
3323 LEAD AND ZINC, UNWORKED-----	7,625			2,204		5,421	
3324 ALUMINUM AND ALLOYS, UNWORKED-----	9,581					9,581	
3411 FABRICATED METAL PRODUCTS-----	18,073			240		21,171	1,000
3511 MACHINERY, EXCEPT ELECTRICAL-----	22,171					801	
3611 ELECTRICAL MACH AND EQUIP-----	801					6,945	309,183
4011 IRON AND STEEL SCRAP-----	362,727			46,599		699	2,512
4012 NONFERROUS METAL SCRAP-----	4,263			1,102			
TOTAL TON-MILES: 130,731,522.							

LAKE CALUMET, ILL. (INCLUDED IN PORT OF CHICAGO)

SECTION INCLUDED: ENTRANCE CHANNEL FROM THE CALUMET RIVER TO A HARBOR AREA AT SOUTH END OF LAKE WITH A CHANNEL EXTENDING NORTHWARD FOR A DISTANCE OF 3,000 FEET AND A WIDTH OF 1,000 FEET. CONTROLLING AND PROJECT DEPTHS: 27 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	1,752,289	1,600	1981-----	1,163,849	
1977-----	1,354,761	3,240	1982-----	942,514	
1978-----	1,814,313		1983-----	1,106,398	
1979-----	2,312,113		1984-----	1,845,476	
1980-----	1,314,538		1985-----	1,419,181	

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN OVERSEAS		CANADIAN	LAKEWISE	DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	IMPORTS	RECEIPTS	RECEIPTS	SHIPMENTS	
TOTAL-----	1,419,181	224,979	24,134	119,919	342,154	341,242	189,673	137,076
0103 CORN-----	21,338						21,338	
0107 WHEAT-----	4,319						4,319	
0111 SOYBEANS-----	32,950						32,950	
0129 FIELD CROPS, NEC-----	21	21						

CHICAGO, IL, DISTRICT

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LAKE CALUMET, ILL. (INCLUDED IN PORT OF CHICAGO)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN OVERSEAS		CANADIAN		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	IMPORTS	RECEIPTS	RECEIPTS	SHIPMENTS	
1011 IRON ORE AND CONCENTRATES	31,819			31,819				
1411 LIMESTONE	8,264				8,264			
1462 SAND, GRAVEL, CRUSHED ROCK	549	549						
1451 CLAY	18,205		8,855				1,350	
1499 NONMETALLIC MINERALS, NEC	88,855				79,447	1,408		
2014 TALLOW, ANIMAL FATS AND OILS	10,545						10,545	
2031 FISH AND SHELLFISH, PREPARED	4	4						
2042 ANIMAL FEEDS	1,677						1,677	
2081 ALCOHOLIC BEVERAGES	62	62						
2091 VEGETABLE OILS, MARG, SHORT	1,214		1,214					
2211 BASIC TEXTILE PRODUCTS	1	1						
2421 LUMBER	2,285			2,285				
2631 PAPER AND PAPERBOARD	92	92						
2810 SODIUM HYDROXIDE	70,599					70,599		
2811 CRUDE TAR, OIL, GAS PRODUCTS	30,448			21,328			7,440	1,680
2813 ALCOHOLS	20,718	1,098		13,020				6,600
2817 BENZENE AND TOLUENE	28,194			25,494				2,700
2819 BASIC CHEMICALS AND PROD, NEC	356,248	10,042		20,358	178,343	16,931	14,813	115,761
2822 SYNTHETIC RUBBER	21	21						
2871 NITROGENOUS CHEM FERTILIZERS	20,470	20,470						
2891 MISCELLANEOUS CHEMICAL PROD	27,623	1				25,660	1,962	
2914 DISTILLATE FUEL OIL	13,788						11,208	2,576
2916 LUBRICATING OILS AND GREASES	1,400					1,400		
2917 NAPHTHA, PETROLEUM SOLVENTS	29,357			5,615		22,092		1,650
2920 COKE, PETROLEUM COKE	2,857					2,857		
3011 RUBBER AND MISC PLASTIC PROD	3	3						
3241 BUILDING CEMENT	118,900				116,100	2,800		
3271 LIME	78,763					78,763		
3311 PIG IRON	2,684					2,684		
3312 SLAG	3,019					3,019		
3314 IRON AND STEEL PRIMARY FORMS	3,447	2,337					1,110	
3315 IRON, STEEL SHAPES, EXC SHEET	269,859	180,174				88,159	1,526	
3316 IRON AND STEEL PLATES, SHEETS	3,918	882				3,034		
3317 IRON AND STEEL PIPE AND TUBE	7,411	5,971				1,440		
3318 FERROALLOYS	5,600					4,200	1,400	
3319 IRON AND STEEL PRODUCTS, NEC	1,546	24				1,522		
3322 COPPER ALLOYS, UNWORKED	79	79						
3323 LEAD AND ZINC, UNWORKED	1,654	1,654						
3324 ALUMINUM AND ALLOYS, UNWORKED	2,927	161				2,766		
3411 FABRICATED METAL PRODUCTS	5,082	374				4,708		
3511 MACHINERY, EXCEPT ELECTRICAL	7,401	201				7,200		
3611 ELECTRICAL MACH AND EQUIP	8	8						
3711 MOTOR VEHICLES, PARTS, EQUIP	38	38						
3731 SHIPS AND BOATS	5	5						
3911 MISC MANUFACTURED PRODUCTS	1	1						
4011 IRON AND STEEL SCRAP	98,213		14,069				78,035	6,109
4012 NONFERROUS METAL SCRAP	706	706						
TOTAL TON-MILES, 1,307,333.								

CALUMET HARBOR AND RIVER, ILL. AND IND.
(INCLUDED IN PORT OF CHICAGO)

SECTION INCLUDED: CALUMET HARBOR AND RIVER TO TURNING BASIN NO. 5. CONTROLLING AND PROJECT DEPTHS: 29 FEET IN APPROACH CHANNEL, 28 FEET IN OUTER HARBOR ANCHORAGE AREA, 27 FEET IN RIVER ENTRANCE CHANNEL TO E. J. & E. R.R. BRIDGE, AND 27 FEET IN RIVER TO AND INCLUDING BASIN NO. 5.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976	22,018,017	1981	17,631,420
1977	19,738,837	1982	12,778,098
1978	25,242,282	1983	12,454,073
1979	24,014,852	1984	13,740,110
1980	16,415,499	1985	12,799,720

* PASSENGERS--41,008.

FREIGHT TRAFFIC, 1985

FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	OVERSEAS		CANADIAN		THROUGH WESTBOUND	
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	IMPORTS	EXPORTS
TOTAL	3,915,586	1,178,794	489,981	24,138	224,979	1,362,700	515,075
0103 CORN	206,228		86,573				121,655
0105 RICE	41	41					
0107 WHEAT	4,372						4,172
0111 SOYBEANS	37,382		37,382				
0119 OILSEEDS, NEC	31	31					
0129 FIELD CROPS, NEC	41	20			21		
0131 FRESH FRUITS	22	22					
0133 COFFEE	3	3					
0141 FRESH AND FROZEN VEGETABLES	87	21	66				

CALUMET HARBOR AND RIVER, ILL. AND IND.
(INCLUDED IN PORT OF CHICAGO)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

FOREIGN--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	OVERSEAS				CANADIAN		
		IMPORTS	EXPORTS	EASTBOUND	WESTBOUND	IMPORTS	EXPORTS	THROUGH
0161 ANIMALS AND PRODUCTS, NEC-----	35	13	22					
0841 CRUDE RUBBER AND ALLIED GUMS-----	48	48						
0861 FOREST PRODUCTS, NEC-----	270	264	6					
0911 FRESH FISH, EXCEPT SHELLFISH-----	15	15						
1011 IRON ORE AND CONCENTRATES-----	576,458	51,934				492,765		31,819
1051 ALUMINUM ORES, CONCENTRATES-----	12,422	12,422						
1121 COAL AND LIGNITE-----	39,222		112				39,110	
1311 CRUDE PETROLEUM-----	8,529					8,529		
1402 SAND, GRAVEL, CRUSHED ROCK-----	953	404			549			
1451 CLAY-----	144,890	1,280	63,030	8,855			71,725	
1499 NONMETALLIC MINERALS, NEC-----	507,279	228				507,051		
1911 ORDNANCE AND ACCESSORIES-----	104	94						
2012 MEAT AND PRODUCTS, NEC-----	20	20						
2014 TALLOW, ANIMAL FATS AND OILS-----	570		570					
2015 ANIMAL BY-PRODUCTS, NEC-----	148	148						
2021 DAIRY PRODUCTS, NEC-----	97	97						
2022 DRIED MILK AND CREAM-----	1,136		1,136					
2031 FISH AND SHELLFISH, PREPARED-----	34	30			4			
2034 VEGETABLES AND PREP, NEC-----	763	749	14					
2039 PREP FRUIT AND VEG JUICE, NEC-----	635	602	33					
2042 ANIMAL FEEDS-----	70	27	43					
2049 GRAIN MILL PRODUCTS, NEC-----	5,611	163	5,448					
2061 SUGAR-----	160	160						
2081 ALCOHOLIC BEVERAGES-----	6,365	6,281			62		2	
2091 VEGETABLE OILS, MARG, SHORT-----	2,877	239	1,424	1,214				
2095 ICE-----	213	213						
2099 MISCELLANEOUS FOOD PRODUCTS-----	687	687						
2211 BASIC TEXTILE PRODUCTS-----	379	354	24		1			
2311 APPAREL-----	54	54						
2421 LUMBER-----	5,916	48				3,583		2,285
2431 VENEER, PLYWOOD, WORKED WOOD-----	56	56						
2491 WOOD MANUFACTURES, NEC-----	31	26	5					
2511 FURNITURE AND FIXTURES-----	725	717	8					
2631 PAPER AND PAPERBOARD-----	2,648	2,532			92	28		
2691 PULP AND PAPER PRODUCTS, NEC-----	24	18	6					
2711 PRINTED MATTER-----	75	66	9					
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	58,013	181				36,504		21,328
2813 ALCOHOLS-----	23,441	127	11		1,098	9,185		13,020
2817 BENZENE AND TOLUENE-----	72,489					46,995		25,494
2819 BASIC CHEMICALS AND PROD, NEC-----	59,089	5,298	56		10,042	23,335		20,358
2821 PLASTIC MATERIALS-----	900	624	276					
2822 SYNTHETIC RUBBER-----	42	21			21			
2831 DRUGS-----	366	171	195					
2841 SOAP-----	220	70	150					
2851 PAINTS-----	1,082	1,081	1					
2861 GUM AND WOOD CHEMICALS-----	183	183						
2871 NITROGENOUS CHEM FERTILIZERS-----	20,470				20,470			
2872 POTASSIC CHEM FERTILIZERS-----	99,703					99,703		
2876 INSECTICIDES, DISINFECTANTS-----	412		412					
2891 MISCELLANEOUS CHEMICAL PROD-----	913	870	20		1	22		
2911 GASOLINE-----	6,919					6,919		
2914 DISTILLATE FUEL OIL-----	28,180					28,180		
2915 RESIDUAL FUEL OIL-----	12,612					12,612		
2916 LUBRICATING OILS AND GREASES-----	7	7						
2917 NAPHTHA, PETROLEUM SOLVENTS-----	14,730							
2918 ASPHALT, TAR, AND BITUMENS-----	51,153					51,153		5,615
2920 COKE, PETROLEUM COKE-----	535,756		257,660				278,096	
2991 PETROLEUM AND COAL PROD, NEC-----	40	40						
3011 RUBBER AND MISC PLASTIC PROD-----	1,316	1,249	24		3	35		
3111 LEATHER AND LEATHER PRODUCTS-----	73	73						
3211 GLASS AND GLASS PRODUCTS-----	897	877	20					
3251 STRUCTURAL CLAY PRODUCTS-----	4,056	4,056						
3281 CUT STONE AND STONE PRODUCTS-----	6,056	6,056						
3291 MISC NONMETALLIC MINERAL PROD-----	1,454	350	1,104					
3311 PIG IRON-----	1,168	1,168						
3314 IRON AND STEEL PRIMARY FORMS-----	43,871	81,534			2,337			
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,138,451	954,969	172		180,174	3,136		
3316 IRON AND STEEL PLATES, SHEETS-----	12,469	5,768	5,819		882			
3317 IRON AND STEEL PIPE AND TUBE-----	27,613	21,842			5,971			
3318 FERROALLOYS-----	1,057	1,057						
3319 IRON AND STEEL PRODUCTS, NEC-----	1,475	1,451			24			
3321 NONFERROUS METALS, NEC-----	379	379						
3323 COPPER ALLOYS, UNWORKED-----	732	653			79			
3325 LEAD AND ZINC, UNWORKED-----	6,209	4,555			1,654			
3326 ALUMINUM AND ALLOYS, UNWORKED-----	15,949	8,156			161	7,632		
3411 FABRICATED METAL PRODUCTS-----	20,732	20,159	194		378			
3511 MACHINERY, EXCEPT ELECTRICAL-----	15,783	10,396	8,890		201	179	117	
3611 ELECTRICAL MACH AND EQUIP-----	1,667	1,474	185		8			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2,246	1,580	627		58	1		
3721 AIRCRAFT AND PARTS-----	3	2	1					
3731 SHIPS AND BOATS-----	114	105	4		5			
3791 MISC TRANSPORTATION EQUIPMENT-----	259	259						
3811 INSTR, TIME, PHOTO, OPT GOODS-----	116	44	29					
3911 MISC MANUFACTURED PRODUCTS-----	763	761	1		1			
4011 IRON AND STEEL SCRAP-----	51,297		21,129	14,084		14,090		
4012 NONFERROUS METAL SCRAP-----	1,359	653			706			
4112 COMMODITIES, NEC-----	520	514	6					
9999 DEPARTMENT OF DEFENSE AND SEC-----	3,074		3,074					

TOTALS, FOREIGN, 5,700,706.

CHICAGO, IL, DISTRICT

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CALUMET HARBOR AND RIVER, ILL. AND IND.
(INCLUDED IN PORT OF CHICAGO)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	RECEIPTS	SHIPMENTS	LAKEWISE	
				THROUGH	
				EASTBOUND	WESTBOUND
TOTAL	4,681,496	2,913,255	1,288,107	60,458	419,676
1011 IRON ORE AND CONCENTRATES	1,495,121	1,495,121			
1121 COAL AND LIGNITE	1,482,629	283,307	1,163,261	36,061	
1411 LIMESTONE	1,012,100	1,003,836			8,264
1499 NONMETALLIC MINERALS, NEC	175,129	95,682			79,447
2811 CRUDE TAR, OIL, GAS PRODUCTS	3,000		3,000		
2819 BASIC CHEMICALS AND PROD, NEC	169,513				169,513
2871 NITROGENOUS CHEM FERTILIZERS	27,820		21,732	6,088	
2911 GASOLINE	5,003	2,524			2,479
2912 JET FUEL	6,175				6,175
2914 DISTILLATE FUEL OIL	18,037			13,269	4,768
2915 RESIDUAL FUEL OIL	42,247	13,140	7,937	5,040	16,130
2916 LUBRICATING OILS AND GREASES	2,800				2,800
2918 ASPHALT, TAR, AND PITCHES	25,000		11,000		14,000
2920 COKE, PETROLEUM COKE	100,652	19,475	81,177		
3241 BUILDING CEMENT	116,100				116,100
3511 MACHINERY, EXCEPT ELECTRICAL	170	170			
TON-MILES, LAKEWISE,	18,849,361.				

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	RECEIPTS	SHIPMENTS	LOCAL	THROUGH	
					EASTBOUND	WESTBOUND
TOTAL	4,202,646	1,554,449	565,850	90,004	859,796	1,132,547
0103 CORN	95,264		58,573			36,691
0107 WHEAT	53,526		36,647			16,879
0111 SOYBEANS	125,997	6,991	97,412	3,353		18,241
0931 MARINE SHELLS, UNMANUFACTURED	10,402				10,402	
1011 IRON ORE AND CONCENTRATES	201,876	6,054			192,922	2,900
1051 ALUMINUM ORES, CONCENTRATES	9,900				9,900	
1061 MANGANESE ORES, CONCENTRATES	21,679	2,195			18,084	1,400
1091 NONFERROUS ORES, CONCENT, NEC	1,400	1,400				
1121 COAL AND LIGNITE	840,441	836,041	1,400		3,000	
1442 SAND, GRAVEL, CRUSHED ROCK	4,865	3,265		1,600		
1451 CLAY	2,150		2,150			
1499 NONMETALLIC MINERALS, NEC	99,081	99,081				
2042 ANIMAL FEEDS	6,868		5,545			1,323
2049 GRAIN MILL PRODUCTS, NEC	13,426		13,426			
2061 SUGAR	1,223					
2062 MOLASSES	12,076	12,076				
2091 VEGETABLE OILS, MARG, SHORT	6,157	1,420	4,737			
2421 LUMBER	3,200	3,200				
2431 VENEER, PLYWOOD, WORKED WOOD	10,752				10,752	
2631 PAPER AND PAPERBOARD	1,369				1,369	
2811 CRUDE TAR, OIL, GAS PRODUCTS	32,407		15,726	16,681		
2813 ALCOHOLS	20,994	1,334			19,656	
2817 BENZENE AND TOLUENE	27,839		6,393	16,297		5,149
2819 BASIC CHEMICALS AND PROD, NEC	19,307		11,119	3,098	5,090	
2871 NITROGENOUS CHEM FERTILIZERS	270,899	28,732	1,400		218,531	22,236
2873 PHOSPHATIC CHEM FERTILIZERS	18,675				18,675	
2879 FERTILIZER AND MATERIALS, NEC	7,443				7,443	
2891 MISCELLANEOUS CHEMICAL PROD	529	529				
2911 GASOLINE	149,883	4,900				144,983
2914 DISTILLATE FUEL OIL	4,559					2,093
2915 RESIDUAL FUEL OIL	95,732			11,294		84,438
2916 LUBRICATING OILS AND GREASES	79,252			2,800	5,122	71,330
2917 NAPHTHA, PETROLEUM SOLVENTS	23,498		5,464	18,344	1,650	
2918 ASPHALT, TAR, AND PITCHES	67,503	7,600			9,309	50,594
2920 COKE, PETROLEUM COKE	566,168	305,791	97,925	12,250	35,448	114,754
3241 BUILDING CEMENT	19,161	17,719			1,442	
3271 LIME	1,486		1,486			
3291 MISC NONMETALLIC MINERAL PROD	1,400	1,400				
3311 PIG IRON	11,413	8,093			3,320	
3312 SLAG	165,527	2,733	6,634		109,272	44,888
3314 IRON AND STEEL PRIMARY FORMS	172,253	14,721	6,071		70,898	80,363
3315 IRON, STEEL SHAPES, EXC SHEET	187,771	25,833	21,334	771	24,856	114,977
3316 IRON AND STEEL PLATES, SHEETS	200,632	22,066	29,602		2,321	148,645
3317 IRON AND STEEL PIPE AND TUBE	29,809	9,548			19,881	1,400
3318 FERROALLOYS	139,033	99,090			39,943	
3319 IRON AND STEEL PRODUCTS, NEC	74,884	2,550	6,226			66,108
3321 NONFERROUS METALS, NEC	10,639	10,639				
3323 LEAD AND ZINC, UNWORKED	5,421	5,421				
3324 ALUMINUM AND ALLOYS, UNWORKED	6,815	6,815				
3411 FABRICATED METAL PRODUCTS	13,125	2,176	2,576		2,773	5,600
3511 MACHINERY, EXCEPT ELECTRICAL	14,971	1,801			12,170	1,000
3611 ELECTRICAL MACH AND EQUIP	801				801	
4011 IRON AND STEEL SCRAP	238,004	1,159	129,492	3,010	5,786	98,557
4012 NONFERROUS METAL SCRAP	3,161	649	2,512			
TON-MILES, INTERNAL,	16,772,506.					
TONS, ALL TRAFFIC,	12,799,728.					
TON-MILES, ALL TRAFFIC,	41,382,633.					

PORT OF CHICAGO, ILL.

SECTION INCLUDED: CHICAGO HARBOR, CHICAGO RIVER, MAIN AND NORTH BRANCH, CHICAGO RIVER, SOUTH BRANCH, CHICAGO SANITARY AND SHIP CANAL, CALUMET-BAG CHANNEL AND LAKE CALUMET, ILL., CALUMET HARBOR AND RIVER, ILL. AND IND. CONTROLLING AND PROJECT DEPTHS; SEE CHICAGO HARBOR, CHICAGO RIVER, MAIN AND NORTH BRANCH, CHICAGO RIVER, SOUTH BRANCH, CHICAGO SANITARY AND SHIP CANAL, CALUMET-BAG CHANNEL AND LAKE CALUMET, ILL., CALUMET HARBOR AND RIVER, ILL. AND IND.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	40,574,524	319,648	1981	31,599,167	300,090
1977	36,136,146	361,562	1982	26,819,783	331,152
1978	39,690,722	329,082	1983	24,454,287	591,908
1979	38,692,988	373,754	1984	23,813,368	655,124
1980	32,993,244	305,744	1985	22,610,102	504,000

FREIGHT TRAFFIC, 1985

FOREIGN
(SHORT TONS)

COMMODITY	TOTAL	OVERSEAS		CANADIAN	
		IMPORTS	EXPORTS	IMPORTS	EXPORTS
TOTAL	4,044,992	1,403,888	514,119	1,611,279	515,706
0103 CORN	206,228		84,573		121,655
0105 RICE	41	41			
0107 WHEAT	4,372				4,372
0111 SOYBEANS	37,382		37,382		
0119 OILSEEDS, NEC	31	31			
0129 FIELD CROPS, NEC	41	41			
0131 FRESH FRUITS	22	22			
0133 COFFEE	3	3			
0141 FRESH AND FROZEN VEGETABLES	87	21	66		
0161 ANIMALS AND PRODUCTS, NEC	36	14	22		
0801 CRUDE RUBBER AND ALLIED GUMS	48	48			
0801 FOREST PRODUCTS, NEC	270	264	6		
0911 FRESH FISH, EXCEPT SHELLFISH	15	15			
1011 IRON ORE AND CONCENTRATES	576,458	51,934		524,524	
1051 ALUMINUM ORES, CONCENTRATES	12,422	12,422			
1121 COAL AND LIGNITE	39,222		112		39,110
1311 CRUDE PETROLEUM	8,529			8,529	
1442 SAND, GRAVEL, CRUSHED ROCK	953	953			
1451 CLAY	144,890	1,280	71,885		71,725
1499 NONMETALLIC MINERALS, NEC	507,279	228		507,051	
1911 ORDNANCE AND ACCESSORIES	104	94			10
2012 MEAT AND PRODUCTS, NEC	23	23			
2014 TALLOW, ANIMAL FATS AND OILS	570		570		
2015 ANIMAL BY-PRODUCTS, NEC	148	148			
2021 DAIRY PRODUCTS, NEC	97	97			
2022 DRIED MILK AND CREAM	1,136		1,136		
2031 FISH AND SHELLFISH, PREPARED	34	34			
2034 VEGETABLES AND PREP, NEC	763	749	14		
2039 PREP FRUIT AND VEG JUICE, NEC	673	640	33		
2042 ANIMAL FEEDS	70	27	43		
2049 GRAIN MILL PRODUCTS, NEC	5,611	163	5,448		
2061 SUGAR	160	160			
2081 ALCOHOLIC BEVERAGES	6,345	6,343			2
2091 VEGETABLE OILS, MARG, SHORT	2,877	239	2,638		
2095 ICE	213	213			
2099 MISCELLANEOUS FOOD PRODUCTS	687	687			
2211 BASIC TEXTILE PRODUCTS	379	355	24		
2311 APPAREL	57	57			
2421 LUMBER	6,337	48		5,888	421
2431 VENEER, PLYWOOD, WORKED WOOD	56	56			
2491 WOOD MANUFACTURES, NEC	31	26	5		
2511 FURNITURE AND FIXTURES	731	723	8		
2631 PAPER AND PAPERBOARD	2,648	2,624			24
2691 PULP AND PAPER PRODUCTS, NEC	24	16	8		
2711 PRINTED MATTER	75	66	9		
2811 CRUDE TAR, OIL, GAS PRODUCTS	78,541	181		78,360	
2813 ALCOHOLS	23,441	1,225	11	22,205	
2817 BENZENE AND TOLUENE	79,095			79,095	
2819 BASIC CHEMICALS AND PROD, NEC	62,319	15,340	56	66,923	
2821 PLASTIC MATERIALS	900	624	276		
2822 SYNTHETIC RUBBER	42	42			
2831 DRUGS	166	171	195		
2841 SOAP	220	70	150		
2851 PAINTS	1,103	1,102	1		
2861 GUM AND WOOD CHEMICALS	183	183			
2871 NITROGENOUS CHEM FERTILIZERS	20,470	20,470			
2872 POTASSIC CHEM FERTILIZERS	120,780			120,780	
2876 INSECTICIDES, DISINFECTANTS	412		412		
2891 MISCELLANEOUS CHEMICAL PROD	913	871	20		22
2911 GASOLINE	20,761			20,761	
2914 DISTILLATE FUEL OIL	28,180			28,180	
2915 RESIDUAL FUEL OIL	44,017			44,017	
2916 LUBRICATING OILS AND GREASES	7	7			
2917 NAPHTHA, PETROLEUM SOLVENTS	17,567			17,567	
2918 ASPHALT, TAR, AND PITCHES	60,288			60,288	
2920 COKE, PETROLEUM COKE	535,756		257,660		278,096
2991 PETROLEUM AND COAL PROD, NEC	40	40			
3011 RUBBER AND MISC PLASTIC PROD	1,316	1,252	29		35
3111 LEATHER AND LEATHER PRODUCTS	87	87			
3211 GLASS AND GLASS PRODUCTS	897	877	20		
3251 STRUCTURAL CLAY PRODUCTS	8,056	8,056			
3281 CUT STONE AND STONE PRODUCTS	8,056	8,056			
3291 MISC NONMETALLIC MINERAL PROD	1,455	351	1,104		

CHICAGO, IL, DISTRICT

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PORT OF CHICAGO, ILL.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

FOREIGN--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	OVERSEAS		CANADIAN	
		IMPORTS	EXPORTS	IMPORTS	EXPORTS
3311 PIG IRON-----	1,168	1,168			
3314 IRON AND STEEL PRIMARY FORMS-----	43,871	43,871			
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,138,451	1,135,143	172	3,136	
3316 IRON AND STEEL PLATES, SHEETS-----	12,469	6,650	5,819		
3317 IRON AND STEEL PIPE AND TUBE-----	27,613	27,613			
3318 FERROALLOYS-----	1,057	1,057			
3319 IRON AND STEEL PRODUCTS, NEC-----	1,475	1,475			
3321 NONFERROUS METALS, NEC-----	379	379			
3322 COPPER ALLOYS, UNWORKED-----	732	732			
3323 LEAD AND ZINC, UNWORKED-----	6,209	6,209			
3324 ALUMINUM AND ALLOYS, UNWORKED-----	15,949	8,317		7,632	
3411 FABRICATED METAL PRODUCTS-----	20,734	20,535	199		
3511 MACHINERY, EXCEPT ELECTRICAL-----	16,007	10,611	4,890	179	327
3611 ELECTRICAL MACH AND EQUIP-----	1,672	1,487	185		
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2,253	1,625	627	1	
3721 AIRCRAFT AND PARTS-----	3	2	1		
3731 SHIPS AND BOATS-----	114	110	4		
3791 MISC TRANSPORTATION EQUIPMENT-----	259	259			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	118	89	29		
3911 MISC MANUFACTURED PRODUCTS-----	763	762	1		
4011 IRON AND STEEL SCRAP-----	51,207	9	35,198	16,090	
6012 NONFERROUS METAL SCRAP-----	1,359	1,359			
6112 COMMODITIES, NEC-----	520	514	6		
9999 DEPARTMENT OF DEFENSE AND SCI-----	3,074		3,074		

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	LAKEWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	18,565,110	3,564,501	1,344,734	8,949,252	4,062,492	1,594,131
0103 CORN-----	326,890				326,890	
0107 WHEAT-----	68,195			7,906	60,289	
0111 SOYBEANS-----	305,341			6,991	294,997	3,353
0911 FRESH FISH, EXCEPT SHELLFISH-----	131					131
1011 IRON ORE AND CONCENTRATES-----	1,501,175	1,495,121		6,054		
1051 ALUMINUM ORES, CONCENTRATES-----	2,941			2,941		
1061 MANGANESE ORES, CONCENTRATES-----	4,485			4,485		
1091 NONFERROUS ORES, CONCENT, NEC-----	2,870			1,400	1,470	
1121 COAL AND LIGNITE-----	5,230,472	283,307	1,163,261	3,782,504	1,400	
1311 CRUDE PETROLEUM-----	59,948			1,732	58,216	
1411 Limestone-----	1,016,646	1,012,100		4,540		
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,405,670			855,620	515,700	1,034,350
1451 CLAY-----	9,294			5,794	3,500	
1499 NONMETALLIC MINERALS, NEC-----	743,531	199,066		492,848	3,017	48,600
2014 TALLOW, ANIMAL FATS AND OILS-----	70,706				70,706	
2042 ANIMAL FEEDS-----	57,642			1,400	56,242	
2049 GRAIN MILL PRODUCTS, NEC-----	13,426				13,426	
2061 SUGAR-----	39,687			39,687		
2062 MOLASSES-----	31,268			31,268		
2091 VEGETABLE OILS, MARG, SHORT-----	9,055			2,804	6,251	
2421 LUMBER-----	5,935			5,935		
2431 VENEER, PLYWOOD, WORKED WOOD-----	422			422		
2491 WOOD MANUFACTURES, NEC-----	1,188			1,188		
2611 PULP-----	10,920			10,920		
2631 PAPER AND PAPERBOARD-----	23,600			23,600		
2691 PULP AND PAPER PRODUCTS, NEC-----	3,940			3,940		
2810 SODIUM HYDROXIDE-----	380,414			380,414		
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	128,881		3,000	15,130	89,286	21,465
2813 ALCOHOLS-----	335,225			325,145		9,880
2817 BENZENE AND TOLUENE-----	89,781			20,537	24,771	44,473
2819 BASIC CHEMICALS AND PROD, NEC-----	675,050	178,313		320,776	52,220	123,711
2871 NITROGENOUS CHEM FERTILIZERS-----	103,892		48,412	58,080	1,400	
2872 POTASSIC CHEM FERTILIZERS-----	1,400			1,400		
2873 PHOSPHATIC CHEM FERTILIZERS-----	3,190			3,190		
2879 FERTILIZER AND MATERIALS, NEC-----	1,506			1,506		
2891 MISCELLANEOUS CHEMICAL PROD-----	31,519			27,658	3,861	
2911 GASOLINE-----	174,772	11,965	37,371	85,691	3,000	36,545
2912 JET FUEL-----	39,438	10,655		19,783		
2913 KEROSENE-----	36,126	4,772	4,751	26,603		
2914 DISTILLATE FUEL OIL-----	300,204	58,435	36,785	48,589	39,057	117,338
2915 RESIDUAL FUEL OIL-----	585,462	111,374	12,977	102,439	308,400	49,867
2916 LUBRICATING OILS AND GREASES-----	232,208	4,200		217,944	5,864	4,200
2917 NAPHTHA, PETROLEUM SOLVENTS-----	154,816	4,575		83,244	26,658	38,538
2918 ASPHALT, TAR, AND BITUMENS-----	389,691	45,838	11,000	158,544	135,709	40,000
2920 COKE, PETROLEUM COKE-----	901,575	19,475	81,177	413,886	343,786	13,650
2991 PETROLEUM AND COAL PROD, NEC-----	14,479			200	14,279	
3241 BUILDING CEMENT-----	577,245	116,100		461,145		
3271 LIME-----	95,650			94,164	1,486	
3281 CUT STONE AND STONE PRODUCTS-----	7,200			7,200		
3291 MISC NONMETALLIC MINERAL PROD-----	1,400			1,400		
3311 PIG IRON-----	43,040			41,640	1,400	
3312 SLAG-----	51,181			42,547	8,634	
3314 IRON AND STEEL PRIMARY FORMS-----	66,474			57,477	8,997	
3315 IRON, STEEL SHAPES, EXC SHEET-----	272,616			248,345	24,260	771
3316 IRON AND STEEL PLATES, SHEETS-----	101,618			69,035	32,583	
3317 IRON AND STEEL PIPE AND TUBE-----	49,653			49,653		

PORT OF CHICAGO, ILL.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	LAKEWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3318 FERROALLOYS-----	110,262	-----	-----	108,882	1,400	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	46,141	-----	-----	37,439	8,702	-----
3321 NONFERROUS METALS, NEC-----	10,639	-----	-----	10,639	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	7,625	-----	-----	7,625	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	19,176	-----	-----	19,176	-----	-----
3411 FABRICATED METAL PRODUCTS-----	50,177	-----	-----	47,601	2,576	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	14,171	170	-----	10,001	4,000	-----
3731 SHIPS AND BOATS-----	295	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	497,527	-----	-----	1,159	490,259	6,109
4012 NONFERROUS METAL SCRAP-----	4,263	-----	-----	649	3,614	-----
4029 WASTE AND SCRAP, NEC-----	15,585	-----	-----	-----	15,585	-----
4118 WATERWAY IMPROVEMENT MAT-----	1,350	-----	-----	-----	-----	1,350
TONS, ALL TRAFFIC,	22,610,102.					

SUMMARY OF TRAFFIC, CHICAGO AREA, 1985

(SHORT TONS)

LOCALITY	TOTAL	FOREIGN						DOMESTIC					
		OVERSEAS		CANADIAN		COASTWISE		LAKEWISE		INTERNAL		LOCAL	
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS		
BUFFINGTON HARBOR, IND.	1,386,964	36,603	-----	-----	109,902	-----	-----	1,230,499	9,900	-----	-----		
GARY HARBOR, IND.	6,945,966	7,911	-----	206,800	36,425	-----	-----	6,170,520	232,229	142,207	140,614		
INDIANA HARBOR, IND.	13,549,278	46,031	6	549,339	54,343	-----	-----	11,089,737	1,072,351	111,567	505,783		
PORT OF CHICAGO	22,610,102	1,403,888	514,119	1,611,279	515,706	-----	-----	3,564,501	1,394,734	8,949,252	3,062,492		
TOTAL, UNADJUSTED	48,492,310	1,494,493	514,125	2,367,478	716,376	-----	-----	22,055,257	2,699,314	9,212,926	3,708,089		
TOTAL, NET	44,168,239	1,494,493	514,125	2,367,478	716,376	-----	-----	21,731,186	2,375,243	9,212,926	3,708,089		

ILLINOIS WATERWAY, ILL. (CONSOLIDATED REPORT
FOR ENTIRE WATERWAY)

SECTION INCLUDED: ILLINOIS RIVER, GRAFTON, ILL. TO LOCKPORT, ILL.; CHICAGO SANITARY AND SHIP CANAL (CHICAGO DRAINAGE CANAL), LOCKPORT, ILL. TO DAMEN AVE. IN CHICAGO; CHICAGO RIVER (SOUTH BRANCH), DAMEN AVENUE TO LAKE STREET; CALUMET-SAG CHANNEL, FROM ITS JUNCTION WITH THE CHICAGO SANITARY AND SHIP CANAL TO BLUE ISLAND; AND THE LITTLE CALUMET RIVER AND CALUMET RIVER TO TURNING BASIN NO. 5. CONTROLLING DEPTH: SEE REPORTS FOR ILLINOIS RIVER, CHICAGO SANITARY AND SHIP CANAL, CALUMET-SAG CHANNEL, AND CHICAGO RIVER, SOUTH BRANCH. PROJECT DEPTH: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	46,853,608	111,820	1981-----	43,111,132	68,738
1977-----	44,516,298	116,960	1982-----	42,719,065	78,122
1978-----	41,609,086	87,630	1983-----	43,513,477	67,380
1979-----	39,339,385	66,490	1984-----	39,630,784	60,060
1980-----	45,526,962	65,612	1985-----	38,530,635	100,324

FREIGHT TRAFFIC, 1985

FOREIGN AND LAKEWISE

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		THROUGH DOWNBOUND
		EXPORTS	RECEIPTS	SHIPMENTS	LAKEWISE	
TOTAL-----	406,344	421	245,155	162,688	-----	18,080
1121 COAL AND LIGNITE-----	36,061	-----	-----	36,061	-----	-----
2421 LUMBER-----	421	421	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	8,830	-----	-----	-----	-----	8,830
2871 NITROGENOUS CHEM FERTILIZERS-----	22,880	-----	-----	-----	22,880	-----
2911 GASOLINE-----	46,812	-----	-----	9,441	37,371	-----
2912 JET FUEL-----	19,655	-----	-----	19,655	-----	-----
2913 KEROSENE-----	9,523	-----	-----	4,772	4,751	-----
2914 DISTILLATE FUEL OIL-----	95,220	-----	58,435	36,785	-----	-----
2915 RESIDUAL FUEL OIL-----	103,279	-----	98,239	5,040	-----	-----
2916 LUBRICATING OILS AND GREASES-----	4,200	-----	4,200	-----	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	6,575	-----	6,575	-----	-----	-----
2918 ASPHALT, TAR, AND PITCHES-----	43,838	-----	43,838	-----	-----	-----
2920 COKE, PETROLEUM COKE-----	9,250	-----	-----	-----	-----	9,250
TON-MILES, FOREIGN AND LAKEWISE,	8,817,631.					

