WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 2005

Part 3– Waterways and Harbors Great Lakes



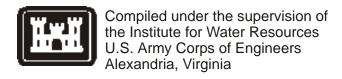
Department of the Army Corps of Engineers

Institute for Water Resources

WATERBORNE COMMERCE OF THE UNITED STATES

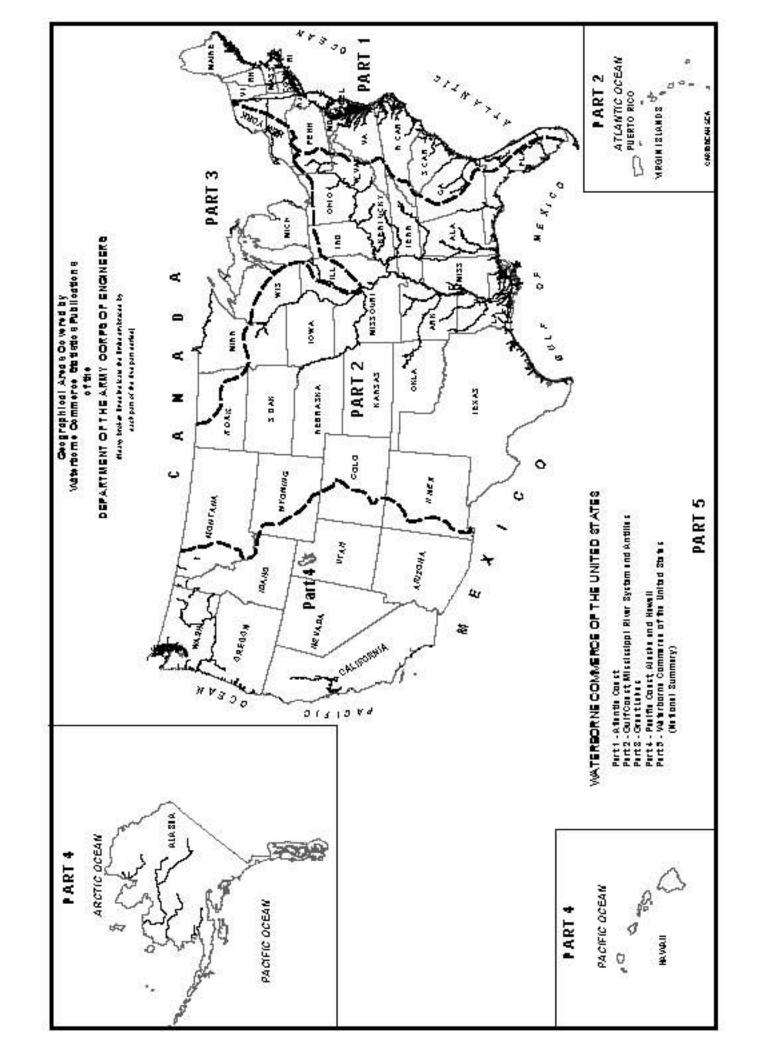
Calendar Year 2005

Part 3– Waterways and Harbors Great Lakes



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Introduction

General

Waterborne Commerce of the United States, WCUS, Part 3 is one of a series of publications which provides statistics on the foreign and domestic waterborne commerce moved on the United States waters. WCUS, Parts 1-4 present detailed data on the movements of vessels and commodities at the ports and harbors and on the waterways and canals of the United States, the Commonwealth of Puerto Rico, and the Virgin Islands.

Data on foreign commerce are supplied to the Corps of Engineers by the U.S. Bureau of the Census and Border Protection, U.S. Customs, and purchased from the Commonwealth Business Media, Inc., Port Import Export Reporting Service.

The publication numbers and the geographical areas covered in **WCUS**, **Parts 1-5** are detailed below:

WCUS, Part 1 Atlantic Coast
WCUS, Part 2 Gulf Coast, Mississippi River
System and Antilles
WCUS, Part 3 Great Lakes
WCUS, Part 4 Pacific Coast, Alaska
and Hawaii
WCUS, Part 5 National Summaries

Legal Authority

The legal authority for the collection, compilation and publication of waterborne commerce statistics by the Army Corps of Engineers is Section 11 of the Rivers and Harbors Appropriations Act of 1922 (42 Stat. 1043), as amended, and codified in 33 U.S.C. 555 and provides the following:

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 the Army: <u>Provided</u>. That this provision shall not apply to those rafting logs, except upon a direct request upon the owner to furnish specific information.

Everv person or persons offending against the provisions of this section shall, for each and every offense, be liable to a fine of not more than \$5,000 or imprisonment not exceeding two months, to be enforced in any district court of the United States within whose territorial jurisdiction such offense may have been committed. addition, the Secretary may assess a civil penalty of up to \$2,500 per violation against any person or entity, that fails to provide timely, accurate statements required to be submitted pursuant to this section by the Secretary.

The vessel and commodity movement information collected and compiled is designed to meet the data requirements of the Department of the Army in connection with the duties assigned by Congress. These data also provide valuable information for other governmental departments, commercial and shipping concerns and others interested in the U.S. transportation industry.

Domestic Commerce

Contiguous and non-contiguous states and territories constitute the geographical space upon which domestic commerce may be transported. This includes Hawaii, Alaska, the 48 contiguous states, Puerto Rico and the Virgin Islands, Guam, American Samoa, Wake Island and the U.S. Trust Territories.

The waterborne traffic movements are

reported to the Corps of Engineers by all vessel operators of record on ENG Forms 3925 and 3925b (or equivalent) approved by the Office of Management and Budget under the Paperwork Reduction Act (44 U.S.C. 3510(a)). The reports are generally submitted on the basis of individual vessel movements completed. For movements with cargo, the point of loading and the point of unloading of each individual commodity must be delineated. Cargo moved for the military agencies in commercial vessels is reported as ordinary commercial cargo; military cargo movements in Department of Defense vessels are not collected.

In summarizing the domestic commerce certain movements are excluded: Cargo carried on general ferries; coal and petroleum products loaded from shore facilities directly into bunkers of vessels for fuel; and insignificant amounts of government materials (less than 100 tons) moved on government owned equipment in support of Corps projects.

Foreign Commerce

Foreign commerce is waterborne import, export and in-transit traffic between the United States, Puerto Rico and the Virgin Islands and any foreign country. These statistics do not include traffic between any foreign country and the United States Territories and Possessions (American Samoa, Guam, North Mariana Islands and U.S. Outlying Islands).

Beginning with the calendar year 2000 publication, foreign waterborne import, export and in-transit cargo statistics are derived primarily from data purchased from the Port Import Export Reporting Service, a division of the Commonwealth Business Media, Inc. and supplemented by data furnished to the Corps of Engineers by the U.S. Bureau of the Census and Border Protection and the U.S. Customs. Foreign cargo is matched to vessel moves to improve geographic specificity.

The Republic of Panama is considered a foreign country. However, individual vessel movements with origin and destination at United States ports traveling via the Panama Canal are considered domestic traffic. Alaskan crude oil (origin at Valdez, AK) shipped via the Panama pipeline (west to east) and destined for gulf and east coast ports is also considered domestic commerce.

Import and export shipments for use of the United States Armed Forces abroad are not reported to the Waterborne Commerce Statistics Center (WCSC). Beginning with calendar year 1989 shipments under the military assistance program of the Department of Defense are included in the statistics under the appropriate commodity code. In prior years these cargoes were given as commodity code 9999.

Commodity Descriptions

The first two digits of the WCSC publication codes correspond with the Lock Performance Monitoring System (LPMS) commodity codes. **LPMS** and WCSC Both codes were standardized to reflect the hierarchical structure of the Standard International Trade Classification (SITC) Revision 3 commodity codes. SITC, Rev. 3 commodity codes conform to the Harmonized Commodity Description and Coding System (HS). Using SITC, Rev. 3 allows direct comparisons with U.S. Imports, exports, and in-transits, as well as, with commodity movements of other countries.

Tonnage

The tonnage figures provided throughout the WCUS, Parts 1-5 represent short tons (2,000 pounds). Tonnage figures are rounded to the nearest 1,000 tons.

A zero represents less than 500 tons but more than zero. Dashes mean zero tons. Columns and rows may not add up exactly to totals and subtotals due to rounding.

Some freight tables have "Total" and "Grand Total". The "Total" means that in some cases it is the total for domestic or foreign and Canadian traffic. The "Grand Total" specifically represents the sum total of all the different traffics, including all domestic and foreign traffic. If a particular column or traffic type has only dashes and zeroes in the tonnage fields for that entire freight table then that column (traffic type) will not print.

Ton-Miles

Domestic and foreign ton-miles are calculated by multiplying the tons of the commerce being moved by the number of miles actually moved on the waterway or channel as defined for each freight table. Ton-miles are

rounded to the nearest 1,000 ton-miles. The ton-mile data appears in the publication by traffic type at the end of a particular freight table for a given project. Since there are columns that will not print (see tonnage above) the ton-miles associated with these columns will likewise not be included in the total ton-miles for that particular freight table. They will be included in "Ton-miles All Traffic" at the end of the project.

Trips

A trip is a vessel movement. For self-propelled vessels, a trip is logged between every point of departure and every point of arrival. For loaded barges, a trip is logged from the point of the loading of the barge to the point of unloading of the barge (i.e., excluding fleeting areas). For empty barges, trips are logged from point of unloading to the point of loading counting the fleeting areas in between (e.g. if an empty barge moved from Dock A to Dock B and the barge stopped at three fleeting areas in between, then four trips are logged.)

Some towboat trips and empty barge moves are estimated from a sample to expedite processing and reduce costs. The number of trips also includes vessels engaged in foreign trade. These moves are furnished by the U.S. Customs Service and processed by the U.S. Maritime Administration.

To more accurately reflect actual traffic patterns (e.g. inbound versus outbound trip counts), some adjustments are made to the trip counts in the trip and draft tables in this publication.

Special Interest

Beginning in calendar year 2000, the tonnage of fish landings are no longer included in this publication.

Passenger totals are not included in this publication but are available on request. Passenger data not relevant to transportation such as excursions, sight-seeing, and floating casinos are no longer collected as of calender year 2001. As of calender year 2004, passengers, autos, and railway cars are not included in the domestic trips and drafts tables. Cruise ships in foreign traffic are included in the foreign trips and drafts tables.

Beginning in calender year 2001, the movement of tugboats used to assist larger vessels within the districts of New England (Boston), New York, New Orleans, Galveston (Houston) are no longer collected.

Errata were issued for the calendar year 2000 WCUS, Parts 1-5 publications to correct a conversion factor problem with inbound foreign crude petroleum. The corrected publications are available on our web site:

www.iwr.usace.army.mil/ndc/wcsc/wcsc.htm.

Terminology

Types of Traffic

Foreign

Inbound: Includes waterborne imports and inbound in-transit merchandise.

Imports

Overseas: Inbound merchandise originating in foreign countries other than Canada and arriving by marine vessel for direct U.S. consumption and entries into custom bonded storage and manufacturing warehouses.

Canadian: Inbound merchandise originating in Canada and arriving by marine vessel for direct U.S. consumption and entries into custom bonded storage and manufacturing warehouses.

Inbound In-transits: Merchandise coming into the United States by marine vessel from a foreign country and shipped to a foreign country without having been entered as an import. In-transit merchandise is treated as inbound when unloaded from a marine vessel.

Outbound: Includes waterborne exports and outbound in-transit merchandise.

Exports

Overseas: Outbound domestic merchandise and re-export of foreign merchandise from a U.S. foreign trade zone shipped by marine vessel to foreign countries other than Canada.

Canadian: Outbound domestic merchandise and re-export of foreign merchandise from a U.S. foreign trade zone shipped by marine vessel to Canada.

Outbound In-transits: Merchandise coming into the United States from a foreign country and shipped by marine vessel to a foreign country without having been entered as an import. In-transit merchandise is treated as outbound when loaded onto a marine vessel.

Domestic

Coastwise: 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, Alaska to Hawaii). Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed **Coastwise.**

Lakewise: Waterborne traffic between the United States ports on the Great Lakes System. The Great Lakes System is treated as a separate waterway system rather than as a part of the inland waterway system. In comparing historical data for the Great Lakes System, one should note that prior to calendar year 1990, marine products, and sand and gravel being moved from the Great Lakes to Great Lake destinations were classified as local traffic. From 1990 on, these activities are classified as lakewise traffic.

Internal: Vessel movements (origin and destination) which take place solely on inland waterways. An inland waterway is one geographically located within the boundaries of the contiguous 48 states or within the boundaries of the State of Alaska.

The term "internal traffic" is also applied to these vessel movements: those which involve carriage on both inland waterways and the Great Lakes; those occurring between offshore areas and inland waterways (e.g., oil rig supplies and fish); and those taking place within Delaware Bay, Chesapeake Bay, Puget Sound, and San Francisco Bay, which are considered internal bodies of water rather than arms of the ocean.

Intraport: Movement of freight within the confines of a port whether the port has one or several arms or channels included in the port definition. This traffic type will not include car-ferries and general ferries moving within a port.

Through: Movements transiting a waterway, or stretch thereof, as defined in the project description of individual tables, and having origins and destinations outside of the defined area.

Intra-waterway: Shipments and receipts within the limits of a river, waterway or canal. This traffic will not include car-ferries and general ferries moving within a waterway or Corps project.

Intra-territory: Traffic between ports in Puerto Rico and the Virgin Islands, which are considered a single unit.

Traffic Direction

Waterways

Upbound: Traffic that moves in an upstream direction. For waterways without a characteristic monodirectional flow (e.g. the Gulf Intracoastal Waterway), "upbound" means in a northerly or easterly direction.

Downbound: Traffic that moves in a downstream direction. For waterways without a characteristic monodirectional flow, "downbound" means in a southerly or westerly direction.

Inbound: Traffic moving from one waterway into another where the destination is on the subject waterway.

Outbound: Traffic moving from one waterway into another where the origin is on the subject waterway.

Ports

Receipts: Traffic moving from one location to another where the destination is within the limits of the subject port.

Shipments: Traffic moving from one location to another where the origin is within the limits of the subject port.

Commodity Descriptions: The first two digits of the Waterborne Commerce Statistics Center (WCSC) publication codes correspond with the Lock Performance Monitoring System (LPMS) commodity codes. Both LPMS and WCSC codes were standardized to reflect the hierarchical structure of the Standard International Trade Classification (SITC) Revision 3 commodity codes. SITC, Rev. 3 commodity codes conform to the Harmonized Commodity Description and Coding System (HS). Using SITC, Rev. 3 allows direct comparisons with U.S. imports and exports, as well as with commodity movements of other countries.

Tons: The tonnage figures provided throughout the *Waterborne Commerce of the United States*, **WCUS**, **Parts 1-5** represent short tons (2,000 pounds).

Where noted, tonnage figures are rounded to the nearest thousand tons. A zero represents less than 500 tons but more than zero. Dashes mean zero tons. Columns and rows may not add up exactly to totals and subtotals due to rounding.

Ton-miles: Water carriage ton-miles were first compiled and published in calendar year 1962. The distances used are statute miles. Domestic and foreign ton-miles are calculated by multiplying the tons of commerce being moved by the number of miles actually moved on the waterway or channel as defined for each freight table (e.g. 50 short tons moving 200 miles on a particular waterway would yield 10,000 ton-miles for that waterway). The ton-mile parameter measures the total activity on a waterway or channel. Ton-miles are not computed for ports.

For rivers, channels and inland waterways the distances were computed from waterway survey maps and records of the Corps of Engineers.

Ton-miles are rounded to the nearest thousand.

- **Trip Ton-miles:** Trip ton-miles is a measure of a single waterway's contribution to the whole waterway system. Trip ton-miles are computed by identifying every commercial cargo-carrying vessel that has plied a particular inland waterway and summing the products of the tons times the total trip-miles for each vessel trip. "Trip-miles" is the total distance from origin (loading) to destination (unloading). For example, a barge carrying 1,200 tons of wheat might only travel 30 miles on the Illinois River but its total trip to New Orleans might be 1,000 miles. This trip would contribute 1,200,000 trip ton-miles to the Illinois River. Small rivers often contribute to the traffic on larger rivers. Published trip ton-miles do not include coastal and Great Lakes vessel movements.
- **Trans-shipments:** Ports and offshore anchorages where cargo is moved from one vessel to another. These are: St. Lucia, Virgin Islands; Heald Bank off the Louisiana and Texas coasts; Chirqui Grande, Panama; Puerto Armuelles, Panama; and Hondo Platform-Pacific Ocean.

Commodity Classification List

| Major Grouping Minor Grouping Pub Group Pub Name | Major Grouping Minor Grouping Pub Group Pub Name |
|--|---|
| 00 Units 0200 Vehicles 0300 Passengers | 3282 Pigments & Paints 3283 Coloring Mat. NEC 3284 Medicines 3285 Perfumes & Cleansers 3286 Plastics |
| 10 Coal 1100 Coal & Lignite 1200 Coal Coke | 3291 Pesticides 3292 Starches, Gluten, Glue 3293 Explosives 3297 Chemical Additives |
| 20 Petroleum & Petroleum Products 21 Crude Petroleum 2100 Crude Petroleum | 3298 Wood & Resin Chem. 3299 Chem. Products NEC |
| 22-29 Petroleum Products 2211 Gasoline 2221 Kerosene 2330 Distillate Fuel Oil 2340 Residual Fuel Oil 2350 Lube Oil & Greases 2410 Petro. Jelly & Waxes 2429 Naphtha & Solvents 2430 Asphalt, Tar & Pitch 2540 Petroleum Coke 2640 Hydrocarbon & Petrol Gase | |
| Liquefied and Gaseous 2990 Petro. Products NEC | 4310 Building Stone 4322 Limestone 4323 Gypsum |
| 30 Chemicals and Related Products 31 Fertilizers 3110 Nitrogenous Fert. 3120 Phosphatic Fert. 3130 Potassic Fert. 3190 Fert. & Mixes NEC 32 Other Chemicals and Related Products | 4327 Phosphate Rock 4331 Sand & Gravel 4333 Dredged Material 4335 Waterway Improv. Mat 4338 Soil & Fill Dirt 44 Iron Ore and Scrap 4410 Iron Ore 4420 Iron & Steel Scrap |
| 3211 Acyclic Hydrocarbons 3212 Benzene & Toluene 3219 Other Hydrocarbons 3220 Alcohols 3230 Carboxylic Acids 3240 Nitrogen Func. Comp. 3250 Organo-Inorganic Comp. 3260 Organic Comp. NEC 3271 Sulphur (Liquid) 3272 Sulphuric Acid 3273 Ammonia 3274 Sodium Hydroxide 3275 Inorg. Elem.,Oxides, | 45 Marine Shells 4515 Marine Shells 46 Non-Ferrous Ores and Scrap 4630 Copper Ore 4650 Aluminum Ore 4670 Manganese Ore 4680 Non-Ferrous Scrap 4690 Non-Ferrous Ores NEC 47 Sulphur, Clay and Salt 4741 Sulphur, (Dry) 4782 Clay & Refrac. Mat. 4783 Salt 48 Slag 4860 Slag 49 Other Non-Metal. Min. 4900 Non-Metal. Min. NEC |

Commodity Classification List (continued)

| Major Gro Minor | uping Grouping Pub Group Pub Name | - | or Grouping Minor Grouping Pub Group Pub Name |
|--------------------|--|----|---|
| | • | | · |
| 51 | ary Manufactured Goods Paper Products 5110 Newsprint 5120 Paper & Paperboard 5190 Paper Products NEC Lime, Cement and Glass 5210 Lime 5220 Cement & Concrete 5240 Glass & Glass Prod. 5290 Misc. Mineral Prod. | | 6822 Dairy Products 6835 Fish, Prepared 6838 Tallow, Animal Oils 6839 Animals & Prod. NEC 6856 Bananas & Plantains 6857 Fruit & Nuts NEC 6858 Fruit Juices 6861 Sugar 6865 Molasses |
| | Primary Iron and Steel Products 5312 Pig Iron 5315 Ferro Alloys 5320 I&S Primary Forms 5330 I&S Plates & Sheets 5360 I&S Bars & Shapes 5370 I&S Pipe & Tube 5390 Primary I&S NEC | | 6871 Coffee 6872 Cocoa Beans 6885 Alcoholic Beverages 6887 Groceries 6888 Water & Ice 6889 Food Products NEC 6891 Tobacco & Products 6893 Cotton 6894 Natural Fibers NEC |
| 54 | Primary Non-Ferrous Metal Products 5421 Copper 5422 Aluminum | 70 | 6899 Farm Products NEC All Manufactured Equipment, Machinery and Products |
| 55 | 5429 Smelted Prod. NEC 5480 Fab. Metal Products Primary Wood Products; Veneer 5540 Primary Wood Prod. | | and Products 7110 Machinery (Not Elec) 7120 Electrical Machinery 7210 Vehicles & Parts |
| | and Farm Products | | 7220 Aircraft & Parts 7230 Ships & Boats |
| 62-64 | 6134 Fish (Not Shellfish) 6136 Shellfish Grain 6241 Wheat 6344 Corn | | 7300 Ordnance & Access. 7400 Manufac. Wood Prod. 7500 Textile Products 7600 Rubber & Plastic Pr. 7800 Empty Containers 7900 Manufac. Prod. NEC |
| | 6442 Rice 6443 Barley & Rye 6445 Oats 6447 Sorghum Grains | 80 | Waste and Scrap NEC 8900 Waste and Scrap NEC |
| 65 | Oilseeds 6521 Peanuts 6522 Soybeans 6534 Flaxseed 6590 Oilseeds NEC | 90 | Unknown or Not Elsewhere Classified 99 Unknown or Not Elsewhere Clsfd 9900 Unknown or NEC |
| 66 | Vegetable Products 6653 Vegetable Oils 6654 Vegetables & Prod. | | |
| 67 | Processed Grain and Animal Feed 6746 Wheat Flour 6747 Grain Mill Products 6781 Hay & Fodder 6782 Animal Feed, Prep. | | |
| 68 | Other Agricultural Products 6811 Meat, Fresh, Frozen 6817 Meat, Prepared | | |

TABLE 1-TON-MILEAGE OF UNITED STATES FREIGHT CARRIED ON THE GREAT LAKES BY AREA, CALENDAR YEAR 2005 (thousand ton-miles)

| Domestic | Lakewise Internal Intraport | In/Out Through In/Out Through In/Out | 250,957 756,214 1,573 186 — | 3,071,204 377,334 302 853 2,588 | 5,097,485 11,079,684 10,215 | 14,108,650 2,125,653 40,246 — 76,505 | - 1,262 - | 18,602,166 245 0 — 0 | 165,656 1,361,408 14 1,311 — | 1 360 | | 36,696 3,311,683 — — — — | | | 60 345 035 | |
|------------|-----------------------------|--------------------------------------|-----------------------------|---------------------------------|-----------------------------|--------------------------------------|------------------|----------------------|------------------------------|------------------|-------|--------------------------|----------------|--------|-------------------|----------------|
| 01-111163) | Coastwise | In/Out Through | i | i | i | i | i | i | i | i | | i | i | | I | |
| | Canadian | In/Out Through | 52,528 831,718 | 3,677,483 4,447,229 | | 3,892,852 | 62,856 4,845,759 | 5,499,787 506,609 | 6,584 1,150,473 | 33,928 1,222,598 | | 6,893 1,317,674 | 522,384 | | 36 019 513 | |
| Foreign | Overseas | Through | 8,130 100,384 | 961,312 | — 873,904 8 | 1 | 992 1,852,376 | ı | 126,289 | 530,263 | | — 126,757 | 128,571 | | 6 297 852 | |
| | Area Totals | In/Out | 2,001,689 | 12,785,702 247,398 | 25,003,444 | 20,824,782 580,875 | 6,763,245 | 25,369,409 760,601 | 2,811,734 | 1,787,149 | | 4,799,704 | 651,042 | | 102 292 900 | |
| | Area | | DETROIT RIVER. MI | *LAKE ERIE | LAKE HURON | **LAKE MICHIGAN | ***LAKE ONTARIO | LAKE SUPERIOR | ST. CLAIR RIVER. MI | ****ST. LAWRENCE | RIVER | ST. MARYS RIVER. MI | WELLAND CANAL, | CANADA | NET UNITED STATES | TRAFFIC ON THE |

Including Upper Niagara River Including the Port of Chicago (Chicago Harbor, North Branch, South Branch, Sanitary Ship Canal, Calumet-Sag Channel, Lake Calumet and Calumet Harbor and River) Including Lower Niagara River Between International boundary line and Lake Ontario -* * * * * * * *

TABLE 2-FREIGHT TONS OF UNITED STATES TRAFFIC CARRIED ON THE GREAT LAKES BY AREA, CALENDAR YEAR 2005

| (thousand short tons) Domestic | Coastwise | hrough In/Out Through In/Out Through In/Out In/Out | In/Out Inrough In/Out Inrough In/Out Inrough | 24,394 170 6 | 26,070 | | | E 0 1 1 | | 29,499 — 8,989 34,908 2 34 — | 1 | 1 | 19,483 — — 3 — 3 | 6 — 96,268 2,595 8,946 |
|---------------------------------|-------------|--|--|-------------------|-------------|------------|-----------------|-----------------|---------------|------------------------------|------------------------|---------------------|-----------------------|--|
| | Canadian | In/Out Through | | | • | | | | | 651 29,499 | | | 19,483 | 56,826 |
| Foreign | Overseas | Through | Inrough | 417 3,238 3 | | | 1,258 8 | 15 4,762 | 1,981 16 | 3,238 | 4,777 | | 4,762 | 4,777 |
| | Area Totals | In/Ont | In/Or | 71,915 | | 111,547 | 60,652 | 25,055 | 76,048 | 77,321 | 15,935 | 79,910 | 24,249 | 169.411 |
| | Area | | | DETROIT RIVER, MI | *I AKE FRIE | LAKE HURON | **LAKE MICHIGAN | ***LAKE ONTARIO | LAKE SUPERIOR | ST. CLAIR RIVER. MI | ****ST. LAWRENCE RIVER | ST. MARYS RIVER. MI | WELLAND CANAL, CANADA | NET UNITED STATES TRAFFIC ON THE GREAT |

Including Upper Niagara river Including the Port of Chicago (Chicago Harbor, North Branch, South Branch, Sanitary Ship Canal, Calumet-Sag Channel, Lake Calumet and Calumet Harbor and River) Including Lower Niagara River Between International boundary line and Lake Ontario * * * *

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

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|---------|------|---------|------|---------|------|---------|
| 1996 | 181,773 | 1999 | 182,862 | 2002 | 167,226 | 2005 | 169,411 |
| 1997 | 188,579 | 2000 | 187,489 | 2003 | 156,484 | | - |
| 1998 | 192,235 | 2001 | 171,359 | 2004 | 178,434 | | |
| | | | I ' | | | | I |

Freight Traffic, 2005 (thousand short tons)

| | | | | eign | | | Domestic | |
|---|-----------------------|-----------------------|-----------------|-------------------|-----------------|-----------------|-----------------|-------------------|
| Commodity | Grand Total | Inbour Canadian* C | | Outbo Canadian | Overseas | Lakewise | Internal | Intraport |
| Total, all commodities | 169,411 | 21,774 | 2,339 | 35,051 | 2,438 | 96,268 | 2,595 | 8,946 |
| Total coal | 44,773 | 982 | 43 | 18,511 | 25 | 21,820 | 626 | 2,766 |
| 1100 coal & lignite 1200 coal coke | 42,365 2,408 | 638 344 | 43 | 17,750 761 | 25 | 21,167 653 | 49 577 | 2,761 4 |
| Total petroleum and petroleum products | 4,593 | 916 | - | 853 | 6 | 1,407 | 277 | 1,135 |
| Subtotal petroleum products | 4,593 | 916 | | 853 | 6 | 1,407 | 277 | 1,135 |
| 2211 gasoline 2330 distillate fuel oil | 559 660 | 100 96 | _ | 107 42 | _ | 323 94 | 10 35 | 20 392 |
| 2340 residual fuel oil | 647 | 465 | _ | 5 | | 102 | 30 | 45 |
| 2350 lube oil & greases | 3 | | _ | 2 | | | 46 | 1 |
| 2429 naphtha & solvents 2430 asphalt, tar & pitch | 82 1,011 | 9 19 | _ | 8 100 | 6 | 757 | 16 96 | 49 33 |
| 2540 petroleum coke | 1,620 | 226 | | 589 | _ | 127 | 84 | 594 |
| 2640 hydrocarbon & petrol gases, liquefied and gaseous | 5 | _ | _ | | | 4 | 0 | 0 |
| 2990 petro. products nec | 6 | _ | | _ | _ | _ | 6 | _ |
| Total chemicals and related products | 1,077 | 321 | 48 | 369 | _ | 162 | 41 | 136 |
| Subtotal fertilizers | 324 41 | 267 | 13 13 | | | 3 | 41 28 | _ |
| 3110 nitrogenous fert. 3120 phosphatic fert. | 5 | | —- | | | | 5 | _ |
| 3130 potassic fert. | 273 | 267 | _ | | | <u> </u> | 5 | |
| 3190 fert. & mixes nec Subtotal other chemicals and related | 6 752 | 54 | 35 | 369 | | 3 159 | 3 | 136 |
| products | 732 | 54 | | 303 | | 100 | | 100 |
| 3211 acyclic hydrocarbons | 5 | | _ | 5 | | 0 | | |
| 3212 benzene & toluene 3219 other hydrocarbons | 40 45 | 4 6 | 6 | 26 13 | | 7 | | 3 20 |
| 3220 alcohols | 6 | | | 5 | | | | 1 |
| 3240 nitrogen func. comp. 3250 organo - inorg. comp. | 0 | _ | 0 | 0 | | | | |
| 3274 sodium hydroxide | 24 | | _ | 24 | | | | _ |
| 3275 inorg. elem., oxides, & halogen salts | 190 | 43 | | 147 | | l | | |
| 3276 metallic salts 3282 pigments & paints | 441 0 | | 28 0 | 148 | _ | 152 | _ | 112 |
| 3283 coloring mat. nec | Ő | | | 0 | | | | |
| 3285 perfumes & cleansers | 1 0 | _ | _ | 1 | | | | |
| 3286 plastics 3297 chemical additives | 0 | | | 0 0 | | _ | _ | _ |
| Total crude materials, inedible except fuels | 102,792 | 15,505 | 297 | 12,799 | 114 | 68,629 | 984 | 4,465 |
| Subtotal forest products, wood and chips | 258 | 151 | 82 | 24 | _ | 1 | _ | 0 |
| 4110 rubber & gums | 0 | | _ | | | - | | 0 |
| 4161 wood chips 4170 wood in the rough | 1 96 | 61 | 22 | 13 | | 1 1 | _ | |
| 4189 lumber | 161 | 90 | 60 | 11 | | Ö | | 0 |
| Subtotal pulp and waste paper | 106 | | 85 | | 21 | | | |
| 4225 pulp & waste paper Subtotal soil, sand, gravel, rock and | 106 36,966 | 4,453 | 85 5 | 3,811 | 21 — | 26,631 | 205 | 1,861 |
| stone 4310 building stone | 74 | | 0 | | | 74 | | _ |
| 4322 limestone | 31,263 | 2,852 | _ | 3,107 | | 25,282 | 205 | 22 |
| 4323 gypsum 4331 sand & gravel | 892 4,696 | 1,601 | 5 | 163 541 | | 524 709 | 205 0 | 1,840 |
| 4335 waterway improv. mat | 42 | | | | | 42 | | · — |
| 4338 soil & fill dirt Subtotal iron ore and scrap | 0 56,591 | 5,316 | _ | 8,193 | | 40,331 | 267 | 0 2,483 |
| 4410 iron ore | 56,418 | 5,289 | _ | 8,176 | | 40,305 | 204 | 2,445 |
| 4420 iron & steel scrap | 173 | 27 | | 17 | | 27 | 64 | 38 |
| Subtotal non-ferrous ores and scrap 4650 aluminum ore | 278 99 | 69 | 84 51 | 47 | 11 | | 66 48 | |
| 4680 non-ferrous scrap | 23 | 10 | | | | | 13 | |
| 4690 non-ferrous ores nec Subtotal sulphur, clay and salt | 156 618 | 59 373 | 33 11 | 47 73 | 11 82 | 34 | 6 45 | |
| 4782 clay & refrac. mat. | 618 | | 11 | 73 | 82 | 34 | 45 | |
| Subtotal slag | 2,203 | 1,074 | 0 | 145 | _ | 580 | 395 | 9 |
| | 2 202 | 1,074 | 0 | 145 | | 580 | 395 | 9 |
| 4860 slag Subtotal other non-metal. min. | 2,203 5,771 | 4,068 | 29 | 506 | | 1,051 | 5 | 112 |

TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES BY TYPE OF TRAFFIC AND COMMODITY Freight Traffic, 2005 - continued (thousand short tons)

| | | (11.0000110 | For | eign | | Domestic | | | |
|--|-----------------|-------------|-------------------|-------------|------------------|----------|-------------|-------------|--|
| Commodity | Grand Total | | ound Overseas* | | ound Overseas | Lakewise | Internal | Intraport | |
| Total primary manufactured goods | 10,489 | 3,749 | 1,827 | 186 | 1 | 3,860 | 448 | 418 | |
| Subtotal paper products | 0,403 | 3,743 | 0 | | | | | | |
| 5190 paper products nec | 0 | | 0 | | | | | | |
| Subtotal lime, cement and glass | 7,213 | 3,356 | | 156 | | 3,668 | 4 | 29 | |
| 5220 cement & concrete | 7,140 0 | 3,285 | | 155 0 | | 3,668 | 3 | 29 —- | |
| 5240 glass & glass prod. 5290 misc. mineral prod. | 72 | 71 | | 0 | _ | 0 | 1 | | |
| Subtotal primary iron and steel | 2,820 | 249 | 1,523 | 29 | | 191 | 441 | 387 | |
| products | ,- | | - | | | | | | |
| 5312 pig iron | 367 | 149 | 32 | | | 74 | 112 | | |
| 5315 ferro alloys | 16 | 42 | 3 | | | | 13 | 3 | |
| 5320 i&s primary forms 5330 i&s plates & sheets | 832 916 | 43 57 | 738 552 | 28 1 | _ | 1 | 20 182 | 124 | |
| 5360 i&s bars & shapes | 159 | 0 | 142 | | | | 3 | 14 | |
| 5370 i&s pipe & tube | 55 | 0 | 54 | 0 | _ | 0 | _ | | |
| 5390 primary i&s nec | 474 | | 1 | | | 115 | 112 | 246 | |
| Subtotal primary non-ferrous metal | 453 | 144 | 301 | 1 | 1 | 1 | 3 | 2 | |
| products | ^ | | ^ | | | | | | |
| 5421 copper 5422 aluminum | 0 58 | 58 | 0 | 0 | _ | | | | |
| 5429 smelted prod. nec | 6 | | 4 | | _ | | 1 | | |
| 5480 fab. metal products | 390 | 87 | 296 | 1 | 1 | 1 | 2 | 2 | |
| Subtotal primary wood products | 3 | | 3 | | | | | | |
| 5540 primary wood prod. | 3 | _ | 3 | | _ | | _ | | |
| Total food and farm products | 5,498 | 293 | 35 | 2,326 | 2,290 | 335 | 209 | 9 | |
| Subtotal fish | 7 | | | 0 | · — | 7 | | | |
| 6134 fish (not shellfish) | 7 | | | _0 | | 7 | | | |
| Subtotal grain | 4,040 | 275 | | 1,475 | 1,840 | 307 | 135 | 7 | |
| 6241 wheat 6344 corn | 2,660 1,012 | 146 | | 902 565 | 1,454 344 | 118 | 32 103 | 7 | |
| 6443 barley & rye | 42 | | | | 42 | | | | |
| 6445 oats | 326 | 129 | | 9 | | 189 | | | |
| Subtotal oilseeds | 1,018 | 18 | | 764 | 140 | 21 | 73 | 2 | |
| 6522 soybeans | 935 | 18 | _ | 764 | 116 | 21 | 14 | 2 | |
| 6534 flaxseed | 24 58 | | | | 24 | | | | |
| 6590 oilseeds nec Subtotal vegetable products | 250 | | | 82 | 168 | | 58 —- | | |
| 6654 vegetables & prod. | 250 | | | 82 | 168 | | | | |
| Subtotal processed grain and animal | 87 | | | 0 | 86 | 0 | 2 | 0 | |
| feed | | | | | | | | | |
| 6747 grain mill products | 0 | | | 0 | | 0 | | 0 | |
| 6782 animal feed, prep. | 87 96 | | 25 | 4 | 86 56 | | 2 | | |
| Subtotal other agricultural products 6822 dairy products | 0 | | 35 | 0 | 56 | | _ | | |
| 6835 fish, prepared | 0 | | | 0 | | | | | |
| 6861 sugar | 35 | | 35 | | _ | | | | |
| 6885 alcoholic beverages | 4 | | | 4 | | | | | |
| 6889 food products nec | 0 | | | 0 | | | | | |
| 6891 tobacco & products | 0 | | 0 | | | | _ | | |
| 6899 farm products nec | 56 | _ | | | 56 | | | | |
| Total all manufactured equipment, | 103 | 2 | 36 | 8 | 1 | 29 | 9 | 18 | |
| machinery and products 7110 machinery (not elec) | 58 | 1 | 23 | 6 | 1 | 1 | 9 | 18 | |
| 7120 electrical machinery | 2 | 1 | 1 | 0 | | | Ő | —- | |
| 7210 vehicles & parts | 3 | Ö | 2 | Ő | | 0 | | 0 | |
| 7230 ships & boats | 0 | - | 0 | | | 0 | | | |
| 7400 manufac. wood prod. | 0 | - | 0 | | _ | 0 | 0 | | |
| 7500 textile products | 3 | | 2 | 0 | _ | 1 | | | |
| 7600 rubber & plastic pr. 7900 manufac. prod. nec | 1 | | 1 | 0 | _ | | | | |
| 900 manufac. prod. nec | 35 | 0 | 7 | 1 | | 27 | | | |
| Total unknown or not elsewhere | 86 | 7 | 54 | 0 | _ | 25 | _ | | |
| classified 9900 unknown or nec | 86 | 7 | 54 | 0 | | 25 | | | |
| COOC GIRGIOWIT OF TICO | 00 | ' | 34 | U | | 25 | | | |

Tons All Traffic (x1000)
Total Trip-ton-miles Internal and Intraport (x1000) 169,411 3,018,388

^{*}Includes 8,082 tons of foreign inbound in-transits; Includes 10,275 tons of Canadian inbound in-transits.

Section 1 Freight Traffic

WAUKEGAN HARBOR, IL

Section Included: Artificial harbor basin of about 13.5 acres and entrance channel from Lake Michigan approximately 2,200 feet in length. Project Depth: 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 (thousand short tons)

| | Year | Total | Year | Total | Year | Total | Year | Total |
|---|------|-------|------|-------|------|-------|------|-------|
| | 1996 | 469 | 1999 | 560 | 2002 | 552 | 2005 | 643 |
| | 1997 | 473 | 2000 | 740 | 2003 | 641 | | |
| | 1998 | 555 | 2001 | 518 | 2004 | 571 | | |
| - | | | 1 | | I | | I | |

Freight Traffic, 2005 (thousand short tons)

| Commodity | Grand Total | Lake | ewise |
|--|-------------|----------|-------------|
| Commodity | Grand Total | Receipts | Shipments |
| | | | |
| Total, all commodities | 643 | 637 | 6 |
| Total crude materials, inedible except fuels | 298 | 297 | 1 |
| Subtotal soil, sand, gravel, rock and stone | 298 | 297 | 1 |
| 4323 gypsum | 297 | 297 | |
| 4335 waterway improv. mat | 1 | _ | 1 |
| Total primary manufactured goods | 345 | 340 | 5 |
| Subtotal lime, cement and glass | 345 | 340 | 5 |
| 5220 cement & concrete | 345 | 340 | 5 |

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

Section Included: Main River from Rush Street to junction of North and South Branch; North Branch to North Avenue. Project Depth: 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.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 700 | 1999 | 949 | 2002 | 1,269 | 2005 | 1,662 |
| 1997 | 733 | 2000 | 1,178 | 2003 | 1,828 | | |
| 1998 | 935 | 2001 | 1,413 | 2004 | 1,730 | | |
| | | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| | | | Inte | | |
|--|-------------------|----------------|---------------|---------|---------------|
| Commodity | Grand Total | Inbound | Outbound | Thro | |
| | | Upbound | Downbnd | Upbound | Downbnd |
| Total, all commodities | 1,662 | 1,209 | 347 | 101 | 5 |
| Total coal | 36 | 36 | _ | | _ |
| 1200 coal coke | 36 | 36 | | | |
| Total petroleum and petroleum products | 33 | 3 | _ | 25 | 5 |
| Subtotal petroleum products 2330 distillate fuel oil | 33 3 | 3 | | 25 | 5 3 |
| 2340 residual fuel oil | 3 4 | | | 2 | 3 |
| 2540 petroleum coke | 26 | 3 | | 23 | |
| Total chemicals and related products | 73 | 3 | _ | 70 | _ |
| Subtotal fertilizers | 3 | 3 | | | |
| 3110 nitrogenous fert. | 3 70 | 3 | | 70 | |
| Subtotal other chemicals and related products 3212 benzene & toluene | 2 | | | 2 | |
| 3276 metallic salts | 68 | | | 68 | _ |
| Total crude materials, inedible except fuels | 1,434 | 1,102 | 331 | 1 | _ |
| Subtotal soil, sand, gravel, rock and stone | 971 | 971 | | | |
| 4331 sand & gravel | 971 334 | 971 | 220 | | |
| Subtotal iron ore and scrap 4410 iron ore | 334 | 3 | 329 1 | 1 | |
| 4420 iron & steel scrap | 333 | 3 | 328 | 1 | |
| Subtotal sulphur, clay and salt | 2 | 2 | | | |
| 4782 clay & refrac. mat. | 2 | 2 | | | |
| Subtotal slag 4860 slag | 2 2 | | 2 2 | | |
| Subtotal other non-metal, min. | 127 | 127 | | | |
| 4900 non-metal. min. nec | 127 | 127 | | | |
| Total primary manufactured goods | 81 | 65 | 16 | _ | _ |
| Subtotal lime, cement and glass | 78 | 62 | 16 | | |
| 5220 cement & concrete Subtotal primary iron and steel products | 78 3 | 62 3 | 16 | | |
| 5315 ferro alloys | 3 | 3 | | | _ |
| Subtotal primary non-ferrous metal products | 1 | 1 | | | |
| 5422 aluminum | 1 | 1 | | | |
| Total food and farm products | 5 | _ | _ | 5 | _ |
| Subtotal grain | 3 | | | 3 | |
| 6241 wheat | 2 | | | 2 | |

CHICAGO RIVER (MAIN AND NORTH BRANCH), IL (INCLUDED IN PORT OF CHICAGO) Freight Traffic, 2005 - continued (thousand short tons)

| | | Internal | | | | |
|--|--------------------|----------|----------|--------------------|---------|--|
| Commodity | Grand Total | Inbound | Outbound | Thro | ugh | |
| | | Upbound | Downbnd | Upbound | Downbnd | |
| 6344 corn Subtotal oilseeds 6522 soybeans | 2 2 2 | <u></u> | = | 2 2 2 | = | |
| Ton-miles (x1000) | 1,001 | 671 | 331 | 0 | 0 | |

Tons All Traffic (x1000) 1,662
Ton-miles All Traffic (x1000) 1,001
Total Trip-ton-miles Internal and Intraport (x1000) 646,530

CHICAGO RIVER, SOUTH BRANCH, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY)

Section Included: Damen Avenue to Lake Street. Maintained Depth: 9 feet at low water stages.

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 1,088 | 1999 | 1,680 | 2002 | 2,197 | 2005 | 3,515 |
| 1997 | 1,247 | 2000 | 1,598 | 2003 | 3,946 | | |
| 1998 | 1,500 | 2001 | 2,286 | 2004 | 3,616 | | |
| | ., | | _, | | -, | | |

Freight Traffic, 2005 (thousand short tons)

| | | | | Internal | | |
|---|-----------------|---------|---------|-------------|---------------|---------------|
| Commodity | Grand Total | | ound | Outbound | | ugh |
| <u> </u> | | Upbound | Downbnd | Downbnd | Upbound | Downbnd |
| Total, all commodities | 3,515 | 1,633 | 3 | 220 | 1,214 | 445 |
| Total coal | 809 | 773 | | _ | 36 | |
| 1100 coal & lignite | 773 | 773 | | | | |
| 1200 coal coke | 36 | | _ | | 36 | _ |
| Total petroleum and petroleum products | 33 | | _ | _ | 8 | 25 |
| Subtotal petroleum products | 33 | | | | 8 | 25 |
| 2330 distillate fuel oil | 3 | | | | 3 | |
| 2340 residual fuel oil | 4 | | | | 3 | 2 |
| 2540 petroleum coke | 26 | | | | 3 | 23 |
| Total chemicals and related products | 73 | _ | _ | _ | 3 | 70 |
| Subtotal fertilizers | 3 | | | | 3 | |
| 3110 nitrogenous fert. Subtotal other chemicals and related products | 3 70 | | | | 3 | 70 |
| 3212 benzene & toluene | 2 | | | | | 2 |
| 3276 metallic salts | 68 | | | | | 68 |
| Total crude materials, inedible except fuels | 2,455 | 800 | 3 | 220 | 1,102 | 330 |
| Subtotal soil, sand, gravel, rock and stone | 1,767 | 796 | | | 971 | |
| 4331 sand & gravel | 1,767 | 796 | | | 971 | |
| Subtotal iron ore and scrap | 558 | 4 | 3 | 220 | 3 | 328 |
| 4410 iron ore | 1 | | | 220 | | 1 327 |
| 4420 iron & steel scrap Subtotal sulphur, clay and salt | 557 2 | 4 | 3 | 220 | 3 2 | 321 |
| 4782 clay & refrac. mat. | 2 | | | | 2 | |
| Subtotal slag | 2 | | | | | 2 |
| 4860 slag | 2 | | | | | 2 |
| Subtotal other non-metal. min. | 127 | | | | 127 | |
| 4900 non-metal. min. nec | 127 | | | | 127 | |
| Total primary manufactured goods | 140 | 59 | _ | | 65 | 16 |
| Subtotal lime, cement and glass | 137 | 59 | | | 62 | 16 |
| 5220 cement & concrete | 137 | 59 | | | 62 | 16 |
| Subtotal primary iron and steel products 5315 ferro alloys | 3 3 | | | | 3 3 | |
| Subtotal primary non-ferrous metal products | 1 | | | | 1 | |
| 5422 aluminum | i | | | | 1 | |
| Total food and farm products | 5 | | _ | | _ | 5 |
| Subtotal grain | 3 | | | | | 3 |
| 6241 wheat | 2 | | | | | 2 |
| 6344 corn | 2 | | | | | 2 |
| Subtotal oilseeds | 2 | | | | | 2 2 |
| 6522 soybeans | 2 | | | | | 2 |
| Ton-miles (x1000) | 10,638 | 2,330 | 13 | 0 | 6,072 | 2,224 |
| | | I | | | | |

 Tons All Traffic (x1000)
 3,515

 Ton-miles All Traffic (x1000)
 10,638

 Total Trip-ton-miles Internal and Intraport (x1000)
 960,093

LAKE CALUMET, IL (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. Project Depth: 27 feet.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 2,327 | 1999 | 1,986 | 2002 | 1,078 | 2005 | 1,692 |
| 1997 | 1,845 | 2000 | 1,924 | 2003 | 963 | | |
| 1998 | 2,354 | 2001 | 1,153 | 2004 | 1,366 | | |
| | | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| | | Foreign | Cana | ndian | | | Domestic | | |
|--|-----------------|---------|---------|----------|---------------|----------|-----------|--------------------|---------------------|
| Commodity | Grand Total | | | | Total | Lake | wise | | ernal |
| Commodity | Grand Total | Inbound | Inbound | Outbound | | Receipts | Shipments | Inbound Upbound | Outbound Downbnd |
| Total, all commodities | 1,692 | 3 | 104 | 59 | 1,526 | 416 | 24 | 1,037 | 49 |
| Total coal | 48 | | | 48 | | _ | | | |
| 1100 coal & lignite 1200 coal coke | 19 29 | _ | _ | 19 29 | | _ | | | |
| Total petroleum and petroleum products | 28 | | _ | | 28 | _ | _ | 28 | _ |
| Subtotal petroleum products | 28 | | _ | | 28 | _ | _ | 28 | _ |
| 2330 distillate fuel oil 2429 naphtha & solvents | 26 1 | _ | _ | _ | 26 1 | _ | _ | 26 1 | _ |
| Total chemicals and related products | 15 | | _ | | 15 | _ | _ | 10 | 6 |
| Subtotal other chemicals and related products | 15 | | _ | | 15 | _ | _ | 10 | 6 |
| 3219 other hydrocarbons | 4 | | | | 4 | | | 4 | |
| 3220 alcohols 3260 organic comp. nec | 10 1 | | _ | | 10 1 | _ | _ | 4 1 | 6 |
| Total crude materials, | 107 | | 54 | _ | 52 | _ | _ | 24 | 29 |
| inedible except fuels Subtotal forest products, | 2 | | | | 2 | | | 2 | |
| wood and chips 4161 wood chips | 2 | | | | 2 | | | 2 | |
| Subtotal soil, sand, | 42 | | 31 | | 11 | _ | | 11 | |
| gravel, rock and stone 4322 limestone | 19 | | 19 | | | | | | |
| 4331 sand & gravel | 23 | | 12 | | 11 | | | 11 | |
| Subtotal iron ore and scrap | 38 | _ | | - | 38 | _ | | 11 | 27 |
| 4420 iron & steel scrap Subtotal sulphur, clay and salt | 38 18 | _ | 18 | _ | 38 | _ | _ | 11 | <u>27</u> |
| 4782 clay & refrac. mat. | 18 | | 18 | | _ | _ | | | _ |
| Subtotal slag 4860 slag | 2 2 | _ | _ | _ | 2 2 | _ | _ | _ | 2 2 |
| Subtotal other non-metal. | 6 | | 6 | | _ | _ | | _ | _ |
| min. 4900 non-metal. min. nec | 6 | | 6 | | | | | _ | |
| Total primary | 1,439 | 3 | 50 | 11 | 1,375 | 416 | 24 | 920 | 15 |
| manufactured goods Subtotal lime, cement | 325 | | | | 325 | 306 | | 17 | 1 |
| and glass 5220 cement & concrete | 325 | | _ | | 325 | 306 | _ | 17 | 1 |
| Subtotal primary iron and steel products | 1,103 | 3 | 50 | 11 | 1,040 | 110 | 24 | 892 | 14 |
| 5312 pig iron | 465 | | _ | | 465 | _ | 24 | 441 | |
| 5315 ferro alloys 5320 i&s primary forms | 1 80 | | _ | 11 | 1 70 | | | 1 60 | 10 |
| 5330 i&s plates & sheets | 223 | 3 | 50 | | 170 | _ | | 168 | 3 |
| 5360 i&s bars & shapes | 58 | _ | | | 58 | _ | | 58 | |
| 5370 i&s pipe & tube 5390 primary i&s nec | 0 276 | | | | 0 276 | 110 | | 0 164 | 1 |
| Subtotal primary | 11 | | | _ | 11 | | | 11 | |
| non-ferrous metal products 5480 fab. metal products | 11 | | _ | _ | 11 | _ | _ | 11 | |
| Total food and farm | 54 | | _ | - | 54 | _ | _ | 54 | _ |
| products Subtotal vegetable | 12 | _ | _ | | 12 | | _ | 12 | |
| products 6653 vegetable oils | 12 | | | | 12 | | | 12 | |
| Subtotal other | 42 | | | | 42 | _ | _ | 42 | |
| agricultural products 6861 sugar | 42 | | _ | | 42 | | _ | 42 | _ |
| Total all manufactured equipment, machinery and products | 1 | | _ | _ | 1 | _ | _ | 1 | _ |
| 7900 manufac. prod. nec | 1 | | | | 1 | | | 1 | |

LAKE CALUMET, IL (INCLUDED IN PORT OF CHICAGO) Freight Traffic, 2005 - continued (thousand short tons)

| | | Foreign | Cana | adian | n Domestic | | | | |
|----------------------|-------------|---------|------------|----------|------------|--------------------|-----------|----------|----------|
| Commodity | Grand Total | | | | Total | Lakewise | | Internal | |
| Commodity | Gianu iolai | Inbound | nd Inbound | Outbound | | Receipts Shipments | | Inbound | Outbound |
| | | | | | | Receipts | Shipments | Upbound | Downbnd |
| | | | | | | | | | |
| Ton-miles (x1000) | 1,361 | 3 | 37 | 5 | 1,316 | 416 | 16 | 849 | 35 |

Tons All Traffic (x1000) Ton-miles All Traffic (x1000) Total Trip-ton-miles Internal and Intraport (x1000) 1,692 1,361 1,369,248

CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO)

Section Included: Calumet Harbor and River to turning basin no. 5 (130th Street Bridge). Project Depth: 29 feet in approach channel, 28 feet in outer harbor anchorage area, 27 feet in river entrance channel to E. J. & E. R. Bridge, and 27 feet in river to and including Basin No. 5, (130th Street Bridge).

| [| Year | Total | Year | Total | Year | Total | Year | Total |
|---|------|--------|------|--------|------|--------|------|--------|
| | 1996 | 20,167 | 1999 | 15,895 | 2002 | 11,034 | 2005 | 14,770 |
| | 1997 | 16,552 | 2000 | 13,925 | 2003 | 11,213 | | , |
| | 1998 | 16,703 | 2001 | 11,481 | 2004 | 15,396 | | |
| | | , | | , | | , | | |

Freight Traffic, 2005 (thousand short tons)

| | | Fo | reign | | Cana | adian | |
|---|------------------|-----------|---------|------------------|----------|---------|----------------|
| Commodity | Total | Inbound | Through | Inbound | Outbound | | ough |
| | | IIIDOUIIG | Downbnd | IIIDOUIIG | Outbound | Upbound | Downbnd |
| Total, all commodities | 2,746 | 101 | 3 | 1,038 | 1,442 | 59 | 104 |
| Total coal | 1,109 | | | _ | 1,061 | 48 | |
| 1100 coal & lignite | 645 | | | | 625 | 19 | |
| 1200 coal coke | 464 | _ | _ | _ | 435 | 29 | |
| Total petroleum and petroleum products | 306 | _ | | 64 | 242 | _ | _ |
| Subtotal petroleum products 2340 residual fuel oil | 306 11 | | | 64 11 | 242 | | |
| 2429 naphtha & solvents | 2 | _ | | 2 | | | |
| 2430 asphalt, tar & pitch | 6 | | | 6 | | | |
| 2540 petroleum coke | 286 | _ | | 44 | 242 | | |
| Total chemicals and related products | 49 | 6 | _ | 20 | 24 | _ | _ |
| Subtotal fertilizers | 16 | | | 16 | | | |
| 3130 potassic fert. | 16 | _ | | 16 | | | |
| Subtotal other chemicals and related products 3212 benzene & toluene | 34 4 | 6 | | 4 4 | 24 | | |
| 3219 other hydrocarbons | 6 | 6 | | | | | |
| 3240 nitrogen func. comp. | 0 | 0 | | | | | |
| 3275 inorg. elem., oxides, & halogen salts | 24 | _ | | _ | 24 | | |
| 3282 pigments & paints | 0 | 0 | _ | _ | | | _ |
| Total crude materials, inedible except fuels | 1,009 | 0 | _ | 954 | _ | | 54 |
| Subtotal soil, sand, gravel, rock and stone | 158 | 0 | | 127 | | | 31 |
| 4310 building stone 4322 limestone | 0 95 | 0 | | 76 | | | 19 |
| 4331 sand & gravel | 63 | _ | | 51 | | | 19 |
| Subtotal iron ore and scrap | 172 | | | 172 | | | |
| 4410 iron ore | 172 | _ | | 172 | | | |
| Subtotal sulphur, clay and salt | 43 | | | 26 | | | 18 |
| 4782 clay & refrac. mat. Subtotal other non-metal. min. | 43 635 | _ | | 26 629 | | | 18 6 |
| 4900 non-metal. min. nec | 635 | _ | _ | 629 | _ | _ | 6 |
| Total primary manufactured goods | 154 | 90 | 3 | | 1 | 11 | 50 |
| Subtotal paper products | 0 | 0 | | | | | |
| 5190 paper products nec | 0 | 0 | | | | | |
| Subtotal primary iron and steel products | 141 | 76 | 3 | | 1 | 11 | 50 |
| 5320 i&s primary forms 5330 i&s plates & sheets | 30 110 | 19 57 | 3 | | 1 | 11 | 50 |
| 5370 i&s pipe & tube | 0 | 0 | | | | | |
| 5390 primary i&s nec | 1 | 1 | | | | | |
| Subtotal primary non-ferrous metal products | 14 | 14 | | | | | |
| 5480 fab. metal products | 14 | 14 | | | | _ | |
| Total food and farm products | 115 | 0 | _ | | 115 | _ | _ |
| Subtotal oilseeds | 115 | - | | | 115 | | |
| 6522 soybeans Subtotal other agricultural products | 115 0 | 0 | | | 115 | | |
| 6891 tobacco & products | 0 | 0 | | | _ | _ | _ |
| Total all manufactured equipment, machinery and | 5 | 5 | _ | _ | | _ | |
| products | | | | | | | |
| 7110 machinery (not elec) | 1 | 1 1 | | | | | |

CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO) Freight Traffic, 2005 - continued (thousand short tons)

| | | | Fo | reign | | Cana | adian | |
|------|-------------------------------------|-------|-----------|---------|-----------|-----------|---------|---------|
| | Commodity | Total | Inbound | Through | Inbound | Outbound | Thro | ugh |
| | | | IIIDOUIIU | Downbnd | IIIbouria | Outbourid | Upbound | Downbnd |
| | | | | | | | | |
| 7120 | electrical machinery | 0 | 0 | | | | | |
| 7210 | vehicles & parts | 2 | 2 | | | | | |
| 7400 | manufac. wood prod. | 0 | 0 | | | | | |
| 7500 | textile products | 2 | 2 | | | | | |
| 7600 | rubber & plastic pr. | 0 | 0 | | | | | |
| 7900 | manufac. prod. nec | 0 | 0 | | _ | | | |
| Tota | unknown or not elsewhere classified | 0 | 0 | _ | | _ | _ | |
| 9900 | unknown or nec | 0 | 0 | _ | _ | | _ | _ |
| | miles (x1000) n & Canadian | 9,789 | 347 | 16 | 2,739 | 5,709 | 353 | 626 |

| | | | Lake | wise | |
|---|-----------------|-----------------|---------------|---------|-------------|
| Commodity | Total | Receipts | Shipments - | Thro | ough |
| | | Receipis | Shipments | Upbound | Downbnd |
| | | | | | |
| Total, all commodities | 4,933 | 880 | 3,612 | 24 | 416 |
| Total coal | 3,119 | 18 | 3,102 | | |
| 1100 coal & lignite | 2,616 | 18 | 2,598 | | |
| 1200 coal coke | 503 | | 503 | | |
| Total petroleum and petroleum products | 89 | 11 | 77 | _ | _ |
| Subtotal petroleum products | 89 | 11 | 77 | | |
| 2430 asphalt, tar & pitch | 6 | 6 | | | |
| 2540 petroleum coke | 83 | 5 | 77 | | |
| Total crude materials, inedible except fuels | 865 | 692 | 173 | | _ |
| Subtotal forest products, wood and chips | 1 | | 1 | | |
| 4161 wood chips | 1 571 | 565 | 1 | | |
| Subtotal soil, sand, gravel, rock and stone 4322 limestone | 557 557 | 557 | 6 | | |
| 4323 gypsum | 6 | | 6 | | |
| 4331 sand & gravel | 3 | 3 | | | |
| 4335 waterway improv. mat | 5 | 5 | | | |
| Subtotal iron ore and scrap | 140 | | 140 | | |
| 4410 iron ore | 140 | _ | 140 | | |
| Subtotal sulphur, clay and salt 4782 clay & refrac. mat. | 3 3 | _ | 3 3 | | |
| 4782 clay & refrac. mat. Subtotal slag | 25 | 2 | 23 | | |
| 4860 slag | 25 | 2 | 23 | | |
| Subtotal other non-metal, min. | 125 | 125 | | | |
| 4900 non-metal. min. nec | 125 | 125 | _ | _ | |
| Total primary manufactured goods | 818 | 117 | 261 | 24 | 416 |
| Subtotal lime, cement and glass | 673 | 112 | 255 | | 306 |
| 5220 cement & concrete | 673 | 112 | 255 | | 306 |
| Subtotal primary iron and steel products | 145 | 5 | 6 | 24 | 110 |
| 5312 pig iron | 29 | | 6 | 24 | 440 |
| 5390 primary i&s nec | 115 | 5 | | | 110 |
| Total food and farm products | 42 | 42 | _ | _ | _ |
| Subtotal grain | 21 | 21 | | | |
| 6241 wheat Subtotal oilseeds | 21 21 | 21 21 | | | |
| 6522 soybeans | 21 | 21 | | | |
| 0022 Soybeans | 21 | 21 | | | |
| Ton-miles (x1000) Lakewise | 22,524 | 3,119 | 16,814 | 95 | 2,497 |

| | 0 111 | | | | Inte | | | |
|--------|----------------------------------|-------|---------|---------|---------|---------|---------|---------|
| | Commodity | Total | Inbo | | Outb | | Thro | |
| | | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| | | | | | | | | |
| Total, | all commodities | 7,091 | 2,874 | 3 | 2 | 1,040 | 1,789 | 1,385 |
| Total | coal | 794 | 135 | _ | _ | 31 | 618 | 9 |
| 1100 | coal & lignite | 158 | 89 | | | 20 | 49 | |
| 1200 | coal coke | 636 | 46 | | | 11 | 569 | 9 |
| Total | petroleum and petroleum products | 1,909 | 1,285 | 3 | _ | 211 | 198 | 212 |
| Sub | total petroleum products | 1,909 | 1,285 | 3 | | 211 | 198 | 212 |
| 2211 | gasoline | 26 | | | | | 26 | |
| 2330 | distillate fuel oil | 133 | | | | | 36 | 97 |
| 2340 | residual fuel oil | 34 | 12 | 3 | | | 20 | |
| 2429 | naphtha & solvents | 60 | | | | | 12 | 47 |
| 2430 | asphalt, tar & pitch | 7 | l —- | | | | | 7 |

CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO) Freight Traffic, 2005 - continued (thousand short tons)

| | Commodity | Total | - اسا | und | | rnal | TI | nuah |
|--------------------|--|-------------------|-----------------|-----------------|---------|-----------------|-----------------|-------------------|
| | Commodity | Total | Upbound | ound Downbnd | Upbound | ound Downbnd | Upbound | ough Downbnd |
| | | | - oppound | 20111101110 | Oppound | 201112114 | oppound | 201112114 |
| 2540 2990 | petroleum coke petro. products nec | 1,644 6 | 1,273 | _ | _ | 211 | 98 6 | 62 |
| | | | | | | | | |
| | chemicals and related products total fertilizers | 116 75 | 41 34 | | | 6 | 38 38 | 31 3 |
| 3110 | nitrogenous fert. | 62 | 34 | | | | 28 | |
| 3120 | phosphatic fert. | 5 | | | | | 2 | 3 |
| 3130 3190 | potassic fert. fert. & mixes nec | 5 3 | | | | | 5 3 | |
| Sub | total other chemicals and related products | 41 | 7 | | _ | 6 | _ | 28 |
| 3276 | metallic salts | 34 4 | 4 | | _ | 6 | _ | 28 |
| 3279 3299 | inorganic chem. nec chem. products nec | 3 | 3 | | | _ | _ | _ |
| | • | | | | | 200 | 607 | 250 |
| | crude materials, inedible except fuels total forest products, wood and chips | 1,782 19 | 424 19 | | | 362 | 637 | 359 —- |
| 4161 | wood chips | 9 | 9 | | | | | |
| 4190 | forest products nec total soil, sand, gravel, rock and stone | 10 230 | 10 25 | _ | _ | | 205 | _ |
| 4322 | limestone | 22 | 22 | | _ | _ | 203 | |
| 4323 | gypsum | 205 | | | _ | | 205 | _ |
| 4331 Sub | sand & gravel total iron ore and scrap | 3 759 | 3 146 | | | 337 | 250 | 27 |
| 4410 | iron ore | 397 | 144 | | | 50 | 191 | 13 |
| 4420 | iron & steel scrap | 362 | 2 | | | 287 | 59 | 14 |
| 4650 | total non-ferrous ores and scrap aluminum ore | 105 51 | 44 3 | | | _ | 61 48 | |
| 4670 | manganese ore | 35 | 35 | | _ | | | |
| 4680 | non-ferrous scrap | 13 | 6 | | _ | | 13 | _ |
| 4690 Sub | non-ferrous ores nec total sulphur, clay and salt | 6 133 | 88 | | | | 45 | |
| 4782 | clay & refrac. mat. | 133 | 88 | | _ | | 45 | |
| Sub 4860 | total slag slag | 433 433 | 4 4 | | | 25 25 | 76 76 | 328 328 |
| | total other non-metal. min. | 102 | 97 | | | | | 5 |
| 4900 | non-metal. min. nec | 102 | 97 | | | | | 5 |
| Total | primary manufactured goods | 1,956 | 968 | _ | _ | 153 | 235 | 600 |
| | total lime, cement and glass | 310 | 171 | | | 135 | _ | 4 |
| 5220 5290 | cement & concrete misc. mineral prod. | 308 2 | 171 | | | 134 1 | | 3 1 |
| Sub | total primary iron and steel products | 1,573 | 728 | | | 18 | 232 | 594 |
| 5312 5315 | pig iron ferro alloys | 373 206 | 249 190 | | | 12 3 | 112 13 | _ |
| 5320 | i&s primary forms | 26 | 3 | | _ | | 18 | 4 |
| 5330 | i&s plates & sheets | 433 | 127 | | | 1 | 63 | 241 |
| 5360 5390 | i&s bars & shapes primary i&s nec | 137 399 | 118 | | | 2 | 2 24 | 15 333 |
| Sub | total primary non-ferrous metal products | 73 | 69 | | _ | | 3 | 2 |
| 5422 5429 | aluminum | 4 11 | 4 9 | | | | 1 | |
| 5480 | smelted prod. nec fab. metal products | 59 | 56 | | _ | _ | 1 | 2 |
| Total | food and farm products | 492 | 22 | | 2 | 261 | 62 | 146 |
| Sub | total grain | 289 | 7 | | | 149 | 2 | 132 |
| 6241 6344 | wheat corn | 92 197 | 7 | | _ | 54 95 | 2 | 30 101 |
| | total oilseeds | 190 | 6 | | 2 | 109 | 58 | 14 |
| 6522 | soybeans | 130 | 5 | | 2 | 109 | | 14 |
| 6590 Sub | oilseeds nec total vegetable products | 60 2 | 1 2 | | | | 58 —- | |
| 6653 | vegetable oils | 2 | 2 | | | | _ | |
| Sub 6782 | total processed grain and animal feed animal feed, prep. | 5 5 | | _ | | 3 3 | 2 2 | |
| | total other agricultural products | 7 | 7 | | | | | |
| 6865 | molasses | 7 | 7 | _ | | | | |
| Total | all manufactured equipment, machinery and | 42 | | _ | _ | 15 | 0 | 26 |
| 7 110 | machinery (not elec) | 26 | _ | | | | 0 | 26 |
| 7600 | rubber & plastic pr. | 15 | _ | _ | _ | 15 | _ | |
| | niles (x1000) | 26,923 | 5,703 | 15 | 3 | 2,162 | 10,731 | 8,308 |
| Interna | 11 | | I | | | | | |

Tons All Traffic (x1000) 14,770
Ton-miles All Traffic (x1000) 59,237
Total Trip-ton-miles Internal and Intraport (x1000) 6,031,248

PORT OF CHICAGO, IL

Section Included: Chicago Harbor, Chicago River, Main and North Branch, Chicago River, South Branch, Chicago Sanitary and Ship Canal, Calumet-Sag Channel and Lake Calumet, IL, Calumet Harbor and River, IL and IN. Project Depth: See Chicago Harbor, Chicago River, Main and North Branch, Chicago River, South Branch, Chicago Sanitary and Ship Canal, Calumet-Sag Channel and Lake Calumet, IL, Calumet Harbor and River, IL and IN.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|--------|------|--------|------|--------|------|--------|
| 1996 | 27,886 | 1999 | 26,602 | 2002 | 20,403 | 2005 | 25,821 |
| 1997 | 24,868 | 2000 | 23,929 | 2003 | 22,610 | | - |
| 1998 | 25,979 | 2001 | 21,976 | 2004 | 24,602 | | |
| | | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| Commodity | Total | Foreign Inbound | Canad Inbound (| ian Outbound |
|--|---------------------|--------------------|--------------------|---------------------|
| Total, all commodities | 2,746 | 104 | 1,142 | 1,501 |
| · | | 104 | 1,172 | |
| Total coal 1100 coal & lignite | 1,109 645 | _ | | 1,109 645 |
| 1200 coal coke | 464 | _ | _ | 464 |
| Total petroleum and petroleum products | 306 | | 64 | 242 |
| Subtotal petroleum products 2340 residual fuel oil | 306 11 | | 64 11 | 242 |
| 2429 naphtha & solvents | 2 | | 2 | |
| 2430 asphalt, tar & pitch 2540 petroleum coke | 6 286 | _ | 6 44 | 242 |
| Total chemicals and related products | 49 | 6 | 20 | 24 |
| Subtotal fertilizers | 16 | _ | 16 | |
| 3130 potassic fert. Subtotal other chemicals and related products | 16 34 | 6 | 16 4 | 24 |
| 3212 benzene & toluene | 4 | | 4 | |
| 3219 other hydrocarbons | 6 | 6 | | |
| 3240 nitrogen func. comp. 3275 inorg. elem., oxides, & halogen salts | 0 24 | 0 | | 24 |
| 3275 inorg. elem., oxides, & halogen salts 3282 pigments & paints | 0 | 0 | | |
| Total crude materials, inedible except fuels | 1,009 | 0 | 1,009 | _ |
| Subtotal soil, sand, gravel, rock and stone 4310 building stone | 158 | 0 0 | 158 | _ |
| 4322 limestone | 95 | | 95 | |
| 4331 sand & gravel | 63 | | 63 | |
| Subtotal iron ore and scrap 4410 iron ore | 172 172 | | 172 172 | |
| Subtotal sulphur, clay and salt | 43 | | 43 | |
| 4782 clay & refrac. mat. | 43 | | 43 | |
| Subtotal other non-metal. min. 4900 non-metal. min. nec | 635 635 | _ | 635 635 | _ |
| Total primary manufactured goods | 154 | 93 | 50 | 12 |
| Subtotal paper products 5190 paper products nec | 0 0 | 0 0 | | |
| Subtotal primary iron and steel products | 141 | 79 | 50 | 12 |
| 5320 i&s primary forms | 30 | 19 | | 11 |
| 5330 i&s plates & sheets 5370 i&s pipe & tube | 110 0 | 59 0 | 50 | 1 |
| 5370 i&s pipe & tube 5390 primary i&s nec | 1 | 1 | | _ |
| Subtotal primary non-ferrous metal products | 14 | 14 | | |
| 5480 fab. metal products | 14 | 14 | | |
| Total food and farm products Subtotal oilseeds | 115 115 | 0 | _ | 115 115 |
| 6522 soybeans | 115 | | | 115 |
| Subtotal other agricultural products | 0 | 0 | | |
| 6891 tobacco & products | 0 | 0 | | |
| Total all manufactured equipment, machinery and products 7110 machinery (not elec) | 5 | 5 | _ | _ |
| 7110 Machinery (not elec) 7120 electrical machinery | 0 | 0 | | |
| 7210 vehicles & parts | 2 | 2 | | |
| 7400 manufac. wood prod. 7500 textile products | 0 2 | 0 2 | | _ |
| 7600 rubber & plastic pr. | 0 | 0 | | |
| 7900 manufac. prod. nec | 0 | 0 | | |
| Total unknown or not elsewhere classified | 0 | 0 | _ | |
| 9900 unknown or nec | 0 | 0 | | |

PORT OF CHICAGO, IL Freight Traffic, 2005 - continued (thousand short tons)

| | | Domestic | | | | |
|---|--------------------|-------------------|--------------------|--------------------|-----------------------|--------------------|
| Commodity | Total | Lakev Receipts | vise Shipments | Receipts | Internal Shipments | Intraport |
| | | Receipts | Shipments | Receipts | Shipments | ппароп |
| Total, all commodities | 23,074 | 1,296 | 3,636 | 9,505 | 3,383 | 5,253 |
| Total coal 1100 coal & lignite | 6,059 5,321 | 18 18 | 3,102 2,598 | 218 102 | 137 20 | 2,585 2,582 |
| 1200 coal coke | 738 | | 503 | 116 | 116 | 2,562 |
| Total petroleum and petroleum products | 3,933 | 11 | 77 | 1,958 | 1,150 | 736 |
| Subtotal petroleum products 2211 gasoline | 3,933 74 | 11 | 77 | 1,958 74 | 1,150 | 736 |
| 2221 Kerosene | 6 | | _ | 6 | | |
| 2330 distillate fuel oil 2340 residual fuel oil | 610 306 | | _ | 276 191 | 125 92 | 210 23 |
| 2350 lube oil & greases 2429 naphtha & solvents | 103 80 | | | 100 36 | 1 39 | 1 5 |
| 2430 asphalt, tar & pitch | 398 | 6 | —- 77 | 216 | 162 | 14 |
| 2540 petroleum coke 2640 hydrocarbon & petrol gases, liquefied and gaseous | 2,345 8 | 5 — | 77 — | 1,052 | 727 —- | 483 |
| 2990 petro. products nec | 4 | | | | 4 | _ |
| Total chemicals and related products Subtotal fertilizers | 1,274 37 | | _ | 1,106 37 | 130 | 38 |
| 3110 nitrogenous fert. | 37 | | | 37 | | |
| Subtotal other chemicals and related products 3212 benzene & toluene | 1,238 56 | | _ | 1,069 7 | 130 48 | 38 1 |
| 3219 other hydrocarbons | 114 | | _ | 49 | 45 | 20 |
| 3220 alcohols 3260 organic comp. nec | 492 16 | | _ | 457 16 | 33 | 1 |
| 3274 sodium hydroxide 3275 inorg. elem., oxides, & halogen salts | 408 25 | | _ | 406 25 | 1 | _ |
| 3276 metallic salts | 118 | | | 99 | 3 | 15 |
| 3279 inorganic chem. nec 3297 chemical additives | 4 1 | | _ | 4 | | _ |
| 3299 chem. products nec | 3 | | _ | 3 | _ | _ |
| Total crude materials, inedible except fuels | 7,032 224 | 692 | 173 | 3,035 223 | 1,266 | 1,866 |
| Subtotal forest products, wood and chips 4161 wood chips | 214 | | 1 1 | 213 | | = |
| 4190 forest products nec Subtotal soil, sand, gravel, rock and stone | 10 4,514 | 565 | 6 | 10 1,789 | 315 | 1,839 |
| 4322 limestone | 579 | 557 | | 22 | | |
| 4323 gypsum 4331 sand & gravel | 6 3,912 | 3 | 6 | 1,754 | 315 | 1,839 |
| 4335 waterway improv. mat Subtotal iron ore and scrap | 17 1,262 | 5 | 140 | 12 172 | 923 | 27 |
| 4410 iron ore | 335 | | 140 | 144 | 51 | |
| 4420 iron & steel scrap Subtotal non-ferrous ores and scrap | 927 44 | | _ | 28 44 | 872 —- | 27 — |
| 4650 aluminum ore 4670 manganese ore | 3 35 | | _ | 3 35 | _ | _ |
| 4690 non-ferrous ores nec | 6 | | | 6 | | _ |
| Subtotal sulphur, clay and salt 4782 clay & refrac. mat. | 96 96 | | 3 3 | 93 93 | _ | |
| Subtotal slag 4860 slag | 57 57 | 2 2 | 23 23 | 4 4 | 28 28 | |
| Subtotal other non-metal. min. | 834 | 125 | _ | 709 | | |
| 4900 non-metal. min. nec | 834 | 125 | | 709 | | |
| Total primary manufactured goods Subtotal lime, cement and glass | 4,102 1,965 | 533 418 | 284 255 | 3,091 1,139 | 172 133 | 21 20 |
| 5220 cement & concrete | 1,965 1 | 418 | 255 | 1,139 | 133 1 | 20 |
| Subtotal primary iron and steel products | 2,043 | 115 | 29 | 1,858 | 39 | 2 |
| 5312 pig iron 5315 ferro alloys | 737 197 | | 29 —- | 695 194 | 12 3 | |
| 5320 i&s primary forms | 77 | | | 67 | 10 | |
| 5330 i&s plates & sheets 5360 i&s bars & shapes | 386 303 | | _ | 382 295 | 3 8 | 2 |
| 5370 i&s pipe & tube 5390 primary i&s nec | 3 340 | —- 115 | | 3 222 | | _ |
| Subtotal primary non-ferrous metal products | 94 | | | 94 | | |
| 5422 aluminum 5429 smelted prod. nec | 9 15 | | _ | 9 15 | _ | |
| 5480 fab. metal products | 70 | | | 70 | _ | |
| Total food and farm products Subtotal grain | 619 257 | 42 21 | _ | 95 2 | 475 229 | 7 5 |
| 6241 wheat | 93 | 21 | _ | 2 | 65 | 5 |
| 6344 corn Subtotal oilseeds | 164 172 | 21 | | 5 | 164 145 | |
| 6522 soybeans | 171 | 21 | _ | 3 | 145 | 2 |
| 6590 oilseeds nec Subtotal vegetable products | 1 14 | | | 1 14 | _ | |
| 6653 vegetable oils Subtotal processed grain and animal feed | 14 82 | _ | | 14 | —- 82 | |
| 6782 animal feed, prep. | 82 | | _ | | 82 | _ |

PORT OF CHICAGO, IL Freight Traffic, 2005 - continued (thousand short tons)

| | | | | Domestic | | |
|---|-------------------------------------|----------|-------------|------------------|----------------|-----------|
| Commodity | Total | Lake | ewise | | Internal | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Subtotal other agricultural products 6861 sugar 6865 molasses 6885 alcoholic beverages | 93 56 34 3 | | | 75 56 16 | 18 18 | |
| Total all manufactured equipment, machine rubber & plastic pr. rubber & plastic pr. empty containers manufac. prod. nec | ry and products 55 15 38 1 | | | 1 — — 1 | 53 15 38 | |

INDIANA HARBOR, IN

Section Included: Approach channel, outer harbor and canal entrance channel to the first E. J. & E. R. R. Bridge: Indiana Harbor Canal, including the Calumet River Branch to Columbus Drive Bridge and the Lake George Branch to 0.2 miles past Indianapolis Blvd. Project Depth: 29 feet in approach channel, 28 feet in harbor basin, 27 feet in canal entrance channel, and 22 feet in remainder of canal to 0.2 miles past Indianapolis Blvd. on Lake George Branch and Columbus Drive on Calumet River Branch.

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|--------|------|--------|------|--------|------|--------|
| 1996 | 16,893 | 1999 | 15,127 | 2002 | 13,839 | 2005 | 14,120 |
| 1997 | 16,524 | 2000 | 16,187 | 2003 | 14,133 | | - |
| 1998 | 14,910 | 2001 | 13,579 | 2004 | 18,228 | | |
| | | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| Commodity | Total | Foreign | Cana | adian |
|---|------------------------------------|------------------------|---------------------------------|--|
| | Tulai | Inbound | Inbound | Outbound |
| Total, all commodities | 374 | 86 | 171 | 117 |
| Total petroleum and petroleum products Subtotal petroleum products 2340 residual fuel oil 2429 naphtha & solvents 2430 asphalt, tar & pitch 2540 petroleum coke | 132 132 10 14 100 8 | | 23 23 10 6 6 | 109 109 — 8 94 8 |
| Total chemicals and related products Subtotal other chemicals and related products 3212 benzene & toluene 3219 other hydrocarbons 3275 inorg. elem., oxides, & halogen salts | 31 31 8 6 17 | | 23 23 — 6 17 | 8 8 8 |
| Total crude materials, inedible except fuels Subtotal iron ore and scrap 4410 iron ore Subtotal non-ferrous ores and scrap 4650 aluminum ore Subtotal slag 4860 slag | 177 90 90 51 51 35 | 51 51 51 | 126 90 90 35 35 | —————————————————————————————————————— |
| Total primary manufactured goods Subtotal primary iron and steel products 5320 i&s primary forms 5390 primary i&s nec Total all manufactured equipment, machinery and products | 35 35 35 0 | 35 35 35 0 | | |
| 7110 machinery (not elec) | 0 | 0 | | |

| | | Domestic | | | | | |
|--|--------|----------|-----------|----------|-----------|-----------|--|
| Commodity | Total | Lak | Lakewise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport | |
| | | | | | | | |
| Total, all commodities | 13,746 | 10,779 | 986 | 955 | 939 | 87 | |
| Total coal | 535 | 49 | | 486 | | _ | |
| 1100 coal & lignite | 24 | | | 24 | | _ | |
| 1200 coal coke | 511 | 49 | _ | 461 | _ | _ | |
| Total petroleum and petroleum products | 1,214 | 55 | 737 | 128 | 209 | 84 | |
| Subtotal petroleum products | 1,214 | 55 | 737 | 128 | 209 | 84 | |
| 2211 gasoline | 322 | 19 | 277 | 26 | | | |
| 2330 distillate fuel oil | 251 | 24 | 16 | 36 | 97 | 78 | |
| 2340 residual fuel oil | 50 | 13 | 12 | 18 | 2 | 6 | |
| 2429 naphtha & solvents | 60 | | | 12 | 47 | _ | |

INDIANA HARBOR, IN Freight Traffic, 2005 - continued (thousand short tons)

| 0 " | T | Domestic Lakewise Internal | | | | |
|--|---|--|--------------------|----------|--|---|
| Commodity | Total | | Shipments | Receipts | Internal Shipments | Intraport |
| 2430 asphalt, tar & pitch 2540 petroleum coke 2990 petro. products nec | 423 103 6 | —- —- —- | 416 15 | 30 6 | 7 57 — | |
| Total chemicals and related products | 14 | 7 | 3 | _ | 5 | _ |
| Subtotal fertilizers 3120 phosphatic fert. 3190 fert. & mixes nec Subtotal other chemicals and related products 3212 benzene & toluene | 6 3 3 9 9 | 7 7 | 3 3 | | 3 3 — 2 | |
| Total crude materials, inedible except fuels | 11,500 | 10,662 | 227 | 291 | 317 | 3 |
| Subtotal soil, sand, gravel, rock and stone 4322 limestone 4323 gypsum Subtotal iron ore and scrap 4410 iron ore 4420 iron & steel scrap Subtotal non-ferrous ores and scrap 4650 aluminum ore Subtotal slag 4860 slag Subtotal other non-metal. min. 4900 non-metal. min. nec | 1,092 882 211 9,784 9,736 48 42 42 563 563 19 | 858 852 6 9,715 9,705 10 — 76 76 14 | 30 30 11 | 205 | 24 9 14 — 289 289 5 5 | 3 3 3 ———————————————————————————————— |
| Total primary manufactured goods Subtotal lime, cement and glass 5220 cement & concrete 5290 misc. mineral prod. Subtotal primary iron and steel products 5312 pig iron 5315 ferro alloys 5320 i&s primary forms 5330 i&s plates & sheets 5360 i&s bars & shapes 5390 primary iks nec Subtotal primary non-ferrous metal products 5480 fab. metal products | 481 4 3 1 475 36 1 12 76 4 346 2 2 | 5 | 20 | 50 | 406 4 3 1 400 — 74 4 321 2 2 | |
| Total all manufactured equipment, machinery and products | 1 | | _ | 0 | 1 | |
| 7110 machinery (not elec) | 1 | | | 0 | 1 | |

BURNS WATERWAY HARBOR, IN

Section Included: Approach channel, outer harbor, and two harbor arms. Project Depth: 30 feet in approach channel, 28 feet in outer harbor, and 27 feet in the east and west harbor arms.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|--------|------|-------|------|-------|------|-------|
| 1996 | 9,848 | 1999 | 7,456 | 2002 | 8,621 | 2005 | 9,812 |
| 1997 | 10,414 | 2000 | 9,346 | 2003 | 8,069 | | |
| 1998 | 9,006 | 2001 | 8,735 | 2004 | 9,802 | | |
| | · | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| Commodity | Total | For | eign | Cana | adian |
|--|------------------------------|---------|----------------------|------------------------------|------------------------|
| Commodity | Total | Inbound | Outbound | Inbound | Outbound |
| Total, all commodities | 2,189 | 501 | 105 | 1,096 | 487 |
| Total coal 1100 coal & lignite 1200 coal coke | 110 39 71 | | | | 110 39 71 |
| Total petroleum and petroleum products Subtotal petroleum products 2340 residual fuel oil 2540 petroleum coke | 136 136 6 130 | = | - | 6 6 6 | 130 130 — 130 |
| Total chemicals and related products Subtotal fertilizers 3130 potassic fert. Subtotal other chemicals and related products 3275 inorg. elem., oxides, & halogen salts | 85 62 62 23 23 | | —— —— —— —— | 85 62 62 23 23 | |
| Total crude materials, inedible except fuels Subtotal soil, sand, gravel, rock and stone 4322 limestone 4331 sand & gravel Subtotal iron ore and scrap | 995 25 14 10 902 | = | | 995 25 14 10 902 | = |
| 4410 iron ore | 902 | | | 902 | _ |

BURNS WATERWAY HARBOR, IN Freight Traffic, 2005 - continued (thousand short tons)

| O | T-4-1 | For | eign | Canadian | | |
|---|--|---|----------------------------|------------------------------------|--------------------------|--|
| Commodity | Total | Inbound | Outbound | Inbound | Outbound | |
| Subtotal sulphur, clay and salt 4782 clay & refrac. mat. Subtotal other non-metal. min. 4900 non-metal. min. nec | 49 49 19 19 | | | 49 49 19 19 | = | |
| Total primary manufactured goods Subtotal primary iron and steel products 5312 pig iron 5320 i&s primary forms 5330 i&s plates & sheets 5360 i&s bars & shapes 5370 i&s pipe & tube 5390 primary iks nec Subtotal primary non-ferrous metal products 5480 fab. metal products | 504 483 2 281 185 6 8 1 21 | 476 455 —— 256 185 6 8 1 21 | | 11 11 2 8 0 | 17 17 | |
| Total food and farm products Subtotal grain 6344 corn Subtotal oilseeds 6522 soybeans | 335 198 198 137 | | 105 105 105 ————— | | 230 93 93 137 137 | |
| Total all manufactured equipment, machinery and products 7110 machinery (not elec) 7210 vehicles & parts 7230 ships & boats 7900 manufac. prod. nec | 7 5 0 0 2 | 7 5 0 0 2 | | | —— —— —— | |
| Total unknown or not elsewhere classified 9900 unknown or nec | 18 18 | 18 18 | _ | <u> </u> | | |

| | | | Dom | estic | |
|---|-----------------|-----------------|-------------------|-----------------|-------------|
| Commodity | Total | | ewise | | rnal |
| | | Receipts | Shipments | Receipts | Shipments |
| Total, all commodities | 7,622 | 6,534 | 238 | 543 | 308 |
| Total coal | 187 | 38 | 53 | 86 | 9 |
| 1100 coal & lignite 1200 coal coke | 12 175 | 38 | 53 | 12 74 | 9 |
| Total petroleum and petroleum products | 75 | | 8 | 67 | |
| Subtotal petroleum products 2340 residual fuel oil | 75 8 | _ | 8 8 | 67 | |
| 2540 residual ruel oli 2540 petroleum coke | 67 | _ | <u> </u> | 67 | |
| Total showings and related mandrate | 67 | 0.5 | | 20 | 2 |
| Total chemicals and related products Subtotal fertilizers | 67 38 | 25 | | 38 38 | 3 |
| 3110 nitrogenous fert. | 28 | _ | | 28 | |
| 3120 phosphatic fert. 3130 potassic fert. | 2 5 | | | 2 5 | |
| 3190 fert. & mixes nec | 3 | | | 3 | |
| Subtotal other chemicals and related products | 29 | 25 | | _ | 3 |
| 3276 metallic salts | 29 | 25 | | | 3 |
| Total crude materials, inedible except fuels | 6,791 | 6,468 | 172 | 108 | 43 |
| Subtotal soil, sand, gravel, rock and stone | 1,043 | 1,042 | 1 | _ | |
| 4322 limestone 4335 waterway improv. mat | 1,030 13 | 1,030 12 | 1 | _ | |
| Subtotal iron ore and scrap | 5,328 | 5,287 | | 37 | 5 |
| 4410 iron ore | 5,298 | 5,287 | | 8 29 | 3 1 |
| 4420 iron & steel scrap Subtotal non-ferrous ores and scrap | 30 6 | | | 29 6 | |
| 4650 aluminum ore | 6 | _ | | 6 | |
| Subtotal sulphur, clay and salt 4782 clay & refrac. mat. | 45 45 | _ | | 45 45 | |
| Subtotal slag | 301 | 72 | 171 | 20 | 39 |
| 4860 slag | 301 | 72 | 171 | 20 | 39 |
| Subtotal other non-metal. min. 4900 non-metal. min. nec | 67 67 | 67 67 | | | |
| 4900 Horr-metal. Hill. Nec | 07 | 07 | | | |
| Total primary manufactured goods Subtotal primary iron and steel products | 306 302 | 2 | 5 5 | 185 182 | 114 114 |
| 5312 pig iron | 86 | | 5 | 81 | |
| 5315 ferro alloys | 11 | | | 11 | |
| 5320 i&s primary forms 5330 i&s plates & sheets | 11 150 | 1 | | 6 61 | 4 87 |
| 5360 i&s bars & shapes | 13 | | | 2 | 11 |
| 5390 primary i&s nec | 32 | | | 20 | 12 |
| | | | | | |

BURNS WATERWAY HARBOR, IN Freight Traffic, 2005 - continued (thousand short tons)

| | | | Dom | estic | |
|---|--------------------|---------------|-----------|-------------|-----------|
| Commodity | Total | Lake | ewise | Inte | rnal |
| | | Receipts | Shipments | Receipts | Shipments |
| Subtotal primary non-ferrous metal products 5429 smelted prod. nec 5480 fab. metal products | 4 1 2 | <u>1</u> 1 | = | 3 1 1 | = |
| Total food and farm products | 171 | | _ | 58 | 112 |
| Subtotal grain | 101 | | | | 101 |
| 6241 wheat | 3 | | | | 3 |
| 6344 corn | 99 | | | | 99 |
| Subtotal oilseeds | 69 | | | 58 | 11 |
| 6522 soybeans | 11 | | | | 11 |
| 6590 oilseeds nec | 58 | _ | _ | 58 | |
| Total all manufactured equipment, machinery and products | 26 | _ | | | 26 |
| 7110 machinery (not elec) | 26 | | | | 26 |

Other Harbors and Waterways 2005

| Harbor or Waterway | Commodity | Thousand Short Tons |
|---|---|---|
| Project | | |
| CHICAGO HARBOR, IL (INCLUDED IN PORT OF CHICAGO | No Commerce Reported | |
| MICHIGAN CITY HARBOR, IN | No Commerce Reported | |
| Non-project | | |
| BUFFINGTON HARBOR, IN | 2540 petroleum coke 4310 building stone 4322 limestone 4782 clay & refrac. mat. | 51 74 975 57 |
| | Total Tons(x1000) | 1,157 |
| GARY HARBOR, IN | 1100 coal & lignite 1200 coal coke 4322 limestone 4410 iron ore 4420 iron & steel scrap 4680 non-ferrous scrap 4782 clay & refrac. mat. 4860 slag 5312 pig iron 5330 i&s plates & sheets 5390 primary i&s nec 6782 animal feed, prep. | 13 180 147 6,591 17 13 27 98 40 81 95 |
| | Total Tons(x1000) | 7,303 |

TWO HARBORS (AGATE BAY), MN

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.