CHICAGO, IL, DISTRICT

ILLINOIS WATERWAY, ILL. (CONSOLIDATED REPORT
FOR ENTIRE WATERWAY)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		THROUGH			
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND		
TOTAL-----	38,124,291	8,040,371	251,125	1,125,470	18,544,515	4,335,239	1,183,436	2,692,084	1,952,051
0103 CORN-----	11,517,625	4,129	-----	-----	11,309,999	1,585	5,310	-----	116,662
0106 SORGHUM GRAINS-----	94,995	82,926	-----	-----	10,415	1,654	-----	-----	-----
0107 WHEAT-----	405,028	12,495	-----	-----	335,588	-----	-----	-----	57,845
0111 SOYBEANS-----	3,003,102	-----	-----	10,348	2,841,305	-----	2,850	-----	148,603
0911 FRESH FISH, EXCEPT SHELLFISH-----	2,841	-----	131	-----	-----	2,710	-----	-----	-----
0931 MARINE SHELLS, UNMANUFACTURED-----	10,402	-----	-----	-----	-----	-----	-----	10,402	-----
1011 IRON ORE AND CONCENTRATES-----	204,880	-----	-----	-----	-----	-----	-----	201,980	2,900
1051 ALUMINUM ORES, CONCENTRATES-----	12,841	2,941	-----	-----	-----	-----	-----	9,900	-----
1061 MANGANESE ORES, CONCENTRATES-----	23,969	2,290	-----	-----	1,470	-----	-----	20,279	1,400
1091 NONFERROUS ORES, CONCENT, NEC-----	2,670	-----	-----	-----	1,470	-----	-----	1,400	-----
1121 COAL AND LIGNITE-----	4,997,196	1,229,947	-----	1,450	-----	2,908,645	1,448	854,116	1,400
1311 CRUDE PETROLEUM-----	68,123	1,732	-----	-----	66,391	-----	-----	-----	-----
1411 LIMESTONE-----	6,197	6,197	-----	-----	-----	-----	-----	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,551,070	87,245	-----	733,300	130,215	1,074,595	522,450	3,265	-----
1451 CLAY-----	9,294	5,794	-----	-----	-----	-----	-----	-----	3,500
1471 PHOSPHATE ROCK-----	56,066	56,066	-----	-----	-----	-----	-----	-----	-----
1479 NATURAL FERTILIZER MATS, NEC-----	1,583	1,583	-----	-----	-----	-----	-----	-----	-----
1493 SULPHUR, LIQUID-----	2,800	-----	-----	-----	2,800	-----	-----	-----	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	21,755	21,755	-----	-----	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	850,228	639,148	28,350	-----	4,775	6,184	21,600	152,171	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	70,706	-----	-----	-----	50,847	1,589	-----	-----	19,850
2042 ANIMAL FEEDS-----	917,371	28,565	-----	-----	480,261	-----	-----	-----	8,545
2049 GRAIN MILL PRODUCTS, NEC-----	197,861	-----	-----	-----	184,435	-----	-----	-----	13,426
2061 SUGAR-----	39,687	38,484	-----	-----	-----	-----	-----	1,223	-----
2062 MOLASSES-----	43,922	27,726	-----	-----	4,120	-----	-----	12,076	-----
2091 VEGETABLE OILS, MARG, SHORT-----	50,412	18,235	-----	-----	26,020	-----	-----	1,420	4,737
2421 LUMBER-----	5,935	2,735	-----	-----	-----	-----	-----	3,200	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	11,174	-----	-----	-----	-----	-----	-----	11,174	-----
2491 WOOD MANUFACTURES, NEC-----	1,188	-----	-----	-----	-----	-----	-----	1,188	-----
2611 PULP-----	10,920	10,920	-----	-----	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	24,969	23,600	-----	-----	-----	-----	-----	1,369	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	3,940	3,940	-----	-----	-----	-----	-----	-----	-----
2810 SODIUM HYDROXIDE-----	380,614	305,540	-----	-----	-----	-----	-----	74,874	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	104,419	95,124	11,453	-----	70,368	450	3,382	-----	15,642
2813 ALCOHOLS-----	809,808	288,067	-----	19,832	146,805	92,013	57,172	5,917	-----
2817 BENZENE AND TOLUENE-----	101,004	47,580	8,424	917	21,044	12,212	4,436	-----	6,393
2818 SULPHURIC ACID-----	2,000	-----	-----	-----	2,000	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	1,529,765	1,305,360	114,781	-----	38,387	13,494	9,790	22,021	25,932
2871 NITROGENOUS CHEM FERTILIZERS-----	648,423	342,728	-----	83,118	27,250	3,075	36,294	182,322	23,434
2872 POTASSIC CHEM FERTILIZERS-----	183,342	179,557	-----	-----	742	1,501	1,502	-----	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	78,285	59,610	-----	1,730	-----	-----	-----	18,945	-----
2879 FERTILIZER AND MATERIALS, NEC-----	397,018	365,514	-----	-----	13,783	-----	10,278	7,443	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	39,967	1,469	-----	-----	10,347	-----	-----	26,189	1,962
2911 GASOLINE-----	942,858	286,655	8,100	-----	244,268	17,962	244,090	4,900	138,683
2912 JET FUEL-----	40,353	25,797	-----	-----	12,074	-----	2,478	-----	-----
2913 KEROSENE-----	70,385	30,027	-----	-----	40,358	-----	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	746,707	208,325	7,135	-----	329,511	71,630	118,896	-----	11,208
2915 RESIDUAL FUEL OIL-----	1,190,743	559,816	7,770	5,136	457,147	64,277	8,159	-----	84,436
2916 LUBRICATING OILS AND GREASES-----	371,360	283,444	2,800	-----	4,464	1,400	1,400	6,522	71,330
2917 NAPHTHA, PETROLEUM SOLVENTS-----	193,740	117,279	10,274	-----	23,919	9,389	5,323	22,092	5,464
2918 ASPHALT, TAR, AND PITCHES-----	562,807	290,195	-----	-----	153,278	20,282	31,549	16,909	59,594
2920 COKE, PETROLEUM COKE-----	1,394,586	114,141	-----	258,177	615,909	28,496	58,136	96,349	223,158
2991 PETROLEUM AND COAL PROD, NEC-----	14,479	200	-----	-----	14,279	-----	-----	-----	-----
3241 BUILDING CEMENT-----	477,637	433,376	-----	-----	-----	-----	-----	44,261	-----
3271 LIME-----	158,447	78,236	-----	-----	-----	-----	-----	78,743	1,486
3281 CUT STONE AND STONE PRODUCTS-----	7,200	7,200	-----	-----	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	1,400	-----	-----	-----	-----	-----	-----	1,400	-----
3311 PIG IRON-----	46,360	30,863	-----	-----	1,400	-----	-----	14,097	-----
3312 SLAG-----	206,941	36,795	9,436	5,854	1,600	-----	-----	109,170	44,086
3314 IRON AND STEEL PRIMARY FORMS-----	256,331	34,597	-----	1,400	5,183	-----	-----	105,132	110,019
3315 IRON, STEEL SHAPES, EXC SHEET-----	500,543	62,448	13,074	771	75,196	985	-----	223,306	124,763
3316 IRON AND STEEL PLATES, SHEETS-----	307,727	28,948	2,189	933	41,463	-----	-----	69,012	194,782
3317 IRON AND STEEL PIPE AND TUBE-----	74,555	36,950	-----	-----	933	41,463	-----	36,205	1,400
3318 FERROALLOYS-----	157,529	5,792	-----	-----	-----	-----	-----	150,337	1,400
3319 IRON AND STEEL PRODUCTS, NEC-----	118,816	31,367	5,360	-----	8,474	-----	-----	6,641	66,974
3321 NONFERROUS METALS, NEC-----	10,639	-----	-----	958	-----	-----	-----	9,641	-----
3323 LEAD AND ZINC, UNWORKED-----	7,625	2,204	-----	-----	-----	-----	-----	5,421	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	19,174	9,595	-----	-----	-----	-----	-----	9,581	-----
3411 FABRICATED METAL PRODUCTS-----	68,294	8,667	-----	-----	-----	-----	-----	51,451	8,176
3511 MACHINERY, EXCEPT ELECTRICAL-----	28,571	1,900	-----	-----	3,400	500	-----	21,171	1,600
3611 ELECTRICAL MACH AND EQUIP-----	801	-----	-----	-----	-----	-----	-----	801	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2,064	-----	-----	-----	2,364	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	295	295	-----	-----	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	663,275	18,275	21,048	-----	209,914	-----	34,897	6,945	364,396
4012 NONFERROUS METAL SCRAP-----	4,263	-----	-----	-----	1,162	-----	-----	609	2,512
4029 WASTE AND SCRAP, NEC-----	40,698	-----	-----	-----	40,099	-----	-----	-----	-----
4118 WATERWAY IMPROVEMENT MAT-----	1,350	-----	-----	1,350	-----	-----	-----	-----	-----

TON-MILES, INTERNAL, 7,748,052,537.

TONS, ALL TRAFFIC, 38,530,635.

TON-MILES, ALL TRAFFIC, 7,756,870,168.

Waterborne Commerce of the United States, 1985

INDIANA HARBOR, IND.

SECTION INCLUDED: OUTER HARBOR AND CANAL ENTRANCE CHANNEL TO THE FIRST E. J. & E. R. R. BRIDGE; INDIANA HARBOR CANAL, INCLUDING THE CALUMET RIVER BRANCH TO DICKEY PLACE BRIDGE AND THE LAKE GEORGE BRANCH TO 0.2 MILES PAST INDIANAPOLIS BLVD., CONTROLLING AND PROJECT DEPTH: 20 FEET IN LAKE APPROACH CHANNEL, 28 FEET IN HARBOR BASIN, 27 FEET IN CANAL ENTRANCE CHANNEL, 22 FEET IN CANAL TO DICKEY PLACE BRIDGE, 22 FEET IN REMAINDER OF CANAL TO 0.2 MILES PAST INDIANAPOLIS BLVD. ON LAKE GEORGE BRANCH AND DICKEY PLACE UN CALUMET RIVER BRANCH.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	19,490,752	1981-----	18,374,900
1977-----	15,958,303	1982-----	12,303,783
1978-----	20,715,602	1983-----	14,475,365
1979-----	18,418,640	1984-----	14,568,811
1980-----	16,898,932	1985-----	13,549,278

FREIGHT TRAFFIC, 1985

FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	OVERSEAS		CANADIAN	
		IMPORTS	EXPORTS	IMPORTS	EXPORTS
TOTAL-----	649,719	44,031	6	549,330	54,343
1011 IRON ORE AND CONCENTRATES-----	551,150	24,527		526,631	
2211 BASIC TEXTILE PRODUCTS-----	7	7			
2631 PAPER AND PAPERBOARD-----	5	3	2		
2817 BENZENE AND TOLUENE-----	6,058			6,058	
2819 BASIC CHEMICALS AND PROD., NEC-----	1,900			1,900	
2912 JET FUEL-----	7,166				7,166
2914 DISTILLATE FUEL OIL-----	6,345			6,345	
2918 ASPHALT, TAR, AND PITCHES-----	6,308				6,308
2920 COKE, PETROLEUM COKE-----	47,279	19,326			27,953
3291 MISC NONMETALLIC MINERAL PROD-----	45	45			
3314 IRON AND STEEL PRIMARY FORMS-----	5,315				5,315
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,907	1,907			
3317 IRON AND STEEL PIPE AND TUBE-----	64	64			
3318 FERROALLOYS-----	8,409			8,409	
3411 FABRICATED METAL PRODUCTS-----	11	11			
3511 MACHINERY, EXCEPT ELECTRICAL-----	17	17			
3611 ELECTRICAL MACH AND EQUIP-----	66	66			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	18	14	4		
4011 IRON AND STEEL SCRAP-----	7,801				7,801
4112 COMMODITIES, NEC-----	84	84			

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	LAKEWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	12,999,550	11,089,737	1,072,351	111,567	585,783	49,121
0911 FRESH FISH, EXCEPT SHELLFISH-----	51					51
1011 IRON ORE AND CONCENTRATES-----	9,195,692	9,195,692				
1121 COAL AND LIGNITE-----	3,000			3,000		
1411 LIMESTONE-----	1,623,119	1,623,119				
1499 GYPSUM, CRUDE AND PLASTER-----	139,389	139,389				
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	3,000					
2813 ALCOHOLS-----	21,060			21,060		
2871 NITROGENOUS CHEM FERTILIZERS-----	16,636				16,636	
2879 FERTILIZER AND MATERIALS, NEC-----	2,761			2,761		
2911 GASOLINE-----	642,420	34,851	445,397		144,983	17,189
2912 JET FUEL-----	43,148		43,148			
2913 KEROSENE-----	4,772		4,772			
2914 DISTILLATE FUEL OIL-----	286,749	36,785	249,006		2,893	7,865
2915 RESIDUAL FUEL OIL-----	196,223	14,998	89,622		84,438	7,165
2916 LUBRICATING OILS AND GREASES-----	80,652		8,200	5,122	71,330	
2917 NAPHTHA, PETROLEUM SOLVENTS-----	6,575		6,575			
2918 ASPHALT, TAR, AND PITCHES-----	297,076		238,631		58,594	7,851
2920 COKE, PETROLEUM COKE-----	77,000			27,372	49,628	
3291 BUILDING CEMENT-----	1,442			1,442		
3311 PIG IRON-----	3,320			3,320		
3312 SLAG-----	45,376	41,403		1,645	1,820	
3314 IRON AND STEEL PRIMARY FORMS-----	21,845			6,278	15,617	
3315 IRON, STEEL SHAPES, EXC SHEET-----	62,937			2,036	60,901	
3316 IRON AND STEEL PLATES, SHEETS-----	22,737			1,400	21,337	
3317 IRON AND STEEL PIPE AND TUBE-----	18,265			18,265		
3318 FERROALLOYS-----	15,154			15,154		
3319 IRON AND STEEL PRODUCTS, NEC-----	11,880				11,880	
3411 FABRICATED METAL PRODUCTS-----	1,400				1,400	
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,312			1,312		
4011 IRON AND STEEL SCRAP-----	54,568			1,450	53,118	

TONS, ALL TRAFFIC, 13,549,278.

CHICAGO, IL, DISTRICT

19

BURNS WATERWAY HARBOR, IND.

SECTION INCLUDED: ENTRANCE CHANNEL, OUTER HARBOR, AND TWO HARBOR ARMS. CONTROLLING AND PROJECT DEPTHS: 30 FEET IN ENTRANCE CHANNEL, 28 FEET IN OUTER HARBOR, AND 27 FEET IN THE EAST AND WEST HARBOR ARMS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	5,512,721	1981-----	7,366,655
1977-----	4,569,677	1982-----	5,458,420
1978-----	7,306,481	1983-----	6,332,235
1979-----	8,077,847	1984-----	8,790,770
1980-----	6,462,020	1985-----	8,176,641

FREIGHT TRAFFIC, 1985

FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	OVERSEAS		CANADIAN	
		IMPORTS	EXPORTS	IMPORTS	EXPORTS
TOTAL-----	2,002,727	156,671	201,635	1,500,646	143,573
0103 CORN-----	78,768	28,496	50,272		
0105 RICE-----	22				
0107 WHEAT-----	38,178	38,178			
0111 SOYBEANS-----	24,078		24,078		
0129 FIELD CROPS, NEC-----	1	1			
0131 FRESH FRUITS-----	1	1			
0141 FRESH AND FROZEN VEGETABLES-----	46	46			
1011 IRON ORE AND CONCENTRATES-----	1,338,683		1,338,683		
1492 SULPHUR, DRY-----	1	1			
1499 NONMETALLIC MINERALS, NEC-----	58,547		58,547		
2022 DRIED MILK AND CREAM-----	1,860	1,860			
2031 FISH AND SHELLFISH, PREPARED-----	15	15			
2034 VEGETABLES AND PREP, NEC-----	35	35			
2039 PREP FRUIT AND VEG JUICE, NEC-----	59	59			
2049 GRAIN MILL PRODUCTS, NEC-----	13,674	7	13,667		
2099 MISCELLANEOUS FOOD PRODUCTS-----	73	73			
2111 TOBACCO MANUFACTURES-----	2	2			
2211 BASIC TEXTILE PRODUCT-----	62	62			
2212 TEXTILE FIBERS, NEC-----	233	233			
2311 APPAREL-----	1	1			
2491 WOOD MANUFACTURES, NEC-----	4	4			
2691 PULP AND PAPER PRODUCTS, NEC-----	6	6			
2711 PRINTED MATTER-----	6	7	1		
2819 BASIC CHEMICALS AND PROD, NEC-----	3,055		3,055		
2821 PLASTIC MATERIALS-----	22		22		
2831 DRUGS-----	2		2		
2841 SOAP-----	6	6			
2872 POTASSIC CHEM FERTILIZERS-----	71,647		71,647		
2876 INSECTICIDES, DISINFECTANTS-----	1		1		
2891 MISCELLANEOUS CHEMICAL PROD-----	2		2		
3611 RUBBER AND MISC PLASTIC PROD-----	90,816	21,593	69,223		
3201 CUT STONE AND STONE PRODUCTS-----	19	19			
3291 MISC NONMETALLIC MINERAL PROD-----	20	20			
3311 PIG IRON-----	12	12			
3314 IRON AND STEEL PRIMARY FORMS-----	24,327	4,960	19,367		
3315 IRON, STEEL SHAPES, EXC SHEET-----	20,260	5,072	15,188		
3316 IRON AND STEEL PLATES, SHEETS-----	100,374	99,310	1,064		
3317 IRON AND STEEL PIPE AND TUBE-----	12,154	1,038	11,116		
3318 FERROALLOYS-----	3,137	3,137			
3319 IRON AND STEEL PRODUCTS, NEC-----	8,557		8,557		
3322 COPPER ALLOYS, UNWORKED-----	32,501	32,501			
3324 ALUMINUM AND ALLOYS, UNWORKED-----	90	90			
3411 FABRICATED METAL PRODUCTS-----	113	113			
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,526	1,523	3		
3611 ELECTRICAL MACH, PARTS, EQUIP-----	5,755	5,739	16		
3711 MOTOR VEHICLES, PARTS, EQUIP-----	200	199	1		
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,264	1,253	11		
3911 MISC MANUFACTURED PRODUCTS-----	363	324	39		
4011 IRON AND STEEL SCRAP-----	3	1	2		
4012 NONFERROUS METAL SCRAP-----	71,309		71,309		
4022 TEXTILE WASTE, SCRAP, SHEEP-----	783	783			
4112 COMMODITIES, NEC-----	39		39		
	13	10	3		

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	LOCAL		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	6,175,914	5,091,105	42,781	603,561	436,881	1,586
0103 CORN-----	36,691				36,691	
0107 WHEAT-----	16,879				16,879	
0111 SOYBEANS-----	18,241				18,241	
0911 FRESH FISH, EXCEPT SHELLFISH-----	166					166
0931 MARINE SHELLS, UNMANUFACTURED-----	10,402			10,402		
1011 IRON ORE AND CONCENTRATES-----	4,057,831	4,379,599		75,332		2,900
1061 MANGANESE ORES, CONCENTRATES-----	18,084			18,084		
1411 LIMESTONE-----	649,166	649,166				
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,317	2,317				

Waterborne Commerce of the United States, 1985

BURNS WATERWAY HARBOR, IND.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	LAKEWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2042 ANIMAL FEEDS-----	1,323	-----	-----	-----	1,323	-----
2051 VENEER, PLYWOOD, HORNED WOOD-----	10,752	-----	-----	10,752	-----	-----
2051 PAPER AND PAPERBOARD-----	1,369	-----	-----	1,369	-----	-----
2019 BASIC CHEMICALS AND PROD., NEC-----	5,090	-----	-----	5,090	-----	-----
2071 NITROGENOUS CHEM FERTILIZERS-----	235,644	-----	15,713	210,531	1,400	-----
2073 PHOSPHATIC CHEM FERTILIZERS-----	18,675	-----	-----	18,675	-----	-----
2070 FERTILIZER AND MATERIALS, NEC-----	4,602	-----	-----	4,602	-----	-----
2010 ASPHALT, TAR, AND PITCHES-----	3,309	-----	-----	3,309	-----	-----
2020 COKE, PETROLEUM COKE-----	43,533	-----	-----	1,871	41,662	-----
3312 SLAG-----	234,401	60,023	23,768	107,627	41,653	1,420
3314 IRON AND STEEL PRIMARY FORMS-----	94,644	-----	-----	62,426	32,216	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	70,426	-----	-----	21,507	48,919	-----
3316 IRON AND STEEL PLATES, SHEETS-----	99,207	-----	-----	921	98,286	-----
3317 IRON AND STEEL PIPE AND TUBE-----	1,400	-----	-----	-----	1,400	-----
3318 FERROALLOYS-----	29,080	-----	-----	29,080	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	52,072	-----	-----	-----	52,072	-----
3411 FABRICATED METAL PRODUCTS-----	10,741	-----	-----	10,741	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	4,160	-----	-----	3,160	1,000	-----
4011 IRON AND STEEL SCRAP-----	45,530	-----	1,300	-----	42,230	-----
TONS, ALL TRAFFIC,	8,178,441.					

HARBOR OR WATERWAY		OTHER HARBORS AND WATERWAYS		COMMUNITY	TOTAL	PASSENGERS
PROJECT						
CHICAGO HARBOR, ILL. (INCLUDED IN PORT OF CHICAGO)-----		1161	ANIMALS AND PRODUCTS, NEC-----		1	
		1499	NONMETALLIC MINERALS, NEC-----		23,937	
		2112	MEAT AND PRODUCTS, NEC-----		5	
		2113	PREP. FRUIT AND VEG. JUICES, NEC-----		34	
		2311	APPAREL-----		5	
		2511	FURNITURE AND FIXTURES-----		6	
		2611	CRUDE TAR, DIL. GAS PRODUCTS-----		13,697	
		2617	BENZENE AND TOLUENE-----		5,184	
		2619	BASIC CHEMICALS AND PROD., NEC-----		14,629	
		2651	PAINTS-----		21	
		2672	POTASSIC CHEM. FERTILIZERS-----		21,677	
		2911	GASOLINE-----		13,842	
		2915	RESIDUAL FUEL OIL-----		35,834	
		2917	NAPHTHA, PETROLEUM SOLVENTS-----		2,837	
		2918	ASPHALT, TAR, AND BITUMENS-----		9,155	
		3111	LEATHER AND LEATHER PRODUCTS-----		16	
		3291	MISC. NONMETALLIC MINERAL PROD-----		1	
		3411	FABRICATED METAL PRODUCTS-----		2	
		3511	MACHINERY, EXCEPT ELECTRICAL-----		814	
		3611	ELECTRICAL MACH. AND EQUIP-----		5	
		3711	MOTOR VEHICLES, PARTS, EQUIP-----		7	
		4114	INTERSTATE IMPROVEMENT MAT-----		1,350	
			TOTAL-----		141,097	
MICHIGAN CITY HARBOR, IND.-----		1411	FRESH FISH, EXCEPT SHELLFISH-----		317	
NONPROJECT						
BUFFALO HARBOR, IN.-----		1051	ALUMINUM DREGS, CONCENTRATES-----		46,541	
		1411	LIMESTONE-----		1,230,499	
		2211	WAST. TEXTILE PRODUCTS-----		1	
		2311	APPAREL-----		1	
		2920	COKE, PETROLEUM COKE-----		109,902	
			TOTAL-----		1,386,944	
SARASOTA HARBOR, FL.-----		1011	IRON DREGS AND CONCENTRATES-----		4,783,122	
		1761	MANGANESE DREGS, CONCENTRATES-----		1,402	
		1411	LIMESTONE-----		400,623	
		2671	NITROGENOUS CHEM. FERTILIZERS-----		4,260	
		2920	COKE, PETROLEUM COKE-----		95,860	
		3312	SLAG-----		228,074	
		3314	IRON AND STEEL PRIMARY PRODUCTS-----		55,647	
		3316	IRON AND STEEL SHAPES, PAC. SHEETS-----		13,680	
		3317	IRON AND STEEL PLATES, SHEETS-----		37,746	
		3319	IRON AND STEEL PIPE AND TUBE-----		945	
		3324	FERRALL. VS-----		1,413	
		3411	IRON AND STEEL PRODUCTS, NEC-----		2,301	
		3411	FABRICATED METAL PRODUCTS-----		4,177	
		3511	MACHINERY, EXCEPT ELECTRICAL-----		6,074	
		3711	MOTOR VEHICLES, PARTS, EQUIP-----		4	
		4111	IRON AND STEEL SHAPES-----		4,436	
			TOTAL-----		4,945,766	

DETROIT, MI, DISTRICT

PMF 5 JUL 1964 HARBOR, WICH.

SECTION INCLUDES: ENTIRE HARBOR. CONTROLLING AND PROTECT DEPTHS: 30 FEET IN APPROACH AND 20 FEET IN BASIN. NAVIGATION SEASON: MARCH 31 TO JANUARY 21.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976	5,440,553	1981	8,119,940
1977	5,215,296	1982	7,363,535
1978	7,950,888	1983	5,124,505
1979	6,121,746	1984	6,846,430
1980	7,461,252	1985	7,202,784

Freight Traffic, 1945

(S-391 1345)

COMMUNITY	TOTAL	OVERSEAS	FOREIGN CANADIAN		DOMESTIC LAKEWISSE	
			IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	7,202,744	2	20,611	2,377,211	1,535,057	3,260,863
1011 FERT. URE AND CONCENTRATES-----	5,637,248	-----	-----	2,376,385	-----	3,260,863
1021 FERT. AM. AND LIMITE-----	1,535,057	-----	-----	-----	1,535,057	-----
2011 FERT. AM. AND LIMITE, NEC-----	20,342	-----	20,342	-----	-----	-----
2012 FERT. AM. AND LIMITE, NEC-----	9,479	-----	9,479	-----	-----	-----
3011 IRON AND STEEL PRODUCTS, NEC-----	726	-----	-----	726	-----	-----
3012 COAL PRODUCTS, NEC-----	2	2	-----	-----	-----	-----

5. WATTS 21065, 21066.

SECTION INCLUDES: ENTIRE LENGTH OF ST. MARYS RIVER FROM LAKE SUPERIOR TO LAKE HURON, INCLUDING AMERICAN PORTS OF SAULT STE. MARIE, MARIEN, LITTLE ISLAND, CHAMBERLAIN ISLAND, AND DETROIT, MICHIGAN.

[illegible]

JOHN A. CASO, (OFF. OF. 1010 ST. MARKS PL., BAL.)

4499.143	4499.143	28.5	28.5
4499.144	4499.144	28.5	28.5
4499.145	4499.145	27.0	27.0
4499.146	4499.146	29.0	29.0
4499.147	4499.147	28.0	28.0
4499.148	4499.148	27.5	27.5
4499.149	4499.149	27.5	27.5
4499.150	4499.150	28.5	28.5
4499.151	4499.151	28.5	28.5
4499.152	4499.152	28.5	28.5
4499.153	4499.153	28.5	28.5
4499.154	4499.154	28.5	28.5
4499.155	4499.155	28.5	28.5
4499.156	4499.156	28.5	28.5
4499.157	4499.157	28.5	28.5
4499.158	4499.158	28.5	28.5
4499.159	4499.159	28.5	28.5
4499.160	4499.160	28.5	28.5
4499.161	4499.161	28.5	28.5
4499.162	4499.162	28.5	28.5
4499.163	4499.163	28.5	28.5
4499.164	4499.164	28.5	28.5
4499.165	4499.165	28.5	28.5
4499.166	4499.166	28.5	28.5
4499.167	4499.167	28.5	28.5
4499.168	4499.168	28.5	28.5
4499.169	4499.169	28.5	28.5
4499.170	4499.170	28.5	28.5
4499.171	4499.171	28.5	28.5
4499.172	4499.172	28.5	28.5
4499.173	4499.173	28.5	28.5
4499.174	4499.174	28.5	28.5
4499.175	4499.175	28.5	28.5
4499.176	4499.176	28.5	28.5
4499.177	4499.177	28.5	28.5
4499.178	4499.178	28.5	28.5
4499.179	4499.179	28.5	28.5
4499.180	4499.180	28.5	28.5
4499.181	4499.181	28.5	28.5
4499.182	4499.182	28.5	28.5
4499.183	4499.183	28.5	28.5
4499.184	4499.184	28.5	28.5
4499.185	4499.185	28.5	28.5
4499.186	4499.186	28.5	28.5
4499.187	4499.187	28.5	28.5
4499.188	4499.188	28.5	28.5
4499.189	4499.189	28.5	28.5
4499.190	4499.190	28.5	28.5
4499.191	4499.191	28.5	28.5
4499.192	4499.192	28.5	28.5
4499.193	4499.193	28.5	28.5
4499.194	4499.194	28.5	28.5
4499.195	4499.195	28.5	28.5
4499.196	4499.196	28.5	28.5
4499.197	4499.197	28.5	28.5
4499.198	4499.198	28.5	28.5
4499.199	4499.199	28.5	28.5
4499.200	4499.200	28.5	28.5

• JOURNAL OF THE STATE HISTORICAL SOCIETY •

YEAR	1985-1986		1986-1987		TOTAL	
	TONS	PARCENTAGE	TONS	PARCENTAGE	TONS	PARCENTAGE
1985	2,175,425	63.153	78,224,912	1.774	78,935,737	616,555
1986	2,251,197	57.162	58,675,928	0.000	58,122,293	584,627
1987	2,316,113	57.993	48,255,355	0.000	47,761,568	511,433
1988	2,199,110	57.290	46,442,354	0.000	41,740,962	474,852
1989	1,555,555	58.473	72,387,642	17.852	74,311,747	608,222
1990	1,582,580	60.605	74,793,148	0.000	76,377,748	644,625
1991	1,712,111	61.611	62,585,216	0.000	63,662,623	637,611
1992	1,778,224	75.113	51,221,544	0.000	52,563,287	735,114
1993	1,178,224	75.113	50,181,114	0.000	61,025,354	757,316
1994	1,124,111	71.345	50,181,114	0.000	57,781,225	713,095

ST. MARYS RIVER, MICH.--CONTINUED

FREIGHT TRAFFIC, 1985

UPBOUND

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC				RECEIPTS AND SHIPMENTS			
		FOREIGN OVERSEAS	CANADIAN	DOMESTIC LAKEWISE	OTHER	FOREIGN OVERSEAS	CANADIAN	DOMESTIC LAKEWISE	OTHER
TOTAL	6,253,910	78,560	2,901,740	2,990,549		12	195,229	48,728	92
0105 RICE	22		22						
0101 ANIMALS AND PRODUCTS, NEC	3		3						
0911 FRESH FISH, EXCEPT SHELLFISH	92								92
1121 COAL AND LIGNITE	3,882,169		2,145,849	1,736,320					
1411 LIMESTONE	1,515,969		485,375	875,360			195,229		
1499 NONMETALLIC MINERALS, NEC	158,572		116,188	42,384					
2039 PHEP FRUIT AND VEG JUICE, NEC	189		189						
2049 GRAIN MILL PRODUCTS, NEC	12		12						
2081 ALCOHOLIC BEVERAGES	236		224			12			
2099 MISCELLANEOUS FOOD PRODUCTS	15		15						
2211 BASIC TEXTILE PRODUCTS	1,986		1,986						
2311 APPAREL	4		4						
2421 LUMBER	421			421					
2491 WOOD MANUFACTURES, NEC	5		5						
2511 FURNITURE AND FIXTURES	50		50						
2631 PAPER AND PAPERBOARD	14		14						
2691 PULP AND PAPER PRODUCTS, NEC	5		5						
2711 PAINTED MATTER	6		6						
2819 BASIC CHEMICALS AND PRDC, NEC	5,365		55	5,310					
2821 PLASTIC MATERIALS	20		20						
2841 SOAP	1		1						
2851 PAINTS	94		94						
2891 MISCELLANEOUS CHEMICAL PRDC	51		51						
2911 GASOLINE	27,564							27,564	
2914 DISTILLATE FUEL OIL	21,164							21,164	
2929 COKE, PETROLEUM COKE	62,243			62,243					
3011 RUBBER AND MISC PLASTIC PRDC	3		3						
3211 GLASS AND GLASS PRODUCTS	20		20						
3241 BUILDING CEMENT	484,459			157,688	331,171				
3251 STRUCTURAL CLAY PRODUCTS	15		15						
3291 MISC NONMETALLIC MINERAL PRDC	21		21						
3314 IRON AND STEEL PRIMARY FORMS	5,315			5,315					
3315 IRON, STEEL SHAPES, EXC SHEET	52,447		52,447						
3317 IRON AND STEEL PIPE AND TUBE	75		75						
3314 FERRI ALLOYS	57		57						
3319 IRON AND STEEL PRODUCTS, NEC	22,119		22,119						
3321 NONFERROUS METALS, NEC	1		1						
3322 COPPER ALLOYS, UNWORKED	24		24						
3323 LEAD AND ZINC, UNWORKED	27		27						
3324 ALUMINUM AND ALLOYS, UNWORKED	50		50						
3321 FABRICATED METAL PRODUCTS	530		530						
3511 APPAREL, EXCEPT ELECTRICAL	11		23	27					
3611 ELECTRICAL MACH AND EQUIP	47		46						
3711 MOTOR VEHICLES, PARTS, EQUIPMENT	64		34	30					
3811 PHOTO, THERM, PHOTO, OPT GOODS	9		9						
3911 MISC UNFACED PRODUCTS	27		27						
4011 IRON AND STEEL SCRAP	7,601		7,601						
4112 COMMODITIES, NEC	10		8	2					

DOWNBOUND

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC				RECEIPTS AND SHIPMENTS			
		FOREIGN OVERSEAS	CANADIAN	DOMESTIC LAKEWISE	OTHER	FOREIGN OVERSEAS	CANADIAN	DOMESTIC LAKEWISE	OTHER
TOTAL	51,437,355	2,485,581	4,684,199	42,876,756	4,650	532	40,634	915,095	14
0105 RICE	253,723	175,785	53,480	24,458					
0101 ANIMALS AND PRODUCTS, NEC	45,600		67,463	16,257					
0911 FRESH FISH, EXCEPT SHELLFISH	2,431,776	1,439,734	227,441	719,499					
1121 COAL AND LIGNITE	3,011,637		391,837						
1411 LIMESTONE	3,252		3,252						
1499 NONMETALLIC MINERALS, NEC	9,249		9,249						
2039 PHEP FRUIT AND VEG JUICE, NEC	14								14
2049 GRAIN MILL PRODUCTS, NEC	18,450,913		61,424	2,850,615	35,536,374				
2081 ALCOHOLIC BEVERAGES	17,335		47,125						
2099 MISCELLANEOUS FOOD PRODUCTS	6,431,110		17,450	6,396,110					
2211 BASIC TEXTILE PRODUCTS	435,139						79,444	915,095	
2311 APPAREL	135,231		135,231						
2421 LUMBER	62,135		62,135						
2491 WOOD MANUFACTURES, NEC	7,496		7,496						
2511 FURNITURE AND FIXTURES	2,356		2,356						
2631 PAPER AND PAPERBOARD	1,117		1,117						
2691 PULP AND PAPER PRODUCTS, NEC	1,007		1,007						
2711 PAINTED MATTER	244						674		
2819 BASIC CHEMICALS AND PRDC, NEC	5,868		5,868						
2821 PLASTIC MATERIALS	3,439		3,439						
2841 SOAP	16,520		16,520						
2851 PAINTS	1		1						
2891 MISCELLANEOUS CHEMICAL PRDC	2		2						
2911 GASOLINE	183			183					
2914 DISTILLATE FUEL OIL	7,295		7,295						
2929 COKE, PETROLEUM COKE	1,223,195		1,223,195						
3011 RUBBER AND MISC PLASTIC PRDC	320								
3211 GLASS AND GLASS PRODUCTS	125,731		41,492	53,739					
3241 BUILDING CEMENT	69		69						
3251 STRUCTURAL CLAY PRODUCTS	4								

DETROIT, MI, DISTRICT

ST. MARYS RIVER, MICH.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

DOWNBOUND--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC				RECEIPTS AND SHIPMENTS			
		FOREIGN OVERSEAS	CANADIAN	LAKEWISE	DOMESTIC OTHER	FOREIGN OVERSEAS	CANADIAN	LAKEWISE	DOMESTIC OTHER
3315 IRON, STEEL SHAPES, EXC SHEET--	20,982	-----	20,982	-----	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC--	1,652	-----	1,652	-----	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED--	11	-----	11	-----	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS--	792	-----	789	-----	-----	3	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL--	163	-----	150	-----	-----	13	-----	-----	-----
3731 SHIPS AND BOATS--	4,650	-----	-----	-----	4,650	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP--	44,249	-----	44,249	-----	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC--	18	-----	18	-----	-----	-----	-----	-----	-----

TONS, ALL TRAFFIC, 57,081,265,
TON-MILES, ALL TRAFFIC, 3,396,150,745.

ST. MARYS FALLS CANAL, MICHIGAN AND SAULT STE. MARIE,
ONTARIO SHIP CANAL, CANADA (INCLUDED IN ST. MARYS RIVER)

SECTION INCLUDED: AMERICAN AND CANADIAN NAVIGATION CANALS AND LOCKS AT ST. MARYS FALLS, SAULT STE. MARIE, MICH. AND ONTARIO.
CONTROLLING DEPTHS: SABIN LOCK 23.1, DAVIS LOCK 23.1, MACARTHUR LOCK 31.0, POE LOCK 32.0 AND 16.4 FEET CANADIAN CANAL. PROJECT DEPTH:
SEE ST. MARYS RIVER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	76,739,521	155,780	1981-----	77,022,752	116,532
1977-----	56,302,020	152,082	1982-----	43,824,736	105,186
1978-----	88,634,899	156,476	1983-----	52,792,424	-----
1979-----	90,499,485	113,074	1984-----	61,117,242	-----
1980-----	75,048,943	106,666	1985-----	58,074,941	-----

FREIGHT TRAFFIC, 1985

EASTBOUND

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC			
		FOREIGN OVERSEAS	CANADIAN	LAKEWISE	DOMESTIC OTHER
TOTAL-----	52,273,147	2,465,561	7,126,166	42,676,756	4,664
3102 BARLEY AND RYE-----	253,723	175,765	53,490	24,468	-----
3103 CORN-----	85,600	67,343	18,257	-----	-----
3107 WHEAT-----	2,443,078	1,495,739	227,441	719,898	-----
3119 JILSEEDS, NEC-----	391,837	391,837	-----	-----	-----
3129 FIELD CROPS, NEC-----	3,252	3,252	-----	-----	-----
3141 FRESH AND FROZEN VEGETABLES--	9,289	9,289	-----	-----	-----
3911 FRESH FISH, EXCEPT SHELLFISH--	14	-----	-----	-----	14
1011 IRON ORE AND CONCENTRATES--	40,919,491	63,924	5,319,193	35,536,374	-----
1091 NONFERROUS ORES, CONCENT, NEC--	97,325	97,325	-----	-----	-----
1121 COAL AND LIGNITE-----	6,413,016	-----	17,000	6,396,016	-----
1442 SAND, GRAVEL, CRUSHED ROCK--	135,231	-----	135,231	-----	-----
1451 CLAY-----	68,035	-----	68,035	-----	-----
2722 DRIED MILK AND CREAM--	7,896	7,896	-----	-----	-----
2742 ANIMAL FEEDS--	2,956	2,956	-----	-----	-----
2749 SHAL, MILL PRODUCTS, NEC--	10,000	10,000	-----	-----	-----
2799 MISCELLANEOUS FOOD PRODUCTS--	3,907	3,907	-----	-----	-----
2821 LUMBER-----	6,289	-----	6,289	-----	-----
2811 PULP-----	3,839	-----	3,839	-----	-----
2823 STANDARD NEWSPRINT PAPER--	16,520	-----	16,520	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS--	7,295	-----	7,295	-----	-----
2872 POTASSIC CHEM FERTILIZERS--	1,223,195	-----	1,223,195	-----	-----
2920 COKE, PETROLEUM COKE--	120,571	91,992	28,579	-----	-----
3011 RUBBER AND MISC PLASTIC PROD--	69	69	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC--	1,652	-----	1,652	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL--	150	-----	150	-----	-----
3731 SHIPS AND BOATS--	4,650	-----	-----	-----	4,650
4011 IRON AND STEEL SCRAP--	44,249	44,249	-----	-----	-----
4112 COMMODITIES, NEC--	18	-----	18	-----	-----

WESTBOUND

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC		
		FOREIGN OVERSEAS	CANADIAN	DOMESTIC LAKEWISE
TOTAL-----	5,401,794	78,560	2,732,645	2,490,549
3105 RICE-----	22	22	-----	-----
3161 ANIMALS AND PRODUCTS, NEC--	3	-----	-----	-----
1121 COAL AND LIGNITE-----	3,482,169	-----	2,145,449	1,716,320
1411 LIGNITE-----	1,126,021	-----	250,657	875,364
1499 NONMETALLIC MINERALS, NEC--	158,572	-----	116,188	42,384
2639 PUMP FRUIT AND VEG JUICE, NEC--	189	-----	189	-----

DETROIT, MI, DISTRICT

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ST. MARYS FALLS CANAL, MICHIGAN AND SAULT STE. MARIE,
ONTARIO SHIP CANAL, CANADA (INCLUDED IN ST. MARYS RIVER)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

WESTBOUND--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC	
		FOREIGN OVERSEAS	CANADIAN DOMESTIC LAKEWISE
2049 GRAIN MILL PRODUCTS, NEC-----	12	12	
2081 ALCOHOLIC BEVERAGES-----	224	224	
2099 MISCELLANEOUS FOOD PRODUCTS-----	15	15	
2211 BASIC TEXTILE PRODUCTS-----	1,986	1,986	
2311 APPAREL-----	4	4	
2491 WOOD MANUFACTURES, NEC-----	5	5	
2511 FURNITURE AND FIXTURES-----	56	56	
2631 PAPER AND PAPERBOARD-----	14	14	
2691 PULP AND PAPER PRODUCTS, NEC-----	5	5	
2711 PRINTED MATTER-----	8	8	
2819 BASIC CHEMICALS AND PROD, NEC-----	5,365	55	5,310
2821 PLASTIC MATERIALS-----	20	20	
2881 SOAP-----	1	1	
2851 PAINTS-----	94	94	
2891 MISCELLANEOUS CHEMICAL PROD-----	51	51	
2920 COKE, PETROLEUM COKE-----	62,243		62,243
3011 RUBBER AND GLASS PLASTIC PROD-----	3	3	
3211 GLASS AND GLASS PRODUCTS-----	20	20	
3241 BUILDING CEMENT-----	488,859		157,688
3251 STRUCTURAL CLAY PRODUCTS-----	15	15	331,171
3291 MISC NONMETALLIC MINERAL PROD-----	21	21	
3315 IRON, STEEL SHAPES, EXC SHEET-----	52,447	52,447	
3317 IRON AND STEEL PIPE AND TUBE-----	75	75	
3316 FERROALLOYS-----	57	57	
3319 IRON AND STEEL PRODUCTS, NEC-----	22,119	22,119	
3321 NONFERROUS METALS, NEC-----	1	1	
3322 COPPER ALLOYS, UNWORKED-----	24	24	
3323 LEAD AND ZINC, UNWORKED-----	27	27	
3324 ALUMINUM AND ALLOYS, UNWORKED-----	50	50	
3411 FABRICATED METAL PRODUCTS-----	530	530	
3511 MACHINERY, EXCEPT ELECTRICAL-----	310	283	27
3611 ELECTRICAL MACH AND EQUIP-----	47	46	1
3711 MOTOR VEHICLES, PARTS, EQUIP-----	64	34	30
3811 INSTR, TIME, PHOTO, OPT GOODS-----	9	9	
3911 MISC MANUFACTURED PRODUCTS-----	27	27	
4112 COMMODITIES, NEC-----	10	8	2
TONS, ALL TRAFFIC, 58,074,941.			

DRUMMOND ISLAND, MICH. (INCLUDED IN ST. MARYS RIVER)

SECTION INCLUDED: PRIVATE LOADING DOCK ON ST. MARYS RIVER AT DRUMMOND ISLAND, MICH. CONTROLLING DEPTHS: 30 FEET TO AND FROM LAKE HURON; 27.0 FEET TO AND FROM LAKE SUPERIOR; 27.0 FEET TO LAKE SUPERIOR) 23 FEET AT DOCK. PROJECT DEPTH: SEE ST. MARYS RIVER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	2,511,365	123,551	1981-----	1,478,847	239,218
1977-----	2,131,597	86,367	1982-----	814,730	205,456
1978-----	2,578,354	83,263	1983-----	1,130,294	223,477
1979-----	2,047,647	66,805	1984-----	1,090,809	240,302
1980-----	1,489,324	218,026	1985-----	1,147,254	209,096

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN CANADIAN	DOMESTIC LAKEWISE
		EXPORTS	SHIPMENTS
1411 LIMESTONE-----	1,147,254	272,159	915,095

GRAYS REEF PASSAGE, MICH.

SECTION INCLUDED: EAST CHANNEL, 3,000 FEET WIDE AND ABOUT 2 MILES LONG. CONTROLLING AND PROJECT DEPTHS: 25 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	5,894,432	6	1981-----	5,194,410	
1977-----	5,378,640		1982-----	3,791,447	
1978-----	6,562,471	944	1983-----	3,732,613	
1979-----	7,690,697		1984-----	4,712,145	
1980-----	6,620,552		1985-----	4,400,025	

Waterborne Commerce of the United States, 1985

GRAYS REEF PASSAGE, MICH.--CONTINUED

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC				
		OVERSEAS NORTHBOUND	FOREIGN NORTHBOUND	CANADIAN SOUTHBOUND	DOMESTIC LAKEWISE NORTHBOUND	SOUTHBOUND
TOTAL-----	4,600,925	1,335,558	1,451,670	4,522	1,510,681	298,494
0103 CORN-----	580,835	238,333	342,502			
0107 WHEAT-----	81,637	77,265	4,372			
0111 SOYBEANS-----	72,802	48,724	24,078			
0141 FRESH AND FROZEN VEGETABLES-----	2,522	2,522				
0161 ANIMALS AND PRODUCTS, NEC-----	22	22				
0861 FOREST PRODUCTS, NEC-----	6	6				
1121 COAL AND LIGNITE-----	480,590	112	39,110		183,306	258,062
1411 LIMESTONE-----	11,117					11,117
1442 SAND, GRAVEL, CRUSHED ROCK-----	787,976		400,934		387,042	
1451 CLAY-----	143,627	71,902	71,725			
1492 SULPHUR, DRY-----	1	1				
2014 TALLOW, ANIMAL FATS AND OILS-----	1,224	1,224				
2021 DAIRY PRODUCTS, NEC-----	26	26				
2022 DRIED MILK AND CREAM-----	31,333	31,333				
2034 VEGETABLES AND PREP, NEC-----	32	32				
2039 PREP FRUIT AND VEG JUICE, NEC-----	33	33				
2041 WHEAT FLOUR AND SEMOLINA-----	43,853	43,853				
2042 ANIMAL FEEDS-----	43	43				
2049 GRAIN MILL PRODUCTS, NEC-----	104,763	104,763				
2081 ALCOHOLIC BEVERAGES-----	12	12				
2091 VEGETABLE OILS, MARG, SHORT-----	51,038	51,038				
2099 MISCELLANEOUS FOOD PRODUCTS-----	14,543	14,543				
2211 BASIC TEXTILE PRODUCTS-----	24	24				
2311 APPAREL-----	1,401	1,401				
2421 LUMBER-----	811	390	421			
2491 WOOD MANUFACTURES, NEC-----	5	5				
2511 FURNITURE AND FIXTURES-----	8	8				
2631 PAPER AND PAPERBOARD-----	34	34				
2691 PULP AND PAPER PRODUCTS, NEC-----	6	6				
2711 PRINTED MATTER-----	10	10				
2812 DYES, PIGMENT, TANNING MATS-----	32	32				
2813 ALCOHOLS-----	11	11				
2819 BASIC CHEMICALS AND PROD, NEC-----	71,171	235			70,936	
2821 PLASTIC MATERIALS AND PROD-----	355	355				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	90	90				
2831 DRUGS-----	199	199				
2841 SOAP-----	173	173				
2851 PAINTS-----	1	1				
2871 NITROGENOUS CHEM FERTILIZERS-----	39,260				39,260	
2876 INSECTICIDES, DISINFECTANTS-----	413	413				
2879 FERTILIZER AND MATERIALS, NEC-----	39	39				
2891 MISCELLANEOUS CHEMICAL PROD-----	62	62				
2911 GASOLINE-----	236,290		4,522		202,453	29,315
2912 JET FUEL-----	7,166		7,166			
2914 DISTILLATE FUEL OIL-----	77,294				77,294	
2915 RESIDUAL FUEL OIL-----	2,604				2,604	
2919 ASPHALT, TAR, AND BITUMENS-----	105,707		6,308		99,399	
2920 COKE, PETROLEUM COKE-----	891,666	279,253	521,599		90,814	
3011 RUBBER AND MISC PLASTIC PROD-----	41	41				
3211 GLASS AND GLASS PRODUCTS-----	20	20				
3241 BUILDING CEMENT-----	357,573				357,573	
3291 MISC NONMETALLIC MINERAL PROD-----	1,116	1,116				
3314 IRON AND STEEL PRIMARY FORMS-----	19,511	14,196	5,315			
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,236	1,236				
3316 IRON AND STEEL PLATES, SHEETS-----	21,973	21,973				
3317 IRON AND STEEL PIPE AND TUBE-----	146	146				
3321 NONFERROUS METALS, NEC-----	4	4				
3411 FABRICATED METAL PRODUCTS-----	205	205				
3511 MACHINERY, EXCEPT ELECTRICAL-----	24,827	24,341	486			
3611 ELECTRICAL MACH AND EQUIP-----	358	358				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	752	752				
3721 AIRCRAFT AND PARTS-----	1	1				
3731 SHIPS AND BOATS-----	4	4				
3791 MISC TRANSPORTATION EQUIPMENT-----	413	413				
3811 INSTA, TIME, PHOTO, OPT GOODS-----	94	94				
3911 MISC MANUFACTURED PRODUCTS-----	5	5				
4011 IRON AND STEEL SCRAP-----	325,617	297,928	27,689			
4012 NONFERROUS METAL SCRAP-----	45	45				
4022 TEXTILE WASTE, SCRAP, SHEEP-----	40	40				
4112 COMMODITIES, NEC-----	1,086	1,075	5			
4999 DEPARTMENT OF DEFENSE AND SCI-----	3,095	3,095				

MANISTEE HARBOR, MICH.

SECTION INCLUDES ENTRANCE CHANNEL AND ENTIRE AREA OF MANISTEE LAKE, INCLUDING FILER CITY. CONTROLLING DEPTHS: 24 FEET OVER THE ENTRANCE BAR, THROUGH THE OUTER BASIN AND IN THE CHANNEL BETWEEN THE PIERS; THENCE 23 FEET IN THE RIVER CHANNEL, NARROWING TO A MINIMUM WIDTH OF ABOUT 100 TO 140 FEET TO MANISTEE LAKE. PROJECT DEPTHS: 25 FEET IN THE OUTER BASIN AND 23 FEET IN THE RIVER TO MANISTEE LAKE. NAVIGATION SEASON: MARCH 31 TO DECEMBER 31.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	182,502	1981-----	132,300
1977-----	181,464	1982-----	214,561
1978-----	183,806	1983-----	229,834
1979-----	117,423	1984-----	262,050
1980-----	185,741	1985-----	263,360

DETROIT, MI, DISTRICT

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MANISTEE HARBOR, MICH.--CONTINUED

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	LAKEWISE		LOCAL
		RECEIPTS		
TOTAL-----	263,360	263,357		
0911 FRESH FISH, EXCEPT SHELLFISH-----	3			
1121 COAL AND LIGNITE-----	208,127	208,127		
1411 LIMESTONE-----	37,082	37,082		
1499 NONMETALLIC MINERALS, NEC-----	18,148	18,148		

LUDINGTON HARBOR, MICH.

SECTION INCLUDED: ENTRANCE CHANNEL AND ENTIRE AREA OF PERE MARQUETTE LAKE. CONTROLLING DEPTHS: 23 FEET IN THE OUTER ENTRANCE BAR DECREASING TO 20 FEET THROUGH THE OUTER BASIN AND IN THE CHANNEL TO PERE MARQUETTE LAKE. PROJECT DEPTHS: 18 FEET TO PERE MARQUETTE LAKE. NAVIGATION SEASON: APRIL 2 TO DECEMBER 31.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	2,338,770	156,218	1981-----	1,762,302	85,668
1977-----	2,448,983	169,671	1982-----	1,190,794	86,515
1978-----	2,397,920	110,006	1983-----	659,845	87,085
1979-----	2,764,888	133,765	1984-----	1,174,955	98,676
1980-----	2,129,001	136,272	1985-----	1,075,051	85,038

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	LAKEWISE		DOMESTIC	LOCAL
		CANADIAN	IMPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	1,075,051	12,668	400,783	660,121	1,442	37
0141 FRESH AND FROZEN VEGETABLES-----	5,362		4,596	766		
0911 FRESH FISH, EXCEPT SHELLFISH-----	37					37
1411 LIMESTONE-----	261,255		261,255			
1442 SAND, GRAVEL, CRUSHED ROCK-----	96,986		1,661	95,325		
1499 NONMETALLIC MINERALS, NEC-----	19,671		90	18,139	1,442	
2021 DAIRY PRODUCTS, NEC-----	5,422		3,983	1,439		
2022 DRIED MILK AND CREAM-----	1,537		969	568		
2034 VEGETABLES AND PREP, NEC-----	5,850		5,850			
2414 TIMBER, POSTS, POLES, PILING-----	352		352			
2431 VENEER, PLYWOOD, WORKED WOOD-----	2,161		1,970	191		
2491 WOOD MANUFACTURES, NEC-----	4,475		3,846	1,129		
2611 PULP-----	81,957		29,523	52,434		
2631 PAPER AND PAPERBOARD-----	81,810		75,414	6,396		
2819 BASIC CHEMICALS AND PROD, NEC-----	266,702		266,702			
2922 SYNTHETIC RUBBER-----	3,667		3,667			
2972 POTASSIUM CHEM FERTILIZERS-----	174		174			
2991 MISCELLANEOUS CHEMICAL PROD-----	17,768		500	17,268		
2914 DISTILLATE FUEL OIL-----	6,807	6,807				
2915 RESIDUAL FUEL OIL-----	5,861	5,861				
3241 BUILDING CEMENT-----	21,400			21,400		
3251 STRUCTURAL CLAY PRODUCTS-----	167,181			167,181		
3241 CUT STONE AND STONE PRODUCTS-----	2,112		950	1,162		
3291 MISC NONMETALLIC MINERAL PROD-----	2,663		1,513	1,150		
3311 PIG IRON-----	141			141		
3411 FABRICATED METAL PRODUCTS-----	2,575			2,575		
3911 MISC MANUFACTURED PRODUCTS-----	12,625		4,137	2,448		

MUSKEGON HARBOR, MICH.

SECTION INCLUDED: ENTRANCE CHANNEL AND ENTIRE AREA OF MUSKEGON LAKE. CONTROLLING DEPTHS: 29.0 FEET THROUGH THE OUTER PORTION OF PROJECT AND 27 FEET IN CHANNEL TO MUSKEGON LAKE. PROJECT DEPTH: VARYING FROM 29.0 FEET AT HARBOR ENTRANCE TO 28 FEET BETWEEN BREAKWATERS AND 27 FEET IN INNER CHANNEL. NAVIGATION SEASON: APRIL 7 TO DECEMBER 31.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	2,270,828		1981-----	1,158,899	
1977-----	1,912,425		1982-----	1,153,136	
1978-----	1,952,476		1983-----	912,129	
1979-----	1,906,688		1984-----	1,303,734	
1980-----	1,235,114		1985-----	773,481	

Waterborne Commerce of the United States, 1985

MUSKEGON HARBOR, MICH.--CONTINUED

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		OVERSEAS	CANADIAN	LAKELISE	INTERNAL	
		EXPORTS	IMPORTS	RECEIPTS	RECEIPTS	
TOTAL-----	773,581	5,703	11,314	751,140	5,339	85
0911 FRESH FISH, EXCEPT SMELFISH-----	85					85
1121 COAL AND LIGNITE-----	615,958			615,958		
1411 Limestone-----	57,651			57,651		
2871 NITROGENOUS CHEM FERTILIZERS-----	19,343			9,004	5,339	
2911 GASOLINE-----	8,342			8,342		
3241 BUILDING CEMENT-----	60,185			60,185		
3311 PIG IRON-----	11,314		11,314			
4011 IRON AND STEEL SCRAP-----	5,703	5,703				

GRAND HAVEN HARBOR AND GRAND RIVER, MICH.

SECTION INCLUDED: ENTIRE HARBOR, INCLUDING FERRYBURG AND SPRING LAKE; AND GRAND RIVER FROM GRAND TRUNK RY. BRIDGE AT FERRYBURG TO BASS RIVER ABOUT 15 MILES. CONTROLLING DEPTHS: 22 FEET IN ENTRANCE CHANNEL; 21 FEET TO THE MOUTH OF THE SOUTH CHANNEL; 19 FEET TO THE SAG; 20 FEET TO GRAND TRUNK RY. BRIDGE AT FERRYBURG; 17 FEET IN THE TURNING BASIN; 17 FEET IN CHANNEL TO SPRING LAKE; THENCE 8 FEET TO MILE 17.0 AND 5 FEET TO THE END OF THE PROJECT. PROJECT DEPTHS: 23 FEET IN ENTRANCE CHANNEL; 21 FEET TO FERRYBURG; 18 FEET IN CHANNEL TO SPRING LAKE; 8 FEET TO MOUTH OF BASS RIVER; MISCELLANEOUS SHOALS IN THE TURNING BASIN. NAVIGATION SEASON: MARCH 1 TO DECEMBER 31.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	830,858	1981-----	430,087
1977-----	499,510	1982-----	479,311
1978-----	701,717	1983-----	1,050,419
1979-----	1,009,966	1984-----	1,358,439
1980-----	565,202	1985-----	1,455,412

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN CANADIAN		DOMESTIC LAKELISE	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	1,455,412	123,487	400,934	616,365	314,626
1121 COAL AND LIGNITE-----	189,780			189,780	
1411 Limestone-----	196,018			196,018	
1442 SAND, GRAVEL, CRUSHED ROCK-----	750,737	35,177	400,934		314,626
1499 NONMETALLIC MINERALS, NEC-----	92,467	61,604		30,863	
2871 NITROGENOUS CHEM FERTILIZERS-----	7,295	7,295			
2872 POTASSIC CHEM FERTILIZERS-----	19,411	19,411			
2913 KEROSENE-----	4,751			4,751	
3241 BUILDING CEMENT-----	30,949			30,949	
3312 SLAG-----	164,004			164,004	

HOLLAND HARBOR, MICH.

SECTION INCLUDED: ENTRANCE CHANNEL 23 FEET DECREASING TO 21 FEET DEEP AT THE OUTER END OF THE INNER PIER; THENCE A CHANNEL TO AND THROUGH LAKE MACATAWA TO THE WHARVES IN HOLLAND, MICHIGAN, A TURNING BASIN 14 FEET DEEP, A CHANNEL IN BLACK RIVER 21 FEET DEEP AND A SETTLING BASIN ABOVE THE BLACK RIVER CHANNEL TO THE STATE STREET BRIDGE. NAVIGATION SEASON: MARCH 13 TO DECEMBER 31.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	338,735	1981-----	263,974
1977-----	377,122	1982-----	209,365
1978-----	419,916	1983-----	353,738
1979-----	451,492	1984-----	298,773
1980-----	263,177	1985-----	456,506

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN CANADIAN		DOMESTIC LAKELISE	
		EXPORTS	IMPORTS	EXPORTS	RECEIPTS
TOTAL-----	456,506	43,853	49,506	20,088	343,059
1121 COAL AND LIGNITE-----	195,906				195,906
1411 Limestone-----	88,934				88,934
1499 NONMETALLIC MINERALS, NEC-----	42,074		19,357		22,717
2872 POTASSIC CHEM FERTILIZERS-----	30,149		30,149		
3312 SLAG-----	37,502				37,502
4011 IRON AND STEEL SCRAP-----	63,981	43,853		20,088	

DETROIT, MI, DISTRICT

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ST. JOSEPH HARBOR, MICH.

SECTION INCLUDED: ENTRANCE CHANNEL AND LOWER PORTION OF ST. JOSEPH RIVER TO AND INCLUDING BENTON HARBOR CANAL. CONTROLLING DEPTHS: 24 FEET AT ENTRANCE; 24 FEET BETWEEN ENTRANCE PIERS AND IN THE RIVER TO THE MOUTH OF THE PAR PAW RIVER; WITH 1 FOOT OF SHOALING ALONG THE CHANNEL LIMITS; 17 FEET IN THE TURNING BASINS AND 18 FEET AT BENTON HARBOR CANAL. PROJECT DEPTHS: 21 FEET AT ENTRANCE, AND IN CHANNEL AND RIVER TO THE MOUTH OF THE PAR PAW RIVER; 18 FEET IN TURNING BASINS AND THE BENTON HARBOR CANAL. NAVIGATION SEASON: MARCH 7 TO DECEMBER 31.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976	295,066	1981	429,216
1977	308,441	1982	270,254
1978	320,633	1983	243,348
1979	443,895	1984	330,042
1980	445,889	1985	390,330

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY	LAKEWISE RECEIPTS
TOTAL	390,330
1411 LIMESTONE	199,887
1499 NONMETALLIC MINERALS, NEC	61,759
3241 BUILDING CEMENT	105,129
3312 SLAG	23,555

MILWAUKEE HARBOR, WIS.

SECTION INCLUDED: LAKE APPROACH CHANNEL, OUTER HARBOR, MILWAUKEE RIVER TO BUFFALO STREET, LOWER 2 MILES OF MEMPHONEE RIVER, LOWER 2 MILES OF KINNICKINNICK RIVER AND SOUTH MEMPHONEE AND BURNHAM CANALS. CONTROLLING AND PROJECT DEPTHS: 30 FEET IN LAKE APPROACH CHANNEL, 28 FEET IN THE ENTRANCE CHANNEL AND THE SOUTH OUTER HARBOR, 21 FEET IN THE NORTH OUTER HARBOR, 27 FEET IN THE KINNICKINNICK RIVER TO THE CHICAGO AND NORTH WESTERN RAILWAY BRIDGE AT MILE 1.0, THENCE 21 FEET TO SOUTH KINNICKINNICK AVENUE BRIDGE; 27 FEET IN MILWAUKEE RIVER TO THE CHICAGO AND NORTH WESTERN RAILWAY BRIDGE AT MILE 0.21, THENCE 21 FEET TO EAST BUFFALO STREET BRIDGE; 21 FEET IN MEMPHONEE RIVER AND SOUTH MEMPHONEE AND BURNHAM CANALS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	3,546,707	115,442	1981	3,000,454	72,494
1977	3,946,382	116,455	1982	2,249,033	88,184
1978	4,497,949	113,381	1983	2,740,575	109,294
1979	4,679,800	101,606	1984	2,993,065	167,428
1980	4,079,506	97,681	1985	2,489,694	101,652

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN						DOMESTIC		LOCAL
		OVERSEAS		CANADIAN		LAKEWISE		INTERNAL		
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS		
TOTAL-----	2,449,644	89,045	522,770	441,083	170,699	1,253,145	7,457	5,187	258	
0103 CORN-----	295,839		125,264		170,575					
0107 WHEAT-----	39,087		39,087							
0111 SOYBEANS-----	11,342		11,342							
0141 FRESH AND FROZEN VEGETABLES-----	2,456		2,456							
0143 ANIMALS AND PRODUCTS, NEC-----	3			3						
0861 FOREST PRODUCTS, NEC-----	148	148								
0911 FRESH FISH, EXCEPT SHELLFISH-----	258								258	
1121 COAL AND LIGNITE-----	517,546					517,546				
1311 CRUDE PETROLEUM-----				1,771						
1411 LIMESTONE-----	210,672					210,672				
1442 SAND, GRAVEL, CRUSHED ROCK-----	22,819	20				22,799				
1451 CLAY-----	17		17							
1499 NONMETALLIC MINERALS, NEC-----	477,402	18		356,915		120,469				
2014 TALLOW, ANIMAL FATS AND OILS-----	654		654							
2021 DAIRY PRODUCTS, NEC-----	28		28							
2022 DRIED MILK AND CREAM-----	25,993		25,993							
2034 VEGETABLES AND PREP, NEC-----	19		18							
2039 PREP FRUIT AND VEG JUICE, NEC-----	149	149								
2041 MEAT FLOUR AND SEMOLINA-----	29,827		29,827							
2049 GRAIN MILL PRODUCTS, NEC-----	64,494		64,491							
2081 ALCOHOLIC BEVERAGES-----	2,470	2,436		12	22					
2091 VEGETABLE OILS, MARG, SHORT-----	39,812		39,812							
2099 MISCELLANEOUS FOOD PRODUCTS-----	13,987	2	13,985							
2211 BASIC TEXTILE PRODUCTS-----	6,067	6,067								
2311 APPAREL-----	1,401		1,401							
2421 LUMBER-----	390		390							
2511 FURNITURE AND FIXTURES-----	56		56							
2621 STANDARD NEWSPRINT PAPER-----	3,314	3,314								
2631 PAPER AND PAPERBOARD-----	27,575	27,543	32							
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	3,382			3,381						
2812 DYES, PIGMENT, TANNING MATS-----	32		32							
2817 BENZENE AND TOLUENE-----	2,261			2,261						

Waterborne Commerce of the United States, 1985

MILWAUKEE HARBOR, WIS.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC			
		OVERSEAS		CANADIAN		LAKEWISE		INTERNAL	LOCAL
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	
2819 BASIC CHEMICALS AND PROD, NEC--	5,582	4	179	5,399					
2821 PLASTIC MATERIALS-----	57		57						
2831 DRUGS-----	2		2						
2841 SOAP-----	23		23						
2851 PAINTS-----	1								
2871 NITROGENOUS CHEM FERTILIZERS--	23,809	9,459				9,163		5,167	
2879 FERTILIZER AND MATERIALS, NEC--	39		39						
2891 MISCELLANEOUS CHEMICAL PROD--	40		40						
2911 GASOLINE-----	29,337			12,274		12,906	4,157		
2914 DISTILLATE FUEL OIL-----	16,021			16,021					
3011 RUBBER AND MISC PLASTIC PROD--	16	5	11						
3241 BUILDING CEMENT-----	356,290					356,290			
3251 STRUCTURAL CLAY PRODUCTS-----	170	170							
3281 CUT STONE AND STONE PRODUCTS--	426		426						
3291 MISC NONMETALLIC MINERAL PROD--	53		53						
3311 PIG IRON-----	45,394	2,354		43,036					
3314 IRON AND STEEL PRIMARY FORMS--	4,585	4,585							
3315 IRON, STEEL SHAPES, EXC SHEET--	26,562	26,562							
3316 IRON AND STEEL PLATES, SHEETS--	6,558	2,329	4,229						
3317 IRON AND STEEL PIPE AND TUBE--	1,416	1,270	146						
3321 NONFERROUS METALS, NEC-----	4		4						
3324 ALUMINUM AND ALLOYS, UNWORKED--	50	50							
3411 FABRICATED METAL PRODUCTS-----	74	71	3						
3511 MACHINERY, EXCEPT ELECTRICAL--	20,224	630	19,475		119				
3611 ELECTRICAL MACH AND EQUIP-----	176	4	172						
3711 MOTOR VEHICLES, PARTS, EQUIP--	685	575	110						
3791 MISC TRANSPORTATION EQUIPMENT--	424	11	413						
3811 INSTR, TIME, PHOTO, OPT GOODS--	26	2	26						
3911 MISC MANUFACTURED PRODUCTS-----	759	757	2						
4011 IRON AND STEEL SCRAP-----	148,465		141,865			3,300	3,300		
4012 NONFERROUS METAL SCRAP-----	45		45						
4022 TEXTILE WASTE, SCRAP, SLEEF--	1		1						
4112 COMMODITIES, NEC-----	1,076	5	1,066		5				
9999 DEPARTMENT OF DEFENSE AND SCI--	21		21						

SHEROYGAN HARBOR, WIS.

SECTION INCLUDED: OUTER HARBOR AND LOWER 1.0 MILES OF RIVER. CONTROLLING AND PROJECT DEPTHS: 25 FEET IN ENTRANCE CHANNEL; 21-25 FEET IN THE TURNING BASIN; 21 FEET IN THE RIVER CHANNEL TO MARYLAND AVENUE; 15 FEET TO JEFFERSON AVENUE. NAVIGATION SEASON: 9 APRIL TO 30 DECEMBER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	221,320	1981-----	119,046
1977-----	163,253	1982-----	148,219
1978-----	265,079	1983-----	126,534
1979-----	313,584	1984-----	1,257,661
1980-----	167,576	1985-----	1,095,005

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	LAKEWISE		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL-----	1,095,005	587,734	507,040	231
0911 FRESH FISH, EXCEPT SHELLFISH--	231			231
1121 COAL AND LIGNITE-----	1,059,844	552,804	507,040	
1499 NONMETALLIC MINERALS, NEC-----	17,507	17,507		
2819 BASIC CHEMICALS AND PROD, NEC--	17,423	17,423		

MILWAUKEE HARBOR, WIS.

SECTION INCLUDED: OUTER HARBOR, INNER HARBOR AND NORTH BASIN. CONTROLLING AND PROJECT DEPTHS: 20 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	920,760	22,662	1981-----	1,273,942	41,666
1977-----	875,095	50,436	1982-----	605,157	87,946
1978-----	956,015	44,140	1983-----	182,424	69,727
1979-----	1,802,964	32,639	1984-----	320,226	75,336
1980-----	1,120,754	39,565	1985-----	437,753	85,038

DETROIT, MI, DISTRICT

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KENAUNEE HARBOR, WIS.--CONTINUED

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	LAKEWISE		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL-----	437,753	298,204	139,528	21
0141 FRESH AND FROZEN VEGETABLES-----	5,362	766	4,596	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	21	-----	-----	21
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,771	110	1,661	-----
1499 NONMETALLIC MINERALS, NEC-----	18,229	18,139	90	-----
2021 DAIRY PRODUCTS, NEC-----	5,422	1,439	3,983	-----
2022 DRIED MILK AND CREAM-----	1,517	568	949	-----
2034 VEGETABLES AND PREP, NEC-----	5,850	-----	5,850	-----
2414 TIMBER, POSTS, POLES, PILING-----	352	-----	352	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	2,161	191	1,970	-----
2491 WOOD MANUFACTURES, NEC-----	4,975	1,129	3,846	-----
2611 PULP-----	81,957	52,434	29,523	-----
2631 PAPER AND PAPERBOARD-----	41,810	6,396	75,614	-----
2822 SYNTHETIC RUBBER-----	3,667	3,667	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	174	-----	174	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	17,768	17,268	500	-----
3241 BUILDING CEMENT-----	21,400	21,400	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	167,181	167,181	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	2,112	1,165	950	-----
3291 WISC NONMETALLIC MINERAL PROD-----	2,863	1,150	1,513	-----
3311 PIG IRON-----	141	141	-----	-----
3411 FABRICATED METAL PRODUCTS-----	2,575	2,575	-----	-----
3911 WISC MANUFACTURED PRODUCTS-----	10,625	2,448	8,137	-----

GREEN BAY HARBOR, WIS.

SECTION INCLUDED: OUTER CHANNEL, CHANNEL THROUGH THE CITY OF GREEN BAY AND UPPER RIVER CHANNEL TO CITY OF DE PERE, CONTROLLING AND PROJECT DEPTHS: 26 FEET IN OUTER CHANNEL TO GRASSY ISLAND; 24 FEET IN THE ENTRANCE CHANNEL AND RIVER CHANNEL TO A POINT 1,700 FEET UPSTREAM FROM THE C. & N. W. R. R. BRIDGE; 24 FEET IN THE TURNING BASIN AT THE MOUTH OF THE EAST RIVER; 20 FEET IN THE TURNING BASIN ABOVE THE C. & N. W. R. R. BRIDGE; 18 FEET IN THE UPPER RIVER CHANNEL AND TURNING BASIN AT THE CITY OF DE PERE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	2,340,581	1981-----	1,979,865
1977-----	2,476,718	1982-----	2,030,832
1978-----	2,457,924	1983-----	2,440,974
1979-----	2,639,326	1984-----	2,422,674
1980-----	2,299,601	1985-----	2,295,721

* PASSENGERS--22,500.

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN OVERSEAS		CANADIAN	DOMESTIC LAKEWISE		LOCAL
		IMPORTS	EXPORTS	IMPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,295,721	99,204	55,733	157,425	1,942,483	40,173	703
0141 FRESH AND FROZEN VEGETABLES-----	44	-----	44	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	703	-----	-----	-----	-----	-----	703
1121 COAL AND LIGNITE-----	1,501,821	-----	-----	-----	1,501,821	-----	-----
1411 LIMESTONE-----	125,589	-----	-----	-----	125,589	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,006	-----	-----	-----	-----	1,006	-----
1494 GYPSUM, CRUDE AND PLASTERS-----	10,065	-----	-----	-----	10,065	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	128,535	-----	-----	66,731	61,804	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	15,076	-----	15,076	-----	-----	-----	-----
2022 DRIED MILK AND CREAM-----	27,046	-----	27,046	-----	-----	-----	-----
2041 MEAT FLOUR AND SEMOLINA-----	2,987	-----	2,987	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC-----	10,166	-----	10,166	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	371	-----	371	-----	-----	-----	-----
2611 FURNITURE AND FIXTURES-----	42	-----	42	-----	-----	-----	-----
2611 PULP-----	111,770	98,651	-----	13,119	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	66	66	-----	-----	-----	-----	-----
2841 SOAP-----	1	-----	-----	1	-----	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	4,795	-----	-----	4,795	-----	-----	-----
2911 GASOLINE-----	60,056	-----	-----	36,610	-----	23,476	-----
2914 DISTILLATE FUEL OIL-----	51,861	-----	-----	36,170	-----	15,691	-----
2916 ASPHALT, TAR, AND BITUMENS-----	58,681	-----	-----	-----	58,681	-----	-----
2920 COKE, PETROLEUM COKE-----	9,250	-----	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	175,273	-----	-----	-----	175,273	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	14	14	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	473	473	-----	-----	-----	-----	-----

Waterborne Commerce of the United States, 1985

ALPENA HARBOR, MICH.

SECTION INCLUDED: LOWER 4,000 FEET OF RIVER AND PRIVATE HARBORS NORTH OF MOUTH OF THUNDER BAY RIVER. CONTROLLING DEPTHS: 21 FEET IN THE BAY SECTION; 17 FEET IN RIVER; 15 FEET IN TURNING BASIN. PROJECT DEPTHS: CHANNEL 24 FEET DEEP FROM THAT DEPTH IN THUNDER BAY TO A POINT 2,500 FEET LAKEWARD OF THE LIGHTHOUSE; THENCE 23 FEET IN RIVER NARROWING TO 100-FOOT WIDTH AT A POINT 700 FEET UPSTREAM FROM THE LIGHTHOUSE; THENCE 100 FEET WIDE AND 22 FEET DEEP TO THE SECOND AVE. BRIDGE; THENCE 18.5 FEET DEEP AND 75 FEET WIDE TO THE UPPER LIMITS OF THE PROJECT; A TURNING BASIN 15 FEET DEEP BY 3.7 ACRES AT THE UPPER END OF PROJECT; AND A TURNING BASIN 14 FEET DEEP AT THE RIVER MOUTH. NAVIGATION SEASON: MARCH 15 TO DECEMBER 17.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976	2,835,479	1981	2,170,676
1977	3,004,934	1982	1,821,190
1978	3,203,682	1983	2,178,305
1979	2,942,149	1984	2,423,224
1980	2,737,030	1985	2,382,346

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN CANADIAN		DOMESTIC LAKEWISE		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL	2,382,346	23,106	31,828	458,319	1,868,927	166
0911 FRESH FISH, EXCEPT SHELLFISH	166					166
1011 IRON ORE AND CONCENTRATES	9,696			9,696		
1121 COAL AND LIGNITE	407,192	17,000		390,192		
1499 NONMETALLIC MINERALS, NEC	10,562			10,562		
2914 DISTILLATE FUEL OIL	6,106	6,106				
2920 COKE, PETROLEUM COKE	47,869			47,869		
3241 BUILDING CEMENT	1,900,755		31,828		1,868,927	

SAGINAW RIVER, MICH.

SECTION INCLUDED: FROM THE MOUTH OF THE RIVER TO AND INCLUDING SAGINAW, MICHIGAN. CONTROLLING DEPTHS: 27 FEET FROM THE 25 FOOT CONTOUR IN SAGINAW BAY TO 19 FEET AT THE RIVER MOUTH; 4 - 5 FEET MISC. SHOALING ALONG CHANNEL LIMITS; THENCE 24 FEET TO THE PENN CENTRAL R.R. BRIDGE; THENCE 22 FEET TO THE C&D R.R. BRIDGE IN SAGINAW, MICHIGAN; THENCE 14 FEET TO THE HOLLAND STREET BRIDGE; THENCE ABOUT 7 FEET OVER A WIDTH OF 100 FEET UPSTREAM TO GREEN POINT. CONTROLLING DEPTHS IN TURNING BASINS ARE: ESSEXVILLE - 19 AND 24 FEET; AIRPORT - 21 FEET; CARROLLTON - 19 FEET; SIXTH STREET - 20 FEET; BASIN AT 19 MILE POINT - 15 FEET. PROJECT DEPTHS: 27 FEET FROM THE DEEPWATER IN SAGINAW BAY TO THE RIVER MOUTH; 2 TO 3 FEET OF SHOALING ALONG THE CHANNEL LIMITS FROM THE DT & I.R.R. BRIDGE TO MILE 7 IN THE BAY SECTION; THENCE 26 FEET FOR 0.4 MILE; THENCE 25 FEET TO THE PENN CENTRAL R.R. BRIDGE; THENCE 22 FEET TO THE C&D R.R. BRIDGE IN SAGINAW; THENCE 16.5 FEET TO THE UPSTREAM LIMIT AT GREEN POINT. 20 AND 25 FEET IN ESSEXVILLE TURNING BASIN; 22 FEET IN THE AIRPORT TURNING BASIN; 20 FEET IN THE CARROLLTON TURNING BASIN; 20 FEET IN THE SIXTH STREET TURNING BASIN AND 15 FEET IN THE TURNING BASIN AT THE 19 MILE POINT. NAVIGATION SEASON: MARCH 24 TO DECEMBER 31.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976	3,072,473	1981	2,593,591
1977	3,050,238	1982	1,808,792
1978	3,173,575	1983	2,385,719
1979	4,046,126	1984	2,541,884
1980	3,081,260	1985	3,902,669

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN OVERSEAS		CANADIAN		DOMESTIC LAKEWISE		LOCAL
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL	3,902,669	5,592	20,454	744,136	99,372	2,998,974	34,136	3
0103 CORN	69,336				69,336			
0107 WHEAT	30,036				30,036			
0911 FRESH FISH, EXCEPT SHELLFISH	3							3
1121 COAL AND LIGNITE	642,221					642,221		
1411 LIMESTONE	1,826,732					1,826,732		
1442 SAND, GRAVEL, CRUSHED ROCK	401,276			111,849		291,827		
1499 NONMETALLIC MINERALS, NEC	82,280			82,280				
2042 ANIMAL FEEDS	6,026		6,026					
2211 BASIC TEXTILE PRODUCTS	551	551						
2813 ALCOHOLS	834		834					
2819 BASIC CHEMICALS AND PROD, NEC	77,106		11,480			65,626		
2841 SOAP	2,114		2,114					
2871 NITROGENOUS CHEM FERTILIZERS	43,861	4,601				39,260		
2872 POTASSIC CHEM FERTILIZERS	161,364			161,364				
2911 GASOLINE	102,530			32,806		35,765	33,968	
2914 DISTILLATE FUEL OIL	22,071			14,483		7,590		
2915 RESIDUAL FUEL OIL	8,284			2,659		5,625		
3241 BUILDING CEMENT	423,414			339,095		84,323		
3411 FABRICATED METAL PRODUCTS	12	12						
3511 MACHINERY, EXCEPT ELECTRICAL	494	424					170	
3711 MOTOR VEHICLES, PARTS, EQUIP	2	2						
3911 MISC MANUFACTURED PRODUCTS	2	2						

DETROIT, MI, DISTRICT

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ST. CLAIR RIVER, MICH.