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|--------|------|--------|------|--------|------|--------|
| 1996 | 10,662 | 1999 | 11,872 | 2002 | 14,895 | 2005 | 10,959 |
| 1997 | 13,508 | 2000 | 13,060 | 2003 | 13,033 | | |
| 1998 | 13,223 | 2001 | 11,875 | 2004 | 13,473 | | |
| | | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | Domestic | | |
|--|-------------|-----------|----------|--------------|-----------|
| Commodity | Grand Total | Outbound | Total | tal Lakewise | |
| | | Outbourid | | Receipts | Shipments |
| | | | | | |
| Total, all commodities | 10,959 | 206 | 10,753 | 42 | 10,711 |
| | | | | | |
| Total crude materials, inedible except fuels | 10,959 | 206 | 10,753 | 42 | 10,711 |
| Subtotal soil, sand, gravel, rock and stone | 30 | | 30 | 30 | |
| 4322 limestone | 30 | | 30 | 30 | |
| Subtotal iron ore and scrap | 10,929 | 206 | 10,723 | 12 | 10,711 |
| 4410 iron ore | 10,929 | 206 | 10,723 | 12 | 10,711 |
| 4410 Hon ore | 10,929 | 206 | 10,723 | 12 | 10,7 |

DULUTH-SUPERIOR HARBOR, MN AND WI

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 ore-channel routes through north and south channels to D. M. & I. R. R.Y. ore docks; 27 feet in Howards Bay and Allouez Bay; 23 feet in remaining portion of south, upper, and Minnesota channels to Hallet Dock No. 6; and 20 feet from thence to northerly end of Clough Island. Navigation Season: April 3 to January 11.

| Yea | ar | Total | Year | Total | Year | Total | Year | Total |
|-----|----|--------|------|--------|------|--------|------|--------|
| 19 | 96 | 41,398 | 1999 | 42,297 | 2002 | 44,161 | 2005 | 44,722 |
| 19 | 97 | 41,929 | 2000 | 41,678 | 2003 | 38,295 | | |
| 19 | 98 | 42,443 | 2001 | 39,811 | 2004 | 45,393 | | |

Freight Traffic, 2005 (thousand short tons)

| | | For | eign | Cana | adian | | Do | mestic | |
|---|------------------|-----------|-----------------|-----------|-----------------|-----------|-----------|-----------|-------------|
| Commodity | Grand Total | Inbound | Outbound | Inbound | Outbound | Total | | wise | Internal |
| | | IIIDOUIIU | Outbourid | IIIDOUIIU | Outbourid | | Receipts | Shipments | Intraport |
| Total, all commodities | 44,722 | 35 | 1,945 | 526 | 12,007 | 30,209 | 3,088 | 26,941 | 179 |
| Total coal | 19,782 | | | _ | 6,241 | 13,541 | 90 | 13,272 | 179 |
| 1100 coal & lignite | 19,782 | _ | | | 6,241 | 13,541 | 90 | 13,272 | 179 |
| Total chemicals and related products | 20 | | | | | 20 | 20 | | |
| Subtotal other chemicals and related products | 20 | | | _ | | 20 | 20 | _ | _ |
| 3276 metallic salts | 20 | | | | | 20 | 20 | | |
| Total crude materials, inedible except fuels | 21,125 | 6 | 95 | 306 | 4,619 | 16,098 | 2,714 | 13,384 | |
| Subtotal forest products, wood and chips | 104 | 6 | | 73 | 24 | | | | |
| 4170 wood in the rough | 75 | 1 | | 61 | 13 | _ | _ | | |
| 4189 lumber Subtotal pulp and waste paper | 29 2 | 6 | 2 | 12 | 11 | | | _ | |
| 4225 pulp & waste paper Subtotal soil, sand, | 2, 540 | _ | 2 | | = | 2,540 | 2,540 | _ | = |
| gravel, rock and stone 4322 limestone | 2.540 | | | | | 2,540 | 2.540 | | |
| Subtotal iron ore and scrap | 17,931 | _ | | | 4,500 | 13,431 | 47 | 13,384 | |
| 4410 iron ore | 17,931 | _ | | | 4,500 | 13,431 | 47 | 13,384 | |
| Subtotal non-ferrous ores and scrap | 58 | | 11 | | 47 | | | | |
| 4690 non-ferrous ores nec | 58 131 | _ | 11 82 | | 47 48 | | | | |
| Subtotal sulphur, clay and salt | 131 | | 82 | | 48 | | | | |
| 4782 clay & refrac. mat. Subtotal slag | 131 23 | _ | 82 | | 48 | 23 | 23 | | |
| 4860 slag | 23 | _ | | | | 23 | 23 | | |
| Subtotal other non-metal. | 337 | | | 233 | - | 104 | 104 | | _ |
| 4900 non-metal. min. nec | 337 | | | 233 | | 104 | 104 | | |

DULUTH-SUPERIOR HARBOR, MN AND WI Freight Traffic, 2005 - continued (thousand short tons)

| | | For | eign | Cana | adian | | Do | mestic | |
|--|-------------------|---------|----------|-------------|-------------------|-------|----------|-----------|-------------|
| Commodity | Grand Total | | | | | Total | | ewise | Internal |
| , | | Inbound | Outbound | Inbound | Outbound | | Receipts | Shipments | Intraport |
| | | | | | | | | | • |
| Total primary | 544 | 19 | | 218 | 42 | 264 | 264 | | |
| manufactured goods | | | | | | | | | |
| Subtotal lime, cement | 524 | | | 218 | 42 | 264 | 264 | | |
| and glass | 504 | | | 040 | 40 | 004 | 004 | | |
| 5220 cement & concrete Subtotal primary iron and | 524 17 | 17 | | 218 | 42 | 264 | 264 | | |
| steel products | 17 | 17 | | | | | | | |
| 5320 i&s primary forms | 2 | 2 | | | | | | | |
| 5330 i&s plates & sheets | 13 | 13 | | | | | | | |
| 5360 i&s bars & shapes | 2 | 2 | | | | | | | |
| 5370 i&s pipe & tube | 0 | 0 | | | | | | | |
| Subtotal primary | 0 | 0 | | | | | | | |
| non-ferrous metal products | | | | | | | | | |
| 5480 fab. metal products | 0 | 0 | | | | | | | |
| Subtotal primary wood products | 2 | 2 | | | | | | | _ |
| 5540 primary wood prod. | 2 | 2 | | | | | | | |
| 3340 primary wood prod. | 2 | 2 | | | | | | | |
| Total food and farm | 3,240 | | 1,850 | | 1,104 | 286 | | 286 | _ |
| products | -, - | | , | | , - | | | | |
| Subtotal grain | 2,684 | | 1,496 | | 902 | | | 286 | |
| 6241 wheat | 2,453 | | 1,454 | | 902 | | | 97 | _ |
| 6443 barley & rye | 42 | | 42 | | | | | | |
| 6445 oats | 189 165 | | 44 | | 424 | 189 | | 189 | |
| Subtotal oilseeds 6522 soybeans | 141 | | 20 | | 121 121 | | | | |
| 6534 flaxseed | 24 | | 24 | _ | 121 | | | | |
| Subtotal vegetable | 249 | | 168 | | 82 | | | | |
| products | | | | | | | | | |
| 6654 vegetables & prod. | 249 | | 168 | | 82 | | | | |
| Subtotal processed grain | 86 | | 86 | | | | | | |
| and animal feed | | | | | | | | | |
| 6782 animal feed, prep. | 86 | | 86 | | | | | | |
| Subtotal other agricultural products | 56 | | 56 | | | | | | |
| 6899 farm products nec | 56 | | 56 | | | | | | |
| ooss fami products nee | 30 | | 30 | | | | | | |
| Total all manufactured | 8 | 7 | | 2 | | | | | |
| equipment, machinery and | | | | | | | | | |
| products | | | | | | | | | |
| 7110 machinery (not elec) | 5 | 5 | | 1 | | | | | |
| 7120 electrical machinery | 1 | 0 | | 1 | | | | | |
| 7500 textile products 7600 rubber & plastic pr. | 0 | 0 | | | | | | | |
| 7900 manufac. prod. nec | 0 | 0 | | | | | | | |
| 7500 manurae. prou. nec | ۷ | U | | | | | | | |
| Total unknown or not | 3 | 3 | _ | | | | | | |
| elsewhere classified | | | | | | | | | |
| 9900 unknown or nec | 3 | 3 | | | | | | | |
| | I | | | | | I | | | |

TACONITE HARBOR, MN NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 8,408 | 1999 | 8,366 | 2002 | 645 | 2005 | 2,508 |
| 1997 | 8,607 | 2000 | 8,505 | 2003 | 852 | | |
| 1998 | 8,761 | 2001 | 2,243 | 2004 | 1,209 | | |

Freight Traffic, 2005 (thousand short tons)

| Commodity | Grand Total | Lake | ewise |
|--|-------------|----------|-----------|
| Commodity | Grand Total | Receipts | Shipments |
| | | | |
| Total, all commodities | 2,508 | 714 | 1,794 |
| | | | |
| Total coal | 714 | 714 | |
| 1100 coal & lignite | 714 | 714 | |
| | | | |
| Total crude materials, inedible except fuels | 1,794 | | 1,794 |
| Subtotal iron ore and scrap | 1,794 | | 1,794 |
| 4410 iron ore | 1,794 | _ | 1,794 |

PRESQUE ISLE HARBOR, MI

Section Included: Entire harbor. Controlling and Project Depths: 30 feet in approach and 28 feet in basin. Navigation Season: March 31 to January 21

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|--------|------|--------|------|--------|------|--------|
| 1996 | 8,959 | 1999 | 9,531 | 2002 | 10,592 | 2005 | 10,983 |
| 1997 | 11,201 | 2000 | 10,742 | 2003 | 8,776 | | - |
| 1998 | 10,483 | 2001 | 9,475 | 2004 | 10,134 | | |
| 1998 | 10,483 | 2001 | 9,475 | 2004 | 10,134 | | |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | | Domestic | | |
|--|-------------|-----------|-------|----------|-----------|--|
| Commodity | Grand Total | Outbound | Total | Lakewise | | |
| | | Outbourid | | Receipts | Shipments | |
| | | | | | | |
| Total, all commodities | 10,983 | 3,373 | 7,610 | 2,317 | 5,293 | |
| Total coal | 2,250 | | 2,250 | 2.232 | 19 | |
| 1100 coal & lignite | 2,250 | | 2,250 | 2,232 | 19 | |
| Total crude materials, inedible except fuels | 8,732 | 3,373 | 5,359 | 85 | 5,274 | |
| Subtotal soil, sand, gravel, rock and stone | 85 | | 85 | 85 | | |
| 4322 limestone | 85 | | 85 | 85 | | |
| Subtotal iron ore and scrap | 8,647 | 3,373 | 5,274 | | 5,274 | |
| 4410 iron ore | 8,647 | 3,373 | 5,274 | | 5,274 | |

MARQUETTE HARBOR, MI

Section Included: Entire harbor. Controlling Depth: 26 feet. Project Depth: 27 feet. Navigation Season: May 14 to November 22.

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 1,598 | 1999 | 818 | 2002 | 923 | 2005 | 1,121 |
| 1997 | 689 | 2000 | 912 | 2003 | 1,206 | | |
| 1998 | 869 | 2001 | 976 | 2004 | 1,538 | | |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | | Domestic | |
|--|-------------|-----------|-------|----------|-----------|
| Commodity | Grand Total | Inbound | Total | Lake | ewise |
| | | IIIbouria | | Receipts | Shipments |
| Total all same adding | 4 404 | 465 | 0.57 | 000 | 00 |
| Total, all commodities | 1,121 | 165 | 957 | 888 | 69 |
| Total coal | 230 | 25 | 206 | 206 | _ |
| 1100 coal & lignite | 206 | | 206 | 206 | |
| 1200 coal coke | 25 | 25 | | | |
| Total crude materials, inedible except fuels | 891 | 140 | 751 | 682 | 69 |
| Subtotal soil, sand, gravel, rock and stone | 762 | 110 | 652 | 652 | _ |
| 4322 limestone | 762 | 110 | 652 | 652 | |
| Subtotal iron ore and scrap | 69 | | 69 | | 69 |
| 4410 iron ore | 69 | | 69 | | 69 |
| Subtotal sulphur, clay and salt | 60 | 30 | 31 | 31 | |
| 4782 clay & refrac. mat. | 60 | 30 | 31 | 31 | |

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

Section Included: Private loading dock on St. Marys River at Drummond Island, MI. 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.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 1,682 | 1999 | 1,732 | 2002 | 1,221 | 2005 | 1,460 |
| 1997 | 1,560 | 2000 | 1,358 | 2003 | 1,401 | | |
| 1998 | 1,582 | 2001 | 1,198 | 2004 | 1,716 | | |
| | | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| Commodity | Grand Total | Canadian Outbound | Domestic Lakewise Shipments |
|---|---------------------------------------|----------------------|---------------------------------------|
| Total, all commodities | 1,460 | 179 | 1,281 |
| Total crude materials, inedible except fuels Subtotal soil, sand, gravel, rock and stone 4322 limestone | 1,460 1,429 1,422 | 179 179 179 | 1,281 1,250 1,243 |

DRUMMOND ISLAND, MI (INCLUDED IN ST. MARYS RIVER) Freight Traffic, 2005 - continued (thousand short tons)

| Co | mmodity Grand Total | Canadian Outbound | Domestic Lakewise Shipments |
|---|----------------------|----------------------|-----------------------------------|
| 4331 sand & gravel Subtotal sulphur, clay and salt 4782 clay & refrac. mat. | 7 31 31 | = | 7 31 31 |

ST. MARYS RIVER, MI

Section Included: Entire length of St. Marys River from Lake Superior to Lake Huron, including American ports of Sault Ste. Marie, Raber, Lime Island, Drummond Island, and Detour, Michigan.

| Name of Canal | Project Depth | Controlling Depth |
|--|------------------|--|
| Gros Cap Reefs Point Iroquois Shoal Channel Point Iroquois Anchorage areas Birch Point Course Brush Point Course Point Louise Channel Vidal Shoals Channel Locks and Canal (see report for St. Marys Fall Canal) | 30.0 | 29.4 21.0 30.0 30.0 28.0 |
| Bayfield Channel Course 1 Anchorage and maneuver area angle courses 1 and 2 Little Rapids Courses 2 and 3 Lake Nicolet Channel Lake Nicolet Anchorage Middle Neebish Channel West Nebish Channel Lake Munuscong Channel Lime Island Channel Detour Passage Pipe Island Course Watson Reef Course Crab Island | 28.0 | . 28.5 . 27.0 . 29.0 . 28.0 . 27.0 . 27.5 . 28.0 . 29.0 . 29.0 . 30.0 |

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|--------|------|--------|------|--------|------|--------|
| 1996 | 78,939 | 1999 | 81,315 | 2002 | 80,330 | 2005 | 79,910 |
| 1997 | 83,822 | 2000 | 84,925 | 2003 | 71,921 | | |
| 1998 | 82,235 | 2001 | 74,916 | 2004 | 83,122 | | |
| | | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| | | Fore | eign | | Cana | adian | |
|--|--|----------------------|-----------------------|-----------------------|-----------------|------------------------------------|--|
| Commodity | Total | Thro | ugh | Inbound | Outbound | Thro | ugh |
| | | Upbound | Downbnd | IIIDOUIIU | Outbouriu | Upbound | Downbnd |
| Total, all commodities | 26,884 | 35 | 1,945 | 37 | 231 | 3,356 | 21,279 |
| Total coal 1100 coal & lignite 1200 coal coke | 8,575 8,251 324 | = | = | <u>-</u> | 36 36 | 1,637 1,434 203 | 6,901 6,781 121 |
| Total petroleum and petroleum products Subtotal petroleum products 2540 petroleum coke | 157 157 157 | | = | = | = | 157 157 157 | = |
| Total chemicals and related products Subtotal fertilizers 3130 potassic fert. Subtotal other chemicals and related products 3274 sodium hydroxide 3275 inorg. elem., oxides, & halogen salts 3276 metallic salts | 357 267 267 90 24 43 22 | —— —— —— —— | — — — — — | - - - - - | | 46 46 24 22 | 311 267 267 43 — 43 |
| Total crude materials, inedible except fuels Subtotal forest products, wood and chips 4170 wood in the rough 4189 lumber Subtotal pulp and waste paper 4225 pulp & waste paper 4225 pulp & waste paper Subtotal soil, sand, gravel, rock and stone 4322 limestone 4321 sand & gravel 5240 gravel 52410 iron ore and scrap 4410 iron ore 4420 iron & steel scrap Subtotal non-ferrous ores and scrap 4690 non-ferrous ores nec Subtotal sulphur, clay and salt 4782 clay & refrac. mat. | 13,012 133 500 83 2 2 3,717 2,836 880 8,140 8,123 17 58 58 58 503 | 6 6 1 6 | 95 | 37 | 195 | 1,266 49 49 930 857 73 17 17 30 30 | 11,412 78 — 2,592 1,801 791 8,123 — 47 47 392 392 |

ST. MARYS RIVER, MI Freight Traffic, 2005 - continued (thousand short tons)

| | | Fore | | | Cana | adian | |
|---|--|--|---|---|---|---|----------------------------|
| Commodity | Total | Thro Upbound | ugh Downbnd | Inbound | Outbound | Thro | bugh |
| Subtotal slag 4860 slag Subtotal other non-metal. min. 4900 non-metal. min. nec | 181 181 277 277 | —————————————————————————————————————— | | 37 37 | ======================================= | 240 240 | 181 181 —- |
| Total primary manufactured goods Subtotal lime, cement and glass 5220 cement & concrete 5290 misc. mineral prod. Subtotal primary iron and steel products 5320 i&s primary forms 5330 i&s plates & sheets 5360 i&s bars & shapes 5370 i&s pipe & tube Subtotal primary non-ferrous metal products 5480 fab. metal products Subtotal primary wood products 5540 primary wood prod. | 1,641 1,556 5,56 78 13 63 2 0 0 0 | 19 ———————————————————————————————————— | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | - - - - - - - - - - - - - - - - - - - | 248 238 238 —————————————————————————————— | 1,373 1,323 1,318 5 50 0 0 |
| Total food and farm products Subtotal grain 6241 wheat 6443 barley & rye 6445 oats Subtotal oilseeds 6522 soybeans 6534 flaxseed Subtotal vegetable products 6654 vegetables & prod. Subtotal processed grain and animal feed 6782 animal feed, prep. Subtotal other agricultural products 6899 farm products nec | 3,124 2,568 2,397 42 129 165 141 24 249 249 86 86 56 | | 1,850 1,496 1,454 42 44 20 24 168 86 86 56 | | | | 1,274 1,072 943 |
| Total all manufactured equipment, machinery and products 7110 machinery (not elec) 7120 electrical machinery 7210 vehicles & parts 7500 textile products 7600 rubber & plastic pr. 7900 manufac. prod. nec | 5 1 0 0 1 1 | 5 0 — 0 1 | — — — — — | 0 0 | | 1 1 | 1 1 |
| Total unknown or not elsewhere classified 9900 unknown or nec Ton-miles (x1000) Foreign & Canadian | 10 10 1,451,324 | 3 3 2,260 | 124,496 | 1,705 | 5,188 | 155,134 | 7 7 1,162,541 |

| | | | Lakewise | |
|---|--------|-----------|----------|---------|
| Commodity | Total | Chinmonto | Thro | ough |
| • | | Shipments | Upbound | Downbnd |
| Total, all commodities | 53,026 | 1,281 | 5,006 | 46,739 |
| Total coal | 12,084 | | 1,447 | 10,637 |
| 1100 coal & lignite | 12,084 | _ | 1,447 | 10,637 |
| Total chemicals and related products | 20 | | 20 | _ |
| Subtotal other chemicals and related products | 20 | | 20 | |
| 3276 metallic salts | 20 | | 20 | _ |
| Total crude materials, inedible except fuels | 40,372 | 1,281 | 3,276 | 35,816 |
| Subtotal soil, sand, gravel, rock and stone | 4,351 | 1,250 | 3,101 | · — |
| 4322 limestone | 4,345 | 1,243 | 3,101 | |
| 4331 sand & gravel | 7 | 7 | | |
| Subtotal iron ore and scrap | 35,863 | | 47 | 35,816 |
| 4410 iron ore | 35,863 | | 47 | 35,816 |
| Subtotal sulphur, clay and salt | 31 | 31 | | |
| 4782 clay & refrac. mat. | 31 | 31 | | |
| Subtotal slag | 23 | | 23 | |
| 4860 slag | 23 | | 23 | |
| Subtotal other non-metal. min. | 104 | | 104 | |
| 4900 non-metal. min. nec | 104 | | 104 | _ |
| Total primary manufactured goods | 264 | | 264 | _ |
| Subtotal lime, cement and glass | 264 | | 264 | |
| 5220 cement & concrete | 264 | | 264 | |

ST. MARYS RIVER, MI Freight Traffic, 2005 - continued (thousand short tons)

| | | | Lakewise | |
|------------------------------|-----------|-----------|----------|-----------|
| Commodity | Total | Shipments | Thro | ugh |
| | | Shipments | Upbound | Downbnd |
| | | | | |
| Total food and farm products | 286 | | | 286 |
| Subtotal grain | 286 | | | 286 |
| 6241 wheat | 97 | | | 97 |
| 6445 oats | 189 | | | 189 |
| Ton-miles (x1000) | 3,348,379 | 36,696 | 320,403 | 2,991,280 |

Tons All Traffic (x1000) Ton-miles All Traffic (x1000)

79,910 4,799,704

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

Section Included: American and Canadian Navigation Canals and Locks at St. Marys Falls, Sault Ste. Marie, MI. and Ontario. Controlling Depths: Sabin Lock 23.1, Davis Lock 23.1, Macarthur Lock 31.0, Poe Lock 32.0 and 16.8 feet Canadian Canal. Project Depth: See St. Marys River.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|--------|------|--------|------|--------|------|--------|
| 1996 | 75,353 | 1999 | 76,675 | 2002 | 73,968 | 2005 | 72,979 |
| 1997 | 79,850 | 2000 | 77,956 | 2003 | 65,680 | | , |
| 1998 | 78.296 | 2001 | 68,179 | 2004 | 74.971 | | |
| | | | , - | | ,- | | |

Freight Traffic, 2005 (thousand short tons)

| | | For | eign | Cana | adian | | Domestic | |
|---|-----------------------|----------|--------------|-------------------|-----------------------|----------------------|-------------------|-------------------------|
| Commodity | Grand Total | | ough | Thro | ough | Total | Lake | wise |
| Commodity | Grand Total | Linhound | Downbnd | Upbound | Downbnd | | Thro | ugh |
| | | Oppound | Downbrid | Орьошта | DOWNDING | | Upbound | Downbnd |
| Total, all commodities | 72,979 | 35 | 1,945 | 1,106 | 17,853 | 52,040 | 5,301 | 46,739 |
| Total coal | 19,122 | | _ | 258 | 6,781 | 12,084 | 1,447 | 10,637 |
| 1100 coal & lignite 1200 coal coke | 18,952 171 | | _ | 87 171 | 6,781 —- | 12,084 —- | 1,447 —- | 10,637 —- |
| Total petroleum and petroleum products | 147 | _ | | 147 | | | | |
| Subtotal petroleum products 2540 petroleum coke | 147 147 | _ | _ | 147 147 | _ | _ | _ | |
| Total chemicals and related products | 325 | | | 38 | 267 | 20 | 20 | |
| Subtotal fertilizers | 267 | | | | 267 | | | |
| 3130 potassic fert. | 267 | | | | 267 | | | |
| Subtotal other chemicals and related products | 58 | | | 38 | | 20 | 20 | |
| 3274 sodium hydroxide 3276 metallic salts | 24 34 | | | 24 14 | | 20 | 20 | |
| Total crude materials, inedible except fuels | 48,173 | 6 | 95 | 433 | 8,252 | 39,386 | 3,570 | 35,816 |
| Subtotal forest products, wood and chips | 133 | 6 | | 49 | 78 | | _ | |
| 4170 wood in the rough | 50 | 1 | | 49 | | | | |
| 4189 lumber | 83 2 | 6 | | | 78 —- | | | |
| Subtotal pulp and waste paper 4225 pulp & waste paper | 2 | | 2 | | | | | |
| Subtotal soil, sand, gravel, rock and | 3,487 | | | 121 | | 3,365 | 3,365 | |
| stone | | | | | | | • | |
| 4322 limestone | 3,487 | | | 121 | 9.070 | 3,365 | 3,365 | 25.046 |
| Subtotal iron ore and scrap 4410 iron ore | 43,942 43,942 | | | _ | 8,079 8.079 | 35,863 35,863 | 47 47 | 35,816 35,816 |
| Subtotal non-ferrous ores and scrap | 58 | | 11 | | 47 | | | |
| 4690 non-ferrous ores nec | 58 | | 11 | | 47 | | | |
| Subtotal sulphur, clay and salt | 191 | | 82 | 30 | 48 | 31 | 31 | |
| 4782 clay & refrac. mat. Subtotal slag | 191 23 | | 82 | 30 | 48 | 31 23 | 31 23 | |
| 4860 slag | 23 | | | | | 23 | 23 | |
| Subtotal other non-metal. min. | 337 | | | 233 | | 104 | 104 | |
| 4900 non-metal. min. nec | 337 | | _ | 233 | _ | 104 | 104 | _ |
| Total primary manufactured goods | 1,830 | 19 | _ | 228 | 1,319 | 264 | 264 | _ |
| Subtotal lime, cement and glass 5220 cement & concrete | 1,810 1.810 | | _ | 228 228 | 1,318 1,318 | 264 264 | 264 264 | |
| Subtotal primary iron and steel | 1,010 | 17 | | 220 —- | 1,316 | 204 —- | 204 —- | |
| products | | | | | • | | | |
| 5320 i&s primary forms 5330 i&s plates & sheets | 2 13 | 2 13 | | | | | | |
| 5360 i&s bars & shapes | 2 | 2 | | | | | | |
| 5370 i&s pipe & tube | 0 | ō | _ | _ | 0 | | | |
| | | I | | | | | | |

ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN (INCLUDED IN ST. MARYS RIVER) Freight Traffic, 2005 - continued (thousand short tons)

| | | (lilousariu | SHOIL LUIS) | | | | | |
|---|----------------|-------------|----------------|---------|----------------|-----------|------------------|-------------------|
| | | For | eign | | adian | | Domestic | |
| Commodity | Grand Total | Thr | ough | Thro | ough | Total | Lake | wise |
| Commodity | Grand Total | | 5 | | | | Thro | ugh |
| | | Upbound | Downbnd | Upbound | Downbnd | | Upbound | Downbnd |
| | | | | | | | 0 10 0 0 11 10 | |
| Subtotal primary non-ferrous metal | 0 | 0 | | | | | | |
| products | · | | | | | | | |
| 5480 fab. metal products | 0 | 0 | | | | | | |
| Subtotal primary wood products | 2 | 2 | | | | | | |
| 5540 primary wood prod. | 2 | 2 | | | | | | _ |
| Total food and form products | 2 200 | | 4 050 | | 4 224 | 286 | | 286 |
| Total food and farm products | 3,369 2,813 | | 1,850 1,496 | | 1,234 1,031 | 286 | | 286 |
| Subtotal grain 6241 wheat | 2,453 | | 1,496 | | 902 | 97 | | 2 00 97 |
| 6443 barley & rye | 42 | | 42 | | 902 | | | |
| 6445 oats | 318 | | | | 129 | 189 | | 189 |
| Subtotal oilseeds | 165 | | 44 | | 121 | —— | | —— |
| 6522 soybeans | 141 | | 20 | | 121 | | | |
| 6534 flaxseed | 24 | | 24 | | | | | |
| Subtotal vegetable products | 249 | | 168 | | 82 | | | |
| 6654 vegetables & prod. | 249 | | 168 | | 82 | | | |
| Subtotal processed grain and animal | 86 | | 86 | | | | | |
| feed | | | | | | | | |
| 6782 animal feed, prep. | 86 | | 86 | | | | | |
| Subtotal other agricultural products | 56 | | 56 | | | | | |
| 6899 farm products nec | 56 | | 56 | | _ | | | |
| Total all manufactured equipment, | 9 | 7 | | 2 | 1 | | | |
| machinery and products | 9 | ' | | | ' | | | |
| 7110 machinery (not elec) | 5 | 5 | | 1 | | | | |
| 7120 electrical machinery | 1 | 0 | | 1 | | | | |
| 7500 textile products | 0 | 0 | | | | | | |
| 7600 rubber & plastic pr. | 1 | 1 | | | | | | |
| 7900 manufac. prod. nec | 1 | 0 | | | 1 | | | |
| Total unknown or not alcowhere | 2 | 2 | | | | | | |
| Total unknown or not elsewhere classified | 3 | 3 | _ | | _ | | _ | _ |
| 9900 unknown or nec | 3 | 3 | | | | | | |
| | Ü | | | | | | | |
| Ton-miles (x1000) | 4,128,875 | 2,225 | 122,551 | 10,569 | 957,091 | 3,036,439 | 91,898 | 2,944,541 |
| | • | | - | | - | | • | |

Tons All Traffic (x1000) Ton-miles All Traffic (x1000) 72,979 4,128,875

GRAYS REEF PASSAGE, MI

Section Included: East channel, 3,000 feet wide and about 2 miles long. Controlling and project depths: 25 feet.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|--------|------|--------|------|--------|------|--------|
| 1996 | 8,152 | 1999 | 10,586 | 2002 | 11,799 | 2005 | 11,136 |
| 1997 | 8,677 | 2000 | 12,497 | 2003 | 11,290 | | |
| 1998 | 10,489 | 2001 | 13,010 | 2004 | 11,848 | | |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | | | Domestic | | |
|---|-------------|----------|--------|---------|----------|---------|---------|
| | 0 17.1 | Through | Total | Lake | wise | Inte | rnal |
| Commodity | Grand Total | _ | | Through | | Through | |
| | | Downbnd | - | Upbound | Downbnd | Upbound | Downbnd |
| Total, all commodities | 11,136 | 137 | 10,999 | 3,208 | 7,756 | 5 | 31 |
| rotal, all commountes | 11,130 | 137 | 10,333 | 3,200 | 7,730 | J | 31 |
| Total coal | 3,378 | | 3,378 | 1,123 | 2,255 | | |
| 1100 coal & lignite | 2,742 | | 2,742 | 573 | 2,169 | | |
| 1200 coal coke | 636 | | 636 | 550 | 86 | | _ |
| Total petroleum and petroleum products | 602 | | 602 | 475 | 91 | 5 | 31 |
| Subtotal petroleum products | 602 | | 602 | 475 | 91 | 5 | 31 |
| 2211 gasoline | 186 | | 186 | 158 | 25 | | 3 |
| 2330 distillate fuel oil | 43 | | 43 | 15 | 25 | 3 | |
| 2340 residual fuel oil | 18 | | 18 | 11 | 5 | 2 | |
| 2430 asphalt, tar & pitch | 239 | | 239 | 209 | 30 | | |
| 2540 petroleum coke | 115 | | 115 | 83 | 5 | | 28 |
| Total chemicals and related products | 107 | | 107 | 100 | 7 | | |
| Subtotal other chemicals and related products | 107 | | 107 | 100 | 7 | | |
| 3212 benzene & toluene | 7 | | 7 | | 7 | | |
| 3276 metallic salts | 100 | | 100 | 100 | | | |
| Total crude materials, inedible except fuels | 5,484 | 95 | 5,389 | 1,425 | 3,963 | _ | _ |
| Subtotal forest products, wood and chips | 1 | | 1 | 1 | · —- | | |
| 4161 wood chips | 1 | | 1 | 1 | | | |

GRAYS REEF PASSAGE, MI Freight Traffic, 2005 - continued (thousand short tons)

| | | Canadian | | | Domestic | | |
|---|--------------|----------|--------------------|---------|----------|---------|-------------|
| Commodity | Grand Total | Through | Total | Lake | wise | Inte | rnal |
| Commodity | Grand Total | Downbnd | | Thro | ugh | Thro | ough |
| | | Downbrid | | Upbound | Downbnd | Upbound | Downbnd |
| Subtotal soil, sand, gravel, rock and stone | 4,538 | 39 | 4,499 | 1,349 | 3,150 | | |
| 4310 building stone | 4,336 | 39 | 4,499 24 | 1,349 | 3,130 | | |
| 4322 limestone | 4,087 | 9 | 4,079 | 1,277 | 2,801 | | |
| 4323 gypsum | 309 | | 309 | | 309 | | |
| 4331 sand & gravel | 115 | 30 | 85 | 72 | 14 | | |
| 4335 waterway improv. mat | 2 | | 2 | | 2 | | |
| Subtotal iron ore and scrap | 227 | | 227 | 25 | 202 | | |
| 4410 iron ore | 206 | | 206 | 15 | 192 | | |
| 4420 iron & steel scrap | 21 | | 21 | 11 | 10 | | |
| Subtotal slag | 180 | 56 | 124 | 50 | 74 | | |
| 4860 slag | 180 | 56 | 124 | 50 | 74 | | |
| Subtotal other non-metal. min. | 538 | | 538 | _ | 538 | | |
| 4900 non-metal. min. nec | 538 | | 538 | | 538 | | |
| Total primary manufactured goods | 1,566 | 42 | 1,524 | 84 | 1,440 | | |
| Subtotal lime, cement and glass | 1,544 | 42 | 1,503 | 82 | 1,420 | | |
| 5220 cement & concrete | 1,544 | 42 | 1,503 | 82 | 1,420 | | |
| Subtotal primary iron and steel products | 21 | | 21 | 2 | 19 | | |
| 5312 pig iron | 21 | | 21 | 2 | 19 | | |
| Subtotal primary non-ferrous metal products | 1 | | 1 | | 1 | | |
| 5480 fab. metal products | 1 | | 1 | | 1 | | |
| Ton-miles (x1000) | 1,479,640 | 6,537 | 1,473,103 | 478,536 | 989,048 | 1,214 | 4,305 |

Tons All Traffic (x1000) 11,136
Ton-miles All Traffic (x1000) 1,479,640
Total Trip-ton-miles Internal and Intraport (x1000) 33,673

CHARLEVOIX HARBOR, MI

Section Included: Entrance channel and entire area of Round Lake and Lake Charlevoix, including Advance, Boyne City and East Jordan. Controlling Depth: 18 feet. Project Depth: 23 feet.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 1,666 | 1999 | 1,489 | 2002 | 1,343 | 2005 | 1,295 |
| 1997 | 1,529 | 2000 | 1,748 | 2003 | 1,305 | | |
| 1998 | 1,281 | 2001 | 1,533 | 2004 | 1,463 | | |
| | | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | | Domestic | |
|--|-------------|----------|-------|----------|-----------|
| Commodity | Grand Total | Inbound | Total | Lake | ewise |
| | | Inbound | | Receipts | Shipments |
| | | | | | |
| Total, all commodities | 1,295 | 98 | 1,197 | 138 | 1,058 |
| Total coal | 131 | | 131 | 131 | |
| 1100 coal & lignite | 126 | | 126 | 126 | |
| 1200 coal coke | 5 | | 5 | 5 | _ |
| Total crude materials, inedible except fuels | 56 | 56 | _ | | |
| Subtotal slag | 56 | 56 | | | |
| 4860 slag | 56 | 56 | | | _ |
| Total primary manufactured goods | 1,090 | 42 | 1,048 | | 1,048 |
| Subtotal lime, cement and glass | 1,090 | 42 | 1,048 | | 1,048 |
| 5220 cement & concrete | 1,090 | 42 | 1,048 | | 1,048 |
| Total unknown or not elsewhere classified | 17 | | 17 | 7 | 10 |
| 9900 unknown or nec | 17 | | 17 | 7 | 10 |

MANISTEE HARBOR, MI

Section Included: 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 30 to December 31.

Comparative Statement of Traffic (thousand short tons)

| 1996 | 400 | | | | | | |
|------|-----|------|-------|------|-------|------|-----|
| 1330 | 460 | 1999 | 421 | 2002 | 1,457 | 2005 | 573 |
| 1997 | 477 | 2000 | 370 | 2003 | 1,175 | | |
| 1998 | 435 | 2001 | 1,227 | 2004 | 940 | | |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | Domestic |
|--|-------------|-----------|----------|
| Commodity | Grand Total | Inbound | Lakewise |
| | | IIIDOUIIU | Receipts |
| | | | |
| Total, all commodities | 573 | 141 | 432 |
| Total coal | 397 | | 397 |
| 1100 coal & lignite | 397 | = | 397 |
| Total crude materials, inedible except fuels | 177 | 141 | 36 |
| Subtotal soil, sand, gravel, rock and stone | 68 | 32 | 36 |
| 4322 limestone | 68 | 32 | 36 |
| Subtotal slag | 25 | 25 | |
| 4860 slag | 25 | 25 | |
| Subtotal other non-metal. min. | 85 | 85 | |
| 4900 non-metal. min. nec | 85 | 85 | |

LUDINGTON HARBOR, MI

Section Included: Entrance channel and entire area of Pere Marquette Lake. Controlling Depths: 26 feet in the outer entrance bar and 27 feet in the channel to Pere Marquette Lake. Project Depths: Outer entrance channel, 30 feet; inner entrance channel, 29.5 feet; channel to Pere Marquette Lake, 29 feet; north and south mooring basins, 18 feet. Navigation season: April 2 to December 31.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 1,237 | 1999 | 493 | 2002 | 492 | 2005 | 628 |
| 1997 | 864 | 2000 | 512 | 2003 | 548 | | |
| 1998 | 1,075 | 2001 | 631 | 2004 | 453 | | |
| | · ' | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| | | Cana | adian | Domestic | | | |
|---|-----------------|--------------------|-------------|----------|----------|-----------|-----------|
| Commodity | Grand Total | nd Total Inbound O | | Total | Lake | ewise | Internal |
| | | IIIDOUIIG | Outbound | | Receipts | Shipments | Shipments |
| | | | | | | | |
| Total, all commodities | 628 | 121 | 148 | 359 | 114 | 152 | 93 |
| Total chemicals and related products | 394 | | 148 | 245 | | 152 | 93 |
| Subtotal other chemicals and related products | 394 | | 148 | 245 | | 152 | 93 |
| 3276 metallic salts | 394 | _ | 148 | 245 | _ | 152 | 93 |
| Total crude materials, inedible except fuels | 234 | 121 | | 114 | 114 | _ | |
| Subtotal soil, sand, gravel, rock and stone | 199 | 96 | | 103 | 103 | | |
| 4322 limestone | 148 | 45 | | 103 | 103 | | |
| 4331 sand & gravel | 51 | 51 | | | | | |
| Subtotal slag | 35 35 | 24 | | 11 | 11 | | |
| 4860 slag | 35 | 24 | | 11 | 11 | | |

MUSKEGON HARBOR, MI

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 (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 2,172 | 1999 | 1,925 | 2002 | 2,187 | 2005 | 2,063 |
| 1997 | 2,061 | 2000 | 2,435 | 2003 | 2,545 | | |
| 1998 | 1,936 | 2001 | 2,324 | 2004 | 2,684 | | |
| | | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | | Dom | estic | |
|--|----------------|----------|-------|----------|-----------|-----------|
| Commodity | Grand Total | Inbound | Total | Lake | ewise | Internal |
| | | mbound | | Receipts | Shipments | Intraport |
| Total, all commodities | 2,063 | 224 | 1,839 | 1,816 | 16 | 7 |
| Total, all commodities | 2,003 | 224 | 1,039 | 1,010 | 10 | , |
| Total coal | 1,144 | | 1,144 | 1,144 | | |
| 1100 coal & lignite | 1,144 | | 1,144 | 1,144 | | _ |
| Total crude materials, inedible except fuels | 777 | 224 | 552 | 552 | | _ |
| Subtotal soil, sand, gravel, rock and stone | 447 | 44 | 403 | 403 | | |
| 4322 limestone | 422 | 20 | 403 | 403 | | |
| 4331 sand & gravel Subtotal sulphur, clay and salt | 25 3 | 25 | 3 | 3 | | |
| 4782 clay & refrac. mat. | 3 | | 3 | 3 | | |
| Subtotal slag | 163 | 16 | 147 | 147 | | |
| 4860 slag | 163 | 16 | 147 | 147 | | |
| Subtotal other non-metal. min. | 164 | 164 | | | | |
| 4900 non-metal. min. nec | 164 | 164 | | _ | | _ |
| Total primary manufactured goods | 143 | | 143 | 120 | 16 | 7 |
| Subtotal lime, cement and glass | 143 | | 143 | 120 | 16 | 7 |
| 5220 cement & concrete | 143 | | 143 | 120 | 16 | 7 |

GRAND HAVEN HARBOR AND GRAND RIVER, MI

Section Included: Entire harbor, including Ferrysburg and Spring Lake; and Grand River from Grand Trunk RY. Bridge at Ferrysburg to Bass River about 15 miles. Controlling Depths: 22 feet in entrance channel; 21 feet to the mouth of the south channel; 21 feet to the sag; 20 feet to Grand Trunk RY. Bridge at Ferrysburg; 18 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 Ferrysburg; 18 feet in channel to Spring Lake; 8 feet to mouth of Bass River. Navigation season: March 1 to December 31.

| Year | Total | Year | Total | Year | Total | Year | Total | l |
|------|-------|------|-------|------|-------|------|-------|---|
| 1996 | 971 | 1999 | 1,110 | 2002 | 883 | 2005 | 1,475 | ı |
| 1997 | 988 | 2000 | 1,555 | 2003 | 1,093 | | , | l |
| 1998 | 1,014 | 2001 | 1,794 | 2004 | 1,757 | | | l |
| | · | | · | | · | | | Ĺ |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | | Domestic | |
|--|-------------------|------------------|-------------------|-------------------|-----------------|
| Commodity | Grand Total | Inbound | Total | Lake | wise |
| | | IIIbouria | | Receipts | Shipments |
| Total, all commodities | 1,475 | 364 | 1,111 | 987 | 124 |
| Total coal | 187 | | 187 | 187 | |
| 1100 coal & lignite | 187 | _ | 187 | 187 | _ |
| Total chemicals and related products | 3 | | 3 | 3 | _ |
| Subtotal fertilizers 3190 fert. & mixes nec | 3 3 | _ | 3 3 | 3 3 | |
| Total crude materials, inedible except fuels | 1,101 | 352 | 749 | 635 | 114 |
| Subtotal soil, sand, gravel, rock and stone 4322 limestone | 891 568 | 242 43 | 649 525 | 535 525 | 114 |
| 4331 sand & gravel | 323 | 199 | 124 | 10 | 114 |
| Subtotal slag 4860 slag | 117 117 | 17 17 | 100 100 | 100 100 | _ |
| Subtotal other non-metal. min. | 93 | 93 | | | |
| 4900 non-metal. min. nec | 93 | 93 | | _ | |
| Total primary manufactured goods | 178 | 5 | 173 | 162 | 11 |
| Subtotal lime, cement and glass 5220 cement & concrete | 178 173 | 5 | 173 173 | 162 162 | 11 11 |
| 5290 misc. mineral prod. | 5 | 5 | | | <u></u> |
| Total unknown or not elsewhere classified | 7 | 7 | _ | _ | _ |
| 9900 unknown or nec | 7 | 7 | _ | _ | _ |

HOLLAND HARBOR, MI

Section Included: Controlling Depths: Entrance channel - 23 feet decreasing to 20 feet at the outer end of the inner pier; thence a controlling depth of 19 feet for a channel through Lake Macatawa to the wharves in Holland, Michigan, a Turning Basin 18 feet deep, a channel in Black River 21 feet deep and a settling basin with a project depth of 17 feet above the Black River channel to the State Street Bridge. Navigation season: March 13 to December 31.

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 407 | 1999 | 453 | 2002 | 621 | 2005 | 634 |
| 1997 | 398 | 2000 | 389 | 2003 | 560 | | |
| 1998 | 476 | 2001 | 443 | 2004 | 544 | | |
| | | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | Domestic | | |
|--|-------------|-----------|---------------|----------|-----------|
| Commodity | Grand Total | Outbound | Total Lakewis | | wise |
| • | | Outbourid | | Receipts | Shipments |
| | | | | | |
| Total, all commodities | 634 | 12 | 622 | 596 | 25 |
| Total coal | 175 | | 175 | 175 | |
| 1100 coal & lignite | 175 | | 175 | 175 | _ |
| Total crude materials, inedible except fuels | 459 | 12 | 447 | 422 | 25 |
| Subtotal soil, sand, gravel, rock and stone | 388 | | 388 | 369 | 19 |
| 4322 limestone | 388 | | 388 | 369 | 19 |
| Subtotal iron ore and scrap | 23 | 12 | 11 | 6 | 6 |
| 4420 iron & steel scrap | 23 | 12 | 11 | 6 | 6 |
| Subtotal slag | 47 | | 47 | 47 | |
| 4860 slag - | 47 | | 47 | 47 | |

ST. JOSEPH HARBOR, MI

Section Included: Entrance channel and lower portion of St. Joseph River to and including Benton Harbor Canal. Controlling Depth: 24 feet at entrance; 21 feet between entrance piers and in the river to the mouth of the Paw Paw River; with miscellaneous of shoaling along the channel limits; 17 feet in the Turning Basin; and 16 feet at Benton Harbor Canal. Project Depths: 24 feet at entrance, and 21 feet in channel and river to the mouth of the Paw Paw River; 18 feet in turning basins and the Benton Harbor Canal. Navigation season: March 7 to December 31.

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 447 | 1999 | 510 | 2002 | 602 | 2005 | 531 |
| 1997 | 609 | 2000 | 735 | 2003 | 738 | | |
| 1998 | 747 | 2001 | 1,015 | 2004 | 748 | | |
| | | | · | | | | |

Freight Traffic, 2005 (thousand short tons)

| | | Dom | estic |
|--|-------------------|----------------|---------------------|
| Commodity | Grand Total | Lakewise | Internal |
| Commodity | Grand Total | Receipts | Outbound Downbnd |
| Total all assessables | 504 | 500 | |
| Total, all commodities | 531 | 528 | 3 |
| Total crude materials, inedible except fuels | 295 | 295 | |
| Subtotal soil, sand, gravel, rock and stone | 295 | 295 | |
| 4322 limestone | 187 | 187 | |
| 4331 sand & gravel | 108 | 108 | |
| Total primary manufactured goods | 236 | 233 | 3 |
| Subtotal lime, cement and glass 5220 cement & concrete | 236 236 | 233 233 | 3 3 |
| 5220 Centent & Consider | 230 | 233 | |

Tons All Traffic (x1000) 55
Total Trip-ton-miles Internal and Intraport (x1000) 62

CHEBOYGAN HARBOR, MI

Section Included: Entrance channel and 3,500 feet of river. Controlling Depth: 21 feet to East First Street, including turning basin, and 18.5 feet to the State Road Bridge. Project Depth: 21 feet to East First Street; 18.5 feet to the State Road Bridge; 8.5 feet above the State Road Bridge to Lock in Cheboygan River; 21 feet in turning basin. Navigation season: 14 April to 9 December.

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 276 | 1999 | 365 | 2002 | 272 | 2005 | 258 |
| 1997 | 282 | 2000 | 298 | 2003 | 242 | | |
| 1998 | 308 | 2001 | 279 | 2004 | 352 | | |
| .500 | 000 | | | | 002 | | |

Freight Traffic, 2005 (thousand short tons)

| Commodity | Grand Total | Lake | ewise |
|--|-------------|----------|-----------|
| Commodity | Grand Total | Receipts | Shipments |
| | | | |
| Total, all commodities | 258 | 223 | 35 |
| Total petroleum and petroleum products | 194 | 194 | |
| Subtotal petroleum products | 194 | 194 | |
| 2211 gasoline | 173 | 173 | |
| 2330 distillate fuel oil | 10 | 10 | |
| 2340 residual fuel oil | 11 | 11 | |
| Total crude materials, inedible except fuels | 63 | 28 | 34 |
| Subtotal soil, sand, gravel, rock and stone | 63 | 28 | 34 |
| 4322 limestone | 63 | 28 | 34 |
| Total all manufactured equipment, machinery and products | 1 | 0 | 1 |
| 7900 manufac. prod. nec | 1 | 0 | 1 |

MILWAUKEE HARBOR, WI

Section Included: Lake Approach Channel, outer harbor, Milwaukee River to Buffalo Street, lower 2 miles of Menomonee River, lower 2 miles of Kinnickinnic River and South Menomonee 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 Kinnickinnic River to the Chicago and North Western Railway Bridge at mile 1.0, thence 21 feet to South Kinnickinnic 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 Menomonee River and South Menomonee and Burham Canals.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 2,858 | 1999 | 3,531 | 2002 | 3,127 | 2005 | 3,805 |
| 1997 | 3,265 | 2000 | 3,539 | 2003 | 3,002 | | |
| 1998 | 3,108 | 2001 | 3,373 | 2004 | 3,156 | | |
| | · | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| Commodity | Total | For | eign | Cana | adian |
|---|--|---|-------------------------------|--|--|
| Commodity | าบเส | Inbound | Outbound | Inbound | Outbound |
| Total, all commodities | 1,404 | 146 | 135 | 953 | 169 |
| Total crude materials, inedible except fuels Subtotal soil, sand, gravel, rock and stone 4331 sand & gravel Subtotal iron ore and scrap 4420 iron & steel scrap Subtotal other non-metal. min. 4900 non-metal. min. nec | 832 79 79 5 5 747 747 | 0 0 0 | | 747 ——————————————————————————————————— | 85 79 79 5 5 — |
| Total primary manufactured goods Subtotal lime, cement and glass 5220 cement & concrete Subtotal primary iron and steel products 5320 i&s primary forms 5330 i&s plates & sheets 5360 i&s bars & sheets 5360 is bars & sheets Subtotal primary non-ferrous metal products 5429 smelted prod. nec 5480 fab. metal products | 332 184 184 135 69 55 100 13 2 | 142 ———————————————————————————————————— | 1 1 -1 | 188 184 184 4 2 3 ———————————————————————————————— | = = = = = = = = = = |
| Total food and farm products Subtotal grain 6344 corn Subtotal oilseeds 6522 soybeans | 236 147 147 89 89 | | 133 113 113 20 20 | 18 — 18 18 | 85 34 34 51 |
| Total all manufactured equipment, machinery and products 7110 machinery (not elec) 7120 electrical machinery 7210 vehicles & parts 7900 manufac. prod. nec | 3 2 0 0 1 | 2 1 0 0 1 | 1 1 | | |
| Total unknown or not elsewhere classified 9900 unknown or nec | 2 2 | 2 2 | _ | _ | _ |

MILWAUKEE HARBOR, WI Freight Traffic, 2005 - continued (thousand short tons)

| | | | Dom | estic | |
|---|--|---|--------------------------------|----------------------------|--------------------------|
| Commodity | Total | | ewise | | rnal |
| | | Receipts | Shipments | Receipts | Shipments |
| Total, all commodities | 2,401 | 2,309 | 54 | 2 | 37 |
| Total coal 1100 coal & lignite | 1,156 1,156 | 1,156 1,156 | | - | _ |
| Total petroleum and petroleum products Subtotal petroleum products 2430 asphalt, tar & pitch | 189 189 189 | 189 189 189 | = | | |
| Total crude materials, inedible except fuels Subtotal soil, sand, gravel, rock and stone 4322 limestone 4323 gypsum 4335 waterway improv. mat Subtotal slag 4860 slag Subtotal other non-metal. min. 4900 non-metal. min. nec | 197 24 4 12 8 9 9 164 | 190 17 4 12 1 9 9 164 164 | 7 7 7 | - - - - - - | = |
| Total primary manufactured goods Subtotal lime, cement and glass 5220 cement & concrete | 779 779 779 | 775 775 775 | 5 5 5 | | <u>-</u> |
| Total food and farm products Subtotal grain 6241 wheat 6344 corn Subtotal oilseeds 6522 soybeans | 81 57 52 4 24 | —————————————————————————————————————— | 42 21 21 21 21 | 2 2 2 | 37 34 29 4 3 |

MANITOWOC HARBOR, WI

Section Included: Outer harbor and lower 2 miles of river. Controlling and project depths: 21 feet in the Lake Approach Channel, the outer harbor, and in the river channel to the Third Railway Bridge.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 312 | 1999 | 379 | 2002 | 421 | 2005 | 428 |
| 1997 | 407 | 2000 | 287 | 2003 | 383 | | |
| 1998 | 414 | 2001 | 408 | 2004 | 282 | | |
| | | | | | | | I |

Freight Traffic, 2005 (thousand short tons)

| Commodity | Grand Total | Lake | ewise |
|--|-------------|----------|-----------|
| Commodity | Orana rotai | Receipts | Shipments |
| | | | |
| Total, all commodities | 428 | 387 | 41 |
| Total conf | 440 | 400 | 40 |
| Total coal | 113 | 103 | 10 |
| 1100 coal & lignite | 113 | 103 | 10 |
| Total crude materials, inedible except fuels | 47 | 16 | 31 |
| Subtotal soil, sand, gravel, rock and stone | 47 | 16 | 31 |
| 4322 limestone | 16 | 16 | |
| 4335 waterway improv. mat | 31 | | 31 |
| | | | |
| Total primary manufactured goods | 269 | 269 | |
| Subtotal lime, cement and glass | 269 | 269 | |
| 5220 cement & concrete | 269 | 269 | |

GREEN BAY HARBOR, WI

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 (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 2,176 | 1999 | 2,333 | 2002 | 2,078 | 2005 | 2,728 |
| 1997 | 2,130 | 2000 | 1,551 | 2003 | 2,084 | | - |
| 1998 | 2,353 | 2001 | 2,242 | 2004 | 2,361 | | |
| | | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| | | Foreign | Canadian | | Domestic | |
|---|------------------|---------|----------|------------------|------------------|-------------|
| Commodity | Grand Total | | | Total | Lakewise | Internal |
| Commodity | Grand Total | Inbound | Inbound | | D i - t - | Inbound |
| | | | | | Receipts | Upbound |
| | | | | | | |
| Total, all commodities | 2,728 | 37 | 170 | 2,522 | 2,519 | 3 |
| Total coal | 1,277 | _ | | 1,277 | 1,277 | |
| 1100 coal & lignite | 1,277 | | _ | 1,277 | 1,277 | |
| Total petroleum and petroleum products | 15 | | 15 | | | |
| Subtotal petroleum products | 15 | | 15 | | | |
| 2330 distillate fuel oil | 15 | _ | 15 | | | |
| Total chemicals and related products | 27 | _ | _ | 27 | 27 | _ |
| Subtotal other chemicals and related products | 27 | _ | | 27 | 27 | |
| 3276 metallic salts | 27 | | | 27 | 27 | _ |
| Total crude materials, inedible except fuels | 992 | 30 | 127 | 835 | 835 | _ |
| Subtotal forest products, wood and chips | 13 | 13 | | | | |
| 4170 wood in the rough 4189 lumber | 1 12 | 1 12 | | | | |
| Subtotal pulp and waste paper | 17 | 17 | | | | |
| 4225 pulp & waste paper | 17 | 17 | | | | |
| Subtotal soil, sand, gravel, rock and stone | 653 | | | 653 | 653 | |
| 4322 limestone | 653 | | | 653 | 653 | |
| Subtotal other non-metal. min. | 308 | | 127 | 182 | 182 | |
| 4900 non-metal. min. nec | 308 | | 127 | 182 | 182 | |
| Total primary manufactured goods | 411 | _ | 28 | 383 | 381 | 3 |
| Subtotal lime, cement and glass | 364 | | | 364 | 361 | 3 |
| 5220 cement & concrete Subtotal primary iron and steel products | 364 47 | | 28 | 364 19 | 361 19 | 3 |
| 5312 pig iron | 47 | | 28 | 19 | 19 | |
| | | | | 10 | 10 | |
| Total all manufactured equipment, machinery and products | 4 | 4 | | _ | | |
| 7110 machinery (not elec) 7900 manufac, prod. nec | 1 3 | 1 3 | | | | |
| 7900 manufac. prod. nec | 3 | 3 | | | | |
| Total unknown or not elsewhere classified | 3 | 3 | | | | |
| 9900 unknown or nec | 3 | 3 | | | | |

Tons All Traffic (x1000) Total Trip-ton-miles Internal and Intraport (x1000) 2,728 629

ALPENA HARBOR, MI

Section Included: Lower 4,000 feet of river and private harbors north of mouth of Thunder Bay River. Controlling Depth: 21 feet in the bay section; 17 feet in river; 15 feet in turning basin. Project Depths: channel 21 feet deep from that depth in Thunder Bay to a point 2,500 feet lakeward of the lighthouse; thence 18.5 feet in river narrowing to 100-foot width at a point 700 feet upstream from the lighthouse; thence 100 feet wide and 18.5 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 tasin 15 feet deep by 3.7 acres at the upper end of project; and a turning basin 18.5 feet deep at the river mouth. Navigation season: March 15 to December 17.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 2,345 | 1999 | 3,947 | 2002 | 3,218 | 2005 | 3,229 |
| 1997 | 2,901 | 2000 | 3,405 | 2003 | 3,000 | | |
| 1998 | 3,078 | 2001 | 3,268 | 2004 | 3,275 | | |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | | Domestic | | |
|------------------------|-------------|----------|----------|---------------|----------|-----------|
| Commodity | Grand Total | Inbound | Outbound | Total Lakewis | | ewise |
| | | inbound | Outbound | | Receipts | Shipments |
| | | | | | | |
| Total, all commodities | 3,229 | 202 | 156 | 2,871 | 543 | 2,328 |
| Table 1 | 400 | | | 400 | 400 | |
| Total coal | 486 | | _ | 486 | 486 | |
| 1100 coal & lignite | 250 | | | 250 | 250 | |
| 1200 coal coke | 236 | | | 236 | 236 | |
| | | | | | | |

ALPENA HARBOR, MI Freight Traffic, 2005 - continued (thousand short tons)

| | | Cana | adian | | Domestic | |
|--|-------------|-----------|-----------|-------|----------|-----------|
| Commodity | Grand Total | Inbound | Outbound | Total | Lake | ewise |
| | | IIIDOUIIU | Outbourid | | Receipts | Shipments |
| | | | | | | |
| Total crude materials, inedible except fuels | 283 | 202 | 42 | 39 | 39 | |
| Subtotal soil, sand, gravel, rock and stone | 69 | 21 | 39 | 9 | 9 | |
| 4322 limestone | 31 | | 22 | 9 | 9 | |
| 4331 sand & gravel | 38 | 21 | 17 | | | |
| Subtotal iron ore and scrap | 15 | | | 15 | 15 | |
| 4410 iron ore | 15 | | | 15 | 15 | |
| Subtotal slag | 124 | 106 | 3 | 15 | 15 | |
| 4860 slag | 124 | 106 | 3 | 15 | 15 | |
| Subtotal other non-metal. min. | 75 | 75 | | | | |
| 4900 non-metal. min. nec | 75 | 75 | | | _ | |
| Total primary manufactured goods | 2,459 | _ | 113 | 2.346 | 18 | 2,328 |
| Subtotal lime, cement and glass | 2,459 | | 113 | 2,346 | 18 | 2,328 |
| 5220 cement & concrete | 2,459 | | 113 | 2,346 | 18 | 2,328 |

MENOMINEE HARBOR AND RIVER, MI AND WI

Section Included: Entrance channel and lower 2.0 miles of Menominee River. Controlling and project depths: 20 feet controlling depth, 23 feet project depth in the Approach Channel; 18 feet controlling depth, 21 feet project depth in the entrance and river channels, 19 feet in the river adjacent to the Marinette Marine Corp., 12 feet to the end of the project, and 18.5 feet controlling depth, 21 feet project depth in the Turning Basin.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 191 | 1999 | 165 | 2002 | 429 | 2005 | 342 |
| 1997 | 260 | 2000 | 51 | 2003 | 356 | | |
| 1998 | 388 | 2001 | 196 | 2004 | 401 | | |
| | | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| | | Fore | eign | Canadian | Domestic |
|--|-----------------------|-----------------|----------|-------------------|----------------------|
| Commodity | Grand Total | Inbound | Outbound | Inbound | Lakewise Receipts |
| Total, all commodities | 342 | 125 | 19 | 155 | 44 |
| Total coal | 24 | | | | 24 |
| 1100 coal & lignite | 24 | _ | = | _ | 24 24 |
| Total crude materials, inedible except fuels Subtotal forest products, wood and chips | 168 15 | 83 15 | 19 | 55 | 12 |
| 4189 lumber Subtotal pulp and waste paper | 15 87 | 15 68 | 19 | | |
| 4225 pulp & waste paper Subtotal soil, sand, gravel, rock and stone | 87 12 | 68 | 19 | _ | 12 |
| 4322 limestone Subtotal other non-metal. min. 4900 non-metal. min. nec | 12 55 55 | = | = | 55 55 | 12 — |
| Total primary manufactured goods | 140 | 33 | _ | 100 | 8 |
| Subtotal primary iron and steel products 5312 pig iron | 139 139 | 32 32 | _ | 100 100 | 8 8 |
| Subtotal primary wood products 5540 primary wood prod. | 1 1 | 1 1 | _ | _ | _ |
| Total all manufactured equipment, machinery and products | 0 | 0 | _ | _ | _ |
| 7120 electrical machinery | 0 | 0 | | | |
| Total unknown or not elsewhere classified | 10 | 10 | | | _ |
| 9900 unknown or nec | 10 | 10 | | | |

Section Included: From the mouth of the river up to and including Sagainaw, Michigan. Controlling Depths: 27 feet from the 25 foot contour in Saginaw Bay to 26 feet at the river mouth, 4 feet miscellaneous shoaling along channel limits; thence 24 feet to the Grand Trunk R.R. Bridge; thence 22 feet to the C&O 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 (this section not maintained). Controlling depths in turning basins are: Essexville - 23 feet north side, 22 feet south side; Airport - 21 feet; Carrollton - 19 feet; Sixth Street - 20 feet; basin at 19 mile point - 15 feet. Project Depths: 27 feet from the deep water in Saginaw Bay to the river mouth; thence 26 feet for 0.4 mile; thence 25 feet to the Grand Trunk R.R. Bridge; thence 22 feet to the C&O R.R. Bridge in Saginaw; thence 16.5 feet to the upstream limits 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 (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 5,264 | 1999 | 5,290 | 2002 | 5,819 | 2005 | 5,625 |
| 1997 | 5,730 | 2000 | 4,609 | 2003 | 5,404 | | |
| 1998 | 5,609 | 2001 | 5,839 | 2004 | 5,516 | | |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | | | Domestic | | |
|--|-----------------|-------------------|-------------------|-------------------|-----------|----------------|---------------|
| Commodity | Grand Total | | Total | Lake | Lakewise | | rnal |
| Commonly | Grand Fotal | Inbound | | Receipts | Shipments | Int Upbound | ra Downbnd |
| | | | | | | · | |
| Total, all commodities | 5,625 | 1,385 | 4,240 | 4,216 | 2 | 5 | 16 |
| Total coal | 739 | | 739 | 739 | _ | | _ |
| 1100 coal & lignite | 739 | | 739 | 739 | | | _ |
| Total petroleum and petroleum products | 256 | 30 | 225 | 224 | 2 | | _ |
| Subtotal petroleum products | 256 | 30 | 225 | 224 | 2 | | _ |
| 2330 distillate fuel oil 2340 residual fuel oil | 21 61 | 15 16 | 7 46 | 7 46 | | | |
| 2340 residual fuel oli 2430 asphalt, tar & pitch | 166 | 16 | 166 | 165 | | | _ |
| 2540 petroleum coke | 6 | | 6 | 6 | | | _ |
| Total chemicals and related products | 133 | 58 | 75 | 75 | | | _ |
| Subtotal fertilizers | 58 | 58 | _ | | _ | | _ |
| 3130 potassic fert. | 58 | 58 | | | | | _ |
| Subtotal other chemicals and related products 3276 metallic salts | 75 75 | | 75 75 | 75 75 | | | |
| | | | | | | _ | |
| Total crude materials, inedible except fuels Subtotal forest products, wood and chips | 3,803 | 755 | 3,048 1 | 3,026 | | 5 | 1 |
| 4161 wood chips | 1 1 | | 1 | 1 | | | |
| Subtotal soil, sand, gravel, rock and stone | 3,453 | 406 | 3,047 | 3,026 | | 5 | 1 |
| 4322 limestone | 3,239 | 246 | 2,993 | 2,972 | | 5 | 1 |
| 4331 sand & gravel | 213 | 160 | 54 | 54 | | | _ |
| Subtotal slag | 88 | 88 | | | | | _ |
| 4860 slag | 88 | 88 | | | | | _ |
| Subtotal other non-metal. min. 4900 non-metal. min. nec | 262 262 | 262 262 | | | | | _ |
| | | | 450 | 4=- | | | |
| Total primary manufactured goods | 694 | 541 | 153 | 153 | _ | | _ |
| Subtotal lime, cement and glass 5220 cement & concrete | 692 692 | 541 541 | 151 151 | 151 151 | | | _ |
| Subtotal primary iron and steel products | 2 | 541 | 2 | 2 | | | _ |
| 5312 pig iron | 2 | == | 2 | 2 | = | | _ |
| F.9 | _ | | _ | _ | | | |

Tons All Traffic (x1000)
Total Trip-ton-miles Internal and Intraport (x1000)

5,625 223

ST. CLAIR RIVER, MI

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 (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|--------|------|--------|------|--------|------|--------|
| 1996 | 78,546 | 1999 | 79,910 | 2002 | 79,341 | 2005 | 77,321 |
| 1997 | 79,777 | 2000 | 85,078 | 2003 | 68,067 | | |
| 1998 | 84,238 | 2001 | 79,143 | 2004 | 78,241 | | |
| | · | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| | | Foreign | | Canadian | | |
|------------------------|--------|---------|---------|----------|---------|---------|
| Commodity | Total | | Through | | Through | |
| | | Upbound | Downbnd | Inbound | Upbound | Downbnd |
| | | | | | | |
| Total, all commodities | 33,389 | 1,034 | 2,204 | 651 | 7,420 | 22,080 |
| | | | | | | |
| Total coal | 11,926 | | | _ | 3,857 | 8,069 |
| 1100 coal & lignite | 11,302 | | | | 3,857 | 7,445 |
| 1200 coal coke | 624 | | | | | 624 |
| | | | | | | |