SECTION INCLUDED: ENTIRE LENGTH OF ST. CLAIR RIVER AND BLACK RIVER UP TO WASHINGTON AVENUE IN PORT HURON. CONTROLLING DEPTHS: 27 TO 30 FEET IN ST. CLAIR RIVER AT PORT HURON AND 20 FEET IN BLACK RIVER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TRAFFIC OF PORTS		THROUGH TRAFFIC		TOTAL	
	TONS	PASSENGERS	TONS	PASSENGERS	TONS	PASSENGERS
1976	4,303,988	269,489	92,056,242	2,608	96,360,190	272,097
1977	5,746,025	282,096	77,004,441	-----	82,750,466	282,096
1978	4,845,300	268,779	102,023,236	962	106,868,536	269,741
1979	4,845,648	281,784	107,845,409	-----	112,691,057	281,784
1980	5,318,169	298,752	83,692,184	-----	89,010,353	298,752
1981	4,446,740	272,715	82,377,416	-----	86,824,156	272,715
1982	3,982,476	196,453	50,706,563	-----	54,689,039	196,453
1983	5,022,252	186,296	55,100,993	-----	60,123,245	186,296
1984	6,642,651	298,649	67,708,065	-----	74,350,716	298,649
1985	8,860,528	223,264	63,057,479	-----	69,918,007	223,264

FREIGHT TRAFFIC, 1985

UPBOUND

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC			RECEIPTS AND SHIPMENTS		
		FOREIGN OVERSEAS	CANADIAN	DOMESTIC LAKEWISE	FOREIGN OVERSEAS	CANADIAN	DOMESTIC LAKEWISE
TOTAL	19,185,870	1,923,837	9,893,950	7,019,557	30	6,947	541,540
0105 RICE	85	85	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC	31	31	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC	42	42	-----	-----	-----	-----	-----
0131 FRESH FRUITS	23	23	-----	-----	-----	-----	-----
0133 COFFEE	3	3	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES	67	67	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC	20	17	3	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS	48	48	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC	412	412	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH	15	15	-----	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES	2,647,999	76,461	2,571,538	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES	49,083	49,083	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE	11,882,947	-----	5,307,274	6,107,675	-----	-----	467,998
1311 CRUDE PETROLEUM	10,300	-----	10,300	-----	-----	-----	-----
1411 Limestone	28,339	-----	-----	8,264	-----	-----	20,075
1442 SAND, GRAVEL, CRUSHED ROCK	973	973	-----	-----	-----	-----	-----
1451 CLAY	1,280	1,280	-----	-----	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC	1,400,136	-----	743,219	633,925	-----	6,946	15,400
1911 ORDNANCE AND ACCESSORIES	104	94	10	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC	23	23	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC	148	146	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC	97	97	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED	49	49	-----	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC	785	785	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC	1,037	1,037	-----	-----	-----	-----	-----
2042 ANIMAL FEEDS	27	27	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC	185	185	-----	-----	-----	-----	-----
2061 SUGAR	160	160	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES	9,039	9,015	24	-----	-----	-----	-----
2091 VEGETABLE OILS, MARG, SHORT	239	239	-----	-----	-----	-----	-----
2095 ICE	213	213	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS	777	777	-----	-----	-----	-----	-----
2111 TORRIFIED MANUFACTURES	2	2	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS	9,075	9,075	-----	-----	-----	-----	-----
2212 TEXTILE FIBERS, NEC	233	233	-----	-----	-----	-----	-----
2311 APPAREL	63	63	-----	-----	-----	-----	-----
2421 LUMBER	47	47	-----	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD	56	56	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC	35	35	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES	835	835	-----	-----	-----	-----	-----
2611 PULP	107,931	98,651	9,280	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER	3,314	3,314	-----	-----	-----	-----	-----
2631 PAPER AND PAPERBOARD	30,208	30,184	24	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC	95	95	-----	-----	-----	-----	-----
2711 PRINTED MATTER	81	81	-----	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS	81,973	182	81,791	-----	-----	-----	-----
2813 ALCOHOLS	23,430	1,225	22,205	-----	-----	-----	-----
2817 BENZENE AND TOLUENE	84,487	-----	84,487	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC	86,096	15,399	70,699	-----	38	-----	-----
2821 PLASTIC MATERIALS	644	644	-----	-----	-----	-----	-----
2822 SYNTHETIC RUBBER	42	42	-----	-----	-----	-----	-----
2931 DRUGS	171	171	-----	-----	-----	-----	-----
2941 SOAP	77	77	-----	-----	-----	-----	-----
2951 PAINTS	1,197	1,197	-----	-----	-----	-----	-----
2961 GUM AND WOOD CHEMICALS	183	183	-----	-----	-----	-----	-----
2971 NITROGENOUS CHEM FERTILIZERS	34,530	34,530	-----	-----	-----	-----	-----
2991 MISCELLANEOUS CHEMICAL PROD	944	922	22	-----	-----	-----	-----
2911 GASOLINE	123,740	-----	91,572	32,168	-----	-----	-----
2912 JET FUEL	81,121	-----	16,945	64,176	-----	-----	-----
2914 DISTILLATE FUEL OIL	185,424	-----	154,963	3,557	-----	-----	26,908
2915 RESIDUAL FUEL OIL	84,287	-----	41,503	42,784	-----	-----	10,763
2916 LUBRICATING OILS AND GREASES	42,598	7	42,591	-----	-----	-----	-----
2917 KEROSENE, PETROLEUM SOLVENTS	17,567	-----	17,567	-----	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMENS	60,288	-----	60,288	-----	-----	-----	-----
2920 COKE, PETROLEUM COKE	28,902	19,126	-----	9,776	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC	40	40	-----	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD	1,326	1,290	35	-----	1	-----	-----
3111 LEATHER AND LEATHER PRODUCTS	7	67	-----	-----	-----	-----	-----

ST. CLAIR RIVER, MICH.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

UPBOUND--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC			RECEIPTS AND SHIPMENTS		
		FOREIGN	CANADIAN	DOMESTIC	FOREIGN	CANADIAN	DOMESTIC
		OVERSEAS		LAKEWISE	OVERSEAS		LAKEWISE
3211 GLASS AND GLASS PRODUCTS-----	897	897					
3241 BUILDING CEMENT-----	264,004			264,004			
3251 STRUCTURAL CLAY PRODUCTS-----	4,255	4,255					
3261 CUT STONE AND STONE PRODUCTS-----	6,502	6,502					
3291 MISC NONMETALLIC MINERAL PROD-----	470	470					
3311 PIG IRON-----	67,526	6,486	58,840				
3312 SLAG-----	128,204			128,204			
3314 IRON AND STEEL PRIMARY FORMS-----	54,520	53,528	992				
3315 IRON, STEEL SHAPES, EXC SHEET-----	1,325,720	1,322,584	3,136				
3316 IRON AND STEEL PLATES, SHEETS-----	10,017	10,017					
3317 IRON AND STEEL PIPE AND TUBE-----	32,499	32,498					
3319 FERROALLOYS-----	18,080	1,114	16,966				
3319 IRON AND STEEL PRODUCTS, NEC-----	56,310	56,310					
3321 NONFERROUS METALS, NEC-----	380	380					
3322 COPPER ALLOYS, UNWORKED-----	846	846					
3323 LEAD AND ZINC, UNWORKED-----	6,236	6,236					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	16,162	8,530	7,632				
3411 FABRICATED METAL PRODUCTS-----	22,887	22,887					
3511 MACHINERY, EXCEPT ELECTRICAL-----	18,487	18,241	246				
3611 ELECTRICAL MACH AND EQUIP-----	1,818	1,817					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	3,574	3,543	31				
3721 AIRCRAFT AND PARTS-----	2	2					
3731 SHIPS AND BOATS-----	110	110					
3791 MISC TRANSPORTATION EQUIPMENT-----	270	270					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	424	424					
3911 MISC MANUFACTURED PRODUCTS-----	1,549	1,549					
4011 IRON AND STEEL SCRAP-----	16,099	9	16,090				
4012 NONFERROUS METAL SCRAP-----	2,142	2,142					
4112 COMMODITIES, NEC-----	583	581	2				

DOWNBOUND

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC			OTHER	RECEIPTS AND SHIPMENTS		
		FOREIGN	CANADIAN	LAKEWISE		FOREIGN	CANADIAN	LAKEWISE
		OVERSEAS				OVERSEAS		
TOTAL-----	50,732,137	3,877,838	7,026,019	33,511,624	4,650	1,436	3,663	6,306,903
0102 BARLEY AND RYE-----	253,723	175,765	55,490	24,468				
0103 CORN-----	735,771	305,676	430,095					
0105 RICE-----	131						131	
0107 WHEAT-----	2,554,751	1,573,004	261,444	719,898				
0111 SOYBEANS-----	72,802	48,724	28,078					
0119 OILSEEDS, NEC-----	391,837	391,837						
0129 FIELD CROPS, NEC-----	3,350	3,352						
0141 FRESH AND FROZEN VEGETABLES-----	11,456	11,855						
0161 ANIMALS AND PRODUCTS, NEC-----	22	22						
0601 FOREST PRODUCTS, NEC-----	6	6						
1011 IRON ORE AND CONCENTRATES-----	25,794,101	63,924	2,850,615	22,883,562				
1091 NONFERROUS ORES, CONCENT, NEC-----	97,325	97,325						
1121 COAL AND LIGNITE-----	6,493,301	112	28,948	726,113				5,738,128
1311 CRUDE PETROLEUM-----	10,127		10,127					
1411 Limestone-----	8,638,932		897,478	7,172,679				568,775
1442 SAND, GRAVEL, CRUSHED ROCK-----	689,441		559,920	129,861				100
1451 CLAY-----	211,671	71,902	139,760					209
1492 SULPHUR, DRY-----	1	1						
1494 GYPSUM, CRUDE AND PLASTERS-----	587,461			587,461				
1499 NONMETALLIC MINERALS, NEC-----	94,521		94,504					17
2014 TALLOW, ANIMAL FATS AND OILS-----	16,304	16,300						
2021 DAIRY PRODUCTS, NEC-----	28	28						
2022 DRIED MILK AND CREAM-----	68,275	68,275						
2034 VEGETABLES AND PREP, NEC-----	32	32						
2039 PREP FRUIT AND VEG JUICE, NEC-----	33	33						
2041 WHFAT FLOUR AND SEMOLINA-----	46,800	46,800						
2042 ANIMAL FEEDS-----	9,025	9,025						
2049 GRAIN MILL PRODUCTS, NEC-----	125,026	124,929					2	95
2061 SUGAR-----	107							107
2081 ALCOHOLIC BEVERAGES-----	12	12						
2091 VEGETABLE OILS, MARG, SHORT-----	51,039	51,039						
2099 MISCELLANEOUS FOOD PRODUCTS-----	18,821	18,821						
2211 BASIC TEXTILE PRODUCTS-----	24	24						
2311 APPAREL-----	1,401	1,401						
2421 LUMBER-----	330	330						188
2491 WOOD MANUFACTURES, NEC-----	5	5						
2511 FURNITURE AND FIXTURES-----	55	50						5
2511 PULP-----	1,004					770		234
2621 STANDARD NEWSPRINT PAPER-----	16,520		16,520					
2631 PAPER AND PAPERBOARD-----	133	34						99
2691 PULP AND PAPER PRODUCTS, NEC-----	7	7						
2711 PRINTED MATTER-----	10	10						
2812 DYES, PIGMENT, TANNING MATS-----	32	32						
2813 ALCOHOLS-----	845	845						
2817 BASIC CHEMICALS AND PROD, NEC-----	12,349	11,715						634
2821 PLASTIC MATERIALS-----	360	357					3	
2822 SYNTHETIC RUBBER-----	92							92
2823 SYNTHETIC (MAN-MADE) FIBERS-----	90	90						
2831 DRUGS-----	422	382				440		
2841 SOAP-----	2,288	2,288						
2951 PATENTS-----	1	1						

DETROIT, MI, DISTRICT

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ST. CLAIR RIVER, MICH.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

DOWNBOUND--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC				RECEIPTS AND SHIPMENTS		
		FOREIGN OVERSEAS	CANADIAN	DOMESTIC LAKEWISE	OTHER	FOREIGN OVERSEAS	CANADIAN	DOMESTIC LAKEWISE
2872 POTASSIC CHEM FERTILIZERS-----	845,198			845,198				
2876 INSECTICIDES, DISINFECTANTS-----	739			739				
2879 FERTILIZER AND MATERIALS, NEC-----	39			39				
2891 MISCELLANEOUS CHEMICAL PROD-----	62			62				
2911 GASOLINE-----	93,043			93,043				
2912 JET FUEL-----	7,166			7,166				
2914 DISTILLATE FUEL OIL-----	34,201			30,858	3,343			
2915 RESIDUAL FUEL OIL-----	175,299			172,695	2,604			
2916 LUBRICATING OILS AND GREASES-----	95					5		90
2918 ASPHALT, TAR, AND PITCHES-----	106,026			6,308	99,399			319
2920 COKE, PETROLEUM COKE-----	866,297			451,207	42,945			900
3011 RUBBER AND MISC PLASTIC PROD-----	130			1				
3211 GLASS AND GLASS PRODUCTS-----	24			4				20
3241 BUILDING CEMENT-----	1,113,217			8,156	1,105,061			
3281 CUT STONE AND STONE PRODUCTS-----	14,234				14,234			
3291 MISC NONMETALLIC MINERAL PROD-----	1,116			1,116				
3314 IRON AND STEEL PRIMARY FORMS-----	14,196			14,196				
3315 IRON, STEEL SHAPES, EXC SHEET-----	22,214			1,236	20,982			
3316 IRON AND STEEL PLATES, SHEETS-----	21,873			21,873				
3317 IRON AND STEEL PIPE AND TUBE-----	146			146				
3319 IRON AND STEEL PRODUCTS, NEC-----	1,652			1,652				
3321 NONFERROUS METALS, NEC-----	4							
3322 COPPER ALLOYS UNWORKED-----	11			11				
3411 FABRICATED METAL PRODUCTS-----	947			208	740			
3511 MACHINERY, EXCEPT ELECTRICAL-----	25,036			24,394	477			
3611 ELECTRICAL MACH AND EQUIP-----	354			358		135		30
3711 MOTOR VEHICLES, PARTS, EQUIP-----	1,115			752				263
3721 AIRCRAFT AND PARTS-----	1			1				
3731 SHIPS AND BOATS-----	4,654				4,650			
3791 MISC TRANSPORTATION EQUIPMENT-----	413			413				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	155			94				61
3911 MISC MANUFACTURED PRODUCTS-----	5			5				
4011 IRON AND STEEL SCRAP-----	367,265			342,177	20,088			
4012 NONFERROUS METAL SCRAP-----	45			45				
4022 TEXTILE WASTE, SCRAP, SWEEP-----	40			40				
4024 PAPER WASTE AND SCRAP-----	71							71
4112 COMMODITIES, NEC-----	1,104			1,093	5			11
9999 DEPARTMENT OF DEFENSE AND SCI-----	3,095			3,095				

TONS, ALL TRAFFIC, 69,918,007,
TON-MILES, ALL TRAFFIC, 2,398,317,028.

PORT HURON, MICH. (INCLUDED IN ST. CLAIR RIVER)

SECTION INCLUDED: WEST BANK OF THE ST. CLAIR RIVER FROM MOUTH OF RIVER TO GRAND TRUNK WESTERN RAILROAD BRIDGE AND BOTH BANKS OF THE BLACK RIVER UP TO WASHINGTON AVENUE IN PORT HURON, MICHIGAN. CONTROLLING DEPTHS: FROM LAKE ST. CLAIR TO STAG ISLAND, 27.1 FEET. IN THE STAG ISLAND TO PORT HURON CHANNEL AND THE FOOT OF LAKE HURON CHANNEL, 27.3 FEET AND 30 FEET RESPECTIVELY. IN THE BLACK RIVER, 17 FEET FOR A WIDTH OF 70 FEET, FROM THE MOUTH TO 1,700 FEET UPSTREAM OF THE GRAND TRUNK WESTERN RAILROAD BRIDGE, AND 15 FEET FOR A WIDTH OF 50 FEET THROUGH THE SETTLING BASIN TO WASHINGTON AVENUE. PROJECT DEPTHS: IN THE ST. CLAIR RIVER, SLOPES FROM 30 FEET AT MOUTH TO 27.5 FEET AT GRAND TRUNK WESTERN RAILROAD BRIDGE. IN THE BLACK RIVER, 20 FEET FROM THE MOUTH TO THE UPPER END OF THE SETTLING BASIN, ABOUT 2,300 FEET UPSTREAM FROM THE GRAND TRUNK WESTERN RAILROAD BRIDGE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	244,591	3,214	1981-----	628,425	
1977-----	325,890	4,600	1982-----	320,903	
1978-----	647,097		1983-----	331,463	
1979-----	894,465		1984-----	578,704	
1980-----	695,640		1985-----	324,443	

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN OVERSEAS		CANADIAN		DOMESTIC LAKEWISE RECEIPTS
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	
TOTAL-----	324,443	30	1,436	1	3,663	319,704
0105 RICE-----	131					131
0129 FIELD CROPS, NEC-----	98					98
1011 LIMESTONE-----	303,904					303,904
1442 SAND, GRAVEL, CRUSHED ROCK-----	100					100
1451 CLAY-----	209					209
1499 NONMETALLIC MINERALS, NEC-----	15,817					17
2049 GRAIN MILL PRODUCTS, NEC-----	97		2			95
2061 SUGAR-----	107					107
2421 LUMBER-----	148					148
2511 FURNITURE AND FIXTURES-----	5					5
2611 PULP-----	1,004		770			234
2631 PAPER AND PAPERBOARD-----	99					99
2819 BASIC CHEMICALS AND PROD, NEC-----	642		18			644
2821 PLASTIC MATERIALS-----	3		3			
2822 SYNTHETIC RUBBER-----	92					92

Waterborne Commerce of the United States, 1985

PORT HURON, MICH. (INCLUDED IN ST. CLAIR RIVER)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	OVERSEAS		FOREIGN		CANADIAN	DOMESTIC LAKEWISE RECEIPTS
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	EXPORTS	
2831 OILS-----	440		440				
2916 LUBRICATING OILS AND GREASES-----	95		5			90	
2918 ASPHALT, TAR, AND BITUMENS-----	319					319	
2920 COKE, PETROLEUM COKE-----	900					900	
3211 RUBBER AND MISC PLASTIC PROD-----	21	1	20				
3317 IRON AND STEEL PIPE AND TUBE-----	1						
3511 MACHINERY, EXCEPT ELECTRICAL-----	165		135			30	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	263					263	
3811 INSTR, TIME, PHOTO, OPT GOODS-----	61		61				
4024 PAPER WASTE AND SCRAP-----	71					71	
4112 COMMODITIES, NEC-----	11					11	

ST. CLAIR, MICH. (INCLUDED IN ST. CLAIR RIVER)

SECTION INCLUDED: WEST BANK OF ST. CLAIR RIVER AT ST. CLAIR, MICH., CONTROLLING DEPTH: 27.3 FEET. PROJECT DEPTH: 27.3 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	3,355,109	1981-----	3,350,691
1977-----	4,546,145	1982-----	3,258,562
1978-----	3,319,786	1983-----	4,241,500
1979-----	3,206,404	1984-----	5,379,966
1980-----	3,726,267	1985-----	6,176,971

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC LAKEWISE RECEIPTS
		IMPORTS	EXPORTS	
1121 COAL AND LIGNITE-----	6,176,971	6,966		6,170,025
1499 NONMETALLIC MINERALS, NEC-----	6,132,358			6,132,358
2914 DISTILLATE FUEL OIL-----	6,966	6,966		
2915 RESIDUAL FUEL OIL-----	26,904			26,904
	10,763			10,763

MARINE CITY, MICH. (INCLUDED IN ST. CLAIR RIVER)

SECTION INCLUDED: WEST BANK OF ST. CLAIR RIVER AT MARINE CITY, MICH., 21.5 MILES UPSTREAM TO LAKE HURON 19.2 MILES DOWNSTREAM TO LAKE ST. CLAIR, MICH., CONTROLLING DEPTH: 27 FEET. PROJECT DEPTH: AT LOW WATER DATUM: 27.3 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	187,514	251,634	1981-----	190,020	177,771
1977-----	257,936	229,794	1982-----	149,831	134,373
1978-----	324,655	193,884	1983-----	163,076	114,500
1979-----	239,299	149,620	1984-----	350,696	111,755
1980-----	281,662	215,933	1985-----	270,747	147,883

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY	LAKEWISE RECEIPTS
1411 LIMESTONE-----	270,747

DETROIT, MI, DISTRICT

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CHANNELS IN LAKE ST. CLAIR

SECTION INCLUDED: IMPROVED SHIP CHANNELS CONNECTING ST. CLAIR RIVER AND DETROIT RIVER ACROSS LAKE ST. CLAIR, ENTRANCE CHANNELS TO MOUTH OF CLINTON RIVER AND THE CANADIAN CHANNEL TO THE MOUTH OF THE THAMES RIVER. CONTROLLING DEPTHS: 27.0 FEET IN THE MAIN CHANNEL WITH 2 FEET TO 3 FEET MISC. SHOALING ALONG CHANNEL LIMITS 8 FEET IN CHANNEL TO CLINTON RIVER. PROJECT DEPTHS: 27.5 FEET IN MAIN CHANNEL AND 8 FEET IN CLINTON RIVER CHANNEL.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	92,441,331	5,822	1981	82,294,163	
1977	77,647,245	4,622	1982	50,221,716	
1978	102,197,642	962	1983	54,708,477	
1979	107,704,762		1984	67,819,040	
1980	83,914,284		1985	62,889,905	

FREIGHT TRAFFIC, 1985

UPBOUND

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC		
		FOREIGN OVERSEAS	CANADIAN	DOMESTIC LAKE/RIE
TOTAL	14,645,566	1,923,876	9,200,595	7,561,097
0105 RICE	85	85		
0119 DULSEEDS, NEC	31	31		
0129 FIELD CROPS, NEC	42	42		
0131 FRESH FRUITS	23	23		
0133 COFFEE	3	3		
0141 FRESH AND FROZEN VEGETABLES	67	67		
0161 ANIMALS AND PRODUCTS, NEC	20	17	3	
0841 CRUDE RUBBER AND ALLIED GUMS	48	48		
0861 FOREST PRODUCTS, NEC	412	412		
0911 FRESH FISH, EXCEPT SHELLFISH	15	15		
1011 IRON ORE AND CONCENTRATES	2,647,999	76,461	2,571,538	
1051 ALUMINUM DRES, CONCENTRATES	49,083	49,083		
1121 COAL AND LIGNITE	11,882,947		5,107,274	6,575,673
1411 LIMESTONE	24,339			24,339
1442 SAND, GRAVEL, CRUSHED ROCK	973	973		
1451 CLAY	1,280	1,280		
1499 NONMETALLIC MINERALS, NEC	1,393,190	246	743,219	649,725
1911 ORDNANCE AND ACCESSORIES	104	94	10	
2012 MEAT AND PRODUCTS, NEC	23	23		
2015 ANIMAL BY-PRODUCTS, NEC	148	148		
2021 DAIRY PRODUCTS, NEC	97	97		
2031 FISH AND SHELLFISH, PREPARED	49	49		
2034 VEGETABLES AND PREP, NEC	785	785		
2039 PREP FRUIT AND VEG JUICE, NEC	1,037	1,037		
2042 ANIMAL FEEDS	27	27		
2049 GRAIN MILL PRODUCTS, NEC	145	145		
2061 SUGAR	160	160		
2081 ALCOHOLIC BEVERAGES	9,039	9,015	24	
2091 VEGETABLE OILS, MARG, SHORT	219	219		
2095 ICE	213	213		
2099 MISCELLANEOUS FOOD PRODUCTS	777	777		
2111 TOBACCO MANUFACTURES	2	2		
2211 BASIC TEXTILE PRODUCTS	9,075	9,075		
2212 TEXTILE FIBERS, NEC	233	233		
2311 APPAREL	63	63		
2421 LUMBER	48	48		
2431 VEHER, PLYWOOD, WORKED WOOD	56	56		
2491 WOOD MANUFACTURES, NEC	35	35		
2511 FURNITURE AND FIXTURES	835	835		
2611 PULP	107,951	98,651	9,240	
2621 STANDARD NEWSPRINT PAPER	3,314	3,314		
2631 PAPER AND PAPERBOARD	30,204	30,144	24	
2691 PULP AND PAPER PRODUCTS, NEC	95	95		
2711 PRINTED MATTER	41	41		
2811 CRUDE TAR, OIL, GAS PRODUCTS	3,248	142	3,106	
2813 ALCOHOLS	1,225	1,225		
2817 BENZENE AND TOLENE	1,604		1,604	
2819 BASIC CHEMICALS AND PROD, NEC	34,600	15,457	21,163	
2821 PLASTIC MATERIALS	644	644		
2822 SYNTHETIC RUBBER	42	42		
2831 DRUGS	171	171		
2841 SOAP	77	77		
2851 PAINTS	1,197	1,197		
2861 GUM AND WOOD CHEMICALS	143	143		
2871 NITROGENOUS CHEM FERTILIZERS	34,530	34,530		
2891 MISCELLANEOUS CHEMICAL PROD	922	922		
2911 GASOLINE	54,700		24,552	32,164
2912 JET FUEL	41,121		16,245	64,176
2914 DISTILLATE FUEL OIL	90,989		69,528	30,461
2915 RESIDUAL FUEL OIL	54,719		11,044	42,775
2916 LUBRICATING OILS AND GREASES	42,394	7	42,391	
2918 ASPHALT, TAP, AND BITUMENS	10,049		10,049	
2920 COKE, PETROLEUM COKE	24,402	19,326		9,576
2991 PETROLEUM AND COAL PROD, NEC	40	40		
3011 RUBBER AND MISC PLASTIC PROD	1,326	1,281	35	
3111 LEATHER AND LEATHER PRODUCTS	47	47		
3211 GLASS AND GLASS PRODUCTS	407	407		
3241 BUILDING CEMENT	264,134		264,134	
3251 STRUCTURAL CLAY PRODUCTS	4,255	4,255		
3261 CUT STONE AND STONE PRODUCTS	4,502	4,502		
3291 MISC NONMETALLIC MINERAL PROD	470	470		
3311 PIG IRON	67,326	8,446	54,440	
3312 SLAG	124,204			124,204

CHANNELS IN LAKE ST. CLAIR--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

UPBOUND--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC		
		FOREIGN OVERSEAS	CANADIAN	DOMESTIC LAKEWISE
3314 IRON AND STEEL PRIMARY FORMS	50,520	53,520	992	
3315 IRON, STEEL SHAPES, EXC SHEET	1,325,720	1,322,504	3,136	
3316 IRON AND STEEL PLATES, SHEETS	10,017	10,017		
3317 IRON AND STEEL PIPE AND TUBE	32,498	32,498		
3318 FERRALLOY	14,080	1,114	16,966	
3319 IRON AND STEEL PRODUCTS, NEC	56,310	56,310		
3321 NONFERROUS METALS, NEC	385	380		
3322 COPPER ALLOYS, UNWORKED	846	846		
3323 LEAD AND ZINC, UNWORKED	6,236	6,236		
3324 ALUMINUM AND ALLOYS, UNWORKED	16,162	8,530	7,632	
3411 FABRICATED METAL PRODUCTS	22,867	22,867		
3511 MACHINERY, EXCEPT ELECTRICAL	15,447	18,241	206	
3611 ELECTRICAL MACH AND EQUIP	1,818	1,817	1	
3711 MOTOR VEHICLES, PARTS, EQUIP	3,574	3,543	31	
3721 AIRCRAFT AND PARTS	2	2		
3731 SHIPS AND BOATS	110	110		
3791 MISC TRANSPORTATION EQUIPMENT	270	270		
3811 INSTR, TIME, PHOTO, OPT EQUIP	424	424		
3911 MISC MANUFACTURED PRODUCTS	1,549	1,549		
4011 IRON AND STEEL SCRAP	16,099	9	16,090	
412 NONFERROUS METAL SCRAP	2,142	2,142		
412 COMMODITIES, NEC	583	581	2	

DOWNBOUND

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC			
		FOREIGN OVERSEAS	CANADIAN	LAKEWISE	OTHER
TOTAL	44,204,332	3,870,278	6,808,740	33,511,628	4,650
112 HARLEY AND MYS	253,723	175,765	53,490	24,468	
1123 CORN	735,771	305,678	430,098		
1127 WHEAT	2,554,751	1,573,004	261,840	719,898	
1111 SOYBEANS	72,802	46,724	24,078		
1119 OLSEEDS, NEC	391,837	391,837			
1129 FIELD CROPS, NEC	3,252	3,252			
1141 FRESH AND FROZEN VEGETABLES	11,855	11,855			
1161 ANIMALS AND PRODUCTS, NEC	22	22			
1161 FOREST PRODUCTS, NEC	6	6			
1011 IRON ORE AND CONCENTRATES	25,798,101	63,924	2,850,615	22,883,562	
1091 NONFERROUS ORES, CONCENT, NEC	97,325	97,325			
1121 COAL AND LIGNITE	755,173	112	28,948	726,113	
1311 CRUDE PETROLEUM	10,127		10,127		
1411 LIMESTONE	7,470,930		698,251	7,172,679	
1442 SAND, GRAVEL, CRUSHED ROCK	671,749		541,918	129,831	
1451 CLAY	211,662	71,932	139,740		
1492 SULPHUR, OXY	1	1			
1494 SULPHUR, CRUD AND PLASTERS	587,461			587,461	
1499 NONMETALLIC MINERALS, NEC	94,504		94,504		
2014 FALCON, ANIMAL FATS AND OILS	16,307	16,307			
2021 DAIRY PRODUCTS, NEC	28	28			
2022 BUTTER, MILK AND CREAM	66,275	66,275			
2034 VEGETABLES AND PREP, NEC	32	32			
2039 FRUIT AND VEG JUICE, NEC	33	33			
2041 WHEAT FLOUR AND SEMOLINA	66,840	66,840			
2042 ANIMAL FEEDS	9,025	9,025			
2049 GRAIN MILL PRODUCTS, NEC	124,931	124,931			
2061 ALCOHOLIC BEVERAGES	12	12			
2061 VEGETABLE OILS, MARG, SHORT	51,034	51,034			
2099 MISCELLANEOUS LIQUID PRODUCTS	18,821	18,821			
2211 BASIC TEXTILE PRODUCTS	24	24			
2311 APPAREL	1,401	1,401			
2421 LUMBER	390	390			
2491 WOOD MANUFACTURES, NEC	5	5			
2511 FURNITURE AND FIXTURES	50	50			
2611 PAPER	777	777			
2621 STANDARD NEWSPRINT PAPER	10,520		10,520		
2631 PAPER AND PAPERBOARD	34	34			
2691 PULP AND PAPER PRODUCTS, NEC	7	7			
2711 PRINTER MATTER	10	10			
2812 ORES, PIGMENT, TANNING MATS	12	12			
2813 ALCOHOL	845	845			
2819 INORGANIC CHEMICALS AND PROD, NEC	11,715	11,715			
2821 PLASTIC MATERIALS	360	360			
2825 SYNTHETIC (MAN-MADE) FIBERS	90	90			
2831 DRUGS	822	822			
2841 SOAP	2,248	2,248			
2851 PAINTS	1	1			
2872 PLASTIC CHEM FERTILIZERS	845,104		845,104		
2876 INSECTICIDES, DISINFECTANTS	739	739			
2879 FERTILIZER AND MATERIALS, NEC	39	39			
2891 MISCELLANEOUS CHEMICAL PROD	62	62			
2911 GASOLINE	93,043		93,043		
2912 KEROSENE	7,166		7,166		
2914 DISTILLATE FUEL OIL	34,201		30,858	3,343	
2915 RESIDUAL FUEL OIL	175,299		172,695	2,604	
2916 LUBRICATING OILS AND GREASES	5	5			
2918 ASPHALT, TAR, AND BITUMENS	105,767		8,388	97,379	

DETROIT, MI, DISTRICT

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CHANNELS IN LAKE ST. CLAIR--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

DOWNBOUND--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC			
		FOREIGN OVERSEAS	CANADIAN	LAKEWIRE	DOMESTIC OTHER
2920 COKE, PETROLEUM COKE-----	865,397	371,245	451,207	42,945	-----
3011 RUBBER AND MISC PLASTIC PROD-----	130	130	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	24	24	-----	-----	-----
3241 BUILDING CEMENT-----	1,113,217	-----	8,156	1,105,061	-----
3281 CUT STONE AND STONE PRODUCTS-----	14,234	-----	-----	14,234	-----
3291 MISC NONMETALLIC MINERAL PROD-----	1,116	1,116	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	14,196	14,196	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	22,214	1,236	20,982	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	21,873	21,873	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	146	146	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	1,652	-----	1,652	-----	-----
3321 NONFERROUS METALS, NEC-----	4	4	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	11	-----	11	-----	-----
3411 FABRICATED METAL PRODUCTS-----	907	208	749	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	25,006	24,529	477	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	358	358	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	752	752	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	1	1	-----	-----	-----
3731 SHIPS AND BOATS-----	4,654	4	-----	-----	4,650
3791 MISC TRANSPORTATION EQUIPMENT-----	413	413	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	155	155	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	5	5	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	362,265	362,177	20,088	-----	-----
4012 NONFERROUS METAL SCRAP-----	45	45	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SWEEP-----	40	40	-----	-----	-----
4112 COMMODITIES, NEC-----	1,094	1,093	5	-----	-----
9999 DEPARTMENT OF DEFENSE AND SCI-----	3,095	3,095	-----	-----	-----

TONS, ALL TRAFFIC, 62,884,900.
TON-MILES, ALL TRAFFIC, 1,132,014,200.

DETROIT RIVER, MICH.

SECTION INCLUDED: ENTIRE LENGTH OF DETROIT RIVER AND WOLFE RIVER TO HEAD OF PROJECT. CONTROLLING DEPTHS: 25 TO 24.5 FEET AND 21 TO 25 FEET, RESPECTIVELY WITH 6 TO 7 FEET OF SHALING ALONG THE CHANNEL LIMITS OF THE LOWER LIVINGSTONE AND EAST OUTER CHANNEL, AND WITH 2 TO 3 FEET OF SHALING ALONG THE CENTER LINE THROUGHOUT THE CHANNELS, WITH PROJECT DEPTH IN THE REGULARLY TRAVELED SHIPPING LANES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TRAFFIC OF PORTS		THROUGH TRAFFIC		TOTAL	
	TONS	PASSENGERS	TONS	PASSENGERS	TONS	PASSENGERS
1976-----	26,457,938	437,725	76,143,875	2,608	104,551,813	840,333
1977-----	25,126,331	496,072	65,470,542	22	90,576,873	696,094
1978-----	25,881,576	467,428	87,150,328	-----	113,031,906	867,628
1979-----	26,426,947	531,850	93,396,742	-----	119,823,689	831,667
1980-----	19,278,914	484,708	72,703,219	-----	92,072,133	484,708
1981-----	17,934,139	356,694	72,566,747	-----	90,400,876	356,694
1982-----	13,176,799	369,388	43,320,094	-----	56,566,193	369,388
1983-----	14,055,003	479,146	45,835,035	-----	60,760,038	479,146
1984-----	17,530,626	1,017,966	57,521,443	-----	75,052,169	1,017,966
1985-----	19,609,067	1,219,480	53,795,219	-----	89,404,286	1,219,480

FREIGHT TRAFFIC, 1984

(UPBOUND)

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC			RECEIPTS AND SHIPMENTS			
		FOREIGN OVERSEAS	CANADIAN	DOMESTIC LAKEWIRE	FOREIGN OVERSEAS	CANADIAN	LAKEWIRE	DOMESTIC OTHER
TOTAL-----	24,217,514	1,925,076	9,229,644	7,365,173	1,256,255	1,113,548	3,280,277	59,701
105 CORN-----	13,384	-----	13,384	-----	-----	-----	-----	-----
105 WHEAT-----	45	45	-----	-----	-----	-----	-----	-----
109 FLOUR-----	31	31	-----	-----	-----	-----	-----	-----
109 FLOUR, EXCEPT SPECIAL-----	42	42	-----	-----	-----	-----	-----	-----
131 FRESH FRUITS-----	25	25	-----	-----	-----	-----	-----	-----
133 COFFEE-----	3	3	-----	-----	-----	-----	-----	-----
141 FRESH AND FROZEN VEGETABLES-----	67	67	-----	-----	-----	-----	-----	-----
141 ANIMALS AND PRODUCTS, NEC-----	194	17	3	-----	310	88	-----	-----
142 MISCELLANEOUS FARM PRODUCTS-----	7	-----	-----	-----	7	-----	-----	-----
181 CHUR, HERRING AND SALTED FISH-----	285	48	-----	-----	160	77	-----	-----
181 FISH, EXCEPT SQUID, ETC-----	412	412	-----	-----	111	-----	-----	-----
191 FISH, EXCEPT SQUID, ETC-----	15	-----	-----	-----	-----	-----	-----	-----
191 FISH, EXCEPT SQUID, ETC-----	76,881	2,571,538	-----	-----	842,324	-----	-----	-----
191 FISH, EXCEPT SQUID, ETC-----	42,083	-----	-----	-----	117	-----	-----	-----
191 FISH, EXCEPT SQUID, ETC-----	11,023	-----	-----	-----	-----	-----	-----	-----
191 FISH, EXCEPT SQUID, ETC-----	11,023	-----	-----	-----	-----	-----	-----	-----
191 FISH, EXCEPT SQUID, ETC-----	14,884,114	5,318,817	6,575,673	-----	2,704,724	-----	-----	-----
191 LIXESTONE-----	150,202	-----	31,516	-----	74,347	-----	-----	-----
1402 SAND, GRAVEL, CRUSHED ROCK-----	273	273	-----	-----	-----	-----	-----	-----
1401 CLAY-----	3,514	280	-----	-----	2,259	-----	-----	-----
1499 NONMETALLIC MINERALS, NEC-----	1,771,411	246	743,214	840,512	24	517,169	60,911	-----
191 FERTILIZER AND ACCESSORIES-----	1,177	24	17	-----	579	494	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	47	23	-----	-----	24	-----	-----	-----

DETROIT RIVER, MICH.--CONTINUED

ONE-WAY TRAFFIC, 1985--CONTINUED

UPBOUND--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC			RECEIPTS AND SHIPMENTS				
		FOREIGN OVERSEAS	CANADIAN	DOMESTIC LAKEWISE	FOREIGN OVERSEAS	CANADIAN	LAKEWISE	DOMESTIC OTHER	
2015 ANIMAL BY-PRODUCTS, NEC-----	243	148	-----	-----	14	61	-----	-----	
2021 DAIRY PRODUCTS, NEC-----	147	97	-----	-----	34	16	-----	-----	
2031 FISH AND SHELLFISH, PREPARED-----	60,645	49	-----	-----	102	-----	60,494	-----	
2034 VEGETABLES AND PREP, NEC-----	927	785	-----	-----	129	13	-----	-----	
2039 PREP FRUIT AND VEG JUICE, NEC-----	5,099	1,037	-----	-----	1,609	2,453	-----	-----	
2042 ANIMAL FEEDS-----	288	27	-----	-----	243	18	-----	-----	
2049 GRAIN MILL PRODUCTS, NEC-----	436	185	-----	-----	136	515	-----	-----	
2061 SUGAR-----	160	160	-----	-----	-----	-----	-----	-----	
2081 ALCOHOLIC BEVERAGES-----	23,645	9,015	24	-----	10,967	3,639	-----	-----	
2091 VEGETABLE OILS, MARG, SHORT-----	309	239	-----	-----	62	8	-----	-----	
2095 ICE-----	305	213	-----	-----	92	-----	-----	-----	
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,993	777	-----	-----	873	343	-----	-----	
2111 TOBACCO MANUFACTURES-----	2	2	-----	-----	-----	-----	-----	-----	
2211 BASIC TEXTILE PRODUCTS-----	9,454	9,075	-----	-----	191	188	-----	-----	
2212 TEXTILE FIBERS, NEC-----	233	235	-----	-----	-----	-----	-----	-----	
2311 APPAREL-----	93	63	-----	-----	10	20	-----	-----	
2421 LUMBER-----	1,606	46	-----	-----	-----	1,558	-----	-----	
2431 VENEER, PLYWOOD, WORKED WOOD-----	461	56	-----	-----	118	287	-----	-----	
2491 WOOD MANUFACTURES, NEC-----	59	55	-----	-----	23	1	-----	-----	
2511 FURNITURE AND FIXTURES-----	3,106	835	-----	-----	2,026	245	-----	-----	
2611 PULP-----	107,931	94,651	9,280	-----	-----	-----	-----	-----	
2621 STANDARD NEWSPRINT PAPER-----	3,314	3,314	-----	-----	-----	-----	-----	-----	
2631 PAPER AND PAPERBOARD-----	38,160	30,184	24	-----	5,645	2,307	-----	-----	
2691 PULP AND PAPER PRODUCTS, NEC-----	346	95	-----	-----	171	80	-----	-----	
2711 PRINTED MATTER-----	256	81	-----	-----	83	92	-----	-----	
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	5,406	182	3,106	-----	277	2,241	-----	-----	
2813 ALCOHOLS-----	2,144	1,225	-----	-----	457	662	-----	-----	
2817 BENZENE AND TOLUENE-----	1,600	-----	1,600	-----	-----	-----	-----	-----	
2819 BASIC CHEMICALS AND PROD, NEC-----	43,659	15,437	21,163	-----	4,899	2,160	-----	-----	
2821 PLASTIC MATERIALS-----	4,836	644	-----	-----	2,617	1,575	-----	-----	
2822 SYNTHETIC RUBBER-----	49	42	-----	-----	41	6	-----	-----	
2831 DRUGS-----	432	171	-----	-----	242	419	-----	-----	
2841 SOAP-----	512	77	-----	-----	392	43	-----	-----	
2851 PAINTS-----	6,550	1,197	-----	-----	3,599	1,254	-----	-----	
2861 GUM AND WOOD CHEMICALS-----	183	183	-----	-----	-----	-----	-----	-----	
2871 NITROGENOUS CHEM FERTILIZERS-----	34,429	34,530	-----	-----	102	197	-----	-----	
2876 INSECTICIDES, DISINFECTANTS-----	493	-----	-----	-----	493	-----	-----	-----	
2879 FERTILIZER AND MATERIALS, NEC-----	250	-----	-----	-----	230	20	-----	-----	
2891 MISCELLANEOUS CHEMICAL PROD-----	5,655	922	22	-----	2,444	2,467	-----	-----	
2911 GASOLINE-----	85,660	-----	24,532	15,623	13	28,467	16,545	-----	
2912 JET FUEL-----	81,121	-----	10,324	64,176	-----	6,621	-----	-----	
2914 DISTILLATE FUEL OIL-----	117,188	-----	61,450	-----	-----	25,277	30,461	-----	
2915 RESIDUAL FUEL OIL-----	233,041	-----	11,944	14,572	-----	8,478	109,386	59,701	
2916 LUBRICATING OILS AND GREASES-----	42,536	7	30,136	-----	136	12,257	-----	-----	
2918 ASPHALT, TAR, AND BITUMENS-----	10,047	-----	10,040	-----	-----	-----	-----	-----	
2920 COKE, PETROLEUM COKE-----	24,902	19,326	-----	-----	-----	-----	9,576	-----	
2991 PETROLEUM AND COAL PROD, NEC-----	74	40	-----	-----	34	-----	-----	-----	
3011 RUBBER AND MISC PLASTIC PROD-----	4,100	1,291	35	-----	2,549	225	-----	-----	
3111 LEATHER AND LEATHER PRODUCTS-----	1,413	87	-----	-----	150	1,176	-----	-----	
3211 GLASS AND GLASS PRODUCTS-----	2,173	897	-----	-----	650	626	-----	-----	
3241 BUILDING CEMENT-----	264,004	-----	264,004	-----	-----	-----	-----	-----	
3251 STRUCTURAL CLAY PRODUCTS-----	12,046	4,255	-----	-----	3,685	4,100	-----	-----	
3261 CUT STONE AND STONE PRODUCTS-----	8,645	6,562	-----	-----	1,826	317	-----	-----	
3291 MISC NONMETALLIC MINERAL PROD-----	1,066	470	-----	-----	335	261	-----	-----	
3311 PIG IRON-----	67,324	8,486	58,640	-----	-----	-----	-----	-----	
3312 SLAG-----	145,004	-----	-----	26,278	-----	-----	158,726	-----	
3314 IRON AND STEEL PRIMARY FORMS-----	264,931	53,528	-----	-----	299,637	5,774	-----	-----	
3315 IRON, STEEL SHAPES, EXC SHEET-----	2,275,314	1,322,584	3,136	-----	925,104	24,444	-----	-----	
3316 IRON AND STEEL PLATES, SHEETS-----	11,698	10,017	-----	-----	1,681	-----	-----	-----	
3317 IRON AND STEEL PIPE AND TUBE-----	19,234	12,498	-----	-----	5,606	1,130	-----	-----	
3318 FERRIALLOYS-----	14,764	1,114	16,906	-----	15,441	847	-----	-----	
3319 IRON AND STEEL PRODUCTS, NEC-----	41,942	56,510	-----	-----	2,362	3,270	-----	-----	
3321 NONFERROUS METALS, NEC-----	1,669	380	-----	-----	476	344	-----	-----	
3322 COPPER ALLOYS, UNWORKED-----	4,540	846	-----	-----	3,027	707	-----	-----	
3323 LEAD AND ZINC, UNWORKED-----	4,146	6,236	-----	-----	1,047	503	-----	-----	
3324 ALUMINUM AND ALLOYS, UNWORKED-----	22,720	6,530	7,632	-----	4,081	477	-----	-----	
3411 FABRICATED METAL PRODUCTS-----	54,217	22,867	-----	-----	4,242	6,614	20,450	-----	
3511 MACHINERY, EXCEPT ELECTRICAL-----	40,364	18,241	206	-----	12,173	9,744	-----	-----	
3611 ELECTRICAL MACH AND EQUIP-----	3,554	1,617	1	-----	1,046	644	-----	-----	
3711 MOTOR VEHICLES, PARTS, EQUIP-----	14,176	3,543	31	-----	2,783	11,619	-----	-----	
3721 AIRCRAFT AND PARTS-----	4	2	-----	-----	-----	2	-----	-----	
3731 SHIPS AND BOATS-----	246	110	-----	-----	110	26	-----	-----	
3791 MISC TRANSPORTATION EQUIPMENT-----	27	270	-----	-----	-----	-----	-----	-----	
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,063	426	-----	-----	120	514	-----	-----	
3911 MISC MANUFACTURED PRODUCTS-----	2,045	1,544	-----	-----	419	117	-----	-----	
4011 IRON AND STEEL SCRAP-----	17,011	9	16,090	-----	541	371	-----	-----	
4012 NONFERROUS METAL SCRAP-----	2,266	2,142	-----	-----	124	-----	-----	-----	
4112 COMMODITIES, NEC-----	1,381	581	2	-----	682	615	-----	-----	

DOWNBOUND

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC			RECEIPTS AND SHIPMENTS			
		FOREIGN OVERSEAS	CANADIAN	DOMESTIC LAKEWISE OTHER	FOREIGN OVERSEAS	CANADIAN	LAKEWISE	DOMESTIC OTHER
TOTAL-----	45,186,772	5,479,274	6,719,154	24,670,408	4,650	590,380	165,820	4,137,114
1102 HARLEY AND WHE-----	253,723	175,745	53,490	24,468	-----	-----	-----	-----
1103 COPR-----	739,249	105,676	430,095	-----	3,013	505	-----	-----

DETROIT, MI, DISTRICT

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DETROIT RIVER, MICH.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

DOWNBOUND--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC				RECEIPTS AND SHIPMENTS			
		FOREIGN	DOMESTIC			FOREIGN	DOMESTIC		
		OVERSEAS	CANADIAN	LAKELAND	OTHER	OVERSEAS	CANADIAN	LAKELAND	OTHER
0107 WHEAT-----	2,554,751	1,573,004	261,849	710,898					
0111 SOYBEANS-----	73,009	48,724	24,078			207			
0119 OILSEEDS, NEC-----	391,837	391,837							
0129 FIELD CROPS, NEC-----	3,252	3,252							
0131 FRESH FRUITS-----	1					1			
0141 FRESH AND FROZEN VEGETABLES-----	21,427	11,855				6,517	3,055		
0181 ANIMALS AND PRODUCTS, NEC-----	62	22				40			
0861 FOREST PRODUCTS, NEC-----	6								
1011 IRON ORE AND CONCENTRATES-----	25,708,101	63,924	2,830,815	17,521,193				5,362,369	
1091 NONFERROUS ORES, CONCENT, NEC-----	97,325	97,325							
1121 COAL AND LIGNITE-----	755,173	112	28,941	726,113					
1311 CRUDE PETROLEUM-----	10,127		10,127						
1411 LIMESTONE-----	7,875,978		698,251	4,601,053			5,048	2,571,626	
1442 SAND, GRAVEL, CRUSHED ROCK-----	671,793		541,908	129,881					
1451 CLAY-----	212,046	71,902	139,760			305	79		
1492 SULPHUR, DRY-----	1	1							
1494 GYPSUM, CRUDE AND PLASTERS-----	587,658		284,814			175	22	302,647	
1499 NONMETALLIC MINERALS, NEC-----	94,555		72,574			39	21,942		
2011 MEAT, FRESH, CHILLED, FROZEN-----	15					15			
2014 TALLOW, ANIMAL FATS AND OILS-----	27,577	16,300				11,277			
2015 ANIMAL BY-PRODUCTS, NEC-----	3,246					2,669	577		
2021 DAIRY PRODUCTS, NEC-----	28								
2022 SKIM MILK AND CREAM-----	66,283	66,275				8			
2034 VEGETABLES AND PREP, NEC-----	32	32							
2039 PREP FRUIT AND VEG JUICE, NEC-----	33	33							
2041 MEAT FLOUR AND SEMOLINA-----	46,840	46,840							
2042 ANIMAL FEEDS-----	9,061	9,025				36			
2049 GRAIN MILL PRODUCTS, NEC-----	125,353	124,931				422			
2061 ALCOHOLIC BEVERAGES-----	29	12					17		
2091 VEGETABLE OILS, MARG, SHORT-----	51,067	51,038					29		
2099 MISCELLANEOUS FOOD PRODUCTS-----	18,925	18,821				94	10		
2211 BASIC TEXTILE PRODUCTS-----	146	24				104	18		
2311 APPAREL-----	1,401	1,401							
2411 LOGS-----	701					462	239		
2413 FUEL WOOD, CHARCOAL, WASTES-----	97					97			
2421 LUMBER-----	390	390							
2431 VENEER, PLYWOOD, CRACKED WOOD-----	1,588					1,537	31		
2491 WOOD MANUFACTURES, NEC-----	18	5					13		
2511 FURNITURE AND FIXTURES-----	68	50				14	2		
2611 PULP-----	770	770							
2621 STANDARD NEWSPRINT PAPER-----	16,520		16,520						
2631 PAPER AND PAPERBOARD-----	148	34				93	21		
2691 PULP AND PAPER PRODUCTS, NEC-----	298	7				246	45		
2711 PRINTED MATTER-----	121	10				111			
2812 DYES, PIGMENT, TANNING MATS-----	86	32				54			
2813 ALCOHOLS-----	845	845							
2817 BENZENE AND TOLUENE-----	8					8			
2819 BASIC CHEMICALS AND PROD, NEC-----	12,625	11,715				788	122		
2821 PLASTIC MATERIALS-----	1,122	361				733	29		
2822 SYNTHETIC RUBBER-----	49					48	1		
2823 SYNTHETIC (MAN-MADE) FIBERS-----	90	90							
2831 DRUGS-----	1,213	822				391			
2831 SOAP-----	7,175	2,286				4,853	34		
2851 PAINTS-----	24	1				10	10		
2872 POTASSIUM CHEM FERTILIZERS-----	845,198		845,198						
2876 INSECTICIDES, DISINFECTANTS-----	1,021	739				254	28		
2879 FERTILIZER AND MATERIALS, NEC-----	39	39							
2891 MISCELLANEOUS CHEMICAL PROD-----	1,323	62				1,200	61		
2911 GASOLINE-----	122,484		85,678				13,802	23,004	
2912 JET FUEL-----	7,166		7,166						
2913 KEROSENE-----	3,196							3,196	
2914 DISTILLATE FUEL OIL-----	77,737		25,010	3,343			5,848	38,056	5,480
2915 RESIDUAL FUEL OIL-----	195,603		137,416	2,604			42,119	5,976	7,488
2916 LUBRICATING OILS AND GREASES-----	279	5				256	18		
2917 NAPHTHA, PETROLEUM SOLVENTS-----	50					50			
2918 ASPHALT, TAR, AND BITUMENS-----	320,411		6,308	18,013			6,398	289,692	
2920 COKE, PETROLEUM COKE-----	886,487	371,245	406,047			4,590	17,660	42,945	
2991 PETROLEUM AND COAL PROD, NEC-----	51						51		
3011 RUBBER AND MISC PLASTIC PROD-----	593	130				325	138		
3211 GLASS AND GLASS PRODUCTS-----	262	24				149	29		
3241 BUILDING CEMENT-----	1,113,237		8,156	628,814		20		476,247	
3251 STRUCTURAL CLAY PRODUCTS-----	2					2			
3291 CUT STONE AND STONE PRODUCTS-----	14,264			14,234		30			
3291 MISC NONMETALLIC MINERAL PROD-----	1,153	1,116				37			
3312 SLAG-----	21,360							21,360	
3314 IRON AND STEEL PRIMARY FORMS-----	14,412	14,196					216		
3315 IRON, STEEL SHAPES, EXC SHEET-----	22,231	1,236	6,330				14,665		
3316 IRON AND STEEL PLATES, SHEETS-----	24,470	21,871				2,597			
3317 IRON AND STEEL PIPE AND TUBE-----	146	146							
3318 FERROALLOYS-----	80					80			
3319 IRON AND STEEL PRODUCTS, NEC-----	1,743		1,652			54	37		
3321 NONFERROUS METALS, NEC-----	46	4				42			
3322 COPPER ALLOYS, UNWORKED-----	32						11		
3323 LEAD AND ZINC, UNWORKED-----	43								
3324 ALUMINUM AND ALLOYS, UNWORKED-----	56								
3411 FABRICATED METAL PRODUCTS-----	1,930	208	403			678	661		
3511 MACHINERY, EXCEPT ELECTRICAL-----	26,455	24,529	479			770	677		
3611 ELECTRICAL MACH AND EQUIP-----	692	358				214	120		
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2,933	752				1,812	369		
3721 AIRCRAFT AND PARTS-----	1	1							
3731 SHIPS AND BOATS-----	4,654	4			4,650				
3791 MISC TRANSPORTATION EQUIPMENT-----	422	413				9			
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,062	155				881	26		

Waterborne Commerce of the United States, 1985

DETROIT RIVER, MICH.--CONTINUED
FREIGHT TRAFFIC, 1985--CONTINUED

DOWNBOUND--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	THROUGH TRAFFIC				RECEIPTS AND SHIPMENTS			
		FOREIGN	DOMESTIC			FOREIGN	DOMESTIC		
		OVERSEAS	CANADIAN	LAKEWISE	OTHER	OVERSEAS	CANADIAN	LAKEWISE	OTHER
3911 MISC MANUFACTURED PRODUCTS-----	118	5				113			
4011 IRON AND STEEL SCRAP-----	932,604	342,177	20,088			539,698	30,641		
4012 NONFERROUS METAL SCRAP-----	1,092	45				813	234		
4022 TEXTILE WASTE, SCRAP, SHEEP-----	40	40							
4112 COMMODITIES, NEC-----	2,455	1,093	5			1,251	106		
9999 DEPARTMENT OF DEFENSE AND SCI-----	3,095	3,095							
TONS, ALL TRAFFIC, 69,404,286.									
TON-MILES, ALL TRAFFIC, 1,856,712,873.									

DETROIT HARBOR, MICH. (INCLUDED IN PORT OF DETROIT)

SECTION INCLUDED: U.S. BANK OF DETROIT RIVER FROM LAKE ST. CLAIR TO WESTERN EXTREME OF ZUG ISLAND, CONTROLLING DEPTH: CHANNEL NORTH OF BELLE ISLE 21 FEET, REMAINDER OF RIVER 25-28.5 FEET. PROJECT DEPTH: 28.5 FEET EXCEPT CHANNEL NORTH OF BELLE ISLE, 21 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	10,371,555	837,725	1981-----	5,143,155	356,694
1977-----	7,856,870	896,070	1982-----	4,322,608	369,388
1978-----	4,005,919	466,866	1983-----	5,015,656	879,146
1979-----	4,318,331	631,860	1984-----	5,530,227	1,468,992
1980-----	5,594,627	484,708	1985-----	5,040,518	1,047,594

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC		LOCAL
		OVERSEAS		CANADIAN		LAKEWISE		
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	5,040,518	571,207	57,529	612,036	61,565	3,707,468	7,542	23,151
1103 CORN-----	3,474		2,973			505		
1111 SOYBEANS-----	207		207					
1141 FRESH AND FROZEN VEGETABLES-----	9,412		6,357		3,055			
1161 ANIMALS AND PRODUCTS, NEC-----	408	300	40	68				
1191 MISCELLANEOUS FARM PRODUCTS-----	7	7						
1841 CRUDE RUBBER AND ALLIED GUMS-----	237	160		77				
1861 FOREST PRODUCTS, NEC-----	71	71						
1011 IRON ORE AND CONCENTRATES-----	2,355,159			333,643		2,021,516		
1051 ALUMINUM ORES, CONCENTRATES-----	117	117						
1121 COAL AND LIGNITE-----	788,216					788,216		
1411 LIMESTONE-----	412,432				5,048	406,946		
1442 SAND, GRAVEL, CRUSHED ROCK-----	24		24					
1451 CLAY-----	384		305		79			
1499 GYPSUM, CRUDE AND PLASTER-----	159		137		22			
1699 NONMETALLIC MINERALS, NEC-----	137,205	21	39	137,133	12			
1911 JUNKWARE AND ACCESSORIES-----	1,071	579		892				
2011 MEAT, FRESH, CHILLED, FROZEN-----	15		15					
2012 MEAT AND PRODUCTS, NEC-----	24	24						
2014 TALLOW, ANIMAL FATS AND OILS-----	11,277		11,277					
2015 ANIMAL BY-PRODUCTS, NEC-----	3,341	14	2,669	81	577			
2021 DAIRY PRODUCTS, NEC-----	50	34		16				
2022 DRIED MILK AND CREAM-----	8		8					
2031 FISH AND SHELLFISH, PREPARED-----	102	102						
2034 VEGETABLES AND PREP, NEC-----	62	49		13				
2039 PREP FRUIT AND VEG JUICE, NEC-----	3,437	948		2,453				
2042 ANIMAL FEEDS-----	297	243	36	18				
2112 GRAIN MILL PRODUCTS, NEC-----	1,073	136	422	515				
2111 ALCOHOLIC BEVERAGES-----	7,651	4,337		3,497	17			
2112 VEGETABLE OILS, MARG, SHORT-----	99	62		8	29			
2199 MISCELLANEOUS FOOD PRODUCTS-----	72							
2299 MISCELLANEOUS FOOD PRODUCTS-----	1,277	830	94	343	10			
2311 BASIC TEXTILE PRODUCTS-----	497	187	104	148	14			
2311 APPAREL-----	30	10		20				
2411 LOGS-----	701		402		239			
2415 FUEL WOOD, CHARCOAL, WASTES-----	97		97					
2421 LUMBER-----	1,558			1,558				
2431 VENEER, PLYWOOD, WORKED WOOD-----	1,928	74	1,516	287	31			
2441 WOOD MANUFACTURES, NEC-----	37	23		1	13			
2511 FURNITURE AND FIXTURES-----	2,207	1,969	14	222	2			
2611 PAPER AND PAPERMAKING-----	8,066	5,645	93	2,307	21			
2691 PULP AND PAPER PRODUCTS, NEC-----	519	149	245	80	45			
2711 PRINTED MATTER-----	245	82	111	92				
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	2,418	277		2,241				
2812 DYES, PIGMENT, TANNING MATS-----	54		54					
2813 ALCOHOLS-----	765	457		308				
2817 BENZENE AND TOLUENE-----	4			8				
2819 BASIC CHEMICALS AND PROD, NEC-----	7,667	4,630	749	2,146	122			
2821 PLASTIC MATERIALS-----	4,231	1,907	733	1,575	16			
2822 SYNTHETIC RUBBER-----	96	41	48	6	1			
2831 DRUGS-----	1,052	242	391	419				
2841 SOAP-----	5,322	392	4,853	43	34			
2851 PAINTS-----	4,700	3,426	10	1,254	10			

DETROIT, MI, DISTRICT

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DETROIT HARBOR, MICH. (INCLUDED IN PORT OF DETROIT)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC		LOCAL
		OVERSEAS		CANADIAN		LAKEWYSE		
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
2871 NITROGENOUS CHEM FERTILIZERS-----	299	102		197				
2876 INSECTICIDES, DISINFECTANTS-----	761	493	254		14			
2879 FERTILIZER AND MATERIALS, NEC-----	250	230		20				
2891 MISCELLANEOUS CHEMICAL PROD-----	5,877	2,214	1,199	2,403	61			
2911 GASOLINE-----	7,752	13		7,739				
2914 DISTILLATE FUEL OIL-----	10,098			10,098				
2915 RESIDUAL FUEL OIL-----	61,956			24,280		14,525		23,151
2916 LUBRICATING OILS AND GREASES-----	6,184	118	81	2	6,003			
2917 ASPHALT, PETROLEUM SOLVENTS-----	50		50					
2918 ASPHALT, TAR, AND BITUMENS-----	7,657				115			7,542
2920 COKE, PETROLEUM COKE-----	26,250		8,590	5,160	12,500			
2991 PETROLEUM AND COAL PROD, NEC-----	83	32			51			
3011 RUBBER AND MISC PLASTIC PROD-----	1,979	1,295	325	225	134			
3111 LEATHER AND LEATHER PRODUCTS-----	1,304	128		1,176				
3211 GLASS AND GLASS PRODUCTS-----	1,345	555	138	626	26			
3241 BUILDING CEMENT-----	476,267		20			476,247		
3251 STRUCTURAL CLAY PRODUCTS-----	7,663	3,561	2	4,100				
3261 CUT STONE AND STONE PRODUCTS-----	1,907	1,560	30	317				
3291 MISC NONMETALLIC MINERAL PROD-----	602	304	37	261				
3314 IRON AND STEEL PRIMARY FORMS-----	56,336	50,346		5,774	216			
3315 IRON, STEEL SHAPES, EXC SHEET-----	475,644	454,306		21,325	13			
3317 IRON AND STEEL PIPE AND TUBE-----	4,451	3,321		1,130				
3318 FERROALLOYS-----	1,617	90	80	847				
3319 IRON AND STEEL PRODUCTS, NEC-----	5,528	2,249	52	3,190	37			
3321 NONFERROUS METALS, NEC-----	1,039	693	42	304				
3322 COPPER ALLOYS, UNWORKED-----	2,502	2,082	21	699				
3323 LEAD AND ZINC, UNWORKED-----	1,454	908	43	503				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	4,565	4,063		456	46			
3411 FABRICATED METAL PRODUCTS-----	10,465	3,519	677	6,495	274			
3511 MACHINERY, EXCEPT ELECTRICAL-----	17,794	6,754	693	9,671	676			
3611 ELECTRICAL MACH AND EQUIP-----	2,028	1,002	214	692	120			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	15,667	2,562	1,145	11,592	368			
3721 AIRCRAFT AND PARTS-----	2			2				
3731 SHIPS AND BOATS-----	96	70		26				
3791 MISC TRANSPORTATION EQUIPMENT-----	9		9					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,545	119	881	519	26			
3911 MISC MANUFACTURED PRODUCTS-----	622	392	113	117				
4011 IRON AND STEEL SCRAP-----	37,717		6,705	371	30,641			
4012 NONFERROUS METAL SCRAP-----	1,169	124	613		232			
4112 COMMODITIES, NEC-----	2,294	329	1,244	615	106			

ROUGE RIVER, MICH. (INCLUDED IN PORT OF DETROIT)

SECTION INCLUDED: FROM THE MOUTH OF THE SHORT CUT CANAL TO THE FORD MOTOR COMPANY. CONTROLLING DEPTH: 20 FEET FOR A MINIMUM WIDTH OF 100 FEET FROM THE MOUTH OF THE SHORT CUT TO DIX AVENUE BRIDGE, WITH THE EXCEPTION OF SOME SHOAL AREAS, AND 20 FEET IN THE TURNING BASIN, EXCEPT NEAR THE SHORE. PROJECT DEPTH: 21.0 AND 25 FEET FROM MOUTH OF SHORT CUT CANAL TO A POINT 200 FEET DOWNSTREAM OF THE JEFFERSON AVENUE BRIDGE; THENCE 21 FEET TO AND INCLUDING THE TURNING BASIN IN MAIN CHANNEL.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	11,061,877	1981-----	9,633,840
1977-----	12,055,827	1982-----	7,468,839
1978-----	11,099,251	1983-----	8,032,520
1979-----	12,092,058	1984-----	9,127,312
1980-----	10,277,336	1985-----	6,728,715

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC		LOCAL
		OVERSEAS		CANADIAN		LAKEWYSE		
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	8,728,715	407,662	478,731	528,454	27,300	6,834,670	341,160	70,734
0103 CORN-----	40		40					
0141 FRESH AND FROZEN VEGETABLES-----	160		160					
0161 ANIMALS AND PRODUCTS, NEC-----	10	10						
1011 IRON ORE AND CONCENTRATES-----	2,494,408			208,686		2,276,222		
1061 MANGANESE ORES, CONCENTRATES-----	11,023	11,023						
1121 COAL AND LIGNITE-----	1,842,757					1,842,757		
1411 LIMESTONE-----	2,136,581			74,347		2,062,234		
1494 GYPSUM, CRUDE AND PLASTERS-----	302,685		38			302,647		
1499 NONMETALLIC MINERALS, NEC-----	271,490		3	201,946		69,544	9,213	
1911 ORNAMENTAL AND ACCESSORIES-----	2		2					
2031 FISH AND SHELLFISH, PREPARED-----	80,494					80,494		
2034 VEGETABLES AND PREP, NEC-----	80	80						
2039 PREP FRUIT AND VEG JUICE, NEC-----	625	625						
2081 ALCOHOLIC BEVERAGES-----	6,073	5,908		165				
2095 ICE-----	20	20						
2099 MISCELLANEOUS FOOD PRODUCTS-----	43	43						
2211 BASIC TEXTILE PRODUCTS-----	4	4						
2431 VENEER, PLYWOOD, WORKED WOOD-----	45	24	21					
2511 FURNITURE AND FIXTURES-----	86	57		23				
2691 PULP AND PAPER PRODUCTS, NEC-----	23	22	1					

Waterborne Commerce of the United States, 1985

HONGE RIVER, MICH. (INCLUDED IN PORT OF DETROIT)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC		LOCAL
		OVERSEAS		CANADIAN		LAKEWISE		
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
2711 PRINTED MATTER-----	1	1						
2813 ALCOHOLS-----	154				154			
2819 BASIC CHEMICALS AND PHOD, NEC-----	302	269	19					
2821 PLASTIC MATERIALS-----	681	668			13			
2851 PAINTS-----	32	32						
2876 INSECTICIDES, DISINFECTANTS-----	14				14			
2891 MISCELLANEOUS CHEMICAL PROD-----	287	222	1	64				
2911 GASOLINE-----	37,753			21,208			16,545	
2912 JET FUEL-----	6,621				6,621			5,480
2914 DISTILLATE FUEL OIL-----	51,120			7,101	8,078		30,461	
2915 RESIDUAL FUEL OIL-----	125,343			8,470		28,037	23,578	65,258
2916 LUBRICATING OILS AND GREASES-----	6,503	18	215		6,270			
2918 ASPHALT, TAR, AND BITUMENS-----	288,433				6,283	81,386	200,764	
2920 COKE, PETROLEUM-----	52,521				6,283	42,945	9,576	
2991 PETROLEUM AND COAL PROD, NEC-----	2	2						
3011 RUBBER AND MISC PLASTIC PROD-----	1,097	1,093						
3111 LEATHER AND LEATHER PRODUCTS-----	22	22						
3211 GLASS AND GLASS PRODUCTS-----	92	78	11		3			
3251 STRUCTURAL CLAY PRODUCTS-----	46	46						
3291 CUT STONE AND STONE PRODUCTS-----	266	266						
3291 MISC NONMETALLIC MINERAL PROD-----	30	30						
3312 SLAG-----	147,823					56,800	91,023	
3314 IRON AND STEEL PRIMARY FORMS-----	87,863	87,863						
3315 IRON, STEEL SHAPES, ETC SHEET-----	281,534	275,790		5,744				
3316 IRON AND STEEL PLATES, SHEETS-----	1,681	1,681						
3317 IRON AND STEEL PIPE AND TUBE-----	616	616						
3318 FERROALLOYS-----	14,993	14,993						
3319 IRON AND STEEL PRODUCTS, NEC-----	137	55	2	80				
3321 NONFERROUS METALS, NEC-----	149	149						
3322 COPPER ALLOYS, UNWORKED-----	94	94						
3324 ALUMINUM AND ALLOYS, UNWORKED-----	2,049	2,018		19				
3411 FABRICATED METAL PRODUCTS-----	21,266	701	1	114	10	20,450		
3511 MACHINERY, EXCEPT ELECTRICAL-----	1,903	1,815	17	70	1			
3611 ELECTRICAL MACH AND EQUIP-----	38	36		2				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	1,052	180	667	204	1			
3731 SHIPS AND BOATS-----	40	40						
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1	1						
3911 MISC MANUFACTURED PRODUCTS-----	20	20						
4011 IRON AND STEEL SCRAP-----	477,610	79	477,531					
4012 NONFERROUS METAL SCRAP-----	2				2			
4112 COMMODITIES, NEC-----	41	74	7					

ECORSE, MICH. (INCLUDED IN PORT OF DETROIT)

SECTION INCLUDED: U.S. SHORE OF DETROIT RIVER FROM GREAT LAKES AVE. TO ECORSE RIVER. CONTROLLING DEPTH: 20 FEET. PROJECT DEPTH: NONE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	635,556	1981-----	142,580
1977-----	902,054	1982-----	152,788
1978-----	726,162	1983-----	390,885
1979-----	316,877	1984-----	553,793
1980-----	369,818	1985-----	440,161

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		CANADIAN	DOMESTIC		LOCAL
		OVERSEAS			LAKEWISE		
		IMPORTS	EXPORTS	IMPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	440,161	277,346	58,120	15,504	37,621	10,601	40,929
1131 FRESH FRUITS-----	1	-----	1	-----	-----	-----	-----
1261 FOREST PRODUCTS, NEC-----	40	40	-----	-----	-----	-----	-----
1451 CLAY-----	2,259	2,259	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	699	682	-----	17	-----	-----	-----
2821 PLASTIC MATERIALS-----	42	42	-----	-----	-----	-----	-----
2851 PAINTS-----	141	141	-----	-----	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	8	8	-----	-----	-----	-----	-----
2915 RESIDUAL FUEL OIL-----	92,139	-----	-----	2,988	37,621	10,601	40,929
3011 RUBBER AND MISC PLASTIC PROD-----	161	161	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	17	17	-----	-----	-----	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	78	78	-----	-----	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	1	1	-----	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	71,428	71,428	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	211,085	195,008	-----	12,077	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	2,597	-----	2,597	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	1,669	1,669	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	758	758	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	58	58	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	34	34	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	539	539	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	458	62	-----	396	-----	-----	-----

DETROIT, MI, DISTRICT

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ECORSE, MICH. (INCLUDED IN PORT OF DETROIT)--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		CANADIAN		DOMESTIC		LOCAL
		OVERSEAS		LAKEWISE		RECEIPTS	SHIPMENTS	
		IMPORTS	EXPORTS	IMPORTS	EXPORTS			
3511 MACHINERY, EXCEPT ELECTRICAL-----	3,667	3,604	60	3				
3611 ELECTRICAL MACH AND EQUIP-----	8	8						
3711 MOTOR VEHICLES, PARTS, EQUIP-----	64	41		23				
3911 MISC MANUFACTURED PRODUCTS-----	7	7						
4011 IRON AND STEEL SCRAP-----	55,924	462	55,462					
4122 COMMODITIES, NEC-----	279	279						

TRENTON, MICH. (INCLUDED IN PORT OF DETROIT)

SECTION INCLUDED: U.S. SHORE OF DETROIT RIVER FROM FOOT OF BIBLEY ROAD TO FOOT OF PARKWAY DRIVE. CONTROLLING AND PROJECT DEPTHS: 28 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	3,059,758	1981-----	2,569,700
1977-----	3,131,059	1982-----	1,105,440
1978-----	3,704,651	1983-----	1,395,546
1979-----	3,615,549	1984-----	2,083,602
1980-----	2,652,790	1985-----	1,298,067

* PASSENGERS--171,886.

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	DOMESTIC	
		CANADIAN	LAKEWISE	LAKEWISE
		IMPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	1,298,067	34,509	1,167,039	96,519
1011 IRON ORE AND CONCENTRATES-----	1,064,631		1,064,631	
1411 LIMESTONE-----	102,408		102,408	
2911 GASOLINE-----	36,606	13,802		23,004
2913 KEROSENE-----	8,196			8,196
2914 DISTILLATE FUEL OIL-----	43,904	5,648		38,056
2915 RESIDUAL FUEL OIL-----	14,859	14,859		
3312 SLAG-----	32,263			32,263

FOOT OF DETROIT, MICH.

SECTION INCLUDED: DETROIT HARBOR, WEDGE RIVER, ECORSE, WYANDOTTE, RIVERVIEW AND TRENTON. CONTROLLING AND PROJECT DEPTHS: SEE ABOVE-MENTIONED PROJECTS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	24,407,434	837,725	1981-----	17,819,139	356,694
1977-----	25,092,447	896,072	1982-----	13,176,099	369,388
1978-----	25,681,504	900,604	1983-----	14,955,003	879,146
1979-----	24,995,947	931,860	1984-----	17,530,626	1,017,966
1980-----	19,268,443	464,708	1985-----	15,612,344	1,219,480

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		CANADIAN		DOMESTIC		LOCAL
		OVERSEAS		LAKEWISE		LAKEWISE		
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	15,612,344	1,256,255	590,366	1,190,503	44,865	11,913,850	495,822	72,669
0103 CORN-----	3,518		3,013		505			
1111 SOYBEANS-----	207		207					
1131 FRESH FRUITS-----	1		1					
1141 FRESH AND FROZEN VEGETABLES-----	9,572		6,517		3,055			
1161 ANIMALS AND PRODUCTS, NEC-----	414	310		68				
1191 MISCELLANEOUS FARM PRODUCTS-----	7	7						
1411 CRUDE RUBBER AND ALLIED GUMS-----	237	180		77				
1461 FOREST PRODUCTS, NEC-----	111	111						
1011 IRON ORE AND CONCENTRATES-----	5,907,975			542,324		5,365,651		
1051 ALUMINUM ORES, CONCENTRATES-----	117	117						
1081 ANTHRACITE ORES, CONCENTRATES-----	11,023	11,023						
1121 COAL AND LIGNITE-----	2,794,724					2,744,724		
1411 LIMESTONE-----	2,651,021			74,347	5,048	2,571,626		
1442 SAND, GRAVEL, CRUSHED ROCK-----	241		24					
1451 CLAY-----	2,645	2,259	305		79			

PORT OF DETROIT, MICH.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC	
		OVERSEAS		CANADIAN		LAKEWISSE	
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
1494 GYPSUM, CRUDE AND PLASTERS-----	302,844	-----	175	-----	22	302,648	-----
1499 NONMETALLIC MINERALS, NEC-----	409,085	24	39	339,099	12	60,698	9,213
1911 ORDNANCE AND ACCESSORIES-----	1,073	579	-----	494	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN-----	15	-----	15	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC-----	24	28	-----	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS-----	11,277	-----	11,277	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC-----	3,341	14	2,669	81	577	-----	-----
2021 DAIRY PRODUCTS, NEC-----	50	30	-----	16	-----	-----	-----
2022 DRIED MILK AND CREAM-----	8	-----	8	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED-----	60,596	102	-----	-----	-----	60,494	-----
2034 VEGETABLES AND PREP, NEC-----	142	129	-----	13	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC-----	4,062	1,609	-----	2,453	-----	-----	-----
2042 ANIMAL FEEDS-----	297	243	36	18	-----	-----	-----
2049 GRAIN, MILL PRODUCTS, NEC-----	1,073	136	422	515	-----	-----	-----
2081 ALCOHOLIC BEVERAGES-----	14,623	10,467	-----	3,639	17	-----	-----
2091 VEGETABLE OILS, MARG, SHORT-----	98	62	-----	-----	29	-----	-----
2095 ICE-----	92	92	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,320	873	94	343	10	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	501	191	104	186	18	-----	-----
2311 APPAREL-----	30	10	-----	20	-----	-----	-----
2411 LOGS-----	701	-----	462	-----	239	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES-----	97	-----	97	-----	-----	-----	-----
2421 LUMBER-----	1,558	-----	-----	1,558	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD-----	1,973	118	1,537	287	31	-----	-----
2491 WOOD MANUFACTURES, NEC-----	37	23	-----	1	13	-----	-----
2511 FURNITURE AND FIXTURES-----	2,287	2,026	14	245	2	-----	-----
2631 PAPER AND PAPERBOARD-----	8,066	5,645	93	2,307	21	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	542	171	246	80	45	-----	-----
2711 PRINTED MATTER-----	266	83	111	92	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	2,518	277	-----	2,241	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	54	-----	54	-----	-----	-----	-----
2813 ALCOHOLS-----	919	457	-----	462	-----	-----	-----
2817 BENZENE AND TOLUENE-----	8	-----	8	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	7,969	4,899	788	2,160	122	-----	-----
2821 PLASTIC MATERIALS-----	4,994	2,617	733	1,575	29	-----	-----
2822 SYNTHETIC RUBBER-----	96	41	48	6	1	-----	-----
2831 DRUGS-----	1,052	242	391	419	-----	-----	-----
2841 SOAP-----	5,322	392	4,853	43	34	-----	-----
2851 PAINTS-----	4,673	3,599	10	1,254	10	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	299	102	-----	197	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	775	493	254	-----	28	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	250	230	-----	20	-----	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	6,172	2,444	1,200	2,467	61	-----	-----
2911 GASOLINE-----	82,311	13	-----	42,749	-----	39,549	-----
2912 JET FUEL-----	6,621	-----	-----	6,621	-----	-----	-----
2913 KEROSENE-----	3,196	-----	-----	3,196	-----	-----	-----
2914 DISTILLATE FUEL OIL-----	105,122	-----	23,047	8,078	-----	68,517	5,480
2915 RESIDUAL FUEL OIL-----	232,148	-----	50,597	-----	80,183	34,179	67,189
2916 LUBRICATING OILS AND GREASES-----	12,667	136	256	2	12,273	-----	-----
2917 NAPHTHA, PETROLEUM SOLVENTS-----	50	-----	50	-----	-----	-----	-----
2918 ASPHALT, TAR, AND BITUMENS-----	296,090	-----	-----	6,398	81,346	208,306	-----
2920 COKE, PETROLEUM COKE-----	78,771	-----	8,590	5,160	12,500	42,945	9,576
2991 PETROLEUM AND COAL PROD, NEC-----	85	34	-----	-----	51	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	3,237	2,549	325	225	134	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	1,326	150	-----	1,176	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	1,454	650	149	626	29	-----	-----
3241 PORTLAND CEMENT-----	476,267	20	-----	-----	476,247	-----	-----
3251 STRUCTURAL CLAY PRODUCTS-----	7,747	3,685	2	4,100	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	2,173	1,826	30	317	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	633	335	37	261	-----	-----	-----
3312 SLAG-----	180,086	-----	-----	-----	56,880	123,286	-----
3314 IRON AND STEEL PRIMARY FORMS-----	215,627	209,637	-----	5,774	216	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	964,263	925,104	-----	39,146	13	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	4,278	1,681	2,597	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	6,736	5,606	-----	1,130	-----	-----	-----
3319 FERRITALLOYS-----	16,798	15,841	80	847	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	5,723	2,362	54	3,270	37	-----	-----
3321 NONFERRITOUS METALS, NEC-----	1,262	876	42	344	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	3,766	3,027	21	718	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	1,993	1,447	43	503	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	6,614	6,081	-----	477	56	-----	-----
3411 FABRICATED METAL PRODUCTS-----	32,689	4,262	674	7,005	274	20,450	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	23,364	12,173	779	9,744	677	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	2,074	1,068	214	694	120	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	14,783	2,783	1,812	11,819	369	-----	-----
3721 AIRCRAFT AND PARTS-----	2	-----	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	136	110	-----	26	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	9	-----	9	-----	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,546	120	881	519	26	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	649	419	113	117	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	571,251	541	539,698	371	30,841	-----	-----
4012 NONFERRITOUS METAL SCRAP-----	1,171	124	813	-----	234	-----	-----
4112 COMMODITIES, NEC-----	2,654	682	1,251	615	106	-----	-----

DETROIT, MI, DISTRICT

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MONROE HARBOR, MICH.