ST. CLAIR RIVER, MI Freight Traffic, 2005 - continued (thousand short tons)

| Commoditi | Tot-I | | eign | | Canadian | |
|--|-----------------------|-----------------|-----------------------|------------|-------------------|------------------------|
| Commodity | Total | Upbound | ough Downbnd | Inbound | Upbound | ough Downbnd |
| Total natraloum and natraloum and dusts | 4.004 | | | 404 | • | |
| Total petroleum and petroleum products Subtotal petroleum products | 1,034 1,034 | | _ | 101 101 | 205 205 | 728 728 |
| 211 gasoline | 44 | | | | 23 | 2 |
| 330 distillate fuel oil 340 residual fuel oil | 122 340 | | | 8 94 | 68 48 | 46 199 |
| 29 naphtha & solvents | 17 | | | | 9 | 8 |
| 430 asphalt, tar & pitch 540 petroleum coke | 113 397 | | | _ | 12 44 | 10 ² 353 |
| 40 petroleum coke | | | | | 44 | |
| Fotal chemicals and related products Subtotal fertilizers | 335 131 | 6 | _ | _ | 76 —- | 254 131 |
| 30 potassic fert. | 131 | | | | _ | 13 |
| Subtotal other chemicals and related products 11 acyclic hydrocarbons | 204 5 | 6 | | _ | 76 —- | 12 |
| 11 acyclic hydrocarbons 12 benzene & toluene | 30 | | | _ | 4 | 2 |
| 9 other hydrocarbons | 25 | 6 | | | 6 | 1 |
| 20 alcohols 10 nitrogen func. comp. | 5 0 | 0 | | | 0 | _ |
| 74 sodium hydroxide | 24 | | | | 24 | _ |
| 75 inorg. elem., oxides, & halogen salts 76 metallic salts | 69 46 | | | | 41 0 | 2 |
| 32 pigments & paints | 0 | 0 | | | | - |
| 3 coloring mat. nec | 0 | | | _ | 0 | - |
| 5 perfumes & cleansers | 0 | | | | 0 | _ |
| otal crude materials, inedible except fuels | 13,208 | 170 | 114 | 550 | 2,259 | 10,11 |
| Subtotal forest products, wood and chips O wood in the rough | 111 1 | 34 1 | _ | _ | _ | |
| 9 lumber | 110 | 33 | _ | _ | _ | 7 |
| Subtotal pulp and waste paper 5 pulp & waste paper | 106 106 | 85 85 | 21 21 | | _ | _ |
| Subtotal soil, sand, gravel, rock and stone | 3,953 | 0 | | 550 | 201 | 3,20 |
| 0 building stone | 0 | 0 | | 470 | | - |
| 22 limestone 31 sand & gravel | 3,154 799 | | | 478 72 | 81 120 | 2,59 60 |
| Subtotal iron ore and scrap | 6,677 | | | | 1,301 | 5,37 |
| 0 iron ore | 6,677 | | | _ | 1,301 | 5,37 |
| Subtotal non-ferrous ores and scrap O aluminum ore | 109 51 | 51 51 | 11 | _ | _ | _ |
| non-ferrous ores nec | 58 | | 11 | _ | _ | 4 |
| Subtotal sulphur, clay and salt 32 clay & refrac. mat. | 322 322 | | 82 82 | | _ | 2 4 24 |
| Subtotal slag | 238 | 0 | —— | _ | 212 | 2 |
| 60 slag | 238 | 0 | | | 212 | 1 1 1 |
| Subtotal other non-metal. min. 00 non-metal. min. nec | 1,691 1,691 | 0 0 | | | 545 545 | 1,14 1,14 |
| otal primary manufactured goods | 2,891 | 798 | 1 | | 939 | 1,15 |
| Subtotal paper products | 0 | 0 | _ | _ | | |
| 00 paper products nec Subtotal lime, cement and glass | 0 1,931 | 0 | _ | _ | 796 | 1,13 |
| 20 cement & concrete | 1,931 | _ | _ | _ | 796 | 1,13 |
| Subtotal primary iron and steel products | 908 | 747 | | _ | 142 | 1 |
| 12 pig iron 20 i&s primary forms | 161 406 | 32 379 | | | 129 10 | 1 |
| 30 i&s plates & sheets | 314 | 310 | | | 3 | |
| 60 i&s bars & shapes 70 i&s pipe & tube | 18 8 | 18 8 | | | | - |
| 0 primary i&s nec | 0 | 1 | | | _ | _ |
| Subtotal primary non-ferrous metal products | 49 | 47 | 1 | _ | 0 | |
| 29 smelted prod. nec 30 fab. metal products | 2 47 | 2 45 | 1 | | 0 | _ |
| Subtotal primary wood products | 3 | 3 | | _ | _ | - |
| 0 primary wood prod. | 3 | 3 | | | | - |
| otal food and farm products | 3,931 | 0 | 2,088 | _ | 83 | 1,76 |
| Subtotal grain I1 wheat | 3,034 2,453 | | 1,713 1,454 | | 65 | 1,2 5 |
| l4 corn | 410 | | 218 | | 65 | 12 |
| 3 barley & rye | 42 | | 42 | | | - |
| 45 oats Subtotal oilseeds | 129 506 | | 64 | | 18 | 12 4 2 |
| 22 soybeans | 482 | | 40 | | 18 | 42 |
| 34 flaxseed Subtatal vagetable products | 24 249 | | 24 168 | _ | _ | - |
| Subtotal vegetable products 54 vegetables & prod. | 2 49 249 | | 1 68 168 | | _ | 8 |
| Subtotal processed grain and animal feed | 86 | | 86 | _ | _ | _` |
| 32 animal feed, prep. Subtotal other agricultural products | 86 56 | | 86 56 | | | _ |
| Subtotal other agricultural products 9 food products nec | 0 | | | | 0 | _ |
| 91 tobacco & products | 0 | 0 | | | _ | _ |
| 99 farm products nec | 56 | | 56 | | | _ |
| otal all manufactured equipment, machinery and products | 28 | 25 | 1 | _ | 2 | |
| machinery (not elec) | 14 | | 1 | | 1 | |

ST. CLAIR RIVER, MI Freight Traffic, 2005 - continued (thousand short tons)

| | | | For | eign | Canadian | | |
|--|--|---------------------------------|---------------------------------|--------------|----------|--------------------|-------------------|
| | Commodity | Total | Thr | ough | Inbound | Through | |
| | | | Upbound | Downbnd | inbound | Upbound | Downbnd |
| 7120 7210 7230 7400 7500 7600 7900 | electrical machinery vehicles & parts ships & boats manufac. wood prod. textile products rubber & plastic pr. manufac. prod. nec | 1 2 0 0 2 1 7 | 0 2 0 0 2 1 6 | | | 1 0 | 1 |
| Total unknown or not elsewhere classified | | 35 | 35 | _ | _ | 0 | |
| 9900 | unknown or nec | 35 | 35 | | | 0 | |
| | niles (x1000) n & Canadian | 1,283,346 | 40,331 | 85,958 | 6,584 | 289,364 | 861,109 |

| | | | | | Domestic | | | |
|---|-------------------------|----------|-----------|-------------------|----------------------|---------|-------------|-------------|
| Commodity | Total | | Lake | | ough | Inbound | Internal | ough |
| | | Receipts | Shipments | Upbound | Downbnd | Downbnd | Upbound | Downbnd |
| Total, all commodities | 43,932 | 8,925 | 64 | 4,868 | 30,040 | 2 | 31 | 3 |
| Total coal | 13.090 | 7.526 | 59 | 3.532 | 1,973 | | | |
| 1100 coal & lignite | 12,690 | 7,526 | 59 | 3,446 | 1,659 | | _ | |
| 1200 coal coke | 400 | _ | _ | 86 | 314 | _ | _ | |
| Total petroleum and petroleum products | 380 | 41 | | 168 | 136 | 2 | 31 | 3 |
| Subtotal petroleum products | 380 | 41 | | 168 | 136 | 2 | 31 | 3 |
| 2211 gasoline | 44 85 | | | 40 | | | 3 | |
| 2330 distillate fuel oil 2340 residual fuel oil | 85 52 | 41 | | 35 50 | 7 | 2 | _ | 3 |
| 2430 asphalt, tar & pitch | 77 | | | 30 | 46 | | | |
| 2540 petroleum coke | 122 | | | 12 | 83 | _ | 28 | |
| Total chemicals and related products | 12 | _ | _ | 7 | 5 | _ | | _ |
| Subtotal other chemicals and related products | 12 | | _ | 7 | 5 | _ | | |
| 3212 benzene & toluene | 7 | | | 7 | | | | |
| 3276 metallic salts | 5 | _ | _ | _ | 5 | _ | _ | |
| Total crude materials, inedible except fuels | 29,567 | 1,358 | 5 | 1,122 | 27,082 | _ | _ | _ |
| Subtotal soil, sand, gravel, rock and | 9,493 | 1,331 | 2 | 58 | 8,103 | _ | | |
| stone 4322 limestone | 9,005 | 1,319 | | 54 | 7,631 | | | |
| 4323 gypsum | 209 | | | | 209 | | | |
| 4331 sand & gravel | 278 | 12 | | 3 | 263 | | _ | |
| 4335 waterway improv. mat | 2 | | 2 | | 40.070 | | _ | |
| Subtotal iron ore and scrap 4410 iron ore | 19,205 19,184 | | | 226 215 | 18,979 18,969 | | _ | |
| 4420 iron & steel scrap | 21 | | | 10 | 10,909 | | | |
| Subtotal slag | 227 | 27 | 3 | 197 | | | | |
| 4860 slag | 227 | 27 | 3 | 197 | | | | |
| Subtotal other non-metal. min. | 642 | | | 642 | | | | |
| 4900 non-metal. min. nec | 642 | | | 642 | | _ | | |
| Total primary manufactured goods | 597 | _ | _ | 40 | 557 | _ | _ | _ |
| Subtotal lime, cement and glass 5220 cement & concrete | 557 557 | | | | 557 557 | _ | | |
| Subtotal primary iron and steel | 40 | _ | | 40 | | _ | _ | _ |
| products 5312 pig iron | 40 | | | 40 | | | | |
| Subtotal primary non-ferrous metal | 0 | | | | 0 | _ | | |
| products 5480 fab. metal products | 0 | | | | 0 | | | |
| Total food and farm products | 286 | _ | _ | _ | 286 | _ | | _ |
| Subtotal grain | 286 | | | | 286 | | | |
| 6241 wheat | 97 | | | | 97 | | | |
| 6445 oats | 189 | _ | _ | _ | 189 | _ | _ | |
| Ton-miles (x1000) Domestic | 1,528,388 | 164,158 | 1,498 | 189,864 | 1,171,544 | 14 | 1,204 | 107 |

Tons All Traffic (x1000)
Ton-miles All Traffic (x1000)
Total Trip-ton-miles Internal and Intraport (x1000) 77,321 2,811,734 33,673

MARYSVILLE, MI (INCLUDED IN ST. CLAIR RIVER)

Section Included: West bank of St. Clair River at Marysville, MI. Controlling Depth: 27.4 feet. Project Depth: at low-water datum; 27.4 feet to and from Lake Huron; 27.1 feet downbound to Lake St. Clair.

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 1,068 | 1999 | 1,357 | 2002 | 1,323 | 2005 | 1,259 |
| 1997 | 1,142 | 2000 | 1,227 | 2003 | 1,213 | | |
| 1998 | 1,282 | 2001 | 1,503 | 2004 | 1,362 | | |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | | Dom | nestic | |
|--|-------------|-----------|-------|----------------|-----------|----------|
| Commodity | Grand Total | Inbound | Total | Total Lakewise | | Internal |
| | | IIIDOUIIU | | Receipts | Shipments | Receipts |
| | | | | | | |
| Total, all commodities | 1,259 | 509 | 750 | 744 | 3 | 2 |
| | *** | | | | | |
| Total coal | 111 | | 111 | 111 | | _ |
| 1100 coal & lignite | 111 | | 111 | 111 | | |
| Total petroleum and petroleum products | 111 | 101 | 10 | 8 | | 2 |
| Subtotal petroleum products | 111 | 101 | 10 | 8 | | 2 |
| 2330 distillate fuel oil | 16 | 8 | 8 | 8 | | |
| 2340 residual fuel oil | 95 | 94 | 2 | | _ | 2 |
| Total crude materials, inedible except fuels | 1,036 | 408 | 628 | 625 | 3 | |
| Subtotal soil, sand, gravel, rock and stone | 1,006 | 408 | 598 | 598 | | |
| 4322 limestone | 944 | 357 | 586 | 586 | | |
| 4331 sand & gravel | 62 | 51 | 12 | 12 | | |
| Subtotal slag | 30 | | 30 | 27 | 3 | |
| 4860 slag | 30 | | 30 | 27 | 3 | |
| | | | | | | |

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

Section Included: West bank of St. Clair River at St. Clair, MI Controlling Depth: 27.3 feet. Project Depth: 27.3 feet.

Comparative Statement of Traffic (thousand short tons)

| 1996 5,427 1999 5,326 2002 | 4,506 2005 4,151 |
|------------------------------------|-------------------------|
| 1997 5,699 2000 5,553 2003 | 4,254 |
| 1998 5,533 2001 4,818 2004 | 5,281 |

Freight Traffic, 2005 (thousand short tons)

| Commodity | Crand Tatal | Lake | ewise |
|--|-------------|----------|-----------|
| Commodity | Grand Total | Receipts | Shipments |
| | | | |
| Total, all commodities | 4,151 | 4,092 | 59 |
| | | | |
| Total coal | 4,119 | 4,060 | 59 |
| 1100 coal & lignite | 4,119 | 4,060 | 59 |
| Total petroleum and petroleum products | 32 | 32 | |
| Subtotal petroleum products | 32 | 32 | |
| 2330 distillate fuel oil | 32 | 32 | |
| | | | |

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

Comparative Statement of Traffic (thousand short tons)

| [| Year | Total | Year | Total | Year | Total | Year | Total |
|---|--------------|----------------|--------------|----------------|--------------|----------------|------|-------|
| | 1996 1997 | 4,116 4,001 | 1999 2000 | 3,652 3,987 | 2002 2003 | 3,713 3,585 | 2005 | 4,225 |
| | 1998 | 4,252 | 2001 | 3,896 | 2004 | 4,077 | | |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | Domestic |
|--|-------------|----------|----------|
| Commodity | Grand Total | Inbound | Lakewise |
| | | mbound | Receipts |
| | | | |
| Total, all commodities | 4,225 | 142 | 4,083 |
| | | | |
| Total coal | 3,355 | | 3,355 |
| 1100 coal & lignite | 3,355 | | 3,355 |
| Total avida metaviala inadible aviant fuela | 869 | 142 | 727 |
| Total crude materials, inedible except fuels Subtotal soil, sand, gravel, rock and stone | 869 | 142 | 727 |
| 4322 limestone | 848 | 121 | 727 |
| | 21 | 21 | 121 |
| 4331 sand & gravel | 211 | 21 | |

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 8 feet in channel to Clinton River. Project Depths: 27.5 feet in main channel and 8 feet in Clinton River channel.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|--------|------|--------|------|--------|------|--------|
| 1996 | 67,111 | 1999 | 67,912 | 2002 | 68,697 | 2005 | 66,767 |
| 1997 | 68,211 | 2000 | 73,490 | 2003 | 58,004 | | |
| 1998 | 71,970 | 2001 | 68,035 | 2004 | 66,558 | | |
| 1998 | 71,970 | 2001 | 68,035 | 2004 | 66,558 | | |

Freight Traffic, 2005 (thousand short tons)

| | | Fore | | Canadian | | |
|--|-----------------------|-----------------|-----------------|---------------------|-----------------------|--|
| Commodity | Total | Thro Upbound | ugh Downbnd | Thro Upbound | ugh Downbnd | |
| Total, all commodities | 31,023 | 1,034 | 2,204 | 7,258 | 20,527 | |
| Total coal | 11,240 | | | 3,857 | 7,383 | |
| 1100 coal & lignite 1200 coal coke | 10,714 526 | _ | _ | 3,857 | 6,856 526 | |
| Total petroleum and petroleum products Subtotal petroleum products | 624 624 | _ | _ | 69 69 | 556 556 | |
| 2211 gasoline | 44 77 | | _ | 23 38 | 21 39 | |
| 2340 residual fuel oil | 114 | | _ | 7 | 108 | |
| 2430 asphalt, tar & pitch 2540 petroleum coke | 65 323 | | | _ | 65 323 | |
| Total chemicals and related products Subtotal fertilizers | 294 131 | _6 | _ | 66 | 222 131 | |
| 3130 potassic fert. | 131 | | _ | | 131 | |
| Subtotal other chemicals and related products 3211 acyclic hydrocarbons | 163 5 | 6 | _ | 66 | 91 5 | |
| 3212 benzene & toluene | 18 | | _ | | 18 | |
| 3219 other hydrocarbons 3220 alcohols | 19 5 | 6 | _ | | 13 5 | |
| 3240 nitrogen func. comp. | 0 | 0 | | 0 | | |
| 3274 sodium hydroxide 3275 inorg. elem., oxides, & halogen salts | 24 45 | _ | _ | 24 41 | 4 | |
| 3276 metallic salts | 46 0 | | _ | 0 | 46 | |
| 3283 coloring mat. nec | 0 | | _ | 0 | | |
| 3285 perfumes & cleansers | 0 | | | 0 | | |
| Total crude materials, inedible except fuels Subtotal forest products, wood and chips | 11,980 111 | 170 34 | 114 | 2,243 | 9,452 78 | |
| 4170 wood in the rough | 1 | 1 | _ | | | |
| 4189 lumber Subtotal pulp and waste paper | 110 106 | 33 85 | 21 | | 78 —- | |
| 4225 pulp & waste paper | 106 | 85 | 21 | | | |
| Subtotal soil, sand, gravel, rock and stone 4310 building stone | 2,725 | 0 0 | _ | 185 | 2,540 | |
| 4322 limestone | 2,019 | | | 69 | 1,950 | |
| 4331 sand & gravel Subtotal iron ore and scrap | 706 6,677 | | _ | 116 1,301 | 590 5,376 | |
| 4410 iron ore | 6,677 | | | 1,301 | 5,376 | |
| Subtotal non-ferrous ores and scrap 4650 aluminum ore | 109 51 | 51 51 | 11 — | | 47 —- | |
| 4690 non-ferrous ores nec Subtotal sulphur, clay and salt | 58 322 | | 11 82 | _ | 47 240 | |
| 4782 clay & refrac. mat. | 322 | <u> </u> | 82 | | 240 | |
| Subtotal slag 4860 slag | 238 238 | 0 0 | _ | 212 212 | 26 26 | |
| Subtotal other non-metal. min. | 1,691 | 0 | _ | 545 | 1,146 | |
| 4900 non-metal. min. nec | 1,691 | 0 | | 545 | 1,146 | |
| Total primary manufactured goods Subtotal paper products | 2,891 0 | 798 0 | 1 | 939 | 1,154 —- | |
| 5190 paper products nec | 0 | Ō | | | | |
| Subtotal lime, cement and glass 5220 cement & concrete | 1,931 1,931 | | _ | 796 796 | 1,135 1,135 | |
| Subtotal primary iron and steel products 5312 pig iron | 908 161 | 747 | _ | 142 129 | 19 | |
| 5320 i&s primary forms | 406 | 32 379 | _ | 10 | 17 | |
| 5330 i&s plates & sheets 5360 i&s bars & shapes | 314 18 | 310 18 | | 3 | 1 | |
| 5370 i&s pipe & tube | 8 | 8 | | | 0 | |
| 5390 primary i&s nec Subtotal primary non-ferrous metal products | 1 49 | 1 47 | 1 | | 1 | |
| 5429 smelted prod. nec | 2 | 2 | | | | |
| 5480 fab. metal products Subtotal primary wood products | 47 3 | 45 3 | 1 | 0 | 1 | |
| 5540 primary wood prod. | 3 | 3 | _ | | | |

CHANNELS IN LAKE ST. CLAIR Freight Traffic, 2005 - continued (thousand short tons)

| | | | eign | Cana | |
|--|---------|---------|-------------|---------|---------|
| Commodity | Total | Thro | | Thro | |
| | | Upbound | Downbnd | Upbound | Downbnd |
| | | | | | |
| Total food and farm products | 3,931 | 0 | 2,088 | 83 | 1,760 |
| Subtotal grain | 3,034 | | 1,713 | 65 | 1,255 |
| 6241 wheat | 2,453 | | 1,454 | | 999 |
| 6344 corn | 410 | | 218 | 65 | 127 |
| 6443 barley & rye | 42 | | 42 | | |
| 6445 oats | 129 | | | | 129 |
| Subtotal oilseeds | 506 | | 64 | 18 | 423 |
| 6522 soybeans | 482 | | 40 | 18 | 423 |
| 6534 flaxseed | 24 | | 24 | | |
| Subtotal vegetable products | 249 | | 168 | | 82 |
| 6654 vegetables & prod. | 249 | | 168 | | 82 |
| Subtotal processed grain and animal feed | 86 | | 86 | _ | |
| 6782 animal feed, prep. | 86 | | 86 | | |
| Subtotal other agricultural products | 56 | 0 | 56 | 0 | |
| 6889 food products nec | 0 | | | 0 | |
| 6891 tobacco & products | 0 | 0 | | | |
| 6899 farm products nec | 56 | | 56 | _ | |
| Total all manufactured equipment, machinery and products | 28 | 25 | 1 | 2 | 1 |
| 7110 machinery (not elec) | 14 | 13 | 1 | 1 | |
| 7120 electrical machinery | 1 | 0 | | 1 | |
| 7210 vehicles & parts | 2 | 2 | | | |
| 7230 ships & boats | 0 | 0 | | | |
| 7400 manufac. wood prod. | 0 | 0 | | | |
| 7500 textile products | 2 | 2 | | | |
| 7600 rubber & plastic pr. | 1 | 1 | | | |
| 7900 manufac. prod. nec | 7 | 6 | _ | 0 | 1 |
| Total unknown or not elsewhere classified | 35 | 35 | | 0 | _ |
| 9900 unknown or nec | 35 | 35 | _ | 0 | _ |
| Ton-miles (x1000) Foreign & Canadian | 558,410 | 18,614 | 39,673 | 130,641 | 369,482 |

| | | | Dom | estic | |
|--|---|--|---------------------------------------|--|---------------------|
| Commodity | Total | Lake | wise | Inte | rnal |
| Conmounty | Total | Thro | | Thro | |
| | | Upbound | Downbnd | Upbound | Downbnd |
| Total, all commodities | 35,744 | 5,612 | 30,098 | 31 | 3 |
| Total coal | 5.675 | 3.643 | 2.032 | _ | _ |
| 1100 coal & lignite 1200 coal coke | 5,274 400 | 3,557 86 | 1,717 314 | _ | _ |
| Total petroleum and petroleum products Subtotal petroleum products 2211 gasoline 2330 distillate fuel oil 2340 residual fuel oil 2430 asphalt, tar & pitch 2540 petroleum coke | 378 378 44 85 50 77 122 | 208 208 40 76 50 30 12 | 136 136 — 7 — 46 83 | 31 31 3 ——————————————————————————————— | 3 3 3 |
| Total chemicals and related products Subtotal other chemicals and related products 3212 benzene & toluene 3276 metallic salts | 12 12 7 5 | 7 7 7 — | 5 5 — 5 | = | |
| Total crude materials, inedible except fuels | 28,796 | 1,714 | 27,082 | | |
| Subtotal soil, sand, gravel, rock and stone | 8,752 | 650 | 8,103 | | |
| 4322 limestone 4323 gypsum 4331 sand & gravel | 8,278 209 266 | 647 —- 3 | 7,631 209 263 | = | = |
| Subtotal iron ore and scrap | 19,205 | 226 | 18,979 | | |
| 4410 iron ore | 19,184 | 215 | 18,969 | | |
| 4420 iron & steel scrap | 21 | 10 | 11 | | |
| Subtotal slag 4860 slag | 197 197 | 197 197 | | | |
| Subtotal other non-metal. min. | 642 | 642 | | | |
| 4900 non-metal. min. nec | 642 | 642 | | | |
| Total primary manufactured goods | 597 | 40 | 557 | _ | |
| Subtotal lime, cement and glass | 557 | | 557 | | |
| 5220 cement & concrete | 557 | | 557 | | |
| Subtotal primary iron and steel products 5312 pig iron | 40 40 | 40 40 | | | |
| Subtotal primary non-ferrous metal products | 40 0 | 40 | 0 | | |
| 5480 fab. metal products | ő | | 0 | | |

CHANNELS IN LAKE ST. CLAIR Freight Traffic, 2005 - continued (thousand short tons)

| | | Domestic | | | |
|-------------------------------|---------|---------------------|---------------------|----------|---------|
| Commodity | Total | Lakewise Through | | Internal | |
| Commodity | Total | | | Through | |
| | | Upbound | Downbnd | Upbound | Downbnd |
| | | | | | |
| Total food and farm products | 286 | | 286 | | |
| Subtotal grain | 286 | | 286 | | |
| 6241 wheat | 97 | | 97 | | |
| 6445 oats | 189 | | 189 | | |
| T (1000) | 040.004 | 404.040 | 544 77 0 | | 40 |
| Ton-miles (x1000) Domestic | 643,394 | 101,019 | 541,770 | 556 | 49 |

Tons All Traffic (x1000) 66,767
Ton-miles All Traffic (x1000) 1,201,805
Total Trip-ton-miles Internal and Intraport (x1000) 32,284

DETROIT RIVER, MI

Section Included: Entire length of Detroit River and Rouge River to head of project. Controlling Depths: 25 to 28.5 feet and 21 to 25 feet, respectively with 5 feet of shoaling along the channel limits of the lower Livingstone and east outer channel and with project depth in the regularly traveled shipping lanes.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|--------|------|--------|------|--------|------|--------|
| 1996 | 75,023 | 1999 | 75,242 | 2002 | 74,653 | 2005 | 71,915 |
| 1997 | 75,939 | 2000 | 80,508 | 2003 | 63,961 | | - |
| 1998 | 82,842 | 2001 | 74,278 | 2004 | 72,458 | | |
| | | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| | | | Fore | | | | Can | adian | |
|---|--------|-----------|-----------|---------|---------|-------------|-------------|---------|---------|
| Commodity | Total | Inbound | Outbound | Thro | | Inbound | Outbound - | | ough |
| | | IIIDOUIIU | Outbourid | Upbound | Downbnd | IIIDOUIIU | Outbourid | Upbound | Downbnd |
| Total, all commodities | 34,454 | 386 | 31 | 1,034 | 2,204 | 3,734 | 235 | 8,003 | 18,827 |
| Total coal | 11,419 | | 25 | | _ | 704 | 26 | 3,883 | 6,782 |
| 1100 coal & lignite | 10,739 | | | | | 480 | | 3,883 | 6,377 |
| 1200 coal coke | 680 | _ | 25 | _ | | 224 | 26 | | 405 |
| Total petroleum and petroleum products | 844 | - | 6 | _ | | 96 | 174 | 109 | 459 |
| Subtotal petroleum products | 844 | | 6 | | _ | 96 | 174 | 109 | 459 |
| 2211 gasoline | 44 | | | | | | 8 | 16 | 21 |
| 2330 distillate fuel oil | 88 | | | | | 39 | 10 | 38 | |
| 2340 residual fuel oil | 114 | | | | | 29 | | 7 | 79 |
| 2430 asphalt, tar & pitch | 77 | | 6 | | | | 7 | | 65 |
| 2540 petroleum coke | 520 | _ | _ | _ | | 28 | 149 | 48 | 295 |
| Total chemicals and related products | 329 | 0 | _ | 6 | _ | 4 | 35 | 66 | 218 |
| Subtotal fertilizers | 131 | | | | | | | | 131 |
| 3130 potassic fert. | 131 | | | | | | | | 131 |
| Subtotal other chemicals and related products | 198 | 0 | | 6 | | 4 | 35 | 66 | 87 |
| 3211 acyclic hydrocarbons | 5 | | | | | | | | 5 |
| 3212 benzene & toluene | 18 | | | | | | | | 18 |
| 3219 other hydrocarbons | 19 | 0 | | 6 | | | | | 13 |
| 3220 alcohols | 5 | | | | | | | | 5 |
| 3240 nitrogen func. comp. | 0 | _ | | 0 | | | | 0 | |
| 3274 sodium hydroxide | 24 | _ | | | | | | 24 | |
| 3275 inorg. elem., oxides, & halogen salts | 80 | | | | | 4 | 35 | 41 | |
| 3276 metallic salts | 46 | | | | | | | 0 | 46 |
| 3282 pigments & paints | 0 | | | 0 | | | | 0 | |
| 3283 coloring mat. nec | 0 | | | | | | | 0 | |
| 3285 perfumes & cleansers | - | | | | _ | | | | |
| Total crude materials, inedible except fuels | 14,355 | | _ | 170 | 114 | 2,121 | _ | 2,887 | 9,062 |
| Subtotal forest products, wood and chips | 111 | | | 34 | | | | | 78 |
| 4170 wood in the rough | 1 | | | 1 | | | | | |
| 4189 lumber | 110 | | _ | 33 | | | | | 78 |
| Subtotal pulp and waste paper | 106 | _ | | 85 | 21 | _ | _ | _ | _ |
| 4225 pulp & waste paper | 106 | | | 85 | 21 | | | | |
| Subtotal soil, sand, | 3,550 | | _ | 0 | | 256 | | 829 | 2,465 |
| gravel, rock and stone | 2,200 | | | Ū | | _00 | | 320 | _,,,,, |
| 4310 building stone | 0 | | | 0 | | | | | |
| 4322 limestone | 2,605 | | | | | 87 | | 603 | 1,915 |
| 4331 sand & gravel | 946 | | | | | 169 | | 227 | 550 |

DETROIT RIVER, MI Freight Traffic, 2005 - continued (thousand short tons)

| | | | Fore | eian | | Canadian | | | |
|--|---------------------|-----------|----------|---------------|-----------------------|-------------------|----------|-------------------|---------------------|
| Commodity | Total | Inbound | Outbound | Thro | | Inbound | Outbound | Thro | ough |
| | | IIIDouria | Outbound | Upbound | Downbnd | IIIDOGIIG | Outbound | Upbound | Downbnd |
| Subtotal iron ore and | 7,123 | _ | | | | 446 | | 1,301 | 5,376 |
| scrap 4410 iron ore | 7,123 | | | | | 446 | | 1,301 | 5,376 |
| Subtotal non-ferrous ores | 134 | | | 51 | 11 | 25 | | 1,301 | 3,376 47 |
| and scrap | 51 | | | 51 | | | | | |
| 4650 aluminum ore 4690 non-ferrous ores nec | 83 | _ | | —- | 11 | 25 | _ | | 47 |
| Subtotal sulphur, clay | 322 | _ | | _ | 82 | _ | _ | | 240 |
| and salt 4782 clay & refrac. mat. | 322 | | | | 82 | | | | 240 |
| Subtotal slag | 800 | _ | | 0 | _ | 588 | _ | 212 | |
| 4860 slag Subtotal other non-metal. | 800 2,207 | _ | _ | 0 0 | _ | 588 806 | _ | 212 545 | 856 |
| min. | - | | | | | | | | |
| 4900 non-metal. min. nec | 2,207 | _ | | 0 | _ | 806 | _ | 545 | 856 |
| Total primary | 3,477 | 385 | _ | 798 | 1 | 810 | 0 | 939 | 545 |
| manufactured goods Subtotal paper products | 0 | _ | | 0 | | | | | |
| 5190 paper products nec | 0 | | | 0 | | | | 700 | |
| Subtotal lime, cement and glass | 2,122 | | | | | 805 | | 796 | 521 |
| 5220 cement & concrete | 2,122 | | _ | | | 805 | _ | 796 | 521 |
| Subtotal primary iron and steel products | 1,302 | 384 | | 747 | | 5 | 0 | 142 | 23 |
| 5312 pig iron | 161 | | | 32 | | | _ | 129 | |
| 5315 ferro alloys 5320 i&s primary forms | 3 648 | 3 231 | _ | 379 | _ | 5 | | 10 | 22 |
| 5330 i&s plates & sheets | 362 | 48 | | 310 | | | | 3 | 1 |
| 5360 i&s bars & shapes | 119 | 101 | | 18 | _ | _ | _ | | |
| 5370 i&s pipe & tube 5390 primary i&s nec | 8 1 | 0 | _ | 8 | _ | 0 | _ | _ | 0 |
| Subtotal primary | 50 | 1 | | 47 | 1 | | | 0 | 1 |
| non-ferrous metal products | 2 | | | 2 | | | | | |
| 5429 smelted prod. nec 5480 fab. metal products | 48 | 1 | | 2 45 | 1 | | | 0 | 1 |
| Subtotal primary wood | 3 | _ | | 3 | _ | | | _ | |
| products 5540 primary wood prod. | 3 | | | 3 | | | | | |
| Total food and farm | 3,964 | _ | | 0 | 2,088 | | | 116 | 1,760 |
| products | 2.024 | | | | 1 712 | | | e E | 1 255 |
| Subtotal grain 6241 wheat | 3,034 2,453 | _ | | | 1,713 1,454 | | | 65 —- | 1,255 999 |
| 6344 corn | 410 | | | | 218 | | | 65 | 127 |
| 6443 barley & rye 6445 oats | 42 129 | _ | _ | _ | 42 | _ | _ | _ | 129 |
| Subtotal oilseeds | 539 | _ | | | 64 | | | 51 | 423 |
| 6522 soybeans | 515 | | | _ | 40 | | _ | 51 | 423 |
| 6534 flaxseed Subtotal vegetable | 24 249 | | | | 24 168 | | | | 82 |
| products | | | | | | | | | |
| 6654 vegetables & prod. Subtotal processed grain | 249 86 | _ | | | 168 86 | | | _ | 82 |
| and animal feed | | | | | | | | | |
| 6782 animal feed, prep. Subtotal other | 86 56 | | | | 86 56 | | _ | | |
| agricultural products | | | | · | | | | | |
| 6889 food products nec 6891 tobacco & products | 0 | _ | _ | | _ | _ | _ | 0 | |
| 6899 farm products nec | 56 | | | | 56 | | | | |
| Total all manufactured | 31 | 1 | 0 | 25 | 1 | 0 | | 3 | 1 |
| equipment, machinery and | 01 | | · | 20 | | · | | · | · |
| products 7110 machinery (not elec) | 16 | 0 | 0 | 13 | 1 | 0 | | 2 | 0 |
| 7120 electrical machinery | 2 | 1 | | 0 | ' | 0 | | 1 | |
| 7210 vehicles & parts | 2 | | | 2 | | | _ | | |
| 7230 ships & boats 7400 manufac. wood prod. | 0 | 0 | _ | 0 | | _ | _ | _ | _ |
| 7500 textile products | 2 | | | 2 | | | | | |
| 7600 rubber & plastic pr. 7900 manufac. prod. nec | 1 7 | _ | _ | 1 6 | _ | _ | _ | 1 | 1 |
| · | | | | | | | | | |
| Total unknown or not elsewhere classified | 35 | _ | | 35 | | | _ | 0 | _ |
| 9900 unknown or nec | 35 | | | 35 | | | | 0 | |
| Ton-miles | 992,760 | 7,621 | 509 | 32,058 | 68,326 | 48,880 | 3,648 | 248,089 | 583,629 |
| Foreign & Canadian (x1000) | ļ | | | | | | | | |