SECTION INCLUDED: CHANNEL IN LAKE ERIE AND 12,300 FEET ABOVE RAISIN RIVER. CONTROLLING DEPTH: 20 FEET TO TURNING BASIN OVER A CENTER WIDTH OF 150 FEET; 12 FEET IN TURNING BASIN EXCEPT NEAR THE SHORE; 5.5 FEET IN 9 FOOT CHANNEL. PROJECT DEPTH: 21 FEET TO THE TURNING BASIN; 18 FEET IN THE TURNING BASIN; 9 FEET TO LOWER DUCKS AT MONROE. NAVIGATION SEASON: APPROXIMATELY 20 APRIL TO 14 DECEMBER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	972,893	-----	1981-----	2,781,958	-----
1977-----	1,321,348	-----	1982-----	2,401,441	-----
1978-----	2,374,166	-----	1983-----	2,569,992	-----
1979-----	2,662,768	-----	1984-----	2,398,740	-----
1980-----	2,768,541	-----	1985-----	792,884	-----

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	LAKEWISE	
		RECEIPTS	LOCAL
TOTAL-----	792,884	792,276	608
0911 FRESH FISH, EXCEPT SHELLFISH-----	608	-----	608
1121 COAL AND LIGNITE-----	792,276	792,276	-----

OTHER HARBORS AND WATERWAYS			
HARBOR OR WATERWAY	COMMODITY	TONS	PASSENGERS
PROJECT			
ALCONA HARBOR, ILL.	0911 FRESH FISH, EXCEPT SHELLFISH	203	
ALGOYAC, MICH. (INCLUDED IN ST. CLAIR RIVER)	1411 LIMESTONE	14,199	75,381
AJ SABLE HARBOR AND RIVER (OSCODA), MICH.	NO COMMERCE REPORTED		
BIG BAY HARBOR, MICH.	NO COMMERCE REPORTED		
BLACK RIVER HARBOR, MICH.	NO COMMERCE REPORTED		
CASEVILLE, MICH.	0911 FRESH FISH, EXCEPT SHELLFISH	1	
CENAR RIVER HARBOR, MICH.	0911 FRESH FISH, EXCEPT SHELLFISH	2,439	
CHARLEVOIX HARBOR, MICH.	1121 COAL AND LIGNITE	112,242	
	1411 LIMESTONE	11,117	
	1442 SAND, GRAVEL, CRUSHED ROCK	1,006	
	2911 GASOLINE	61	
	2914 DISTILLATE FUEL OIL	87	
	4112 COMMODITIES, NEC	1,908	
	TOTAL	126,421	18,440
CHEBOYGAN HARBOR, MICH.	0911 FRESH FISH, EXCEPT SHELLFISH	38	
	1121 COAL AND LIGNITE	2,257	
	2911 GASOLINE	62,375	
	2914 DISTILLATE FUEL OIL	23,883	
	TOTAL	68,553	15,247
DETROIT, MICH., AND VICINITY (INCLUDED IN ST. MARYS RIVER)	0911 FRESH FISH, EXCEPT SHELLFISH	92	209,096
DETROIT HARBOR, ILL.	0911 FRESH FISH, EXCEPT SHELLFISH	316	
	2042 ANIMAL FEEDS	3	
	2914 TIMBER, PORTS, POLES, PILING	2	
	2911 GASOLINE	780	
	2914 DISTILLATE FUEL OIL	553	
	2915 ASPHALT, TAR, AND PITCHES	70	
	4112 COMMODITIES, NEC	3,354	
	TOTAL	5,082	181,147
EAGLE HARBOR, MICH.	NO COMMERCE REPORTED		
FRANKFORT HARBOR, MICH.	2915 ASPHALT, TAR, AND PITCHES	42,213	
GLANSTONE HARBOR, MICH.	1121 COAL AND LIGNITE	11,894	
	1411 LIMESTONE	4,800	
	1499 NONMETALLIC MINERALS, NEC	19,289	
	2911 GASOLINE	68,743	
	2914 DISTILLATE FUEL OIL	19,472	
	2915 ASPHALT, TAR, AND PITCHES	5,500	
	TOTAL	125,538	
GRAND MARAIS HARBOR (HARBOR OF REFUGE), MICH.	0911 FRESH FISH, EXCEPT SHELLFISH	1	
GRAND TRAVERSE BAY HARBOR, MICH.	0911 FRESH FISH, EXCEPT SHELLFISH	6	
HARBOR BEACH, MICH., HARBOR OF REFUGE, LAKE HURON	1121 COAL AND LIGNITE	34,596	
HARRISVILLE HARBOR, MICH., HARBOR OF REFUGE, LAKE HURON	NO COMMERCE REPORTED		
KENOSHA HARBOR, ILL.	0911 FRESH FISH, EXCEPT SHELLFISH	108	
	1499 NONMETALLIC MINERALS, NEC	12,734	
	2022 DRIED MILK AND CREAM	2,344	
	2041 WHEAT FLOUR AND SEMOLINA	14,026	
	2049 GRAIN MILL PRODUCTS, NEC	21,157	
	2091 VEGETABLE OILS, MANUF. SHORT	4,568	
	2099 MISCELLANEOUS FOOD PRODUCTS	558	
	2211 BASIC TEXTILE PRODUCTS	46	
	2823 SYNTHETIC (MAN-MADE) FIBERS	90	
	3011 RUBBER AND MISC PLASTIC PROD	12	
	3316 IRON AND STEEL PLATES, SHEETS	709	
	3811 ELECTRICAL MACH AND EQUIP	1	
	TOTAL	60,377	
KEWEEGAN WATERWAY, MICH.	0911 FRESH FISH, EXCEPT SHELLFISH	282	
	1121 COAL AND LIGNITE	95,086	
	1411 LIMESTONE	6,471	
	2004 SPIGELITE	4	
	2421 LUMBER	3	
	2914 DISTILLATE FUEL OIL	105	
	3731 SHIPS AND BOATS	12	
	4112 COMMODITIES, NEC	125	
	TOTAL	102,993	4,484
LAC LA PELLE HARBOR, MICH.	NO COMMERCE REPORTED		
LELAND HARBOR, MICH.	0911 FRESH FISH, EXCEPT SHELLFISH	66	20,400
LIME ISLAND, MICH. (INCLUDED IN ST. MARYS RIVER)	NO COMMERCE REPORTED		
MACQUINAC HARBOR, MICH.	0911 FRESH FISH, EXCEPT SHELLFISH	66	
	1411 LIMESTONE	17,710	
	1499 NONMETALLIC MINERALS, NEC	3,750	
	4112 COMMODITIES, NEC	4,706	
	TOTAL	26,532	1,602,046

DETROIT, MI, DISTRICT

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HARBOR OR WATERWAY		OTHER HARBORS AND WATERWAYS--CONTINUED	COMMODITY	TONS	PASSENGERS
PROJECT--CONTINUED					
MACKINAW CITY HARBOR, MICH.,-----		2911 GASOLINE-----	100,945		
		2914 DISTILLATE FUEL OIL-----	28,440		
		TOTAL-----	133,425	508,296	
MARISTEIJE HARBOR, MICH.,-----		0911 FRESH FISH, EXCEPT SHELLFISH-----	113		
MARITONAC HARBOR, MICH.,-----		1121 COAL AND LIGNITE-----	47,740		
		1411 LIMESTONE-----	7,188		
		1442 SAND, GRAVEL, CRUSHED ROCK-----	2,317		
		3241 MILLING CEMENT-----	92,445		
		3315 IRON, STEEL SHAPES, ETC SHEET-----	165		
		TOTAL-----	147,550		
MARQUETTE HARBOR, MICH.,-----		0911 FRESH FISH, EXCEPT SHELLFISH-----	140		
		1121 COAL AND LIGNITE-----	177,352		
		3319 IRON AND STEEL PRODUCTS, NEC-----	426		
		TOTAL-----	178,318		
MARYSVILLE, MICH. (INCLUDED IN ST. CLAIR RIVER)-----		1121 COAL AND LIGNITE-----	73,768		
MENDOTA HARBOR AND RIVER, MICH. AND ILL.,-----		0911 FRESH FISH, EXCEPT SHELLFISH-----	140		
		1121 COAL AND LIGNITE-----	47,740		
		1499 NONMETALLIC MINERALS, NEC-----	23,434		
		3311 PIG IRON-----	2,192		
		TOTAL-----	119,640		
NEW ALFALD HARBOR MICHIGAN-----		NO COMMERCE REPORTED			
ONTOGONIA HARBOR, MICH.,-----		0911 FRESH FISH, EXCEPT SHELLFISH-----	53		
		1121 COAL AND LIGNITE-----	40,365		
		1411 LIMESTONE-----	17,120		
		3731 SHIPS AND BOATS-----	1,050		
		TOTAL-----	95,155		
PENSANCE HARBOR, MICH.,-----		0911 FRESH FISH, EXCEPT SHELLFISH-----	1,520		
PENTWATER HARBOR, MICH.,-----		NO COMMERCE REPORTED			
PORT SANILAR HARBOR, MICH.,-----		0911 FRESH FISH, EXCEPT SHELLFISH-----	5		
PORT WASHINGTON HARBOR, MICH.,-----		0911 FRESH FISH, EXCEPT SHELLFISH-----	23		
		1121 COAL AND LIGNITE-----	241,258		
		TOTAL-----	241,281		
PUT-IN-BAY HARBOR, OHIO-----		1131 FRESH FRUITS-----	9		
		2911 GASOLINE-----	9		
		2921 LIQUEFIED GASES-----	207		
		3511 MACHINERY, EXCEPT ELECTRICAL-----	43		
		4029 WASTE AND SCRAP, NEC-----	17		
		4112 COMMODITIES, NEC-----	4,204		
		TOTAL-----	4,581	521,938	
RACINE HARBOR, WIS.,-----		0911 FRESH FISH, EXCEPT SHELLFISH-----	95		
ROGERS CITY, MICH.,-----		0911 FRESH FISH, EXCEPT SHELLFISH-----	106		
SAIGATUCK HARBOR AND KALAMAZOO RIVER, MICH.,-----				18,814	
SAULT STE. MARIE, MICH. (INCLUDED IN ST. MARYS RIVER)-----		1411 LIMESTONE-----	3,014		
		2041 ALCOHOLIC BEVERAGES-----	12		
		2411 LUGS-----	604		
		2691 PULP AND PAPER PRODUCTS, NEC-----	1		
		2821 PLASTIC MATERIALS-----	2		
		2831 DRUGS-----	183		
		2876 INSECTICIDES, DISINFECTANTS-----	326		
		2911 GASOLINE-----	27,564		
		2914 DISTILLATE FUEL OIL-----	21,164		
		3211 GLASS AND GLASS PRODUCTS-----	4		
		3411 FABRICATED METAL PRODUCTS-----	3		
		3511 MACHINERY, EXCEPT ELECTRICAL-----	15		
		TOTAL-----	52,983	448,757	
SEREWANTS, MICH.,-----		911 FRESH FISH, EXCEPT SHELLFISH-----	75		
SOUTH HAVEN HARBOR, MICH.,-----		NO COMMERCE REPORTED			
ST. JAMES CREEK (ISCANTO), MICH.,-----		0911 FRESH FISH, EXCEPT SHELLFISH-----	24		
		1411 LIMESTONE-----	151		
		2411 LUGS-----	867		
		2911 GASOLINE-----	37		
		2914 DISTILLATE FUEL OIL-----	323		
		2919 ASPHALT, TARS, AND BITUMENS-----	274		
		4112 COMMODITIES, NEC-----	2,384		
		TOTAL-----	4,319	18,440	
STURGENS BAY AND LAKE MICHIGAN SHIP CANAL, WIS.,-----		0911 FRESH FISH, EXCEPT SHELLFISH-----	85		
		1011 FERTILIZING AND COMBUSTIBLES-----	3,277		
		1121 COAL AND LIGNITE-----	152,659		
		1411 LIMESTONE-----	12,771		
		1442 SAND, GRAVEL, CRUSHED ROCK-----	1,106		

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	PASSENGERS
PROJECT--CONTINUED			
STURGEON BAY AND LAKE MICHIGAN SHIP CANAL, WIS. (CONTINUED)	2018 ASPHALT, TAR, AND BITUMENS	22,163	
	3315 IRON, STEEL SHAPES, EXC SHEET	326	
	3411 FABRICATED METAL PRODUCTS	9	
	3511 MACHINERY, EXCEPT ELECTRICAL	64	
	3611 ELECTRICAL MACH AND EQUIP	14	
	4011 IRON AND STEEL SCRAP	3,300	
	TOTAL	195,443	4,078
TRAVERSE CITY HARBOR, MICH.	1121 COAL AND LIGNITE	37,022	
	2871 NITROGENOUS CHEM FERTILIZERS	2,698	
	2911 GASOLINE	157,256	
	2914 DISTILLATE FUEL OIL	24,174	
	TOTAL	221,150	
TWO RIVERS HARBOR, WIS.	0911 FRESH FISH, EXCEPT SHELLFISH	10,644	
	2871 NITROGENOUS CHEM FERTILIZERS	7,651	
	TOTAL	18,295	
WHITE LAKE HARBOR, MICH.	NO COMMERCE REPORTED		
WHITEFISH POINT HARBOR, MICH.	0911 FRESH FISH, EXCEPT SHELLFISH	43	
WYANDOTTE, MICH. (INCLUDED IN PORT OF DETROIT)	1121 COAL AND LIGNITE	163,755	
	2914 DISTILLATE FUEL OIL	5,480	
	TOTAL	169,235	
NONPROJECT			
ALABASTER, MICH.	1494 GYPSUM, CRUDE AND PLASTERS	576,293	
CALCITE, MICH.	1121 COAL AND LIGNITE	23,440	
	1411 LIMESTONE	7,696,512	
	1499 NONMETALLIC MINERALS, NEC	19,082	
	TOTAL	7,739,541	
ESCANABA, MICH.	0911 FRESH FISH, EXCEPT SHELLFISH	46	
	1011 IRON ORE AND CONCENTRATES	4,182,944	
	1121 COAL AND LIGNITE	147,555	
	1411 LIMESTONE	20,012	
	2911 GASOLINE	59,567	
	2914 DISTILLATE FUEL OIL	72,353	
	TOTAL	4,675,617	
MARBLEHEAD, OHIO	1411 LIMESTONE	541,925	155,189
PORT COLUMBIA, MICH.	1411 LIMESTONE	2,029,421	
	3241 CUT STONE AND STONE PRODUCTS	14,234	
	TOTAL	2,043,655	
PORT GYPSUM, MICH.	1494 GYPSUM, CRUDE AND PLASTERS	365,442	
PORT HURON, MICH.	1411 LIMESTONE	2,273,516	
	2911 GASOLINE	109	
	2914 DISTILLATE FUEL OIL	216	
	2920 COKE, PETROLEUM COKE	9,492	
	TOTAL	2,283,340	
STOWEY PT., MICH.	1411 LIMESTONE	6,434,732	
	1492 SAND, GRAVEL, CRUSHED ROCK	62,449	
	3315 IRON, STEEL SHAPES, EXC SHEET	5	
	3319 IRON AND STEEL PRODUCTS, NEC	70	
	TOTAL	6,500,296	

BUFFALO, NY, DISTRICT

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TOLEDO HARBOR, OHIO

SECTION INCLUDED: CHANNEL IN LAKE ERIE AND 7 MILES IN LOWER MAJNEE RIVER, CONTROLLING DEPTHS: 20 FEET IN THE BAY CHANNEL; 27 FEET IN THE RIVER CHANNEL TO THE TURNING BASIN OPPOSITE THE MID-STATES TERMINALS, INC. DOCK; THENCE 14 FEET TO THE TURNING BASIN AT THE UPPER PROJECT LIMITS WITH 13 FEET IN THE TURNING BASIN; 20 FEET IN THE TURNING BASIN AT MILE 3 AND 27 FEET IN THE TURNING BASIN AT MILE 6.5, PROJECT DEPTHS: 20 FEET IN BAY AND 27 FEET IN THE RIVER CHANNEL TO THE TURNING BASIN OPPOSITE THE MID-STATES TERMINALS, INC. DOCK; THENCE 25 FEET IN THE TURNING BASIN AT UPSTREAM LIMITS OF THE PROJECT WITH 18 FEET IN THE TURNING BASIN; 20 FEET IN THE TURNING BASIN AT MILE 3 AND 27 FEET IN TURNING BASIN AT MILE 6.5, NAVIGATION SEASON: APPROXIMATELY MARCH 1 TO DECEMBER 31.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	25,001,674	26,192	1981-----	22,962,303	19,900
1977-----	23,275,707	-----	1982-----	16,394,148	17,700
1978-----	27,571,418	10,820	1983-----	17,408,794	19,680
1979-----	26,256,345	10,820	1984-----	20,836,636	197,262
1980-----	22,263,245	22,600	1985-----	18,400,468	210,562

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	OVERSEAS		CANADIAN		DOMESTIC LAKEWISE		LOCAL
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	18,400,468	441,067	1,293,433	1,249,726	5,866,346	3,308,459	6,091,508	149,799
0103 CORN-----	1,420,270	-----	435,253	-----	985,017	-----	-----	-----
0107 WHEAT-----	474,304	-----	63,498	-----	399,810	-----	15,000	-----
0111 SOYBEANS-----	757,162	-----	524,375	-----	232,794	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH-----	291	-----	-----	-----	-----	-----	-----	291
1011 IRON ORE AND CONCENTRATES-----	3,136,742	-----	-----	196,571	-----	2,940,171	-----	-----
1121 COAL AND LIGNITE-----	10,317,044	-----	254,423	-----	4,153,124	44,377	5,865,116	-----
1411 LIMESTONE-----	13,056	-----	-----	-----	-----	13,056	-----	-----
1442 SAND, GRAVEL, CRUSHED ROCK-----	179,417	-----	-----	17,023	-----	13,266	-----	149,508
1499 NONMETALLIC MINERALS, NEC-----	249,221	713	-----	93,069	-----	145,439	-----	-----
2034 VEGETABLES AND PREP, NEC-----	5,032	5,032	-----	-----	-----	-----	-----	-----
2042 ANIMAL FEEDS-----	25	-----	25	-----	-----	-----	-----	-----
2049 GRAIN, MILL PRODUCTS, NEC-----	2,607	-----	-----	-----	2,607	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS-----	1,036	1,036	-----	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	15	14	1	-----	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	17,610	-----	-----	17,610	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	1	1	-----	-----	-----	-----	-----	-----
2819 BASIC CHEMICALS AND PROD, NEC-----	20	20	-----	-----	-----	-----	-----	-----
2821 PLASTIC MATERIALS-----	52	52	-----	-----	-----	-----	-----	-----
2851 PAINTS-----	15	12	-----	3	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	99,083	99,083	-----	-----	-----	-----	-----	-----
2872 POTASSIC CHEM FERTILIZERS-----	796,939	-----	796,939	-----	-----	-----	-----	-----
2911 GASOLINE-----	142,924	-----	-----	99,664	-----	-----	43,256	-----
2912 JET FUEL-----	94,247	-----	-----	-----	30,121	-----	64,176	-----
2914 DISTILLATE FUEL OIL-----	32,773	-----	-----	-----	32,773	-----	-----	-----
2915 RESIDUAL FUEL OIL-----	43,600	-----	-----	-----	-----	-----	83,600	-----
2916 LUBRICATING OILS AND GREASES-----	35,440	-----	5,744	-----	30,136	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	72	72	-----	-----	-----	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	7	7	-----	-----	-----	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	62	62	-----	-----	-----	-----	-----	-----
3241 BUILDING CEMENT-----	192,130	-----	-----	-----	-----	192,130	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	1	1	-----	-----	-----	-----	-----	-----
3311 PIG IRON-----	26,444	-----	-----	26,444	-----	-----	-----	-----
3314 IRON AND STEEL PRIMARY FORMS-----	36,867	36,867	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	237,265	237,265	-----	-----	-----	-----	-----	-----
3316 IRON AND STEEL PLATES, SHEETS-----	351	351	-----	-----	-----	-----	-----	-----
3317 IRON AND STEEL PIPE AND TUBE-----	7,149	7,149	-----	-----	-----	-----	-----	-----
3318 FERROALLOYS-----	11	11	-----	-----	-----	-----	-----	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	38	38	-----	-----	-----	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	1,056	1,056	-----	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	7	7	-----	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	43,976	43,976	-----	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	4,542	4,542	-----	-----	-----	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	22,446	2,035	-----	1	-----	-----	20,450	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	954	941	14	2	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	38	38	27	-----	-----	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	142	136	-----	-----	-----	-----	-----	-----
3741 SHIPS AND BOATS-----	29	-----	-----	-----	-----	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	9	4	-----	-----	-----	-----	-----	-----
3911 INSTR, TIME, PHOTO, OPT GOODS-----	2	-----	2	-----	-----	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	1	1	-----	-----	-----	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	5,424	55	5,474	-----	-----	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	2,437	2,437	-----	-----	-----	-----	-----	-----
4112 COMMODITIES, NEC-----	4,604	19	4,590	-----	-----	-----	-----	-----

Waterborne Commerce of the United States, 1985

SANDUSKY HARBOR, OHIO

SECTION INCLUDED: SOUTHEASTERLY PORTION OF SANDUSKY BAY TO AND INCLUDING PASSENGER DOCKS ON CEDAR POINT, CONTROLLING DEPTHS: MOSELY CHANNEL, 27 FEET; RAY CHANNEL AND STRAIGHT CHANNEL FROM MOSELY CHANNEL TO JUNCTION WITH BAY CHANNEL, 25 FEET; TURNING BASIN, 24 FEET; DOCK CHANNEL, 21 FEET; STRAIGHT CHANNEL FROM DOCK CHANNEL TO JUNCTION WITH RAY CHANNEL, 21 FEET. PROJECT DEPTHS: MOSELY CHANNEL, 26 FEET; RAY CHANNEL AND STRAIGHT CHANNEL FROM MOSELY CHANNEL TO JUNCTION WITH RAY CHANNEL, 25 FEET; TURNING BASIN, 24 FEET; DOCK CHANNEL, 22 FEET; AND STRAIGHT CHANNEL FROM DOCK CHANNEL TO JUNCTION WITH BAY CHANNEL, 21 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	5,370,043	378,408	1981	5,949,310	128,835
1977	4,314,577	186,301	1982	5,065,353	114,634
1978	3,655,748	178,992	1983	4,344,281	224,337
1979	5,972,852	173,153	1984	4,789,730	246,744
1980	6,412,304	165,541	1985	4,585,990	258,831

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		OVERSEAS		LAKEWISE		
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL	4,585,990	115	2,861,892	227,965	1,495,346	672
111 FRESH FRUITS	687			687		
112 FRESH FISH, EXCEPT SHELLFISH	672					672
1121 COAL AND LIGNITE	4,292,259		2,861,892		1,430,367	
141 LIMESTONE	15,741			15,741		
142 SAND, GRAVEL, CRUSHED ROCK	56,135			56,678		457
143 GYPSUM, CRUDE AND PLASTER	124,192			124,192		
149 NONMETALLIC MINERALS, NEC	31,283	1		31,282		
251 FISH AND SHELLFISH, PREPARED	60,494				60,494	
262 ANIMAL FEEDS	21					21
264 GROCERIES	234					234
265 ICE	69					69
269 MISCELLANEOUS FOOD PRODUCTS	292					292
2611 FURNITURE AND FIXTURES	13			6		7
2631 PAPER AND PAPERBOARD	10	10				
2819 BASIC CHEMICALS AND PROD, NEC	16	16				
2822 SYNTHETIC RUBBER	18	18				
2872 POTASSIC CHEM FERTILIZERS	67					67
2891 MISCELLANEOUS CHEMICAL PROD	10	10				
2911 GASOLINE	398					398
2914 DISTILLATE FUEL OIL	402					402
2915 ASPHALT, TAR, AND BITUMENS	801					801
2921 LIQUEFIED GASES	65					65
3011 RUBBER AND MISC PLASTIC PROD	7	2				5
3251 STRUCTURAL CLAY PRODUCTS	13	13				
3291 MISC NONMETALLIC MINERAL PROD	3					3
3316 IRON AND STEEL PLATES, SHEETS	1					1
3321 NONFERROUS METALS, NEC	5					
3322 COPPER ALLOYS, UNWORKED	1					
3411 FABRICATED METAL PRODUCTS	201	5				196
3511 MACHINERY, EXCEPT ELECTRICAL	751	32		245		474
3611 ELECTRICAL MACH AND EQUIP	2	2				
4029 WASTE AND SCRAP, NEC	41			77		4
4112 COMMUNITIES, NEC	921			17		904

HUNON HARBOR, OHIO

SECTION INCLUDED: LAKE APPROACH CHANNEL FROM DEEP WATER TO A POINT OPPOSITE THE OUTER END OF EAST BREAKWATER; ENTRANCE CHANNEL FROM ITS JUNCTION WITH THE APPROACH CHANNEL TO ITS JUNCTION WITH THE RIVER CHANNEL; RIVER CHANNEL AND TURNING BASIN TO WITHIN 1,500 FEET OF THE PENN CENTRAL RAILROAD BRIDGE. CONTROLLING DEPTHS: LAKE APPROACH AND ENTRANCE CHANNEL, 27.5 FEET; RIVER CHANNEL, 27 FEET; TURNING BASIN, 21 FEET. PROJECT DEPTHS: LAKE APPROACH AND ENTRANCE CHANNELS, 29 FEET; RIVER CHANNEL TO SLIP NO. 1, 24 FEET; FROM SLIP NO. 1 THROUGH EASTERN PORTION OF THE TURNING BASIN, 27 FEET; TURNING BASIN, 21 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976	2,455,701	1981	2,340,447
1977	1,433,192	1982	1,623,109
1978	2,429,342	1983	1,954,308
1979	3,457,764	1984	2,509,263
1980	2,124,061	1985	1,950,106

* PASSENGERS=1,754.

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		CANADIAN		DOMESTIC	
		OVERSEAS		LAKEWISE		LOCAL	
		IMPORTS	EXPORTS	IMPORTS	EXPORTS		
TOTAL	1,950,106	25,317	70,424	103,495	165,479	1,565,486	1
111 FRESH FRUITS	159,955		33,698		126,257		
112 FRESH FISH, EXCEPT SHELLFISH	34,722				34,722		
1121 COAL AND LIGNITE	41,130		36,630		4,500		
1122 FRESH FISH, EXCEPT SHELLFISH	1						1

BUFFALO, NY, DISTRICT

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LAKE ERIE HARBOR, OHIO--CONTINUED
FREIGHT TRAFFIC, 1985--CONTINUED
(SHORT TONS)

COMMODITY	TOTAL	OVERSEAS		CANADIAN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
1011 IRON ORE AND CONCENTRATES-----	1,304,13A	24,653	-----	40,603	-----	1,194,882	-----	-----
1411 LIMESTONE-----	390,604	-----	-----	-----	-----	390,604	-----	-----
2619 GRAIN MILL PRODUCTS, NEC-----	22	22	-----	-----	-----	-----	-----	-----
2619 BASIC CHEMICALS AND PROD, NEC-----	38	3A	-----	-----	-----	-----	-----	-----
2621 PLASTIC MATERIALS-----	16	1A	-----	-----	-----	-----	-----	-----
2641 SCAP-----	4	4	-----	-----	-----	-----	-----	-----
2672 POTASSIC CHEM FERTILIZERS-----	18,892	-----	-----	18,892	-----	-----	-----	-----
3011 RUBBER AND MISC PLASTIC PROD-----	31	31	-----	-----	-----	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	497	497	-----	-----	-----	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	2	2	-----	-----	-----	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	10	10	-----	-----	-----	-----	-----	-----
3511 MACHINERY, EXCEPT ELECTRICAL-----	23	23	-----	-----	-----	-----	-----	-----
3611 ELECTRICAL MACH AND EQUIP-----	19	19	-----	-----	-----	-----	-----	-----

LAKE ERIE HARBOR, OHIO

SECTION INCLUDED: OUTER HARBOR AND BLACK RIVER FROM MOUTH TO AND INCLUDING UNITED STATES STEEL CORP., NATIONAL TUBE DIVISION DOCK, 3 MILES. CONTROLLING DEPTHS: LAKE APPROACH CHANNEL, 27.0 FEET; A CHANNEL 400 FEET WIDE THROUGH THE OUTER HARBOR, 27.0 FEET; REMAINDER OF OUTER HARBOR, 25 FEET; LOWER 2,200 FEET OF RIVER CHANNEL, 25 FEET; REMAINDER OF RIVER CHANNEL 24 FEET EXCEPT TURNING BASIN JUST DOWNSTREAM OF THE 21ST STREET BRIDGE WHICH IS 12 TO 19 FEET AND THE TURNING BASIN OPPOSITE THE U. S. STEEL CORP., NATIONAL TUBE DIVISION WHICH IS 12 TO 20 FEET. PROJECT DEPTHS: LAKE APPROACH CHANNEL, 29 FEET; A CHANNEL 400 FEET WIDE THROUGH THE OUTER HARBOR, 28 FEET; REMAINDER OF OUTER HARBOR, 25 FEET; LOWER 2,200 FEET OF RIVER CHANNEL, 28 FEET; REMAINDER OF RIVER CHANNEL, 27 FEET; EXCEPT TURNING BASIN DOWNSTREAM OF 21ST STREET BRIDGE, 21 FEET AND TURNING BASIN OPPOSITE U. S. STEEL CORP., NATIONAL TUBE DIVISION DOCK, 21 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	7,439,113	1981-----	13,719,545
1977-----	6,286,913	1982-----	5,672,469
1978-----	7,236,264	1983-----	7,224,537
1979-----	4,833,011	1984-----	9,884,246
1980-----	6,151,368	1985-----	9,426,024

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	OVERSEAS		CANADIAN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	9,426,024	10,662	-----	57,377	-----	6,400,519	2,977,156	7,308
1011 IRON ORE AND CONCENTRATES-----	1,304,13A	24,653	-----	40,603	-----	1,194,882	-----	-----
1411 LIMESTONE-----	390,604	-----	-----	-----	-----	390,604	-----	-----
1402 SAND, GRAVEL, CRUSHED ROCK-----	95,636	-----	-----	-----	-----	95,636	-----	7,30A
1404 GYPSUM, CRUDE AND PLASTERS-----	100,622	-----	-----	-----	-----	100,622	-----	-----
1409 NONMETALLIC MINERALS, NEC-----	10,662	10,662	-----	-----	-----	-----	-----	-----
2672 POTASSIC CHEM FERTILIZERS-----	18,892	-----	-----	18,892	-----	-----	-----	-----
3241 CHT STONE AND STONE PRODUCTS-----	10,234	-----	-----	-----	-----	10,234	-----	-----

CLEVELAND HARBOR, OHIO

SECTION INCLUDED: OUTER HARBOR, OLD RIVER AND CUYAHOGA RIVER FROM MOUTH TO AND INCLUDING UPPER REPUBLIC STEEL CORP., DOCK, IMMEDIATELY DOWNSTREAM FROM CLEVELAND & WESTERN RAILWAY BRIDGE, 5.4 MILES. CONTROLLING DEPTHS: LAKE APPROACH CHANNEL, 36 FEET; ENTRANCE CHANNEL, WEST BASIN AND WESTERLY 830 FEET OF EAST BASIN, 24 FEET; EASTERLY 350-FOOT LENGTH OF EAST BASIN, 27 FEET; 500-FOOT CHANNEL THROUGH EAST OUTER HARBOR, 20 FEET; CHANNEL BETWEEN PIERS TO CLEVELAND RAILROAD BRIDGE, 27.5 FEET; CHANNEL IN CUYAHOGA RIVER FROM PERS CENTRAL RAILROAD TO UPPER PROJECT LIMIT, 22 FEET; TURNING BASIN UPSTREAM FROM E.L. GUPTON OF NEWMOORS AND COMPANY, INC., GRASSLETT CHEMICAL DIVISION DOCK, 19.5 FEET; OLD RIVER TO SAND PRODUCTS CORPORATION DOCK, 23 FEET; REMAINDER OF OLD RIVER TO UPPER PROJECT LIMIT, 14 FEET. PROJECT DEPTH: LAKE APPROACH CHANNEL, 24 FEET; WEST BASIN, ENTRANCE CHANNEL AND WEST END OF EAST BASIN, 28 FEET; REMAINING 300-FOOT LENGTH OF EAST BASIN, 27 FEET; SURFACED CHANNEL THROUGH EAST OUTER HARBOR, 25 FEET; LOWER CUYAHOGA RIVER FROM LAKEWARD END OF THE PIERS TO IMMEDIATELY ABOVE JUNCTION WITH OLD RIVER, 27 FEET; OLD RIVER TO UPPER PROJECT LIMIT, 27 FEET; REMAINDER OF CUYAHOGA RIVER, 23 FEET; TURNING BASIN UPSTREAM FROM E.L. GUPTON OF NEWMOORS & CO., GRASSLETT CHEMICAL DIVISION DOCK, 14 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	14,167,577	112,874	1981-----	13,903,840	27,200
1977-----	16,103,781	78,721	1982-----	8,941,832	144,400
1978-----	19,459,662	127,620	1983-----	11,359,980	165,600
1979-----	19,171,349	126,400	1984-----	12,920,774	180,700
1980-----	14,005,151	-----	1985-----	13,767,174	190,000

CLEVELAND HARBOR, OHIO--CONTINUED

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	OVERSEAS		FOREIGN		CANADIAN		DOMESTIC LAKEWISE		LOCAL
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL	13,767,174	1,053,535	109,732	1,792,445	399,675	9,288,734	704,967	418,086		
3107 WHEAT	91,124		32,050	3,265		55,809				
3119 DULSEDS, NEC	10,230		10,230							
3801 CRUDE RUBBER AND ALLIED GUMS	8		8							
1011 IRON ORE AND CONCENTRATES	8,428,297	42,691		992,423		6,996,107				397,066
1051 ALUMINUM ORES, CONCENTRATES	7,756	4,924	2,832							
1061 MANGANESE ORES, CONCENTRATES	7,937									
1311 CRUDE PETROLEUM	2,835			2,835						
1421 LIMESTONE	1,645,739					1,629,759				15,980
1442 SAND, GRAVEL, CRUSHED ROCK	848,622			748,367		95,215				5,040
1499 NONMETALLIC MINERALS, NEC	930,725	15,421			340,654		574,650			
2014 TALLOW, ANIMAL FATS AND OILS	2,221		2,221							
2039 PREP FRUIT AND VEG JUICE, NEC	21		21							
2049 GRAIN MILL PRODUCTS, NEC	12		12							
2091 ALCOHOLIC BEVERAGES	1,528	1,528								
2095 ICE	26	26								
2109 MISCELLANEOUS FOOD PRODUCTS	3	3								
2211 BASIC TEXTILE PRODUCTS	54	54								
2311 APPAREL	35	35								
2491 AUTO MANUFACTURES, NEC	8	8								
2511 FURNITURE AND FIXTURES	30	30								
2631 PAPER AND PAPERBOARD	27	27								
2691 PULP AND PAPER PRODUCTS, NEC	77	77								
2711 PRINTER MATTER	21	21								
2814 BASIC CHEMICALS AND PHOS, NEC	437	437								
2821 PLASTIC MATERIALS	148	148								
2822 SYNTHETIC RUBBER	16		16							
2831 DRUGS	25	25								
2841 SOAP	203	203								
2851 PAINTS	266	266								
2872 PUTANSIC CHEM FERTILIZERS	3,835		3,835							
2879 FERTILIZER AND MATERIALS, NEC	584	584								
2891 MISCELLANEOUS CHEMICAL PROD	121	120	1							
2901 RESIDUAL FUEL OIL	77,364			14,016		15,809	47,239			
2914 ASPHALT, TAR, AND BITUMES	114,244				2,557	115,687				
2920 COKE, PETROLEUM COAL	56,484				55,468					
3011 RUBBER AND MISC PLASTIC PROD	239	239								
3211 GLASS AND GLASS PRODUCTS	56	56								
3241 BUILDING CEMENT	340,348					340,348				
3291 STRUCTURAL CLAY PRODUCTS	126	126								
3291 CUT STONE AND STONE PRODUCTS	39	39								
3291 MISC NONMETALLIC MINERAL PROD	221	221								
3311 PIG IRON	1,080	1,080								
3312 SLAG	83,074						83,078			
3314 IRON AND STEEL PRIMARY FORMS	372,451	341,084	31,267							
3315 IRON, STEEL SHAPES, EXC SHEET	631,376	617,879		13,427						
3316 IRON AND STEEL PLATES, SHEETS	440	440								
3317 IRON AND STEEL PIPE AND TUBES	4,484	4,484								
3318 FERTILIZERS	10,994	4,974		5,929						
3319 IRON AND STEEL PRODUCTS, NEC	1,140	1,140								
3321 NONFERROUS METALS, NEC	114	114								
3322 COPPER ALLOYS, UNWORKED	633	633								
3323 LEAD AND ZINC, UNWORKED	275	275								
3324 ALUMINUM AND ALLOYS, UNWORKED	1,983	1,983								
3411 FABRICATED METAL PRODUCTS	3,545	3,145		410						
3511 MACHINERY, EXCEPT ELECTRICAL	6,534	6,533		1						
3611 ELECTRICAL MACH AND EQUIP	825	825								
3711 MOTOR VEHICLES, PARTS, EQUIP	375	375								
3731 SHIPS AND BOATS	49	49								
3911 MISC MANUFACTURED PRODUCTS	23	23								
4011 IRON AND STEEL SCRAP	31,092		31,092							
4012 NONFERROUS METAL SCRAP	491	491								
4112 COMMODITIES, NEC	140	119	21							

FAIRPORT HARBOR, OHIO

SECTION INCLUDES: OUTER HARBOR AND GRAND RIVER FROM MOUTH TO AND INCLUDING DIAMOND ALKALI COMPANY STONE DOCK, 1.5 MILES, CONTROLLING DEPTHS: ENTRANCE CHANNEL, 24 FEET; OUTER HARBOR, 24.0 FEET; GRAND RIVER TO UPSTREAM OF REPUBLIC STEEL, 19.0 FEET; REMAINING LENGTH OF GRAND RIVER TO THE UPPER PROJECT LIMIT, 12 FEET; EXCEPT FOR 1,000 FEET OF THE UPSTREAM END OF THE WEST SIDE OF THE CHANNEL, 5 FEET; TURNING BASIN, 15 FEET. MAINTENANCE DEPTHS: ENTRANCE CHANNEL AND OUTER HARBOR, 25 FEET; GRAND RIVER TO UPSTREAM OF REPUBLIC STEEL, 24 FEET; REMAINING LENGTH OF GRAND RIVER TO THE UPPER PROJECT LIMITS, 21 FEET; TURNING BASIN, 16 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1975	2,677,023	1981	1,674,168
1977	2,199,262	1982	1,626,977
1978	2,590,469	1983	1,739,588
1979	2,391,600	1984	1,905,007
1980	1,970,627	1985	2,317,777

BUFFALO, NY, DISTRICT

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FAIRPORT HARBOR, OHIO--CONTINUED

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	OVERSEAS		FOREIGN		CANADIAN		DOMESTIC LAKEWISE		LOCAL
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	2,317,777	1,171	22,860	34,618	221,315	1,525,314	427,080	85,419		
1121 COAL AND LIGNITE-----	18,340							18,340		
1411 Limestone-----	1,525,314							1,525,314		
1442 SAND, GRAVEL, CRUSHED ROCK-----	114,432			29,013						85,419
1499 NONMETALLIC MINERALS, NEC-----	652,422		22,860	7	221,315				408,740	
3315 IRON, STEEL SHAPES, EXC SHEET-----	6,769	1,171		5,598						

ASHTABULA HARBOR, OHIO

SECTION INCLUDED: OUTER HARBOR AND ASHTABULA RIVER FROM MOUTH TO AND INCLUDING CITY OF ASHTABULA DOCK (FORMER GREAT LAKES ENGINEERING 4094'S DOCK), 1.75 MILES. CONTROLLING DEPTH: WESTERLY PORTION OF OUTER HARBOR TO INNER BREAKWATER & APPROACH CHANNEL TO DOCK EAST OF INNER BREAKWATER, 26.0 FEET TURNING BASIN IN FRONT OF INNER BREAKWATER 21.5 FEET; THE APPROACH TO THE PENN. CENTRAL RAILROAD COMPANY'S SLIP AND THE LOWER 2,000 FEET OF THE ASHTABULA RIVER, 23 FEET; THENCE TO CAR FERRY SLIP, 10 FEET; THENCE TO A POINT 1,550 FEET UPSTREAM FROM TURNING BASIN AND INCLUDING TURNING BASIN, 3 FEET. PROJECT DEPTH: ENTRANCE CHANNEL, 29 FEET; WESTERLY PORTION OF OUTER HARBOR TO INNER BREAKWATER, 24 FEET; APPROACH CHANNEL TO DOCK EAST OF INNER BREAKWATER, 28 FEET; TURNING BASIN IN THE EASTERLY PORTION OF THE OUTER HARBOR, 22 FEET; CHANNEL FROM INSIDE THE INNER BREAKWATER TO MOUTH OF RIVER AND 2,000 FEET UPSTREAM AND APPROACH CHANNEL TO PENN. CENTRAL RAILROAD SLIP, 27 FEET; THENCE TO CAR FERRY SLIP, 18 FEET; THENCE TO A POINT 1,550 FEET UPSTREAM FROM TURNING BASIN AND INCLUDING TURNING BASIN, 16 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	11,700,411	1981-----	9,947,755
1977-----	11,632,975	1982-----	6,852,337
1978-----	12,430,261	1983-----	8,395,023
1979-----	14,602,645	1984-----	9,243,475
1980-----	10,074,956	1985-----	7,039,128

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	OVERSEAS		FOREIGN		CANADIAN		DOMESTIC LAKEWISE	
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL-----	7,039,128	202,102	63,097	345,948	3,377,875	1,995,151	1,054,955		
1011 IRON ORE AND CONCENTRATES-----	1,876,205	100,059		205,263		1,547,254	23,629		
1091 NONFERROUS ORES, CONCENT, NEC-----	38,536	38,536							
1121 COAL AND LIGNITE-----	4,448,525		45,627		3,371,572		1,031,326		
1411 Limestone-----	447,897						447,897		
1442 SAND, GRAVEL, CRUSHED ROCK-----	71,385			71,385					
1451 CLAY-----	16,053	9,750			6,303				
2672 POTASSIUM CHEM FERTILIZERS-----	60,652			60,652					
3311 PIG IRON-----	6,092			6,092					
3314 IRON AND STEEL PRIMARY FORMS-----	19,009	19,009							
3315 IRON, STEEL SHAPES, EXC SHEET-----	14,649	12,735		1,914					
3316 FERROALLOYS-----	2,779	2,779							
3321 NONFERROUS METALS, NEC-----	642			642					
3511 MACHINERY, EXCEPT ELECTRICAL-----	53			53					
4011 IRON AND STEEL SCRAP-----	17,417		17,417						
4012 NONFERROUS METAL SCRAP-----	19,234	19,234							

CONNEAUT HARBOR, OHIO

SECTION INCLUDED: OUTER HARBOR AND CONNEAUT RIVER 2,450 FEET UPSTREAM OF THE OUTER END OF THE WEST PIER. CONTROLLING DEPTH: WESTERLY PORTION OF OUTER HARBOR, 20.5 FEET; ACCESS CHANNEL TO CITY DOCK, 7.5 FEET; EASTERLY PORTION OF OUTER HARBOR 23 FEET. INNER HARBOR, 28.5 FEET; PROJECT DEPTH: EASTERLY PORTION OF OUTER HARBOR, 24 FEET; WESTERLY PORTION OF OUTER HARBOR, 22 FEET; ACCESS CHANNEL TO CITY DOCK, 9 FEET; INNER HARBOR, 27 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	16,064,534	1981-----	16,150,563
1977-----	15,146,627	1982-----	10,968,273
1978-----	17,427,794	1983-----	8,771,290
1979-----	21,478,061	1984-----	12,660,783
1980-----	18,656,609	1985-----	9,148,003

Waterborne Commerce of the United States, 1985

CONNEAUT HARBOR, OHIO--CONTINUED

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC LAKEWISE	
		OVERSEAS		CANADIAN		RECEIPTS	SHIPMENTS
		IMPORTS	EXPORTS	IMPORTS	EXPORTS		
TOTAL-----	9,148,003	981	254,213	92,956	5,245,426	2,324,540	1,229,887
1011 IRON ORE AND CONCENTRATES-----	1,825,099			92,956		1,732,143	
1121 COAL AND LIGNITE-----	6,729,526		254,213		5,245,426		1,229,887
1411 LIMESTONE-----	592,397					592,397	
3317 IRON AND STEEL PIPE AND TUBE-----	981	981					

ERIE HARBOR, PA.

SECTION INCLUDED: SOUTHERLY SIDE OF ERIE HARBOR AND LAKE ERIE WATER FRONTAGE FROM HARBOR ENTRANCE EASTWARD TO AND INCLUDING RUN OIL CO. DOCK, 3.5 MILES. CONTROLLING DEPTH: ENTRANCE CHANNEL, 29 FEET; CHANNEL TO EASTERLY COAL AND ORE DOCKS, 27 FEET; AND 27 FEET TO THE PORT AUTHORITY DOCK; HARBOR BASIN, 21 FEET; WESTERLY PORTION OF HARBOR, 18 FEET. PROJECT DEPTH: ENTRANCE CHANNEL, 29 FEET; APPROACH CHANNEL TO EASTERLY COAL AND ORE DOCKS, 24 FEET; APPROACH TO PORT AUTHORITY DOCKS, 27 FEET; HARBOR BASIN, 21 FEET; WESTERLY PORTION OF HARBOR BASIN, 18 FEET. THE APPROACH CHANNEL FROM THE 24 FOOT CHANNEL TO AND INCLUDING TURNING BASIN AT WESTERLY DOCKS HAS BEEN AUTHORIZED, BUT NEVER COMPLETED AND CONSIDERED INACTIVE AT THE PRESENT TIME.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	1,157,637		1981-----	754,698	20,428
1977-----	954,672		1982-----	624,432	14,698
1978-----	1,129,985	67,200	1983-----	606,690	
1979-----	833,707	27,360	1984-----	828,904	19,940
1980-----	508,675	24,088	1985-----	965,589	26,988

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC LAKEWISE		LOCAL
		OVERSEAS		CANADIAN		RECEIPTS	SHIPMENTS	
		IMPORTS	EXPORTS	IMPORTS	EXPORTS			
TOTAL-----	965,589	233,301	75,345	104,062	342	370,403	12,236	169,900
0911 FRESH FISH, EXCEPT SHELLFIS-----	153							153
1091 NONFERROUS ORES, CONCENT, NI-----	12,861			12,861				
1121 COAL AND LIGNITE-----	12,236						12,236	
1411 LIMESTONE-----	323,247					323,247		
1442 SAND, GRAVEL, CRUSHED ROCK-----	252,491			82,744				169,747
1449 NONMETALLIC MINERALS, NEC-----	47,156					47,156		
2081 ALCOHOLIC BEVERAGES-----	182		182					
2491 WOOD MANUFACTURES, NEC-----	14		14					
3311 PIG IRON-----	8,447			8,447				
3314 IRON AND STEEL PRIMARY FORMS-----	163,579		163,579					
3315 IRON, STEEL SHAPES, EXC SHEET-----	49,629		49,629					
3317 IRON AND STEEL PIPE AND TUBE-----	16,258		16,258					
3319 FERROALLOYS-----	1,653		1,653					
3411 FABRICATED METAL PRODUCTS-----	94		94					
3511 MACHINERY, EXCEPT ELECTRICAL-----	261		2		259			
3611 ELECTRICAL MACH AND EQUIP-----	3		3					
3731 SHIPS AND BOATS-----	1					1		
3791 MISC TRANSPORTATION EQUIPMENT-----	21		21					
4011 IRON AND STEEL SCRAP-----	75,211		75,211					
4112 COMMODITIES, NEC-----	92			10	82			

BUFFALO HARBOR, N. Y. (INCLUDED IN PORT OF BUFFALO)

SECTION INCLUDED: OUTER HARBOR, LACKAWANNA CANAL, UNION CANAL, BUFFALO RIVER FROM MOUTH TO CONRAIL R. Y. BRIDGE, 5.5 MILES, BUFFALO SHIP CANAL, AND BLACK ROCK LOCK CANAL TO THE BLACK HUCK LOCK. CONTROLLING DEPTHS: OUTER AREA OF SOUTH ENTRANCE CHANNEL, 30 FEET; SOUTH ENTRANCE CHANNEL 29.5 FEET; SOUTHERLY PORTION OF OUTER HARBOR, 28 FEET; 900 FEET WIDE SECTION ADJACENT TO THE SOUTH BREAKWATER BEGINNING 2,070 FEET NORTH OF THE SOUTH BREAKWATER AND PROCEEDING NORTHERLY 4,200 FEET, 23 FEET; THENCE 27 FEET TO THE INTERNATIONAL SALT COMPANY AND 23 FEET IN THE REMAINDER OF THE OUTER HARBOR TO THE NORTH; NEW NORTH ENTRANCE CHANNEL, 25 FEET; BLACK ROCK CANAL, 21 FEET; BUFFALO RIVER ENTRANCE, BUFFALO RIVER AND BUFFALO SHIP CANAL, 22 FEET. PROJECT DEPTH: OUTER AREA OF SOUTH ENTRANCE CHANNEL, 30 FEET; SOUTH ENTRANCE CHANNEL 29 FEET; SOUTHERLY PORTION OF OUTER HARBOR, 28 FEET; 900 FEET WIDE SECTION ADJACENT TO THE SOUTH BREAKWATER BEGINNING 2,070 FEET NORTH OF THE SOUTH BREAKWATER AND PROCEEDING NORTHERLY 4,200 FEET, 23 FEET. MIDDLE SECTION OF THE OUTER HARBOR, 27 FEET; NORTH OUTER HARBOR, 23 FEET; NORTH ENTRANCE CHANNEL, 25 FEET; BUFFALO RIVER ENTRANCE, BUFFALO RIVER AND BUFFALO SHIP CANAL, 22 FEET; BLACK ROCK CANAL, 21 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976-----	11,481,716	24	1981-----	5,740,021	
1977-----	7,975,244		1982-----	3,551,960	
1978-----	9,134,753		1983-----	1,963,434	
1979-----	8,315,840		1984-----	1,490,354	
1980-----	5,470,302		1985-----	1,309,804	

BUFFALO, NY, DISTRICT

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BUFFALO HARBOR, N. Y. (INCLUDED IN PORT OF BUFFALO)--CONTINUED

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	OVERSEAS		FOREIGN		CANADIAN		DOMESTIC LAKEWISE		LOCAL
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL-----	1,399,804	20,806	82,652	185,950	51,798	1,010,290	40,289			8,023
0107 WHEAT-----	849,555			170,466				679,089		
0129 FIELD CROPS, NEC-----	12		12							
0911 FRESH FISH, EXCEPT SHELLFISH-----	13									13
1091 NONFERROUS UNES, CONCENT, NEC-----	74		74							
1121 COAL AND LIGNITE-----	12,668							12,668		
1442 SAND, GRAVEL, CRUSHED ROCK-----	34,446							34,446		
1499 NONMETALLIC MINERALS, NEC-----	88,461							48,592	40,289	
2011 MEAT, FRESH, CHILLED, FROZEN-----	20			20						
2014 TALLOW, ANIMAL FATS AND OILS-----	1,903		1,903							
2099 MISCELLANEOUS FOOD PRODUCTS-----	14		14							
2211 BASIC TEXTILE PRODUCTS-----	1		1							
2431 VENEER, PLYWOOD, WORKED WOOD-----	3		3							
2631 PAPER AND PAPERBOARD-----	19		19							
2691 PULP AND PAPER PRODUCTS, NEC-----	11									
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	5,764		5,764		100					
2813 ALCOHOLS-----	21		21							
2819 BASIC CHEMICALS AND PROD, NEC-----	128		128							
2821 PLASTIC MATERIALS-----	16		10							
2841 SOAP-----	71				71					
2851 PAINTS-----	719				719					
2872 POTASSIC CHEM FERTILIZERS-----	1,913				1,913					
2911 GASOLINE-----	35,603				12,599			23,004		
2913 KEROSENE-----	3,196							3,196		
2914 DISTILLATE FUEL OIL-----	41,399							41,399		
2920 COKE, PETROLEUM COKE-----	67,779		7,975		51,798					8,010
3111 LEATHER AND LEATHER PRODUCTS-----	1		1							
3241 BUILDING CEMENT-----	146,336							146,336		
3312 SLAG-----	21,360							21,360		
3315 IRON, STEEL SHAPES, EXC SHEET-----	20,492		20,492							
3318 FERROALLOYS-----	22				22					
3322 COPPER ALLOYS, UNWORKED-----	8									
3511 MACHINERY, EXCEPT ELECTRICAL-----	1				1					
3611 ELECTRICAL MACH AND EQUIP-----	17		21		16					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	11		11							
3811 INSTR, TIME, PHOTO, OPT GOODS-----	12				12					
4011 IRON AND STEEL SCRAP-----	66,947		66,947							

NIAGARA RIVER, N. Y. (INCLUDED IN PORT OF BUFFALO)

SECTION INCLUDED: BLACK ROCK CHANNEL NORTH OF THE BLACK ROCK LOCK AND NIAGARA RIVER TO AND INCLUDING AMERICAN OIL CO. DOCK, 0.5 MILE SOUTH OF THE TONAWANDA CITY LINE, THE NORTHERN LIMIT OF THE NIAGARA RIVER SECTION OF THE PORT OF BUFFALO, CONTROLLING AND PROJECT DEPTHS: 21 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	827,653	1981-----	455,607
1977-----	760,021	1982-----	430,150
1978-----	849,964	1983-----	322,642
1979-----	559,084	1984-----	363,912
1980-----	563,579	1985-----	404,965

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	OVERSEAS	FOREIGN		THROUGH NORTHBOUND	THROUGH NORTHBOUND	DOMESTIC LAKEWISE		LOCAL
			EXPORTS	IMPORTS			RECEIPTS	SHIPMENTS	
TOTAL-----	404,965	20,226	72,037	17,397	12,624	4,650	265,400	4,617	8,010
1121 COAL AND LIGNITE-----	23,663						23,663		
1499 NONMETALLIC MINERALS, NEC-----	17,397			17,397					
2911 GASOLINE-----	48,746		15,011		6,142		27,633		
2914 DISTILLATE FUEL OIL-----	29,900		83,414		6,486				
2915 RESIDUAL FUEL OIL-----	51,701		13,612				33,472	4,617	
2918 ASPHALT, TAR, AND BITUMES-----	110,632						110,632		
2920 COKE, PETROLEUM COKE-----	28,236								8,010
3731 SHIPS AND BOATS-----	4,650	20,226				4,650			
TOTAL TON-MILES-----	2,139,141								

Waterborne Commerce of the United States, 1985

PORT OF BUFFALO, N. Y.

SECTION INCLUDED: OUTER HARBOR, LACKAWANNA CANAL, UNION CANAL, BUFFALO RIVER FROM MOUTH TO CONRAIL RY BRIDGE 5.5 MILES, BUFFALO SHIP CANAL, BLACK ROCK CANAL, BLACK ROCK LOCK, BLACK ROCK CHANNEL, NIAGARA RIVER, AND TONAWANDA TO AND INCLUDING BUFFALO OIL TERMINAL, INC. DOCK, LOCATED ABOUT 2,000 FEET NORTH OF TURNING BASIN, TONAWANDA INNER HARBOR, AND TONAWANDA CREEK CHANNEL FROM MOUTH TO MAIN STREET BRIDGE. CONTROLLING AND PROJECT DEPTHS: SEE BUFFALO HARBOR, NIAGARA RIVER AND TONAWANDA.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1976	12,267,468	24	1981	6,181,156	
1977	8,696,209		1982	5,968,173	
1978	9,961,560		1983	2,286,076	
1979	8,840,496		1984	1,854,266	
1980	5,986,470		1985	1,779,481	

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	OVERSEAS		FOREIGN		CANADIAN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	IMPORTS	EXPORTS	IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL	1,779,481	20,806	102,878	257,987	69,191	1,275,690	48,906			8,023
0107 WHEAT	849,555			170,466				679,089		
0129 FIELD CROPS, NEC	12	12								
0911 FRESH FISH, EXCEPT SHELLFISH	13									13
1091 NONFERROUS ORES, CONCENT, NEC	74	74								
1121 COAL AND LIGNITE	106,331							106,331		
1402 SAND, GRAVEL, CRUSHED ROCK	34,646							34,646		
1499 NONMETALLIC MINERALS, NEC	106,278					17,397		48,592	40,289	
2011 MEAT, FRESH, CHILLED, FROZEN	20			20						
2014 TALLOW, ANIMAL FATS AND OILS	1,903		1,903							
2099 MISCELLANEOUS FOOD PRODUCTS	14	14								
2211 BASIC TEXTILE PRODUCTS	1	1								
2431 VENEER, PLYWOOD, WORKED WOOD	3		3							
2431 PAPER AND PAPERBOARD	19	19								
2491 PULP AND PAPER PRODUCTS, NEC	11			11						
2811 CRUDE TAR, OIL, GAS PRODUCTS	5,864		5,764	100						
2813 ALCOHOLS	21	21								
2819 BASIC CHEMICALS AND PROD, NEC	128	128								
2821 PLASTIC MATERIALS	16	6	10							
2841 SOAP	71			71						
2851 PAINTS	719			719						
2872 POTASSIC CHEM FERTILIZERS	1,913			1,913						
2911 GASOLINE	78,247			27,610				50,637		
2913 KEROSENE	3,196							3,196		
2914 DISTILLATE FUEL OIL	84,413			43,814				41,399		
2915 RESIDUAL FUEL OIL	51,701			13,612				33,472	4,617	
2918 ASPHALT, TAR, AND BITUMENS	110,632							110,632		
2920 COKE, PETROLEUM COKE	86,005		28,201							8,010
3241 LEATHER AND LEATHER PRODUCTS	1	1								
3241 BUILDING CEMENT	146,336							146,336		
3312 SLAG	21,360							21,360		
3315 IRON, STEEL SHAPES, EXC SHEET	20,492	20,492								
3318 FERROALLOYS	22			22						
3322 COPPER ALLOYS, UNWORKED	6	6								
3511 MACHINERY, EXCEPT ELECTRICAL	1			1						
3611 ELECTRICAL MACH AND EQUIP	37	21		16						
3711 MOTOR VEHICLES, PARTS, EQUIP	11	11								
3811 INSTR, TIME, PHOTO, OPT GOODS	12			12						
4011 IRON AND STEEL, SCRAP	66,997		66,997							

ROCHESTER (CHARLOTTE) HARBOR, N. Y.

SECTION INCLUDED: GENESEE RIVER FROM MOUTH TO AND INCLUDING GENESEE DOCKS, 3 MILES. CONTROLLING DEPTH: APPROACH AND ENTRANCE CHANNELS 19.0 FEET; LOWER TURNING BASIN 17.0 FEET; REMAINDER OF GENESEE RIVER 11 FEET EXCEPT FOR WESTERLY HALF OF UPPER TURNING BASIN WHICH HAS NOT BEEN MAINTAINED FOR SEVERAL YEARS 4 FEET; AND PORTION OF CHANNEL UPSTREAM OF ROCHESTER PORTLAND CEMENT DOCK, 12 FEET. PROJECT DEPTHS: APPROACH CHANNEL, 24 FEET; ENTRANCE CHANNEL BETWEEN PIERS TO CONRAIL RAILROAD BRIDGE, 23 FEET; REMAINDER OF GENESEE RIVER, 21 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976	210,666	1981	198,633
1977	206,457	1982	192,164
1978	201,138	1983	243,465
1979	210,284	1984	238,591
1980	178,081	1985	282,170

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	
		OVERSEAS	CANADIAN
		IMPORTS	IMPORTS
TOTAL	282,170	66	282,104
2081 ALCOHOLIC BEVERAGES	21	21	

BUFFALO, NY, DISTRICT

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ROCHESTER (CHARLOTTE) HARBOR, N. Y.--CONTINUED

FREIGHT TRAFFIC, 1985--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN	
		OVERSEAS	CANADIAN
		IMPORTS	IMPORTS
3201 BUILDING CEMENT-----	282,101		282,101
3315 IRON, STEEL SHAPES, EXC SHEET-----	22	22	
3511 MACHINERY, EXCEPT ELECTRICAL-----	2	2	
3611 ELECTRICAL MACH AND EQUIP-----	23	20	3
4112 COMMODITIES, NEC-----	1	1	

OSWEGO HARBOR, N. Y.

SECTION INCLUDED: OUTER HARBOR AND OSWEGO RIVER FROM MOUTH TO SENeca STREET. CONTROLLING DEPTHS: LAKE APPROACH CHANNEL, 27 FEET; CHANNEL THROUGH OUTER HARBOR, 24 FEET; EAST AND WEST SIDE OF OUTER HARBOR, 21 FEET; OSWEGO RIVER CHANNEL, 26 FEET. PROJECT DEPTHS: LAKE APPROACH CHANNEL, 27 FEET; CHANNEL THROUGH OUTER HARBOR, 25 FEET; LOWER 1,600 FEET OF OSWEGO RIVER CHANNEL, 24 FEET; REMAINDER OF OSWEGO RIVER CHANNEL AND OSWEGO HARBOR, 21 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976-----	1,014,135	1981-----	1,039,707
1977-----	1,346,112	1982-----	542,128
1978-----	1,215,979	1983-----	354,858
1979-----	1,495,967	1984-----	473,657
1980-----	860,144	1985-----	525,076

FREIGHT TRAFFIC, 1985

(SHORT TONS)

COMMODITY	TOTAL	OVERSEAS		FOREIGN		CANADIAN	DOMESTIC		LOCAL
		IMPORTS	EXPORTS	IMPORTS	EXPORTS		RECEIPTS	SHIPMENTS	
TOTAL-----	525,076	9,950	2	386,638	2,800	24,468	101,217		1
0102 BARLEY AND RYE-----	24,468						24,468		
0911 FRESH FISH, EXCEPT SHELLFISH-----	1								1
1311 CRUDE PETROLEUM-----	7,292			7,292					
2211 BASIC TEXTILE PRODUCTS-----	2,012	2,012							
2872 POTASSIC CHEM FERTILIZERS-----	39,990			39,990					
2915 RESIDUAL FUEL OIL-----	140,295	5,804		118,069				16,422	
2918 ASPHALT, TAR, AND BITUMENS-----	2,800				2,800				
3201 BUILDING CEMENT-----	306,082			221,287				84,795	
3511 MACHINERY, EXCEPT ELECTRICAL-----	2,127	2,127							
3711 MOTOR VEHICLES, PARTS, EQUIP-----	9		7	2					

Waterborne Commerce of the United States, 1985

OTHER HARBORS AND WATERWAYS		COMMODITY	TONS	PASSENGERS
HARBOR OR WATERWAY PROJECT				
BARCELONA HARBOR, N. Y.	0911 FRESH FISH, EXCEPT SHELLFISH	56		
CAPE VINCENT, N. Y.	0911 FRESH FISH, EXCEPT SHELLFISH	1	78,181	
DUNKIRK HARBOR, N. Y.	0911 FRESH FISH, EXCEPT SHELLFISH	126		
GREAT SOD'S BAY HARBOR, N. Y.	NO COMMERCE REPORTED			
KELLEYS ISLAND, OHIO	1442 SAND, GRAVEL, CRUSHED ROCK	449		
	2042 ANIMAL FEEDS	21		
	2094 GROCERIES	239		
	2095 ICE	49		
	2099 MISCELLANEOUS FOOD PRODUCTS	292		
	2511 FURNITURE AND FIXTURES	13		
	2911 GASOLINE	373		
	2914 DISTILLATE FUEL OIL	130		
	2914 ASPHALT, TAR, AND BITUMENS	861		
	2921 LIQUEFIED GASES	64		
	3316 IRON AND STEEL PLATES, SHEETS	1		
	3411 FABRICATED METAL PRODUCTS	181		
	3511 MACHINERY, EXCEPT ELECTRICAL	640		
	4029 WASTE AND SCRAP, NEC	41		
	4112 COMMODITIES, NEC	913		
	TOTAL	4,587	167,972	
NIAGARA FALLS, N. Y.	2911 GASOLINE	6,142		
	2914 DISTILLATE FUEL OIL	6,496		
	TOTAL	12,628		
ODDENSEBURG HARBOR, N. Y.	1091 NONFERROUS ORE, CONCENT, NEC	11,227		
	1411 LIMESTONE	21,320		
	1499 NONMETALLIC MINERALS, NEC	8,913		
	2813 ALCOHOLS	353		
	2819 BASIC CHEMICALS AND PROD, NEC	335		
	2921 PLASTIC MATERIALS	975		
	2922 SYNTHETIC RUBBER	37		
	2991 MISCELLANEOUS CHEMICAL PROD	5		
	3315 IRON, STEEL SHAPES, EXC SHEET	6,746		
	3411 FABRICATED METAL PRODUCTS	648		
	3611 ELECTRICAL MACH AND EQUIP	193		
	3811 INSTR, TIME, PHOTO, OPT GOODS	34		
	4112 COMMODITIES, NEC	262		
	TOTAL	51,066		
PORT CLINTON HARBOR, OHIO	0911 FRESH FISH, EXCEPT SHELLFISH	687		
	1442 SAND, GRAVEL, CRUSHED ROCK	14,364		
	2911 GASOLINE	82		
	2914 DISTILLATE FUEL OIL	22		
	2921 LIQUEFIED GASES	22		
	3511 MACHINERY, EXCEPT ELECTRICAL	49		
	4029 WASTE AND SCRAP, NEC	17		
	4112 COMMODITIES, NEC	5,359		
	TOTAL	20,402	71,141	
SACKETT HARBOR, N. Y.	NO COMMERCE REPORTED			
TONAWANDA HARBOR, N. Y. (INCLUDED IN PORT OF BUFFALO)	NO COMMERCE REPORTED			
VERMILION HARBOR, OHIO	0911 FRESH FISH, EXCEPT SHELLFISH	27		
WATERLOO HARBOR, N. Y.	NO COMMERCE REPORTED			

ROCK ISLAND, IL, DISTRICT

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ILLINOIS RIVER, ILL. (INCLUDED IN THE
ILLINOIS WATERWAY CONSOLIDATED)

SECTION INCLUDED: MOUTH OF ILLINOIS RIVER, GRAFTON, ILLINOIS, TO LOCKPORT, ILLINOIS, 291.0 MILES. CONTROLLING AND PROJECT DEPTHS: 9 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1976	43,065,859	1981	39,764,349
1977	40,830,496	1982	39,471,855
1978	37,251,157	1983	41,028,849
1979	35,150,250	1984	37,085,576
1980	41,703,337	1985	36,534,770

* PASSENGERS--59,966.

FREIGHT TRAFFIC, 1985

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL							
		UPBOUND	INBOUND	OUTBOUND	THROUGH	DOWNBOUND	THROUGH	DOWNBOUND	THROUGH
TOTAL	36,534,770	90,800	5,014,558	4,190,270	5,654,827	432,234	661,031	14,917,111	3,573,939
0103 CORN	11,517,625	1,585	4,129			5,310		11,143,020	363,581
0106 SORGHUM GRAINS	94,995	1,654	82,926					10,415	2,980
0107 WHEAT	405,928		4,589		7,906			316,265	77,168
0111 SOYBEANS	2,999,749			6,991		2,850		2,676,670	313,238
0911 FRESH FISH, EXCEPT SHELLFISH	2,710								
0931 MARINE SHELLS, UNMANUFACTURED	10,402				10,402				2,980
1011 IRON ORE AND CONCENTRATES	204,880				20,841				
1051 ALUMINUM ORES, CONCENTRATES	12,841				22,569				1,400
1061 MANGANESE ORES, CONCENTRATES	23,969				1,400				1,470
1091 NONFERROUS ORES, CONCENT., NEC	2,670								1,400
1121 COAL AND LIGNITE	4,997,196	69,516	1,139,332	2,840,779	944,725	1,444			58,216
1311 CRUDE PETROLEUM	68,123				1,732			8,175	
1411 LIME	6,197		1,657		4,540				
1442 SAND, GRAVEL, CRUSHED ROCK	1,516,720	1,345	11,140	776,250	79,370	2,700	515,700	130,215	
1451 CLAY	9,294				5,794				3,500
1471 PHOSPHATE ROCK	56,066		56,066						
1479 NATURAL FERTILIZER MATS, NEC	1,583		1,583						
1493 SULPHUR, LIQUID	2,800							2,800	
1494 GYPSUM, CRUDE AND PLASTER	21,755		21,755						
1499 NONMETALLIC MINERALS, NEC	861,628		301,213	4,184	490,106		1,350	3,108	1,667
2014 TALLOW, ANIMAL FATS AND OILS	70,706								70,706
2042 ANIMAL FEEDS	917,371		27,165		1,400			831,241	57,565
2049 GRAIN MILL PRODUCTS, NEC	197,861							184,835	13,426
2061 SUGAR	39,687				39,687				
2062 MOLASSES	43,922		8,534		31,264			4,120	
2091 VEGETABLE OILS, MARG, SHORT	50,412		16,851		2,804			24,506	6,251
2421 LUMBER	5,935				5,935				
2431 VENEER, PLYWOOD, WORKED WOOD	11,174				11,174				
2491 WOOD MANUFACTURES, NEC	1,188				1,188				
2611 PULP	10,920				10,920				
2631 PAPER AND PAPERBOARD	24,969				24,969				
2691 PULP AND PAPER PRODUCTS, NEC	3,940				3,940				
2810 SODIUM HYDROXIDE	380,414				380,414				
2811 CRUDE TAR, OIL, GAS PRODUCTS	172,954		64,200		15,130		7,524	4,248	61,762
2813 ALCOHOLS	599,926		50,849	107,890	236,515	57,172		146,805	24,771
2817 BENZENE AND TOLUENE	56,533		8,550		20,537			2,686	
2818 SULPHURIC ACID	2,000							2,300	
2819 BASIC CHEMICALS AND PROD., NEC	1,406,054		1,006,079	13,494	312,372		9,790	21,849	42,430
2871 NITROGENOUS CHEM FERTILIZERS	696,423	3,075	313,180	83,118	211,670	36,294		27,250	23,636
2872 POTASSIC CHEM FERTILIZERS	143,342	1,501	178,157		1,400	1,502		742	
2873 PHOSPHATIC CHEM FERTILIZERS	78,285		56,420	1,730	20,135				
2879 FERTILIZER AND MATERIALS, NEC	397,018		364,008		8,949	10,274		13,783	
2891 MISCELLANEOUS CHEMICAL PROD.	39,967				27,654			8,448	3,861
2911 GASOLINE	906,313		204,619	3,955	81,456	221,557	8,100	241,268	139,863
2912 JET FUEL	40,353		6,014		19,783	2,478		12,074	
2913 KEROSENE	70,385		3,424		26,613			40,554	
2914 DISTILLATE FUEL OIL	629,369		187,671	27,935	20,654	44,111	4,257	103,824	36,893
2915 RESIDUAL FUEL OIL	1,140,876		494,468	37,091	65,348		4,861	150,731	388,437
2916 LUBRICATING OILS AND GREASES	547,150		66,900		23,766		1,400		75,794
2917 NAPHTHA, PETROLEUM SOLVENTS	155,402		42,775		43,244			2,724	26,659
2918 ASPHALT, TAR, AND BITUMENS	522,807	8,739	139,251		167,653	3,092		17,569	188,303
2920 COKE, PETROLEUM COKE	1,342,536		7,797	276,223	202,713	24,644	32,042	402,100	436,967
2991 PETROLEUM AND COAL PROD., NEC	14,479				200				14,279
3241 BUILDING CEMENT	477,637		15,050		462,587				
3271 LIME	158,487		62,837		98,164				1,486
3281 CUT STONE AND STONE PRODUCTS	7,200				7,200				
3291 MISC NONMETALLIC MINERAL PROD.	1,400				1,400				
3311 PIG IRON	46,360				44,060				1,400
3312 SLAG	206,941			5,454	145,965		9,436	1,600	44,086
3314 IRON AND STEEL PRIMARY FORMS	256,331		12,354	1,400	127,375			3,767	111,435
3315 IRON, STEEL SHAPES, EXC SHEET	199,772		13,496	945	272,256		13,074	75,196	124,763
3316 IRON AND STEEL PLATES, SHEETS	367,727		7,937	933	70,423		2,149	34,482	187,763
3317 IRON AND STEEL PIPE AND TUBE	74,555		4,641		68,514				1,400
3318 FERRALLOIDS	157,529		1,600		154,929				1,400
3319 IRON AND STEEL PRODUCTS, NEC	118,816		549		37,439		5,363	5,994	69,457
3321 NONFERROUS METALS, NEC	10,639			958	9,681				
3323 LEAD AND ZINC, UNWORKED	7,625				7,625				
3324 ALUMINUM AND ALLOYS, UNWORKED	19,176				19,176				
3411 FABRICATED METAL PRODUCTS	64,244		1,776		54,342				8,176
3511 MACHINERY, EXCEPT ELECTRICAL	28,571		1,400	500	21,671				5,000

SECTION 2
TRIPS AND DRAFTS OF VESSELS

ST. PAUL MN, DISTRICT (GREAT LAKES PORTION)

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	INBOUND			OUTBOUND		
	DRAFT - FEET	NO. OF VESSELS	TOTAL TONNAGE	DRAFT - FEET	NO. OF VESSELS	TOTAL TONNAGE
YAD HARBOR (AGATE BAY), MINN.						
29	1		1	40		50
28				40		78
27		7	7	42	7	40
26		22	22	9	22	31
25			24	24		1
24	58	1	50	2		3
23	1		7			
22	22		27	1		1
21	29		29	1		1
20	15		15	1		1
19	13		13			
18	24		24			
12 AND LESS	255		255	255		255
TOTAL	418	30	478	410	37	470
DULUTH-SUPERIOR HARBOR, MINN. AND WIS.						
30				2		2
29			43	64		64
28	53		53	200		200
27	27	2	27	157	2	150
26	26		26	202		202
25	17		17	22		23
24	67	2	62	71	2	75
23	97		101	74		76
22	121		121	34		34
21	65		65	34		34
20	235	2	237	27		26
19	67		67	7		7
18	129	1	131	13		13
17	104		104	34		34
16	130	1	131	10	2	12
15	9		9	3		4
14	8		8	97		91
13	1	1	2	1	1	1
12 AND LESS	1,319	134	1,354	1,312	131	1,404
TOTAL	2,408	136	2,617	2,463	133	2,611
ASHLAND HARBOR, WIS.						
TOTAL, 24 AND LESS	52		52	52		52
RAYFIELD HARBOR, WIS.						
TOTAL, 5 AND LESS	2,615		2,615	2,612		2,612
HEAVER BAY HARBOR, MINN.						
TOTAL, 5 AND LESS	413		413	413		413
CHIPPEWA HARBOR (ISLE ROYALE), MICH.						
TOTAL, 5 AND LESS	157		157	157		150
CORNWALL HARBOR, WIS.						
TOTAL, 5 AND LESS	348		348	348		348
GRAND MARAIS HARBOR, MINN.						
TOTAL, 5 AND LESS	311		311	311		311
KNIFE RIVER HARBOR, MINN.						
TOTAL, 5 AND LESS	358		358	358		358
LA POINTE HARBOR, WIS.						
TOTAL, 5 AND LESS	36		36	36		36
LUTSEY HARBOR, MINN.						
TOTAL, 5 AND LESS	19		19	19		19
PORT WIND HARBOR, MINN.						
TOTAL, 5 AND LESS	654		654	656		656
HARBOR, HARBOR, MINN.						
TOTAL, 5 AND LESS	120		120	120		120
SILVER BAY, MINN.						
TOTAL, 24 AND LESS	260		260	260		260
TACONITE HARBOR, MINN.						
TOTAL, 24 AND LESS	209		209	208		208

Waterborne Commerce of the United States, 1985
CHICAGO, IL, DISTRICT

TRIPS AND DRAFTS OF VESSELS

WATERWAY	DRAFT FEET				DIRECTION				TOTAL			
	22	21	20	19	18	17	16	15	14	13	12 AND LESS	TOTAL
LAKE MICHIGAN HARBOR, ILL.					INBOUND							
22	2	3	6	24	5	5	1	1	1	1	1	2
21	3	6	24	5	5	5	1	1	1	1	1	3
20	6	24	5	5	5	5	1	1	1	1	1	8
19	24	5	5	5	5	5	1	1	1	1	1	6
18	5	5	5	5	5	5	1	1	1	1	1	2
17	5	5	5	5	5	5	1	1	1	1	1	17
16	1	7	1	1	1	1	1	1	1	1	1	2
15	1	1	1	1	1	1	1	1	1	1	1	17
14	1	1	1	1	1	1	1	1	1	1	1	132
13	1	1	1	1	1	1	1	1	1	1	1	170
12 AND LESS	106	1	13	120	120	120	2	10	10	10	10	170
TOTAL	152	9	13	174	152	8	10	10	10	10	10	170
CHICAGO RIVER (MAIN AND NORTH BRANCH), ILL.					UPBOUND				DOWNBOUND			
21	1	1	1	1	1	1	1	1	1	1	1	2
20	1	1	1	1	1	1	1	1	1	1	1	4
19	1	1	1	1	1	1	1	1	1	1	1	1
18	2	2	10	1	5	1	4	5	5	5	5	6
17	1	1	2	4	12	1	2	1	3	3	3	6
16	1	1	4	4	7	1	3	1	1	1	1	3
15	1	1	1	1	4	1	3	1	1	1	1	4
14	1	1	1	1	5	1	4	1	1	1	1	8
13	1	1	1	1	5	1	4	1	1	1	1	2,274
12 AND LESS	749	525	839	176	2,289	739	512	853	171	2,274	2,274	2,309
TOTAL	751	4	542	846	180	2,323	739	526	854	183	2,309	2,309
CHICAGO RIVER, SOUTH BRANCH, ILL.					UPBOUND				DOWNBOUND			
27	1	1	1	1	2	1	1	1	1	1	1	1
26	1	1	1	1	13	1	6	5	5	5	5	11
25	1	1	1	1	6	1	2	1	3	3	3	6
24	1	1	1	1	4	1	3	1	1	1	1	3
23	1	1	1	1	4	1	3	1	1	1	1	1
22	1	1	1	1	4	1	3	1	1	1	1	7
21	1	1	1	1	4	1	3	1	1	1	1	1
20	1	1	1	1	4	1	3	1	1	1	1	1
19	1	1	1	1	4	1	3	1	1	1	1	1
18	1	1	1	1	4	1	3	1	1	1	1	1
17	1	1	1	1	4	1	3	1	1	1	1	1
16	1	1	1	1	4	1	3	1	1	1	1	1
15	1	1	1	1	4	1	3	1	1	1	1	1
14	1	1	1	1	4	1	3	1	1	1	1	1
13	1	1	1	1	4	1	3	1	1	1	1	1
12 AND LESS	574	504	1,125	141	2,344	564	529	1,121	176	2,344	2,344	2,344
TOTAL	575	523	1,131	144	2,473	564	545	1,127	181	2,417	2,417	2,417
CHICAGO SANITARY AND SHIP CANAL, ILL.					UPBOUND				DOWNBOUND			
TOTAL, 12 AND LESS	145	1	2,224	6,974	1,987	11,331	136	2,123	7,102	1,983	11,344	11,344
LAKE CALUMET CHANNEL, ILL.					UPBOUND				DOWNBOUND			
27	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1
12 AND LESS	134	1	584	2,763	743	3,526	146	543	2,115	403	3,622	3,622
LAKE CALUMET, ILL.					INBOUND				OUTBOUND			
27	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1
12 AND LESS	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL	84	19	101	212	211	627	67	20	84	223	200	594
LAKE CALUMET HARBOR AND RIVER, ILL. AND IND.					INBOUND				OUTBOUND			
27	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1
12 AND LESS	135	20	5	140	54	54	1	1	1	1	1	54

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY			DIRECTION			DRAFT FEET			DRAFT FEET		
DRAFT - FEET -	EASTBOUND		WESTBOUND		TOTAL	EASTBOUND		WESTBOUND		TOTAL	
	TANKER	TOTAL	TANKER	TOTAL		TANKER	TOTAL	TANKER	TOTAL		
CALUMET HARBOR AND RIVER, ILL. AND IND.--(CONTINUED)											
	EASTBOUND					WESTBOUND					
19 -	40	3		1	44	27	1		1	32	
18 -	95	3		3	101	56	1		3	60	
17 -	13		24	1	34	18		32	4	54	
16 -	15	8	35	1	59	8	1	48	4	67	
15 -	14	1	29		45	4		21	1	29	
14 -	6	1		1	10	6		2		10	
13 -	1			1	2	18				18	
12 AND LESS -	142	4	590	2,012	3,160	155	1	557	1,982	3,138	
TOTAL -	720	45	678	2,022	3,885	771	42	660	1,988	3,926	
ILLINOIS WATERWAY, ILL.											
	UPBOUND					DOWNBOUND					
50 -				1	1					1	
27 -									1	1	
20 -				5	5				4	4	
19 -									1	1	
18 -											
17 -			18	1	19	1				1	
16 -			2	5	7			10	4	15	
15 -			2		2			2	7	13	
14 -								6	1	7	
13 -										2	
12 AND LESS -		1	2	1	4		5		2	7	
TOTAL -	675	2	4,111	16,389	3,472	955	2	4,095	18,202	3,521	
TOTAL -	675	2	4,134	16,402	3,475	956	2	4,118	18,213	3,537	
INDIANA HARBOR, IND.											
	INBOUND					OUTBOUND					
31 -	26				26						
30 -	2				2						
29 -	37				37						
28 -	124				124						
27 -	136				136						
26 -	39				39						
25 -	3				3						
24 -	1				1						
23 -	2				2						
22 -	4	2		4	10						
21 -	7	1	1	1	15				4	36	
20 -	9		1	8	18				20	107	
19 -	2	7		1	10				13	152	
18 -					3				1	54	
17 -			17	6	23					40	
16 -		1	62	2	66			11	7	25	
15 -		3	14		25			70	1	85	
14 -					4			1	14	32	
13 -	2	9	3	23	37			3		15	
12 AND LESS -		1	1	2	4					6	
TOTAL -	224	38	203	263	295	224	2	186	255	335	
TOTAL -	617	62	302	266	352	597	57	284	256	412	
BURNS WATERWAY - HARBOR, IND.											
	INBOUND					OUTBOUND					
28 -	32				32						
27 -	81				81						
26 -	72				72						
25 -	19				19						
24 -	15				15						
23 -	6				6						
22 -	13				13						
21 -	15				15						
20 -	9				9						
19 -	19				19						
18 -	13				13						
17 -	3				3						
16 -											
15 -											
14 -											
13 -											
12 AND LESS -			2		2						
TOTAL -	597		21	475	42	599		27	475	47	
TOTAL -	902		23	476	42	905		35	475	40	

Waterborne Commerce of the United States, 1945

CHICAGO, IL, DISTRICT

TRIPS AND DRAFTS OF VESSELS

WATERWAY	DIRECTION			DRAFT		
	IN	OUT	TOTAL	IN	OUT	TOTAL
CHICAGO HARBOR, ILL. TOTAL, 23 AND LESS - - - - -	4,281	129	4,410	4,282	102	4,384
MICHIGAN CITY HARBOR, IND. TOTAL, 5 AND LESS - - - - -	1,327		1,327	1,327		1,327
BUFFINGTON HARBOR, IND. TOTAL, 27 AND LESS - - - - -	64	3	67	71		71
SARY HARBOR, IND. TOTAL, 29 AND LESS - - - - -	123	29	152	114	29	143

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[illegible]