DETROIT RIVER, MI Freight Traffic, 2005 - continued (thousand short tons)

| | | | Lake | wise | |
|--|-----------------------|-----------------------|-----------------|-------------------|-------------------------|
| Commodity | Total | Receipts | Shipments - | Thro Upbound | Downbnd |
| | | | | Оррошна | DOWIDIIU |
| Total, all commodities | 37,285 | 12,176 | 715 | 5,148 | 19,246 |
| Total coal | 6,963 | 1,546 | 86 | 3,557 | 1,775 |
| 1100 coal & lignite 1200 coal coke | 6,553 411 | 1,477 69 | 86 | 3,557 | 1,519 256 |
| Total petroleum and petroleum products | 602 | 10 | 340 | 120 | 132 |
| Subtotal petroleum products 2211 gasoline | 602 40 | 10 | 340 | 120 40 | 132 |
| 2330 distillate fuel oil | 83 | | 42 | 34 | 7 |
| 2340 residual fuel oil 2430 asphalt, tar & pitch | 58 309 | | 12 256 | 46 | 46 |
| 2540 petroleum coke | 112 | 4 | 29 | = | 79 |
| Total chemicals and related products | 12 | _ | _ | 7 | 5 |
| Subtotal other chemicals and related products 3212 benzene & toluene | 12 7 | _ | _ | 7 7 | 5 |
| 3276 metallic salts | 5 | _ | _ | <u>.</u> | 5 |
| Total crude materials, inedible except fuels | 28,825 | 10,288 | 250 | 1,464 | 16,823 |
| Subtotal soil, sand, gravel, rock and stone 4322 limestone | 8,781 8,296 | 2,504 2,487 | _ | 650 647 | 5,628 5,163 |
| 4323 gypsum | 209 | 2,407 | | | 209 |
| 4331 sand & gravel | 276 19,205 | 17 7.784 | 106 | 3 | 256 |
| Subtotal iron ore and scrap 4410 iron ore | 19,205 | 7,784 | 96 | 119 119 | 11,195 11,184 |
| 4420 iron & steel scrap | 21 | , _ | 10 | | 11 |
| Subtotal slag 4860 slag | 197 197 | _ | 53 53 | 144 144 | |
| Subtotal other non-metal. min. | 642 | | 90 | 551 | |
| 4900 non-metal. min. nec | 642 | | 90 | 551 | |
| Total primary manufactured goods Subtotal lime, cement and glass | 597 557 | 332 332 | 40 | _ | 225 225 |
| 5220 cement & concrete | 557 | 332 | | _ | 225 |
| Subtotal primary iron and steel products | 40 | _ | 40 | | |
| 5312 pig iron Subtotal primary non-ferrous metal products | 40 0 | | 40 | | |
| 5480 fab. metal products | ő | ő | | | |
| Total food and farm products | 286 | _ | _ | _ | 286 |
| Subtotal grain 6241 wheat | 286 97 | _ | | _ | 286 97 |
| 6445 oats | 189 | | | | 189 |
| Ton-miles (x1000) Lakewise | 1,007,171 | 239,399 | 11,558 | 159,594 | 596,620 |

| | | | | Internal | | |
|--|-------|----------|---------|----------|----------|----------|
| Commodity | Total | Outbound | Thro | ough | Int | tra |
| | | Upbound | Upbound | Downbnd | Upbound | Downbnd |
| | | | | | | |
| Total, all commodities | 176 | 28 | 3 | 3 | 92 | 50 |
| Total natural community and natural community districts | 171 | 00 | • | • | 07 | 50 |
| Total petroleum and petroleum products Subtotal petroleum products | 171 | 28 28 | 3 | 3 | 87 87 | 50 50 |
| 2211 gasoline | 3 | | 3 | | —- | |
| 2330 distillate fuel oil | 7 | | | 3 | 4 | |
| 2340 residual fuel oil | 24 | | | | 24 | |
| 2430 asphalt, tar & pitch | 96 | | | | 49 | 47 |
| 2540 petroleum coke | 40 | 28 | | | 9 | 3 |
| Total crude materials, inedible except fuels | 6 | | | | 6 | |
| Subtotal non-ferrous ores and scrap | 6 | | | | 6 | |
| 4690 non-ferrous ores nec | 6 | | _ | | 6 | |
| Ton-miles (x1000) Internal | 1,758 | 304 | 101 | 85 | 532 | 737 |

Tons All Traffic (x1000) Ton-miles All Traffic (x1000) Total Trip-ton-miles Internal and Intraport (x1000) 71,915 2,001,689 32,432

DETROIT HARBOR, MI (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.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 8,224 | 1999 | 8,257 | 2002 | 5,810 | 2005 | 5,705 |
| 1997 | 5,689 | 2000 | 7,116 | 2003 | 3,770 | | |
| 1998 | 5,882 | 2001 | 6,053 | 2004 | 4,499 | | |
| | | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| Commodity | Total | | eign | Canadian | |
|--|---|---------------------------|--|---|-----------|
| Commonly | Ισιαί | Inbound | Outbound | Inbound | Outbound |
| Total, all commodities | 911 | 226 | 25 | 635 | 26 |
| Total coal 1200 coal coke | 51 51 | _ | 25 25 | _ | 26 |
| Total petroleum and petroleum products Subtotal petroleum products 2340 residual fuel oil | 2 2 2 | <u>-</u> | | 2 2 2 | = |
| Total chemicals and related products Subtotal other chemicals and related products 3219 other hydrocarbons | 0 0 0 | 0 0 0 | Ξ | = | Ξ |
| Total crude materials, inedible except fuels Subtotal soil, sand, gravel, rock and stone 4331 sand & gravel Subtotal iron ore and scrap 4410 iron ore Subtotal non-ferrous ores and scrap 4690 non-ferrous ores nec Subtotal slag 4860 slag Subtotal other non-metal. min. 4900 non-metal. min. nec | 106 11 11 18 18 13 13 31 31 34 | | ====================================== | 106 11 11 18 18 13 13 31 31 34 | |
| Total primary manufactured goods Subtotal lime, cement and glass 5220 cement & concrete Subtotal primary iron and steel products 5320 i&s primary forms 5330 i&s plates & sheets 5360 i&s bars & shapes 5370 i&s pipe & tube 5390 primary i&s nec Subtotal primary non-ferrous metal products 5480 fab. metal products | 752 526 526 225 136 31 57 0 0 | 226 | = | 526 526 526 ———————————————————————————— | = |
| Total all manufactured equipment, machinery and products 7110 machinery (not elec) 7120 electrical machinery | 1 0 1 | 1 0 1 | | | = |

| | | | Dom | estic | |
|--|-----------------------|-----------------------|-----------------|----------|-----------|
| Commodity | Total | Lake | ewise | Inte | rnal |
| | | Receipts | Shipments | Receipts | Shipments |
| Total, all commodities | 4,794 | 4,632 | 128 | 6 | 28 |
| Total coal | 65 | 8 | 57 | | _ |
| 1100 coal & lignite 1200 coal coke | 8 57 | 8 | 57 | _ | _ |
| Total petroleum and petroleum products | 32 | 4 | _ | | 28 |
| Subtotal petroleum products | 32 | 4 | | | 28 |
| 2430 asphalt, tar & pitch | 28 | | | | 28 |
| 2540 petroleum coke | 4 | 4 | | | |
| Total crude materials, inedible except fuels | 4,409 | 4,332 | 72 | 6 | |
| Subtotal soil, sand, gravel, rock and stone | 645 | 645 | | | |
| 4322 limestone | 635 | 635 | | | |
| 4331 sand & gravel | 10 | 10 | 45 | | |
| Subtotal iron ore and scrap 4410 iron ore | 3,732 3,732 | 3,686 3,686 | 45 45 | | |
| Subtotal non-ferrous ores and scrap | 5,732 | 3,000 | | 6 | |
| 4690 non-ferrous ores nec | 6 | | | 6 | |
| Subtotal slag | 26 | | 26 | | |
| 4860 slag | 26 | _ | 26 | _ | _ |
| Total primary manufactured goods | 288 | 288 | | | _ |
| Subtotal lime, cement and glass | 288 | 288 | | | |
| 5220 cement & concrete | 288 | 288 | | | |

ROUGE RIVER, MI (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 feet from mouth of Short Cut Canal to and including the turning basin in main channel.

| 1996 9,307 1999 8,190 2002 10,01 | 2005 11.020 |
|--|-------------|
| | |
| 1997 11,996 2000 9,243 2003 9,74 | |
| 1998 12,626 2001 10,036 2004 11,17 | |

Freight Traffic, 2005 (thousand short tons)

| O | T-4-1 | Foreign | Cana | adian |
|--|--|--------------------|--|--|
| Commodity | Total | Outbound | Inbound | Outbound |
| Total, all commodities | 3,154 | 6 | 2,939 | 209 |
| Total coal | 704 | | 704 | |
| 1100 coal & lignite 1200 coal coke | 480 224 | _ | 480 224 | |
| Total petroleum and petroleum products | 274 | 6 | 94 | 174 |
| Subtotal petroleum products 2211 gasoline 2330 distillate fuel oil 2340 residual fuel oil 2430 asphalt, tar & pitch 2540 petroleum coke | 274 8 49 27 12 177 | 6 6 | 94 39 27 28 | 174 8 10 —- 7 149 |
| Total chemicals and related products Subtotal other chemicals and related products 3275 inorg. elem., oxides, & halogen salts | 39 39 39 | | 4 4 4 | 35 35 35 |
| Total crude materials, inedible except fuels Subtotal soil, sand, gravel, rock and stone 4322 limestone 4331 sand & gravel Subtotal iron ore and scrap 4410 iron ore Subtotal non-ferrous ores and scrap 4690 non-ferrous ores nec Subtotal slag 4860 slag Subtotal other non-metal. min. 4900 non-metal. min. nec | 1,859 181 48 133 428 428 13 13 557 680 680 | | 1,859 181 48 133 428 428 13 13 557 680 680 | |
| Total primary manufactured goods Subtotal lime, cement and glass 5220 cement & concrete Subtotal primary iron and steel products 5320 i&s primary forms | 279 278 278 0 0 | — — — | 278 278 278 —- | • • • • • |
| Total all manufactured equipment, machinery and products 7110 machinery (not elec) 7120 electrical machinery | 0 0 0 | _ | 0 0 0 | |

| | | | | Domestic | | |
|--|-------|----------|-----------|----------|-------------|-----------|
| Commodity | Total | Lake | ewise | | Internal | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| | | | | | | |
| Total, all commodities | 7,867 | 7,110 | 587 | 28 | 33 | 109 |
| | | | | | | |
| Total coal | 1,234 | 1,205 | 29 | | _ | |
| 1100 coal & lignite | 1,136 | 1,136 | | | | |
| 1200 coal coke | 98 | 69 | 29 | | | |
| Total petroleum and petroleum products | 511 | 6 | 340 | 28 | 28 | 109 |
| Subtotal petroleum products | 511 | 6 | 340 | 28 | 28 | 109 |
| 2330 distillate fuel oil | 46 | | 42 | | | 4 |
| 2340 residual fuel oil | 37 | | 12 | | | 24 |
| 2430 asphalt, tar & pitch | 358 | 6 | 256 | 28 | | 68 |
| 2540 petroleum coke | 69 | | 29 | | 28 | 13 |
| · | | | | | | |
| Total crude materials, inedible except fuels | 6,038 | 5,855 | 178 | _ | 6 | |
| Subtotal soil, sand, gravel, rock and stone | 1,756 | 1,756 | | | | |
| 4322 limestone | 1,756 | 1,756 | | | | |
| Subtotal iron ore and scrap | 4,159 | 4,098 | 61 | | | |
| 4410 iron ore | 4,149 | 4,098 | 51 | | | |
| 4420 iron & steel scrap | 10 | | 10 | | | |
| Subtotal non-ferrous ores and scrap | 6 | | | | 6 | |
| 4690 non-ferrous ores nec | 6 | | | | 6 | |
| Subtotal slag | 27 | | 27 | | | |
| 4860 slag | 27 | | 27 | | | |
| Subtotal other non-metal. min. | 90 | | 90 | | | |
| 4900 non-metal. min. nec | 90 | I —- | 90 | | | |

ROUGE RIVER, MI (INCLUDED IN PORT OF DETROIT) Freight Traffic, 2005 - continued (thousand short tons)

| | | | | Domestic | | |
|---|-------|----------|-------------|----------|-----------|-------------|
| Commodity | Total | Lake | ewise | | Internal | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| | | | | | | |
| Total primary manufactured goods | 84 | 44 | 40 | | _ | |
| Subtotal lime, cement and glass | 44 | 44 | | | | |
| 5220 cement & concrete | 44 | 44 | | | | |
| Subtotal primary iron and steel products | 40 | | 40 | | | |
| 5312 pig iron | 40 | | 40 | | | |
| Subtotal primary non-ferrous metal products 5480 fab. metal products | 0 | 0 | | | _ | |
| 5480 fab. metal products | 0 | 0 | | | | |
| | | | | | | |

ECORSE, MI (INCLUDED IN PORT OF DETROIT)

Section Included: U.S. shore of Detroit River from Great Lakes Avenue. to Ecorse River. Controlling Depth: 26.5 feet. Project Depth: 28.5 feet.

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 797 | 1999 | 303 | 2002 | 1,105 | 2005 | 418 |
| 1997 | 375 | 2000 | 610 | 2003 | 564 | | |
| 1998 | 843 | 2001 | 703 | 2004 | 971 | | |

Freight Traffic, 2005 (thousand short tons)

| | | Foreign | Canadian | Domestic |
|--|-----------------|----------|-----------------|----------------------|
| Commodity | Grand Total | Inbound | Inbound | Lakewise Receipts |
| | | | | 11000.p10 |
| Total, all commodities | 417 | 160 | 161 | 97 |
| Total chemicals and related products | 0 | 0 | | _ |
| Subtotal other chemicals and related products | 0 | 0 | | |
| 3219 other hydrocarbons | 0 | 0 | | |
| Total crude materials, inedible except fuels | 253 | | 156 | 97 |
| Subtotal soil, sand, gravel, rock and stone | 160 | | 63 | 97 |
| 4322 limestone | 129 | | 39 | 90 |
| 4331 sand & gravel Subtotal other non-metal, min. | 31 93 | | 25 93 | 7 |
| 4900 non-metal, min, nec | 93 | | 93 | |
| Total Maria Maria Maria | | | 00 | |
| Total primary manufactured goods | 164 | 159 | 5 | |
| Subtotal primary iron and steel products | 164 | 159 | 5 | |
| 5315 ferro alloys | 3 | 3 | | |
| 5320 i&s primary forms 5330 i&s plates & sheets | 100 17 | 95 17 | 5 | |
| 5360 i&s plates & sheets | 43 | 43 | | |
| 5370 i&s pipe & tube | 0 | 0 | 0 | |
| 5390 primary i&s nec | Ö | ő | | |
| Subtotal primary non-ferrous metal products | 1 | 1 | | |
| 5480 fab. metal products | 1 | 1 | | _ |
| Total all manufactured equipment, machinery and products | 0 | 0 | _ | |
| 7110 machinery (not elec) | 0 | 0 | | |
| 7120 electrical machinery | 0 | 0 | | |
| 7230 ships & boats | 0 | 0 | | |

PORT OF DETROIT, MI

Section Included: Detroit Harbor, Rouge River, Ecorse, Wyandotte, Riverview and Trenton. Controlling and Project Depths: See aforementioned project descriptions.

| Year | Total | Year | Total | Year | Total | Year | Total | |
|------|--------|------|--------|------|--------|------|--------|---|
| 1996 | 18,604 | 1999 | 16,948 | 2002 | 17,306 | 2005 | 17,448 | ı |
| 1997 | 18,135 | 2000 | 17,295 | 2003 | 14,308 | | , | l |
| 1998 | 19,454 | 2001 | 16,991 | 2004 | 16,858 | | | l |
| | , | | · | | · · | | | Ĺ |

Freight Traffic, 2005 (thousand short tons)

| Commodity | Total | | eign | Canadian | | |
|---|-------------------|---------------|----------|-------------------|----------|--|
| Commodity | Total | Inbound | Outbound | Inbound | Outbound | |
| otal, all commodities | 4,386 | 386 | 31 | 3,734 | 23 | |
| Total coal | 754 | | 25 | 704 | 20 | |
| 100 coal & lignite | 480 | | | 480 | _ | |
| 200 coal coke | 275 | | 25 | 224 | 20 | |
| Total petroleum and petroleum products | 276 | _ | 6 | 96 | 174 | |
| Subtotal petroleum products | 276 | | 6 | 96 | 174 | |
| 211 gasoline 330 distillate fuel oil | 8 49 | | | 39 | 10 | |
| 340 residual fuel oil | 29 | | | 29 | | |
| 430 asphalt, tar & pitch | 12 | | 6 | | | |
| 540 petroleum coke | 177 | _ | _ | 28 | 14 | |
| Total chemicals and related products | 39 | 0 | _ | 4 | 3 | |
| Subtotal other chemicals and related products | 39 | 0 | | 4 | 3 | |
| 219 other hydrocarbons | 0 | 0 | | | _ | |
| inorg. elem., oxides, & halogen salts | 39 | | | 4 | 3 | |
| Total crude materials, inedible except fuels | 2,121 | _ | _ | 2,121 | - | |
| Subtotal soil, sand, gravel, rock and stone | 256 | | | 256 | - | |
| 322 limestone | 87 | | | 87 | _ | |
| 331 sand & gravel Subtotal iron ore and scrap | 169 446 | _ | | 169 446 | | |
| 410 iron ore | 446 | | | 446 | _ | |
| Subtotal non-ferrous ores and scrap | 25 | | | 25 | _ | |
| 690 non-ferrous ores nec | 25 | | | 25 | _ | |
| Subtotal slag | 588 | | | 588 | - | |
| 360 slag | 588 | | | 588 | _ | |
| Subtotal other non-metal. min. | 806 | | | 806 | - | |
| 900 non-metal. min. nec | 806 | | | 806 | _ | |
| Total primary manufactured goods | 1,195 | 385 | _ | 810 | | |
| Subtotal lime, cement and glass 220 cement & concrete | 805 805 | | | 805 805 | _ | |
| Subtotal primary iron and steel products | 389 | 384 | | 5 | _ | |
| 315 ferro alloys | 3 | 3 | | | _ | |
| 320 i&s primary forms | 236 | 231 | | 5 | | |
| 330 i&s plates & sheets | 48 | 48 | | | - | |
| 360 i&s bars & shapes | 101 | 101 | | | - | |
| 370 i&s pipe & tube | 0 | 0 | | 0 | - | |
| 390 primary i&s nec Subtotal primary non-ferrous metal products | 0 1 | 0 1 | | | _ | |
| 480 fab. metal products | 1 | 1 | _ | _ | _ | |
| Total all manufactured equipment, machinery and products | 1 | 1 | 0 | 0 | _ | |
| 110 machinery (not elec) | 1 | Ö | 0 | Ö | _ | |
| 120 electrical machinery | 1 | 1 | | Ö | _ | |
| | | | | | | |

| | | | Dom | estic | |
|--|--------|----------|-----------|-----------|-----------|
| Commodity | Total | Lake | ewise | Inter | nal |
| | | Receipts | Shipments | Shipments | Intraport |
| | | | | | |
| Total, all commodities | 13,062 | 12,176 | 715 | 28 | 143 |
| | | | | | |
| Total coal | 1,631 | 1,546 | 86 | _ | |
| 1100 coal & lignite | 1,477 | 1,477 | | | |
| 1200 coal coke | 155 | 69 | 86 | | |
| Total control of the control of the | F4F | 40 | 0.40 | | 407 |
| Total petroleum and petroleum products | 515 | 10 | 340 | 28 | 137 |
| Subtotal petroleum products | 515 | 10 | 340 | 28 | 137 |
| 2330 distillate fuel oil | 46 | | 42 | | 4 |
| 2340 residual fuel oil | 37 | | 12 | | 24 |
| 2430 asphalt, tar & pitch | 358 | 6 | 256 | | 96 |
| 2540 petroleum coke | 73 | 4 | 29 | 28 | 13 |
| | | | | | |
| Total crude materials, inedible except fuels | 10,543 | 10,288 | 250 | | 6 |
| Subtotal soil, sand, gravel, rock and stone | 2,504 | 2,504 | _ | | |
| 4322 limestone | 2,487 | 2,487 | | | |

PORT OF DETROIT, MI Freight Traffic, 2005 - continued (thousand short tons)

| | | | Dom | estic | |
|--|--|---|--|---|--|
| Commodity | Total | Lake | ewise | Inte | rnal |
| | | Receipts | Shipments | Shipments | Intraport |
| 4331 sand & gravel Subtotal iron ore and scrap 4410 iron ore 4420 iron & steel scrap Subtotal non-ferrous ores and scrap 4690 non-ferrous ores nec Subtotal slag 4860 slag Subtotal other non-metal. min. 4900 non-metal. min. nec | 17 7,891 7,881 10 6 6 53 53 90 | 7,784 7,784 7,784 ———————————————————————————————————— | 106 96 10 — 53 53 90 90 | ======================================= | 6 6 —————————————————————————————————— |
| Total primary manufactured goods Subtotal lime, cement and glass 5220 cement & concrete Subtotal primary iron and steel products 5312 pig iron Subtotal primary non-ferrous metal products 5480 fab. metal products | 372 332 332 40 40 0 | 332 332 332 — — 0 | 40 — 40 40 | | |

MONROE HARBOR, MI

Section Included: Channel in Lake Erie and 16,000 feet above Raisin River.Controlling depth: 20 feet to turning basin over a center width of 150 feet; 16.5 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 docks at Monroe. Navigation season: Approximately 20 April to 14 December.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 1,794 | 1999 | 1,771 | 2002 | 1,008 | 2005 | 1,587 |
| 1997 | 2,750 | 2000 | 915 | 2003 | 1,077 | | |
| 1998 | 1,929 | 2001 | 766 | 2004 | 948 | | |
| | | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| | | Foreign | Canadian | Domestic |
|--|-------------|---------|----------|----------------------|
| Commodity | Grand Total | Inbound | Inbound | Lakewise Receipts |
| | | | | |
| Total, all commodities | 1,587 | 3 | 58 | 1,525 |
| Total coal | 1,407 | _ | | 1,407 |
| 1100 coal & lignite | 1,407 | | | 1,407 |
| Total petroleum and petroleum products Subtotal petroleum products | 176 176 | _ | 58 58 | 118 118 |
| 2340 residual fuel oil 2430 asphalt, tar & pitch | 2 102 | | 2 7 | 95 |
| 2540 petroleum coke | 71 | | 49 | 23 |
| Total primary manufactured goods | 1 | 1 | _ | |
| Subtotal primary iron and steel products | 1 | 1 | | |
| 5360 i&s bars & shapes | 1 | 1 | | |
| Total unknown or not elsewhere classified | 2 | 2 | | |
| 9900 unknown or nec | 2 | 2 | | |

CALCITE, MI NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|--------|------|-------|------|-------|------|-------|
| 1996 | 8,669 | 1999 | 9,533 | 2002 | 8,575 | 2005 | 7,288 |
| 1997 | 10,036 | 2000 | 8,475 | 2003 | 6,832 | | - |
| 1998 | 9,389 | 2001 | 8,317 | 2004 | 8,949 | | |
| | | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | | Domestic | |
|--|--|----------------|----------------|---|--|
| Commodity | Grand Total | Inbound | Outbound | Lakewise Shipments | |
| Total, all commodities | 7,288 | 41 | 900 | 6,347 | |
| Total petroleum and petroleum products Subtotal petroleum products 2330 distillate fuel oil | 20 20 20 | 20 20 20 | Ξ | | |
| Total crude materials, inedible except fuels Subtotal soil, sand, gravel, rock and stone 4310 building stone 4322 limestone 4331 sand & gravel Subtotal iron ore and scrap 4410 iron ore Subtotal sulphur, clay and salt 4782 clay & refrac. mat. Subtotal other non-metal. min. 4900 non-metal. min. nec | 7,267 7,170 74 7,073 23 51 51 25 25 21 | 21 | 900 875 | 6,346 6,296 74 6,198 23 51 51 | |
| Total primary manufactured goods Subtotal primary non-ferrous metal products fab. metal products | 1 1 | — — — | = | 1 1 1 | |

ESCANABA, MI NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 9,253 | 1999 | 8,511 | 2002 | 4,645 | 2005 | 5,073 |
| 1997 | 7,261 | 2000 | 8,647 | 2003 | 4,582 | | - |
| 1998 | 8,530 | 2001 | 6,980 | 2004 | 6,620 | | |
| | · | | • | | | | |

Freight Traffic, 2005 (thousand short tons)

| Commodity | Grand Total | Lakewise | |
|--|-------------|----------|-----------|
| Commodity | Grand Total | Receipts | Shipments |
| | | | |
| Total, all commodities | 5,073 | 1,034 | 4,039 |
| | | | |
| Total coal | 280 | 280 | |
| 1100 coal & lignite | 280 | 280 | |
| Total crude materials, inedible except fuels | 4,793 | 755 | 4,039 |
| Subtotal soil, sand, gravel, rock and stone | 755 | 755 | · —- |
| 4322 limestone | 755 | 755 | |
| Subtotal iron ore and scrap | 4,025 | | 4,025 |
| 4410 iron ore | 4,025 | | 4,025 |
| Subtotal other non-metal. min. | 14 | | 14 |
| 4900 non-metal. min. nec | 14 | _ | 14 |

STONEPORT, MI

NON-CORPS PROJECT

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 7,990 | 1999 | 8,873 | 2002 | 7,455 | 2005 | 6,785 |
| 1997 | 8,101 | 2000 | 7,842 | 2003 | 6,445 | | |
| 1998 | 9,114 | 2001 | 8,118 | 2004 | 7,754 | | |
| | · | | · | | · | | |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | | Domestic | |
|--|-------------|----------|-------|----------|-----------|
| Commodity | Grand Total | Outbound | Total | Lake | ewise |
| | | Outbound | | Receipts | Shipments |
| | | | | | |
| Total, all commodities | 6,785 | 92 | 6,694 | 173 | 6,520 |
| Total crude materials, inedible except fuels | 6,785 | 92 | 6.694 | 173 | 6,520 |
| Subtotal soil, sand, gravel, rock and stone | 6,785 | 92 | 6,694 | 173 | 6,520 |
| 4322 limestone | 6,772 | 92 | 6,680 | 173 | 6,506 |
| 4331 sand & gravel | 14 | | 14 | | 14 |
| | | | | | |