DETROIT, MI, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DRAFT (FEET)				
	TOWARD		FROM		TOTAL	TOWARD		FROM		TOTAL
	IN	OUT	IN	OUT		IN	OUT	IN	OUT	
SPRAYS HEEP PASSAGE, MICH.--(CONTINUED)										
23	169	2	25		195	1				1
22	169	5	4	1	181	4	1			5
21	140	6	2	9	159	4	2			6
20	269	25	A	8	305	3			1	4
19	115	14		2	136	4	4		2	10
18	175	5		8	191	4	1			5
17	87	5		4	93	1	2			4
16	34	13	50	6	108	1		A	1	9
15	27	9	14	9	43	1				1
14	14	9	3	2	36	31				31
13	62	1	1	3	69					
12 AND LESS	34	2	45	18	144	2	1	1		4
TOTAL	1,637	104	152	72	2,057	56	11	9	4	80
MANISTEE HARBOR, MICH.										
22						1				1
21	8				8	1				1
20	7		1		8	1				1
19	3				3	1				1
18	3				3	3				3
17	1				1	A				A
16						3			1	4
15						1				1
14						1				1
12 AND LESS	5		1		6	4		1		5
TOTAL	27		1	1	29	24		1	1	26
LUDINGTON HARBOR, MICH.										
28	2				2					
27	2				2					
26	3				3					
25	1				1	1				1
24						1				1
23	1				1	1				1
22						4		A		10
21						1		1		2
20	1				1	2		2	1	5
19		2			2	1				1
18	424	2		1	427	421			5	426
17			10		10	2	1	1A		21
16	2	2	6	1	11			6		6
15			6		6	2	1	2		5
14						2		2		2
12 AND LESS	105	8	19	64	196	105		19	2	185
TOTAL	541	14	41	1	662	541	13	45	8	664
MUSKEGON HARBOR, MICH.										
24	1				1					
23	3				3					
22	2				2	2				2
21	3				3	1				1
20	3				3	4				4
19	10				10	10				10
18	27				27					
17	5				5	1				1
16	1		1		2	1				1
15	1				1	20				20
14	1				1	17				17
13	3				3	6			1	7
12		15			15			15		15
11	1			1	1	4		4		4
10		1			1	1		2	1	4
9		1			1	2		2		4
12 AND LESS	182	18	30	5	235	181		18	31	234
TOTAL	244	39	30	7	320	244		41	31	324
WASHTENAW HARBOR AND WASHTENAW LAKE, MICH.										
24	1				1	1				1
23	6				6	A				A
22	31				31	35				35
21	17				17	4				4
20	11				11	4				4
19	25				25	4				4
18	5				5	4				4
17	2				2	11				11
16						2				2
15	2		1		3	10		1		11
14	8				8	A				A
13						7				7
12	1		1	1	4	13				13
11					2			1	2	6
10										
12 AND LESS	111	2	1	1	115	111		4	2	114

DETROIT, MI, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DRAFT				
	SELF-PROPELLED VESSELS		TUGS		TOTAL	SELF-PROPELLED VESSELS		TUGS		TOTAL
DRAFT (FEET)	FAIRWAY	TANKER	WATER	WATER		FAIRWAY	TANKER	WATER	WATER	
	NO. OF VESSELS		NO. OF VESSELS			NO. OF VESSELS		NO. OF VESSELS		
HOLLAND HARBOR, MICH.										
23 -	5				5	1				1
22 -	4				4	6				6
21 -	12				12	3			3	3
20 -	9				11	8			3	11
19 -	2			2	2	1				1
18 -						6				6
17 -						4		2		6
16 -	2		1	2	5	4		1	1	6
15 -						1				1
14 -			1		1			1		1
13 -	1				1	2		1		3
12 -	1				1			1		1
11 -	4				4			4		4
10 -										
9 -				1	1				2	2
TOTAL -	34		4	5	51	36		10	9	55
ST. JOSEPH HARBOR, MICH.										
23 -	1				1					
22 -	35				35					
21 -	11				11					
20 -	5				5	3				3
19 -						11				11
18 -						12				12
17 -						9				9
16 -						2				2
15 -						3				3
14 -						5				5
13 -						6				6
12 AND LESS -										
TOTAL -	52				52	51				51
MILWAUKEE HARBOR, WIS.										
23 -	3				3	1				2
22 -	17				17	14				14
21 -	12	1			11	49	1			50
20 -	5	2			8	11				11
19 -	17				17	24				24
18 -	19	1			20	17	2			19
17 -	26	3		5	34	22	1		1	24
16 -	59			2	61	15	1		1	17
15 -	39	2		7	48	12	1		5	18
14 -	43	2			45	11				11
13 -	14	1			20	19				19
12 -	11			1	14	6				6
11 -	4				14	6	1	4	4	17
10 -	12	1	2	3	15	7	2	2		11
9 -	3		2	1	7	25	7	1	1	34
8 -	15				15	63				63
12 AND LESS -	1,436		30	22	1,494	1,634		24	21	1,693
TOTAL -	1,935	15	35	40	2,036	1,936	16	35	36	2,033
SHEBOYGAN HARBOR, WIS.										
24 -	1				1					
23 -	9				9	7				7
22 -	13				13					
21 -	4				4	55				55
20 -	2				2	16				16
19 -	3				3	1				1
18 -						2				2
17 -			2		2	2				2
16 -			2		2			2		2
15 -	1				1					
14 -	46				46					
13 -	452				452	552			4	603
12 AND LESS -			6	7	645				7	648
TOTAL -	735		10	7	752	735		6	7	748
KEWAUNEE HARBOR, WIS.										
18 -	420				420	420				420
12 AND LESS -	55				55	55				55
TOTAL -	475				475	475				475
GREEN BAY HARBOR, WIS.										
26 -	4				4	2				2
25 -	5				5	5	1			6
24 -	17				17	5	1			4
23 -	14	2			16	5				5
22 -	33	3		1	37	4	2			10
21 -	39				39	9			2	11
20 -	41	5		4	46	13	3		2	19
19 -	17	1			18	15	1		1	17
18 -	4	1			5	40	1		1	42
17 -	2	1			3	27	2	1	1	30
16 -	1		10	2	13	18				31
15 -			3		3	4		3		7
14 -					2		1			1

Waterborne Commerce of the United States, 1985

DETROIT, MI, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF-PROPELLED VESSELS		NON-SELF-PROPELLED VESSELS		TOTAL	SELF-PROPELLED VESSELS		NON-SELF-PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND CARRY	TANKER	OTHER	TANKER		PASSENGER AND CARRY	TANKER	OTHER	TANKER	
GREEN BAY HARBOR, WIS. (CONTINUED)										
13 -						7				7
12 AND LESS -	1,249		11		1,260	1,269	2	12	1	1,295
TOTAL -	1,429	13	25	7	1,490	1,425	14	25	7	1,497
ALPENA HARBOR, MICH.										
27 -	1				1					1
26 -						53				53
25 -						10				10
24 -	2				2	7				7
23 -	11				11	86				86
22 -	12				12	35				35
21 -	5				5	11				11
20 -	3				3	12				12
19 -	1				1	16				16
18 -	67			2	69	15				15
17 -	5		2		7	4		5		9
16 -			2		2	1				1
15 -	65		1		67	1		1		2
14 -	171			6	177	96				103
13 AND LESS -										
TOTAL -	345	5	8	8	358	348	6		7	361
SAGINAW RIVER, MICH.										
27 -	1				1					1
26 -		2			2					2
25 -	37				37	1				1
24 -	44				44	6				6
23 -	47				47	17				17
22 -	44	12		1	57	21	8			29
21 -	27	4			31	15	1			16
20 -	26	8		1	29	48				48
19 -	9	6			15	9	6			15
18 -	15	1			23	47	2		2	51
17 -	5			6	11	23				23
16 -	1	2	7		10	22	6	5	1	34
15 -			4	1	5	7	1	8		12
14 -		3			3	7				7
13 -	1				1	15	1		1	16
12 AND LESS -	53	2	12	1	78	62	18	12	1	114
TOTAL -	305	41	23	3	394	300	44	21	3	391
ST. CLAIR RIVER, MICH.										
30 -	1				1	2				2
29 -	20				20	136				136
28 -	105				105	341				341
27 -	67				67	241			2	243
26 -	74	2	2		78	327				327
25 -	47				47	107	1	1		109
24 -	137	2			140	70			2	142
23 -	205	2		2	209	187				187
22 -	261	14		3	278	145	7			152
21 -	202	6		1	212	92	12		1	205
20 -	281	11		10	306	88	12		8	306
19 -	118	29			148	19	14			34
18 -	102	1	1		105	81	2			83
17 -	165	3		17	185	43	1		1	87
16 -	37	2	34	4	77	10	6	44	4	69
15 -	34	1	23		62	13	4	17		34
14 -	60	6	1	1	72	3	12	1		23
13 -	22	1			23	5				23
12 AND LESS -	24,432	19	147	6	24,717	24,408	26	144	4	24,713
TOTAL -	26,367	99	204	24	26,843	26,367	100	204	25	26,859
PORT HURON, MICH.										
27 -	1				1					1
26 -	5				5	1				1
25 -	4				4	2				2
24 -	3				3					3
23 -	3				3					3
22 -	4				4	2				2
21 -	1				1	2				2
20 -						1				1
19 -	1				1	13				13
18 -	5			1	6	1				2
17 -						3			1	3
16 -	1		16		17	5		10		15
15 -			4	1	5			4		4
14 -			2	1	3			2		2
13 -			3		3			5		5
12 AND LESS -	24	1	5	1	31	24		10	1	35
TOTAL -	56	1	24	1	82	55		31	2	88
ST. CLAIR, MICH.										
27 -	106				106	10				10
26 -	4				4	9				9
25 -	2				2					2

DETROIT, MI, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION				
	SELF-PROPELLED VESSELS			NON SELF-PROPELLED VESSELS		SELF-PROPELLED VESSELS			NON SELF-PROPELLED VESSELS	
DRAFT (FEET)	TANKER	WHEAT	WHEAT	WHEAT	TOTAL	TANKER	WHEAT	WHEAT	TANKER	TOTAL
ST. CLAIR, MICH.--(CONTINUED)										
24	1				1	2				2
23						33				33
22	3				3	6				6
21	4				4	4				4
20	4				4	34				34
19						4				4
18	2				2	15				15
17						3				3
16						1				1
15						1				1
14						1				1
13						1				1
12 AND LESS	5		1	42	1	5		1	1	6
TOTAL	131		43	1	195	129		43	1	193
MARINE CITY, MICH.										
27	1				1					
26	9				9					
25	3				3					
24	1				1					
23						1				1
21	1				1	3				3
20	1				1	3				3
19						4				4
18						1				1
17						1				1
16						1				1
7	14,131				14,131	14,131				14,131
TOTAL	14,147				14,147	14,144				14,144
CHANNELS IN LAKE ST. CLAIR										
40						1				1
30	1				1	97				97
29	20				20	297				297
28	106				106	65				65
27	65				65	76				76
26	73				73	320				320
25	39				39	136				136
24	134				134	75				75
23	201				201	154				154
22	224				224	164				164
21	173				173	104				104
20	217				217	103				103
19	91				91	43				43
18	132				132	24				24
17	167				167	34				34
16	36				36	10				10
15	34				34	10				10
14	60				60	3				3
13	22				22	3				3
12 AND LESS	32				32	15				15
TOTAL	1,431		64	158	2,222	1,830		67	160	2,192
DETROIT RIVER, MICH.										
29	21				21	98				98
28	107				107	296				296
27	66				66	740				740
26	95				95	325				325
25	42				42	139				139
24	122				122	106				106
23	274				274	152				152
22	344				344	152				152
21	242				242	101				101
20	224				224	133				133
19	93				93	70				70
18	107				107	88				88
17	180				180	143				143
16	43				43	73				73
15	13				13	27				27
14	702				702	791				791
13	21				21	4				4
12 AND LESS	1,127				1,127	1,091				1,091
TOTAL	3,934		112	242	5,073	3,934		107	276	5,050
DETROIT HARBOR, MICH.										
24	30				30	26				26
23	11				11	7				7
22	64				64	9				9
21	25				25	6				6
20	19				19	25				25
19	26				26	31				31
18	37				37	47				47
17	42				42	44				44
16	40				40	53				53
15	17				17	27				27
14	12				12	14				14
13	20				20	22				22
12	7				7	13				13
11	14				14	25				25
10	777				777	785				785

DETROIT, MI, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DRAFT (FEET)					DIRECTION					TOTAL
	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL					
DETROIT HARBOR, MICH.--(CONTINUED)																
13 - - - - -	20		20			44	28	1	20			2	51			
12 AND LESS - - - - -	49	2	442	659	33	1,165	61	2	484	639	32	1,178				
TOTAL - - - - -	1,218	14	470	645	34	2,381	1,222	14	471	646	34	2,387				
ROUGE RIVER, MICH.																
25 - - - - -	203					204	64						64			
24 - - - - -	16					16	12						12			
23 - - - - -	74					75	30						30			
22 - - - - -	100					104	87	1					88			
21 - - - - -	65	2				67	63	2					65			
20 - - - - -	70	4				75	64	3					79			
19 - - - - -	24	10				38	31	12		7	1		43			
18 - - - - -	12	3				15	46					1	47			
17 - - - - -	6	1	3			10	156	1	4			1	162			
16 - - - - -	10	1	7	7	4	29	5	3	7	11	16	4	43			
15 - - - - -	3	1	7		3	14	23	1	9		5		38			
14 - - - - -	7	1	3		1	12	5	4	3	4	16		16			
13 - - - - -	4				2	6	5	2	3		15		15			
12 AND LESS - - - - -	9	12	414	526	250	1,021	3	4	412	523	248	994				
TOTAL - - - - -	611	35	438	151	260	1,699	600	37	438	645	276	1,696				
ECORSE, MICH.																
20 - - - - -	70	1				80	83						83			
19 - - - - -	7	3				10	4	2					6			
18 - - - - -	14	1				19	11		1				12			
17 - - - - -	17					21	20						20			
16 - - - - -	6		2	1	3	8	12		4				16			
15 - - - - -	2	3	1			6	3		1				4			
14 - - - - -	12					12	24	2	1	1	28		3			
13 - - - - -					3	3		3					3			
12 AND LESS - - - - -	11	4	103	1	188	307	2	9	98	2	180	291				
TOTAL - - - - -	152	12	106	2	190	466	159	16	105	3	180	463				
TRENTON, MICH.																
26 - - - - -	32					32										
27 - - - - -	3					3										
25 - - - - -	1					1	1						1			
23 - - - - -							1						1			
21 - - - - -							1						1			
19 - - - - -							7						7			
18 - - - - -							16						16			
17 - - - - -						6	0	7					13			
16 - - - - -						2	2	12	1				15			
15 - - - - -						7	1		3				4			
14 - - - - -						1										
13 - - - - -						2										
12 AND LESS - - - - -	1,067	21				1,088	1,066				10		1,076			
TOTAL - - - - -	1,103	21	4	10	1,142	1,106	19	7			10		1,147			
PORT OF DETROIT, MICH.																
29 - - - - -	14					18										
28 - - - - -	79					78	26						26			
27 - - - - -	46					46	10						10			
26 - - - - -	175	1				176	85	2					87			
25 - - - - -	75	4				83	20	3					23			
24 - - - - -	67	2				69	52	2					54			
23 - - - - -	110					112	72						72			
22 - - - - -	172	1				180	127	1					128			
21 - - - - -	113	2				115	118	2					120			
20 - - - - -	105	5				121	137	3					140			
19 - - - - -	40	14				59	69	16		7	1		85			
18 - - - - -	36	4				40	93	1	1		1		94			
17 - - - - -	56	1	4	1	9	73	190	9	12	1	1		213			
16 - - - - -	23	1	10	7	5	46	34	15	12	11	16		48			
15 - - - - -	14	5	15		5	39	56	1	10		5		72			
14 - - - - -	791	0	3		3	801	810	5	14				844			
13 - - - - -	29		23		4	56	34	5	25		4		60			
12 AND LESS - - - - -	1,137	38	900	965	327	3,367	1,130	17	891	966	325	3,329				
TOTAL - - - - -	3,072	83	957	292	351	5,457	3,072	83	957	990	351	5,460				
MONROE HARBOR, MICH.																
21 - - - - -	26					26	6						6			
20 - - - - -	2					3	5						5			
19 - - - - -	2					2	1						1			
18 - - - - -							4						4			
17 - - - - -							14						14			
16 - - - - -																
15 - - - - -																
14 - - - - -																
13 - - - - -																
12 - - - - -																
11 - - - - -																
10 - - - - -																
9 - - - - -																
8 - - - - -																
7 - - - - -																
6 - - - - -																
5 - - - - -	38					38	38			2			38			

DETROIT, MI, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION				DIRECTION			
	SELF-PROPELLED VESSELS			TOTAL	SELF-PROPELLED VESSELS			TOTAL
DRAFT (FEET)	PASSENGER AND TUGS	TANKER	TUGS AND BARGE		PASSENGER AND TUGS	TANKER	TUGS AND BARGE	
MONROE HARBOR, MICH.--(CONTINUED)								
4 - - - - -				2				OUTBOUND
TOTAL - - - - -	65	5	5	75	65	5	5	77
ALGOMA HARBOR, WIS.								
TOTAL, 5 AND LESS - - - - -	300			300	300			OUTBOUND
ALGONAC, MICH.								
TOTAL, 7 AND LESS - - - - -	12,727			12,727	12,727			OUTBOUND
AU SABLE HARBOR AND RIVER (OSCEOLA), MICH.		NO VESSEL TRIPS	REPORTED					
BIG BAY HARBOR, MICH.		NO VESSEL TRIPS	REPORTED					
BLACK RIVER HARBOR, MICH.		NO VESSEL TRIPS	REPORTED					
CASEVILLE, MICH.								
TOTAL, 5 AND LESS - - - - -	5			5	5			OUTBOUND
CEDAR RIVER HARBOR, MICH.								
TOTAL, 5 AND LESS - - - - -	658			658	658			OUTBOUND
CHARLEVOIX HARBOR, MICH.								
TOTAL, 20 AND LESS - - - - -	248	1		252	248	1		OUTBOUND
CHEBOYGAN HARBOR, MICH.								
TOTAL, 21 AND LESS - - - - -	954	2	20	1,002	954	1	25	OUTBOUND
DETROIT, MICH., AND VICINITY								
TOTAL, 23 AND LESS - - - - -	9,995		15	9,911	9,995		11	OUTBOUND
DETROIT HARBOR, WIS.								
TOTAL, 9 AND LESS - - - - -	4,260			4,260	4,260			OUTBOUND
EAGLE HARBOR, MICH.		NO VESSEL TRIPS	REPORTED					
FRANKFORT HARBOR, MICH.								
TOTAL, 19 AND LESS - - - - -	2	7		17	2	8		OUTBOUND
GLADSTONE HARBOR, MICH.								
TOTAL, 22 AND LESS - - - - -	4	24	7	34	5	24	5	OUTBOUND
GRAND MARAIS HARBOR (HARBOR OF REFUGE), MICH.								
TOTAL, 16 AND LESS - - - - -	4	3		13	2	4		OUTBOUND
GRAND TRAVERSE BAY HARBOR, MICH.								
TOTAL, 5 AND LESS - - - - -	29			29	27			OUTBOUND
HARBOR BEACH, MICH., HARBOR OF REFUGE, LAKE MICHIGAN								
TOTAL, 22 AND LESS - - - - -	3			3	3			OUTBOUND
HARRISVILLE HARBOR, MICH., HARBOR OF REFUGE, LAKE MICHIGAN								
TOTAL, 16 AND LESS - - - - -		3		3		3		OUTBOUND
KENOSHA HARBOR, WIS.								
TOTAL, 27 AND LESS - - - - -	508			508	510			OUTBOUND
Keweenaw Waterway, MICH.								
TOTAL, 27 AND LESS - - - - -	262	4		268	268	6		OUTBOUND
LAC LA PELLE HARBOR, MICH.		NO VESSEL TRIPS	REPORTED					
LELAND HARBOR, MICH.								
TOTAL, 6 AND LESS - - - - -	431			431	433			OUTBOUND
LIME ISLAND, MICH.		NO VESSEL TRIPS	REPORTED					

DETROIT, MI, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	NEWLY PROPELLED VESSELS			NEWLY PROPELLED VESSELS		TOTAL	NEWLY PROPELLED VESSELS			NEWLY PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND CARGO	TANKER	TOWAGE	PASSENGER AND CARGO	TANKER		PASSENGER AND CARGO	TANKER	TOWAGE	PASSENGER AND CARGO	TANKER	
MACKINAC HARBOR, MICH. TOTAL, 19 AND LESS	5,304		26	INBOUND		5,330	5,303		27	OUTBOUND		5,330
MACKINAC CITY HARBOR, MICH. TOTAL, 21 AND LESS	744	29	10	INBOUND	6	789	784	34	5	OUTBOUND	1	784
MANISTIQUE HARBOR, MICH. TOTAL, 5 AND LESS	114			INBOUND		114	114			OUTBOUND		114
MANTOWIC HARBOR, WIS. TOTAL, 23 AND LESS	20		20	INBOUND	11	51	18		20	OUTBOUND	11	49
MARQUETTE HARBOR, MICH. TOTAL, 24 AND LESS	237			INBOUND		237	237			OUTBOUND		237
MARYSVILLE, MICH. TOTAL, 24 AND LESS	7		4	INBOUND	1	13	7	1	7	OUTBOUND	1	17
MEANDREE HARBOR AND RIVER, MICH. AND WIS. TOTAL, 25 AND LESS	1,519		1	INBOUND	1	1,521	1,519			OUTBOUND		1,519
NEW BUFFALO HARBOR, MICH.	NO VESSEL TRIPS REPORTED					*						
OCONTO HARBOR, WIS. TOTAL, 5 AND LESS	684			INBOUND		684	684			OUTBOUND		684
ONTONAGON HARBOR, MICH. TOTAL, 19 AND LESS	7		2	INBOUND	4	13	7		3	OUTBOUND	4	14
PENSAUKEE HARBOR, WIS. TOTAL, 5 AND LESS	988			INBOUND		988	988			OUTBOUND		988
PENTWATER HARBOR, MICH.	NO VESSEL TRIPS REPORTED											
PORT SANILAC HARBOR, MICH. TOTAL, 5 AND LESS	6			INBOUND		6	6			OUTBOUND		6
PORT WASHINGTON HARBOR, WIS. TOTAL, 21 AND LESS	68			INBOUND		68	68			OUTBOUND		68
PUT-IN-BAY HARBOR, OHIO TOTAL, 7 AND LESS	4,952			INBOUND		4,952	4,956			OUTBOUND		4,956
RACINE HARBOR, WIS. TOTAL, 5 AND LESS	555			INBOUND		555	555			OUTBOUND		555
ROGERS CITY, MICH. TOTAL, 5 AND LESS	88			INBOUND		88	88			OUTBOUND		88
SAUGATUCK HARBOR AND KALAMAZOO RIVER, MICH. TOTAL, 7 AND LESS	334			INBOUND		334	334			OUTBOUND		334
SAULT STE. MARIE, MICH. TOTAL, 24 AND LESS	15,506	1	48	INBOUND	13	15,582	15,585	1	45	OUTBOUND	14	15,582
SEBASTIAN, MICH. TOTAL, 5 AND LESS	784			INBOUND		784	784			OUTBOUND		784
SOUTH HAVEN HARBOR, MICH.	NO VESSEL TRIPS REPORTED											
ST. JAMES (REAPER ISLAND), MICH. TOTAL, 9 AND LESS	359		2	INBOUND	17	388	359		2	OUTBOUND	17	388
STURGEON BAY AND LAKE MICHIGAN SHIP CANAL, WIS. TOTAL, 25 AND LESS	822	11	26	INBOUND	11	888	815	8	23	OUTBOUND	11	865
TRAVERSE CITY HARBOR, MICH. TOTAL, 23 AND LESS	5	14	24	INBOUND	25	67	5	12	26	OUTBOUND	27	68

DETROIT, MI, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION				TOTAL	DRAFT (FEET)				TOTAL	
	SEMI-TRAILER		NON-SHAFT-PROTECTED VESSELS			SEMI-TRAILER		NON-SHAFT-PROTECTED VESSELS			
DRAFT (FEET)	DRY CARRIER	TANKER	DRY CARRIER	TANKER		DRY CARRIER	TANKER	DRY CARRIER	TANKER		
TWO RIVERS HARBOR, WIS. TOTAL, 12 AND LESS - - - - -	1,394		2	INBOUND	3	1,399		4	OUTBOUND	3	1,401
WHITE LAKE HARBOR, MICH.	NO VESSEL TRIPS REPORTED										
WHITEFISH POINT HARBOR, MICH. TOTAL, 5 AND LESS - - - - -	156			INBOUND		156			OUTBOUND		156
WYANDOTTE, MICH. TOTAL, 22 AND LESS - - - - -	14		12	INBOUND	5	15		12	OUTBOUND	7	34
ALABASTER, MICH. TOTAL, 22 AND LESS - - - - -	52			INBOUND		52			OUTBOUND		52
CALCITE, MICH. TOTAL, 30 AND LESS - - - - -	432		1	INBOUND	1	434		1	OUTBOUND	1	444
ESCANABA, MICH. TOTAL, 31 AND LESS - - - - -	354	2	14	INBOUND	19	393	355	2	OUTBOUND	1	392
MARBLEHEAD, OHIO TOTAL, 23 AND LESS - - - - -	3,336			INBOUND		3,336			OUTBOUND		3,332
PORT DOLOMITE, MICH. TOTAL, 28 AND LESS - - - - -	124		11	INBOUND	9	144	123		OUTBOUND	11	145
PORT GYPSUM, MICH. TOTAL, 23 AND LESS - - - - -	25			INBOUND		25			OUTBOUND		25
PORT INLAND, MICH. TOTAL, 28 AND LESS - - - - -	130		16	INBOUND	26	147	133		OUTBOUND	26	190
STONEPORT, MICH. TOTAL, 28 AND LESS - - - - -	123			INBOUND		323	334		OUTBOUND		334

BUFFALO, NY, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY			DIRECTION			DRAFT (FEET)		
DRAFT (FEET)			DIRECTION			DRAFT (FEET)		

BUFFALO, NY, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DRAFT				
DRAFT (FEET)	SEASIDE		TANKER		TOTAL	SEASIDE		TANKER		TOTAL
	IN	OUT	IN	OUT		IN	OUT	IN	OUT	
CLEVELAND HARBOR, OHIO--(CONTINUED)										
16 - - - - -	7		1		8	21	2	1		33
15 - - - - -	17		5		22	26	5			31
14 - - - - -	5	1		1	10	11	1	1	1	14
13 - - - - -	1		1		2	7				7
12 AND LESS - - - - -	264	8	44		337	270	7	44	3	354
TOTAL - - - - -	1,093	24	51	21	1,225	1,091	23	51	22	1,223
FAIRPORT HARBOR, OHIO										
29 - - - - -										
28 - - - - -										
27 - - - - -	17				17	1				1
26 - - - - -	20				20	17				17
25 - - - - -	5				5	6				6
24 - - - - -	10				10	4				4
23 - - - - -	19				19	21				21
22 - - - - -	16				16	6				6
21 - - - - -	1				1	22				22
20 - - - - -	4				4	4			1	5
19 - - - - -	2				2	2				2
18 - - - - -	6				6	16				16
17 - - - - -	4				4	5				5
16 - - - - -	1			1	2	7				7
15 - - - - -	5			1	6	6				6
12 AND LESS - - - - -	241		3	9	253	243		3	9	255
TOTAL - - - - -	362		3	9	374	365		3	9	374
ASHTABULA HARBOR, OHIO										
29 - - - - -	10				10	61				61
28 - - - - -	18			1	19	44				44
27 - - - - -	35				35	17				17
26 - - - - -	20	1			21	20	1			21
25 - - - - -	14				14	15				15
24 - - - - -	54				54	11				11
23 - - - - -	63				63	31				31
22 - - - - -	9				9	31			1	31
21 - - - - -	15				15	15				15
20 - - - - -	10				10	10				10
19 - - - - -	9				9	9				9
18 - - - - -	9				9	12				12
17 - - - - -	19				19	12				12
16 - - - - -	6				6	6				6
15 - - - - -	7				7	1				1
14 - - - - -	1				1	2				2
13 - - - - -	1		1		2	1				1
12 AND LESS - - - - -	1				1	1				1
TOTAL - - - - -	301		2	1	304	303		1	1	305
CONNEAUT HARBOR, OHIO										
27 - - - - -	40	1			42	203	1			204
26 - - - - -	4				4	27				27
25 - - - - -	12				12	1				1
24 - - - - -	74				74	24			1	25
23 - - - - -	113				113	11				11
22 - - - - -	19				19	20				20
21 - - - - -	20				20	18				18
20 - - - - -	11				11	20				20
19 - - - - -	6				6	5				5
18 - - - - -	9				9	9				9
17 - - - - -	3				3	9				9
16 - - - - -	1				1	2				2
15 - - - - -	1				1	1				1
14 - - - - -	1				1					
13 - - - - -	21				21					
TOTAL - - - - -	347	1	1		349	350	1		1	352
ERIE HARBOR, PA.										
27 - - - - -	2	1			3	2				2
26 - - - - -	10				10	4	1			4
25 - - - - -	7				7	2				2
24 - - - - -	4				4	3				3
23 - - - - -	7		1		8	4			1	5
22 - - - - -	4				4	4				4
21 - - - - -	19				19	4				4
20 - - - - -	7				7	9				9
19 - - - - -	3				3	1				1
18 - - - - -	3				3	4			1	7
17 - - - - -	2				2	12				12
16 - - - - -						3			2	5
15 - - - - -	1				1	17			1	18
14 - - - - -	109	2			111	110				110
13 - - - - -	5				5	0			1	5
12 AND LESS - - - - -	1,463	3	4		1,467	1,461	3	4		1,468
TOTAL - - - - -	1,840	4	5	1	1,846	1,853	4	5	1	1,859

BUFFALO, NY, DISTRICT

TRIPS AND DRAFTS OF VESSELS

WATERWAY				DIRECTION				DRAFT			
DRAFT FEET	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND	TOTAL	INBOUND	OUTBOUND
BUFFALO HARBOR, N. Y.											
27	7		7	3		3					
26	9		9	7		7					
25	7	1	8	8	1	9					
24	24		24	4	2	6					
23	23	1	24	4		4					
22	23		23	15		15					
21	16	1	17	2		2					
20	11	2	13	5		5					
19	8	1	9	2	2	4					
18	4		4	32		32					
17	4	7	11	47	1	48					
16	2	13	15	7		7					
15				2		2					
14	1		1	1		1					
13				1		1					
12 AND LESS	101	1	102	102	21	123					
TOTAL	244	27	271	241	27	268					
NIAGARA RIVER, N. Y.											
21	0	19	19	1		1					
20	3	12	15	1		1					
19		20	20	2	2	4					
18		1	1	1	1	2					
17		1	1	1	1	2					
16		2	2	3	3	6					
15		1	1	2	2	4					
14											
13											
12 AND LESS	0	4	4	31	4	35					
TOTAL	16	56	72	12	56	68					
PORT OF BUFFALO, N. Y.											
27	7		7	4		4					
26	9		9	7		7					
25	7	1	8	8	1	9					
24	22		22	4	2	6					
23	20	1	21	4		4					
22	34	14	48	5		5					
21	23	6	29	2		2					
20	13	14	27	6	1	7					
19	7	21	28	4		4					
18	4	1	5	33	1	34					
17	3	8	11	48	4	52					
16		15	15	14	3	17					
15		1	1	4	2	6					
14				2		2					
13	1		1	1		1					
12 AND LESS	104	1	105	104	52	156					
TOTAL	257	83	340	256	82	338					
ROCHESTER (CHARLOTTE) HARBOR, N. Y.											
21	1		1	1		1					
20	1		1	1		1					
19	4		4	3		3					
18	24		24	19		19					
17	25		25	27		27					
16	1		1	5		5					
15	1		1	1		1					
12 AND LESS											
TOTAL	57		57	57		57					
OSWEGO HARBOR, N. Y.											
25	3	1	4	1		1					
24	2		2	1		1					
23	1		1	1		1					
22	12	2	14	3		3					
21	12	24	36	4	4	8					
20	13	3	16	23	13	36					
19	37	4	41	50	11	61					
18	25	1	26	34	3	37					
17	2	2	4	4	2	6					
16	40		40	46	1	47					
15	1		1	1		1					
14				3		3					
13				68	1	69					
12 AND LESS	70	1	71	71	1	72					
TOTAL	214	42	256	214	40	254					
SARASOTA HARBOR, N. Y.											
TOTAL, 5 AND LESS	536		536	536		536					
CAPE VINCENT, N. Y.											
TOTAL, 6 AND LESS	2,457		2,457	2,457		2,457					

BUFFALO, NY, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

WATERWAY	INBOUND				OUTBOUND			
	DRAFT	FEET	NO.	TOTAL	DRAFT	FEET	NO.	TOTAL
DUNKIRK HARBOR, N. Y. TOTAL, 5 AND LESS	162		INBOUND	362	362		OUTBOUND	362
GREAT STODS BAY HARBOR, N. Y.	NO VESSEL TRIPS REPORTED							
KELLEYS ISLAND, OHIO TOTAL, 7 AND LESS	3,554		INBOUND	3,554	3,553		OUTBOUND	3,553
NIAGARA FALLS, N. Y. TOTAL, 6 AND LESS	3	7	1	12	3	5	2	11
ODDESHAW HARBOR, N. Y. TOTAL, 19 AND LESS	10		INBOUND	10	9		OUTBOUND	9
PORT CLINTON HARBOR, OHIO TOTAL, 10 AND LESS	2,601		INBOUND	2,601	2,609		OUTBOUND	2,609
SACKETT HARBOR, N. Y.	NO VESSEL TRIPS REPORTED							
TONAWANDA HARBOR, N. Y.	NO VESSEL TRIPS REPORTED							
VERMILION HARBOR, OHIO TOTAL, 5 AND LESS	52		INBOUND	52	52		OUTBOUND	52
WADSWORTH HARBOR, N. Y.	NO VESSEL TRIPS REPORTED							

ROCK ISLAND, IL, DISTRICT

TRIPS AND DRAFTS OF VESSELS

WATERWAY		DIRECTION			TOTAL		WATERWAY			TOTAL	
DRAFT FEET		TO	FROM	THROUGH			DRAFT FEET		TO	FROM	THROUGH
ILLINOIS RIVER, ILL.											
9		2	1,811	5,937	1,871	9,621	1	1,795	8,459	1,083	11,736
8			753	683	336	1,772		747	2,174	105	3,026
7			425	183	31	639		188	188	7	593
6			99	100	9	208		108	73	12	191
5			13	40	3	56		58	38	4	101
4			1	30	1	276		1	6	46	298
3	245			13	1	14	245			1	70
2			1	8,150	722	8,773	1	1	4,810	1,574	6,386
1				1,211	40	1,251			95	94	189
TOTAL	245	2	3,183	16,247	3,113	22,610	246	2	3,103	16,248	22,592

Waterborne Commerce of the United States, 1985

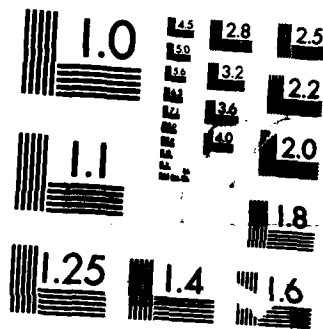
N		S	
New Buffalo Harbor, Mich.	49, 76	Saugatuck Harbor and Kalamazoo River, Mich.	49, 76
Niagara Falls, N. Y.	60, 81	Sault Ste. Marie, Mich.	49, 76
Niagara River, N. Y.	57, 80	Sebewaing Mich.	49, 76
		Sheboygan Harbor, Wis.	50, 77
		Silver Bay, Minn.	5, 65
		South Haven Harbor, Mich.	49, 76
		Stoneport, Mich.	50, 77
		Sturgeon Bay and Lake Michigan Ship Canal, Wis.	49, 76
		Summary of Great Lakes Traffic	
		Freight Tons by Area	XIII
		Freight Tons by Commodity	XIV
		Ton-Miles by Area	XII
P		T	
Pensacola Harbor, Mich.	49, 76	Taconite Harbor, Minn.	5, 65
Pontwater Harbor, Mich.	49, 76	Toledo Harbor, Ohio	51, 78
Port Clinton Harbor, Ohio	50, 81	Tonnawanda Harbor, N. Y.	60, 81
Port Dolomite, Mich.	50, 77	Ton Mileage of Freight Carried on Great Lakes	XII
Port Gypsum, Mich.	50, 77	Traverse City Harbor, Mich.	50, 76
Port Huron, Mich.	5, 72	Trenton, Mich.	45, 74
Port Inland, Mich.	50, 77	Two Harbors (Agate Bay), Minn.	3, 65
Port of Buffalo, N. Y.	58, 80	Two Rivers Harbor, Wis.	50, 77
Port of Chicago, Ill.	14		
Port of Detroit, Mich.	45, 74		
Port Sanilac Harbor, Mich.	49, 76		
Port Washington Harbor, Wis.	49, 76		
Port Wing Harbor, Wis.	5, 65		
Presque Isle Harbor, Mich.	22, 69		
Put-In-Bay Harbor, Ohio	49, 76		
R		V	
Racine Harbor, Wis.	45, 76	Vermilion Harbor, Ohio	60, 81
Rochester (Charlotte) Harbor, N. Y.	58, 80		
Rogers City, Mich.	49, 76		
Rouge River, Mich.	43, 74		
S		W	
Sackets Harbor, N. Y.	60, 81	Waddington Harbor, N. Y.	60, 81
Saginaw River, Mich.	32, 72	Warroad Harbor, Minn.	5, 65
St. Clair, Mich.	36, 72	Waukegan Harbor, Ill.	5, 69
St. Clair River, Mich.	33, 72	White Lake Harbor, Mich.	50, 77
St. James (Beaver Island), Mich.	49, 76	Whitefish Point Harbor, Minn.	50, 77
St. Joseph Harbor, Mich.	29, 71	Windsor, Mich.	50, 77
St. Marys Fall Canal, Mich. and Ont.	24, 69		
St. Marys River, Mich.	22, 69		
Sandusky Harbor, Ohio	52, 78		

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1. Introduction

END
July
1988
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

Waterborne Commerce of the United States, 1985

N		S	
New Buffalo Harbor, Mich.	49, 76	Saugatuck Harbor and Kalamazoo River, Mich.	49, 76
Niagara Falls, N. Y.	60, 81	Sault Ste. Marie, Mich.	49, 76
Niagara River, N. Y.	57, 80	Sebawing Mich.	49, 76
O		Sheboygan Harbor, Wis.	30, 71
Oconto Harbor, Wis.	49, 76	Silver Bay, Minn.	5, 65
Ogdenburg Harbor, N. Y.	60, 81	South Haven Harbor, Mich.	49, 76
Ontonagon Harbor, Mich.	49, 76	Stoneport, Mich.	50, 77
Oswego Harbor, N. Y.	59, 80	Sturgeon Bay and Lake Michigan Ship Canal, Wis.	49, 76
P		Summary of Great Lakes Traffic	
Pensaukee Harbor, Wis.	49, 76	Freight Tons by Area	XIII
Pentwater Harbor, Mich.	49, 76	Freight Tons by Commodity	XIV
Port Clinton Harbor, Ohio	60, 81	Ton-Miles by Area	XII
Port Dolomite, Mich.	50, 77	T	
Port Gypsum, Mich.	50, 77	Taconite Harbor, Minn.	5, 65
Port Huron, Mich.	35, 72	Toledo Harbor, Ohio	51, 78
Port Inland, Mich.	50, 77	Tonnawanda Harbor, N. Y.	60, 81
Port of Buffalo, N. Y.	58, 80	Ton Mileage of Freight Carried on Great Lakes	XII
Port of Chicago, Ill.	14	Traverse City Harbor, Mich.	50, 76
Port of Detroit, Mich.	45, 74	Trenton, Mich.	45, 74
Port Sanilac Harbor, Mich.	49, 76	Two Harbors (Agate Bay), Minn.	5, 65
Port Washington Harbor, Wis.	49, 76	Two Rivers Harbor, Wis.	50, 77
Port Wing Harbor, Wis.	5, 65	V	
Presque Isle Harbor, Mich.	22, 69	Vermilion Harbor, Ohio	60, 81
Put-In-Bay Harbor, Ohio	49, 76	W	
R		Waddington Harbor, N. Y.	60, 81
Racine Harbor, Wisc.	49, 76	Warroad Harbor, Minn.	5, 65
Rochester (Charlotte) Harbor, N. Y.	58, 80	Waukegan Harbor, Ill.	6, 66
Rogers City, Mich.	49, 76	White Lake Harbor, Mich.	50, 77
Rouge River, Mich.	43, 74	Whitefish Point Harbor, Mich.	50, 77
S		Wyandotte, Mich.	50, 77
Sackets Harbor, N. Y.	60, 81		
Saginaw River, Mich.	32, 72		
St. Clair, Mich.	36, 72		
St. Clair River, Mich.	33, 72		
St. James (Beaver Island), Mich.	49, 76		
St. Joseph Harbor, Mich.	29, 71		
St. Marys Fall Canal, Mich. and Ont.	24, 69		
St. Marys River, Mich.	22, 69		
Sandusky Harbor, Ohio	52, 78		

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