Other Harbors and Waterways 2005

| Harbor or Waterway | Commodity | Thousand Short Tons |
|---|--|---|
| Project | | |
| ALGOMA HARBOR, WI | No Commerce Reported | |
| ALGONAC, MI (INCLUDED IN ST. CLAIR RIVER) | 4322 limestone | 5 |
| | Total Tons(x1000) | 5 |
| ASHLAND HARBOR, WI | 1100 coal & lignite | 98 |
| | Total Tons(x1000) | 98 |
| AU SABLE HARBOR AND RIVER (OSCODA), MI | No Commerce Reported | |
| BAYFIELD HARBOR, WI | 2211 gasoline 2330 distillate fuel oil 2640 hydrocarbon & petrol gases, liquefied and gaseous 4161 wood chips 4170 wood in the rough 4331 sand & gravel 7110 machinery (not elec) 7230 ships & boats 7900 manufac. prod. nec | 0 0 0 0 0 1 1 0 0 |
| | Total Tons(x1000) | 15 |
| BIG BAY HARBOR, MI | No Commerce Reported | |
| BLACK RIVER HARBOR, MI | No Commerce Reported | |
| CASEVILLE, MI | No Commerce Reported | |
| CEDAR RIVER HARBOR, MI | No Commerce Reported | |
| CHIPPEWA HARBOR (ISLE ROYALE), MI | No Commerce Reported | |
| CLINTON RIVER, MI | No Commerce Reported | |
| CORNUCOPIA HARBOR, WI | No Commerce Reported | |
| DETOUR, MI AND VICINITY (INCLUDED IN ST. MARYS RIVER) | No Commerce Reported | |
| DETROIT HARBOR, WI | 2211 gasoline 2330 distillate fuel oil 2640 hydrocarbon & petrol gases, liquefied and gaseous 4170 wood in the rough 6134 fish (not shellfish) 9900 unknown or nec Total Tons(x1000) | 4 1 4 0 7 8 ————————————————————————————————— |

| Drainat | | Thousand Short Tons |
|---|--|---|
| Project | | |
| EAGLE HARBOR, MI | No Commerce Reported | |
| FRANKFORT HARBOR, MI | No Commerce Reported | |
| GLADSTONE HARBOR, MI | 1100 coal & lignite 2430 asphalt, tar & pitch 2540 petroleum coke 4900 non-metal. min. nec | 87 42 10 67 |
| | Total Tons(x1000) | 206 |
| GRAND MARAIS HARBOR (HARBOR OF REFUGE), MI | No Commerce Reported | |
| GRAND MARAIS HARBOR, MN | No Commerce Reported | |
| GRAND TRAVERSE BAY HARBOR, MI | No Commerce Reported | |
| HARBOR BEACH, MI (HARBOR OF REFUGE, LAKE HURON) | 1100 coal & lignite | 210 |
| | Total Tons(x1000) | 210 |
| HARRISVILLE HARBOR, MI (HARBOR OF REFUGE, LAKE HURON) | No Commerce Reported | |
| KENOSHA HARBOR, WI | No Commerce Reported | |
| KEWAUNEE HARBOR, WI | No Commerce Reported | |
| KEWEENAW WATERWAY, MI | 2211 gasoline 2330 distillate fuel oil 4189 lumber 4331 sand & gravel 4420 iron & steel scrap 5220 cement & concrete 5290 misc. mineral prod. 5370 i&s pipe & tube 5480 fab. metal products 7110 machinery (not elec) 7210 vehicles & parts 7230 ships & boats 7500 textile products 7900 manufac. prod. nec Total Tons(x1000) Total Ton-miles(x1000) Total Trip-ton-miles Internal and Intraport (x1000) | 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 1 1 0 |
| KNIFE RIVER HARBOR, MN | No Commerce Reported | |
| LA POINTE HARBOR, WI | 2211 gasoline 2330 distillate fuel oil 2640 hydrocarbon & petrol gases, liquefied and gaseous 7900 manufac. prod. nec | 0 0 0 13 |
| | Total Tons(x1000) | 13 |

| Harbor or Waterway | Commodity | Thousand Short Tons |
|---|---|---------------------|
| Project | | |
| LAC LA BELLE HARBOR, MI | No Commerce Reported | |
| LELAND HARBOR, MI | No Commerce Reported | |
| LIME ISLAND, MI (INCLUDED IN ST. MARYS RIVER) | No Commerce Reported | |
| MACKINAC HARBOR, MI | 4322 limestone 7900 manufac. prod. nec | 56 13 |
| | Total Tons(x1000) | 69 |
| MACKINAW CITY HARBOR, MI | 4322 limestone | 3 |
| | Total Tons(x1000) | 3 |
| MANISTIQUE HARBOR, MI | No Commerce Reported | |
| NEW BUFFALO HARBOR MI | No Commerce Reported | |
| OCONTO HARBOR, WI | No Commerce Reported | |
| ONTONAGON HARBOR, MI | 1100 coal & lignite | 229 |
| | Total Tons(x1000) | 229 |
| PENSAUKEE HARBOR, WI | No Commerce Reported | |
| PENTWATER HARBOR, MI | No Commerce Reported | |
| PORT HURON, MI (INCLUDED IN ST. CLAIR RIVER) | 4335 waterway improv. mat | 2 |
| | Total Tons(x1000) | 2 |
| PORT SANILAC HARBOR, MI | No Commerce Reported | |
| PORT WASHINGTON HARBOR, WI | No Commerce Reported | |
| PORT WING HARBOR, WI | No Commerce Reported | |
| PUT-IN-BAY HARBOR, OH | 2211 gasoline 2330 distillate fuel oil 4322 limestone 7900 manufac. prod. nec | 1 1 7 1 |
| | Total Tons(x1000) | 10 |
| | | |

| Project | | |
|--|---|---------------------|
| Project | No Commerce Reported | |
| OGERS CITY, MI | No Commerce Reported | |
| SAUGATUCK HARBOR AND KALAMAZOO RIVER, MI | No Commerce Reported | |
| AULT STE. MARIE, MI (INCLUDED IN ST. MARYS RIVER | 4331 sand & gravel 4900 non-metal. min. nec 7210 vehicles & parts | 36 16 37 0 |
| | Total Tons(x1000) | 89 |
| EBEWAING, MI | No Commerce Reported | |
| HEBOYGAN HARBOR, WI | No Commerce Reported | |
| OUTH HAVEN HARBOR, MI | No Commerce Reported | |
| T. JAMES (BEAVER ISLAND), MI | 9900 unknown or nec | 17 |
| | Total Tons(x1000) | 17 |
| TURGEON BAY AND LAKE MICHIGAN SHIP CANAL, WI | 4335 waterway improv. mat | 23 |
| | Total Tons(x1000) | 23 |
| RAVERSE CITY HARBOR, MI | 2211 gasoline 2330 distillate fuel oil 2340 residual fuel oil | 129 3 0 |
| | Total Tons(x1000) | 133 |
| RENTON, MI (INCLUDED IN PORT OF DETROIT) | 1100 coal & lignite | 146 |
| | Total Tons(x1000) | 146 |
| WO RIVERS HARBOR, WI | No Commerce Reported | |
| VARROAD HARBOR, MN | No Commerce Reported | |
| VHITE LAKE HARBOR, MI | No Commerce Reported | |
| VHITEFISH POINT HARBOR, MI | No Commerce Reported | |

Other Harbors and Waterways 2005 - continued

| Harbor or Waterway | Commodity | Thousand Short Tons |
|---|---|---------------------|
| Project | | |
| WYANDOTTE, MI (INCLUDED IN PORT OF DETROIT) | 1100 coal & lignite 4322 limestone | 187 5 |
| | Total Tons(x1000) | 192 |
| Non-project | | |
| MARBLEHEAD, OH | 1100 coal & lignite 4322 limestone 4331 sand & gravel | 18 3,461 18 |
| | Total Tons(x1000) | 3,496 |
| PORT DOLOMITE, MI | 4322 limestone 4410 iron ore | 3,965 22 |
| | Total Tons(x1000) | 3,987 |
| PORT GYPSUM, MI | 4323 gypsum | 518 |
| | Total Tons(x1000) | 518 |
| PORT INLAND, MI | 4322 limestone 4331 sand & gravel | 4,912 34 |
| | Total Tons(x1000) | 4,946 |
| SILVER BAY, MN | 1100 coal & lignite 4322 limestone 4410 iron ore | 474 58 4,644 |
| | Total Tons(x1000) | 5,177 |

TOLEDO HARBOR, OH

Section Included: Channel in Lake Erie and 7 miles in lower Maumee River. Controlling Depths: 28 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: 28 feet in bay and 27 feet in the river channel to the turning basin opposite the Mid-States Terminals, Inc. dock; thence 25 feet to 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.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|--------|------|--------|------|--------|------|--------|
| 1996 | 13,032 | 1999 | 12,327 | 2002 | 11,115 | 2005 | 10,504 |
| 1997 | 14,422 | 2000 | 13,322 | 2003 | 9,864 | | |
| 1998 | 13,229 | 2001 | 10,535 | 2004 | 9,862 | | |

Freight Traffic, 2005 (thousand short tons)

| 0 "' | 0 | Fore | eign | Cana | adian | T-4-1 | Domestic | |
|--|--------------------|-----------------|------------|--------------------|-----------------|-------------------|-------------------|-------------------|
| Commodity | Grand Total | Inbound | Outbound | Inbound | Outbound | Total | Lake Receipts | ewise Shipment |
| otal, all commodities | 10,504 | 185 | 203 | 4,663 | 2,550 | 2,904 | 1,108 | 1,79 |
| Total coal | 3,202 | | _ | | 1,538 | 1,664 | 22 | 1,64 |
| 100 coal & lignite | 3,202 | | | | 1,538 | 1,664 | 22 | 1,64 |
| Total petroleum and petroleum products | 413 | _ | | 29 | 135 | 249 | 102 | 14 |
| Subtotal petroleum products 211 gasoline | 413 139 | _ | _ | 29 —- | 135 99 | 249 40 | 102 | 14 |
| 330 distillate fuel oil | 70 | | _ | | 32 | 38 | 5 | 3 |
| 340 residual fuel oil 430 asphalt, tar & pitch | 103 44 | | _ | 29 —- | 5 | 70 44 | 2 44 | _ |
| 540 petroleum coke | 56 | | _ | | | 56 | 51 | |
| Total chemicals and related products Subtotal fertilizers | 237 114 | 42 13 | _ | 100 100 | 88 | 7 | _ | |
| 110 nitrogenous fert. | 13 | 13 | _ | | _ | _ | _ | _ |
| 130 potassic fert. | 100 | | | 100 | | | | - |
| Subtotal other chemicals and related products | 124 | 28 | _ | | 88 | 7 | _ | |
| 212 benzene & toluene 275 inorg. elem., oxides, & halogen salts | 7 88 | _ | | | —- 88 | 7 | _ | _ |
| 276 metallic salts | 28 | 28 | _ | | | | | - |
| Total crude materials, inedible except uels | 5,183 | 48 | _ | 4,245 | 9 | 881 | 881 | - |
| Subtotal forest products, wood and | 125 | 48 | _ | 78 | | _ | _ | |
| 170 wood in the rough | 20 | 20 | | _ | | | | - |
| 189 lumber Subtotal soil, sand, gravel, rock and | 105 848 | 28 | _ | 78 670 | 9 | 169 | 169 | |
| tone | | | | | | | | |
| 322 limestone 331 sand & gravel | 791 57 | | _ | 612 57 | 9 | 169 | 169 | |
| Subtotal iron ore and scrap | 3,890 | | _ | 3,356 | _ | 533 | 533 | |
| 410 iron ore Subtotal non-ferrous ores and scrap | 3,890 18 | _ | | 3,356 18 | _ | 533 | 533 | |
| 690 non-ferrous ores nec | 18 | _ | | 18 | | | | |
| Subtotal slag | 14 14 | _ | _ | 14 14 | - | _ | _ | |
| 860 slag Subtotal other non-metal. min. | 289 | _ | _ | 110 | _ | 178 | 178 | |
| 900 non-metal. min. nec | 289 | | _ | 110 | | 178 | 178 | - |
| Total primary manufactured goods | 310 | 57 | _ | 149 | | 103 | 103 | |
| Subtotal lime, cement and glass 220 cement & concrete | 178 178 | _ | _ | 75 75 | _ | 103 103 | 103 103 | |
| Subtotal primary iron and steel products | 77 | 57 | _ | 20 | | | _ | - |
| 312 pig iron | 20 | | | 20 | _ | | | - |
| 320 i&s primary forms 330 i&s plates & sheets | 7 6 | 7 6 | _ | | | | | |
| 360 i&s bars & shapes | 3 | 3 | | | | | | |
| 370 i&s pipe & tube | 42 | 42 | | 0 | | | | - |
| Subtotal primary non-ferrous metal products | 54 | | _ | 54 | - | _ | _ | |
| 422 aluminum | 54 | _ | _ | 54 | | _ | | - |
| Total food and farm products Subtotal grain | 1,156 704 | 35 | 203 127 | 139 139 | 779 438 | _ | _ | |
| 241 wheat | 59 | | | 59 | | _ | _ | |
| 344 corn 445 oats | 564 80 | | 127 | 80 | 438 | | | - |
| Subtotal oilseeds | 417 | | 76 | | 341 | | _ | |
| 522 soybeans | 417 | 25 | 76 | | 341 | _ | | |
| Subtotal other agricultural products 861 sugar | 35 35 | 35 35 | _ | _ | = | _ | _ | - |
| Total all manufactured equipment, nachinery and products | 1 | 1 | _ | 0 | _ | _ | _ | - |
| 110 machinery (not elec) | 1 | 1 | | | | | | |

TOLEDO HARBOR, OH Freight Traffic, 2005 - continued (thousand short tons)

| | | For | eign | Cana | adian | | Domestic | |
|--------------------------------|-------------|------------------|----------|------------------|----------|-------|----------|-----------|
| Commodity | Grand Total | Inbound | Outbound | Inbound | Outbound | Total | Lake | ewise |
| | | Inbound Outbound | | Inbound Outbound | | | Receipts | Shipments |
| | | | | | | | | |
| 7400 manufac. wood prod. | 0 | 0 | | | | | | |
| 7900 manufac. prod. nec | 0 | | | 0 | | | | |
| Total unknown or not elsewhere | 2 | 2 | | | | | | |
| classified | 2 | 2 | | | | | | |
| 9900 unknown or nec | 2 | 2 | | | | | | |
| | | | | | | | | |

KELLEYS ISLAND, OH

Section Included: Entire area of Kelleys Island, Ohio. Controlling Depth: Unimproved, natural depths unknown. Project depth: Approach channel, 12 feet; Entrance channel, 10 feet; and remainder of channel, 8 to 10 feet.

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 371 | 1999 | 1,081 | 2002 | 1,289 | 2005 | 818 |
| 1997 | 1,170 | 2000 | 798 | 2003 | 1,071 | | |
| 1998 | 1,173 | 2001 | 1,050 | 2004 | 621 | | |
| | 1, | | .,000 | | U | | |

Freight Traffic, 2005 (thousand short tons)

| Commodity | Grand Total | | ewise |
|--|-------------------|----------|-----------|
| Commonly | Orana rotai | Receipts | Shipments |
| | | | |
| Total, all commodities | 818 | 2 | 816 |
| Total crude materials, inedible except fuels | 818 | 2 | 816 |
| Subtotal soil, sand, gravel, rock and stone | 818 818 | 2 | 816 |
| 4322 limestone | 818 | 2 | 816 |

SANDUSKY HARBOR, OH

Section Included: Southeasterly portion of Sandusky Bay to and including passenger docks on Cedar Point. Controlling Depth: Mosely Channel, 26 feet; Bay Channel and Straight Channel from Mosely Channel to junction with Bay Channel, 25.0 feet; turning basin, 24 feet; Dock channel, 21 feet; Straight channel from dock channel to junction with Bay Channel, 21 feet. Project Depths: Mosely Channel, 26 feet; bay channel and Straight Channel from Mosely Channel to junction with Bay 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 (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 3,408 | 1999 | 4,898 | 2002 | 4,455 | 2005 | 3,555 |
| 1997 | 4,403 | 2000 | 3,645 | 2003 | 4,183 | | - |
| 1998 | 4,334 | 2001 | 4,649 | 2004 | 3,404 | | |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | Domestic | | |
|--|-------------|-----------|----------|----------|-----------|
| Commodity | Grand Total | Outbound | Total | wise | |
| | | Outbourid | | Receipts | Shipments |
| | | | | | |
| Total, all commodities | 3,555 | 1,714 | 1,841 | 34 | 1,807 |
| | | | | | |
| Total coal | 3,521 | 1,714 | 1,807 | _ | 1,807 |
| 1100 coal & lignite | 3,521 | 1,714 | 1,807 | _ | 1,807 |
| Total crude materials, inedible except fuels | 34 | | 34 | 34 | |
| Subtotal soil, sand, gravel, rock and stone | 5 | | 5 | 5 | |
| 4322 limestone | 5 | | 5 | 5 | |
| Subtotal other non-metal. min. | 29 | | 29 | 29 | |
| 4900 non-metal. min. nec | 29 | | 29 | 29 | |

HURON HARBOR, OH

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, 28 feet; from Slip No. 1 through eastern portion of the turning basin, 28 feet; turning basin, 22 feet; and the sum of the turning basin, 28 feet; turning basin, 28 feet; turning basin, 29 feet; and the sum of the turning basin, 29 feet; turni

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 1,004 | 1999 | 1,154 | 2002 | 898 | 2005 | 1,032 |
| 1997 | 856 | 2000 | 1,275 | 2003 | 1,291 | | |
| 1998 | 1,192 | 2001 | 1,260 | 2004 | 860 | | |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | | Domestic | |
|--|-------------|----------|-------|----------|-----------|
| Commodity | Grand Total | Inbound | Total | Lake | ewise |
| | | inbound | | Receipts | Shipments |
| | | | | | |
| Total, all commodities | 1,032 | 49 | 983 | 962 | 21 |
| Total crude materials, inedible except fuels | 983 | | 983 | 962 | 21 |
| Subtotal soil, sand, gravel, rock and stone | 555 | | 555 | 533 | 21 |
| 4322 limestone | 555 | | 555 | 533 | 21 |
| Subtotal iron ore and scrap | 428 | | 428 | 428 | |
| 4410 iron ore | 428 | | 428 | 428 | _ |
| Total food and farm products | 49 | 49 | | | |
| Subtotal grain | 49 | 49 | | | |
| 6445 oats | 49 | 49 | | | |

LORAIN HARBOR, OH

Section Included: Outer Harbor and Black River from mouth to and including United States Steel Corp., National Tube Division dock, 3 miles. ControllingDepths: Lake Approach channel, 27.0 feet; A channel 800 feet wide through the Outer Harbor, 27 feet; remainder of Outer Harbor, 25 feet; lower 2,200 feet of River Channel, 25 feet; remainder of River Channel 24 feet except turning basinjust downstream of the 21st Street Bridge which is 12 to 19 feet and the returning 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 800 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, 20 feet and turning basin opposite U. S. Steel Corp., National Tube Division Dock, 21 feet.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|--------|------|--------|------|-------|------|-------|
| 1996 | 15,978 | 1999 | 12,968 | 2002 | 6,672 | 2005 | 3,055 |
| 1997 | 15,955 | 2000 | 14,180 | 2003 | 2,154 | | - |
| 1998 | 14,166 | 2001 | 7,865 | 2004 | 3,007 | | |
| | ' | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| | | Foreign | Cana | adian | | Domestic | |
|---|-----------------|-----------|-----------------|-----------|--------|----------|-----------|
| Commodity | Grand Total | Inbound | Inbound | Outbound | Total | Lake | wise |
| | | IIIDOUIIU | IIIDOUIIU | Outbourid | | Receipts | Shipments |
| Total, all commodities | 3,055 | 43 | 301 | 75 | 2,636 | 2,523 | 113 |
| | 0,000 | | | | _,,,,, | _,0_0 | |
| Total coal | 148 | 43 | 70 | 35 | | _ | |
| 1100 coal & lignite | 35 | | | 35 | | | |
| 1200 coal coke | 113 | 43 | 70 | _ | | _ | _ |
| Total chemicals and related products | 11 | _ | 11 | _ | | _ | |
| Subtotal fertilizers | 11 | | 11 | _ | | | |
| 3130 potassic fert. | 11 | | 11 | | | | |
| Total crude materials, inedible except fuels | 2,896 | _ | 219 | 40 | 2,636 | 2,523 | 113 |
| Subtotal soil, sand, gravel, rock and stone | 1,243 | | 173 | 12 | 1,058 | 1,058 | |
| 4322 limestone | 968 | | 104 | _ | 865 | 865 | |
| 4323 gypsum | 193 | | | | 193 | 193 | |
| 4331 sand & gravel | 81 | | 69 | 12 | | | |
| Subtotal iron ore and scrap | 1,493 | | | | 1,493 | 1,465 | 28 |
| 4410 iron ore | 1,487 | | | | 1,487 | 1,459 | 28 |
| 4420 iron & steel scrap | 6 | | | | 6 | 6 | |
| Subtotal slag | 114 | | | 29 | 85 | | 85 |
| 4860 slag | 114 | | 40 | 29 | 85 | | 85 |
| Subtotal other non-metal. min. 4900 non-metal. min. nec | 46 46 | | 46 46 | | | | |
| 4900 Hon-metal. Him. net | 40 | | 46 | | | | |

CLEVELAND HARBOR, OH

Section Included: Outer Harbor, Old River and Cuyahoga River from mouth to and including Upper Republic Steel Corp. Dock, immediately downstream from Norfolk & Western Railway Bridge, 5.8 miles. Controlling Depth: Lake Approach Channel, 29 feet; entrance channel, West Basin and westerly 800 feet of East Basin, 28 feet; easterly 3800-foot length of East Basin, 27 feet; 500-foot channel through East Outer Harbor, 25 feet; channel between piers to Conrail Railroad Bridge, 27.0 feet; channel in Cuyahoga River from Penn Central Railroad to upperproject limit, 22 feet; turning basin upstream from E.I. Dupont De Nemours And Company, Inc., Grasselli 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, 29 feet; West Basin, entrance channel and west end of East Basin, 28 feet; remaining 3800-foot length of East Basin, 27 feet; 500-foot channel through East Outer Harbor, 25 feet; lower Cuyahoga River from lakeward ends 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.I. Dupont De Nemours and Company, Inc., Grasseli Chemical Division Dock, 18 feet.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|--------|------|--------|------|--------|------|--------|
| 1996 | 16,721 | 1999 | 15,540 | 2002 | 11,412 | 2005 | 13,641 |
| 1997 | 18,113 | 2000 | 14,391 | 2003 | 12,621 | | |
| 1998 | 17,865 | 2001 | 11,938 | 2004 | 15,775 | | |
| | · | | | | | | |

Freight Traffic, 2005 (thousand short tons)

| | | Foreign | Cana | adian | | | Domestic | | |
|--|---------------------|-----------|-------------------|----------|----------------|----------|------------------|----------------|-----------|
| Commodity | Grand Total | Inbound* | Inbound* | Outbound | Total | Lake | | Inte | |
| | | | | | | Receipts | Shipments | Receipts | Intraport |
| Total, all commodities | 13,641 | 417 | 2,720 | 278 | 10,225 | 6,693 | 963 | 3 | 2,566 |
| Total coal | 63 | _ | 9 | _ | 53 | 53 | _ | _ | _ |
| 1100 coal & lignite 1200 coal coke | 9 53 | _ | 9 | _ | 53 | 53 | _ | | _ |
| | | | | | | | • | | |
| Total petroleum and petroleum products | 388 | _ | 191 | 10 | 187 | 87 | 84 | 3 | 12 |
| Subtotal petroleum products | 388 | | 191 | 10 | 187 | 87 | 84 | 3 | 12 |
| 2211 gasoline | 100 | | 100 | _ | | _ | | _ | |
| 2330 distillate fuel oil 2340 residual fuel oil | 5 120 | | —- 88 | | 5 32 | 2 30 | 2 | 3 | |
| 2430 asphalt, tar & pitch | 133 | | | | 133 | 38 | 82 | | 12 |
| 2540 petroleum coke | 29 | _ | 2 | 10 | 17 | 17 | _ | _ | _ |
| Total chemicals and related products | 5 | _ | _ | _ | 5 | 5 | _ | _ | _ |
| Subtotal other chemicals | 5 | _ | _ | _ | 5 | 5 | _ | _ | _ |
| and related products 3276 metallic salts | 5 | | | | 5 | 5 | | | |
| Total crude materials, | 11,760 | 0 | 1,622 | 264 | 9,874 | 6,441 | 879 | _ | 2,554 |
| inedible except fuels Subtotal soil, sand, | 4,559 | 0 | 1,348 | 8 | 3,202 | 3,174 | 27 | | _ |
| gravel, rock and stone 4310 building stone | 0 | 0 | | | | | | | |
| 4322 limestone | 3,757 | _ | 710 | 8 | 3,038 | 3,011 | 27 | | |
| 4331 sand & gravel | 802 5.070 | _ | 638 142 | —- 96 | 164 5 741 | 164 | 56 | _ _ | 2,442 |
| Subtotal iron ore and scrap | 5,979 | | 142 | 90 | 5,741 | 3,242 | 36 | | 2,442 |
| 4410 iron ore | 5,974 5 | _ | 142 | 96 | 5,736 | 3,238 | 56 | _ _ | 2,442 |
| 4420 iron & steel scrap Subtotal non-ferrous ores | 16 | | 16 | | 5 —- | 5 | | _ | |
| and scrap 4690 non-ferrous ores nec | 16 | | 16 | | | | | | |
| Subtotal slag | 59 | | - | _ | 59 | | 59 | _ | |
| 4860 slag | 59 | | 446 | 159 | 59 | | 59 737 | | 112 |
| Subtotal other non-metal. min. | 1,148 | | 116 | | 873 | 24 | 737 | _ | |
| 4900 non-metal. min. nec | 1,148 | | 116 | 159 | 873 | 24 | 737 | | 112 |
| Total primary manufactured goods | 1,409 | 406 | 898 | | 106 | 106 | | _ | _ |
| Subtotal lime, cement | 970 | | 864 | | 106 | 106 | | _ | _ |
| and glass 5220 cement & concrete | 904 | | 798 | | 106 | 106 | | | |
| 5290 misc. mineral prod. | 66 | _ | 66 | _ | | | _ | | |
| Subtotal primary iron and steel products | 365 | 333 | 32 | _ | | _ | | | _ |
| 5320 i&s primary forms | 148 | 120 | 28 | _ | | | _ | | |
| 5330 i&s plates & sheets | 192 20 | 188 20 | 3 0 | _ | _ | _ | _ | | |
| 5360 i&s bars & shapes 5370 i&s pipe & tube | 20 5 | 20 5 | | _ | _ | | | | |
| Subtotal primary | 74 | 73 | 2 | | _ | _ | | _ | _ |
| non-ferrous metal products 5421 copper | 0 | 0 | | | | | | | |
| 5429 smelted prod. nec | 3 | 3 | | | | | | | |
| 5480 fab. metal products | 72 | 70 | 2 | | _ | | | | |
| Total all manufactured equipment, machinery and products | 6 | 2 | _ | 4 | _ | _ | _ | _ | _ |
| 7110 machinery (not elec) | 6 | 2 | | 4 | | | | | |
| 7900 manufac. prod. nec | 0 | 0 | | | | | | | |

CLEVELAND HARBOR, OH Freight Traffic, 2005 - continued (thousand short tons)

| | | Foreign Canadian | | | Domestic | | | | | |
|---|-------------|------------------|----------|-----------|----------|----------------|-----------|----------|-----------|--|
| Commodity | Grand Total | Inbound* | Inbound* | Outbound | Total | Total Lakewise | | Internal | | |
| | | | | Outbourid | | Receipts | Shipments | Receipts | Intraport | |
| | | | | | | | | | | |
| Total unknown or not elsewhere classified | 10 | 10 | 0 | _ | _ | | _ | _ | | |
| 9900 unknown or nec | 10 | 10 | 0 | | | | | | | |

^{*}Includes 8,082 tons of foreign inbound in-transits; Includes 10,275 tons of Canadian inbound in-transits.

FAIRPORT HARBOR, OH

Section Included: 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, 19 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, 18 feet.

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total | |
|------|-------|------|-------|------|-------|------|---------------------------------------|--|
| 1996 | 2,770 | 1999 | 2,553 | 2002 | 2,326 | 2005 | 2,452 | |
| 1997 | 3,296 | 2000 | 2,539 | 2003 | 2,526 | | , , , , , , , , , , , , , , , , , , , | |
| 1998 | 2,880 | 2001 | 2,942 | 2004 | 2,772 | | | |
| | · ' | | , · | | · · | | | |

Freight Traffic, 2005 (thousand short tons)

| | | Foreign | Canadian | | Domestic | | |
|--|-------------|---------------|----------|-----------|----------|----------|-----------|
| Commodity | Grand Total | la la accesal | Inbound | Outbound | Total | Lakewise | |
| | | Inbound | inbound | Outbourid | | Receipts | Shipments |
| | | | | | | | |
| Total, all commodities | 2,452 | 5 | 245 | 359 | 1,842 | 1,619 | 223 |
| Total crude materials, inedible except fuels | 2,452 | 5 | 245 | 359 | 1,842 | 1,619 | 223 |
| Subtotal soil, sand, gravel, rock and stone | 1,728 | 5 | 78 | 12 | 1,633 | 1,619 | 13 |
| 4322 limestone | 1,613 | | 62 | | 1,551 | 1,551 | |
| 4331 sand & gravel | 115 | 5 | 16 | 12 | 82 | 68 | 13 |
| Subtotal sulphur, clay and salt | 167 | | 167 | | | | |
| 4782 clay & refrac. mat. | 167 | | 167 | | | | |
| Subtotal other non-metal. min. | 557 | | | 347 | 210 | | 210 |
| 4900 non-metal. min. nec | 557 | | | 347 | 210 | | 210 |

ASHTABULA HARBOR, OH

Section Included: Outer harbor and Ashtabula River from mouth to and including city of Ashtabula Dock (Former Great Lakes Engineering Works Dock), 1.75 miles. Controlling Depth: Westerly portion of outer harbor to inner breakwater& approach channel to docks 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 tasin, 3 feet. Project Depth: Entrance channel, 29 feet; westerly portion of outer harbor to inner breakwater, 28 feet; Approach Channel to docks 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 Company's 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 (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|--------|------|--------|------|--------|------|-------|
| 1996 | 9,523 | 1999 | 10,495 | 2002 | 9,838 | 2005 | 9,714 |
| 1997 | 11,929 | 2000 | 12,322 | 2003 | 10,427 | | |
| 1998 | 15,602 | 2001 | 10,934 | 2004 | 10,938 | | |

Freight Traffic, 2005 (thousand short tons)

| | | Foreign | Cana | adian | | Domestic | |
|--|--------------------|-----------|-----------|-------------|-------|----------|-------------|
| Commodity | Grand Total | Inbound | Inbound | Outbound | Total | Lake | ewise |
| | | IIIDOUIIG | IIIbouria | Outbourid | | Receipts | Shipments |
| | | | | | | | |
| Total, all commodities | 9,714 | 247 | 356 | 4,319 | 4,791 | 3,705 | 1,086 |
| Total coal | 5,710 | | 27 | 4.309 | 1.374 | 288 | 1.086 |
| 1100 coal & lignite | 5,710 | | 27 | 4,309 | 1,374 | 288 | 1,086 |
| Total chemicals and related products | 10 | | 10 | | | | |
| Subtotal fertilizers | 10 | | 10 | | | | |
| 3130 potassic fert. | 10 | | 10 | | | | |
| Total crude materials, inedible except fuels | 3,735 | 73 | 234 | 10 | 3,418 | 3,418 | |
| Subtotal soil, sand, gravel, rock and stone | 654 | | 39 | 10 | 604 | 604 | |
| 4322 limestone | 607 | | 18 | | 589 | 589 | |
| 4323 gypsum | 25 | | | 10 | 15 | 15 | |

ASHTABULA HARBOR, OH Freight Traffic, 2005 - continued (thousand short tons)

| | | Foreign | Cana | adian | | Domestic | |
|---|-------------|---------|-------------|-----------|-------|----------|-----------|
| Commodity | Grand Total | Inbound | Inbound | Outbound | Total | Lake | ewise |
| | | Inbound | inbound | Outbourid | | Receipts | Shipments |
| 4331 sand & gravel | 22 | | 22 | | | | |
| Subtotal iron ore and scrap | 2,679 | | | | 2,679 | 2,679 | |
| 1410 iron ore | 2,679 | | | | 2,679 | 2,679 | |
| Subtotal non-ferrous ores and scrap | 43 | 33 | 10 | | · — | · —- | |
| 680 non-ferrous scrap | 10 | | 10 | | | | |
| 1690 non-ferrous ores nec | 33 | 33 | | | | | |
| Subtotal sulphur, clay and salt | 11 | 11 | | | | | |
| 782 clay & refrac. mat. | 11 | 11 | | | | | |
| Subtotal slag | 74 | | 74 | | | | |
| 1860 slag | 74 | | 74 | _ | | | |
| Subtotal other non-metal. min. | 275 | 29 | 111 | _ | 134 | 134 | |
| 1900 non-metal. min. nec | 275 | 29 | 111 | _ | 134 | 134 | |
| Total primary manufactured goods | 259 | 174 | 85 | | | | _ |
| Subtotal primary non-ferrous metal products | 259 | 174 | 85 | | | | |
| 5480 fab. metal products | 259 | 174 | 85 | | | | |

CONNEAUT HARBOR, OH

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. feet; Project Depth: Easterly portion of outer harbor, 28 feet; westerly portion of outer harbor, 22 feet; access channel to city dock 8 feet: Inner Harbor, 27 feet.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|--------|------|--------|------|-------|
| 1996 | 5,714 | 1999 | 8,868 | 2002 | 10,474 | 2005 | 7,405 |
| 1997 | 6,205 | 2000 | 10,603 | 2003 | 6,705 | | - |
| 1998 | 7,786 | 2001 | 10,485 | 2004 | 8,027 | | |
| | · | | | | · · | | |

Freight Traffic, 2005 (thousand short tons)

| | | Cana | adian | | Domestic | |
|--|-------------|-----------|-----------|-------|----------|-------------|
| Commodity | Grand Total | Inbound | Outbound | Total | Lake | ewise |
| | | IIIDOUIIU | Outbourid | | Receipts | Shipments |
| | | | | | | |
| Total, all commodities | 7,405 | 163 | 3,165 | 4,077 | 3,365 | 712 |
| Total coal | 3,789 | 92 | 3,012 | 685 | | 685 |
| 1100 coal & lignite | 3,768 | 82 | 3,012 | 674 | | 674 |
| 1200 coal coke | 21 | 10 | <i></i> | 11 | _ | 11 |
| Total crude materials, inedible except fuels | 3,616 | 71 | 153 | 3,392 | 3,365 | 27 |
| Subtotal soil, sand, gravel, rock and stone | 672 | | 153 | 519 | 519 | |
| 4322 limestone | 519 | | | 519 | 519 | |
| 4323 gypsum | 153 | | 153 | | | |
| Subtotal iron ore and scrap | 2,900 | 27 | | 2,873 | 2,847 | 27 |
| 4410 iron ore | 2,873 | | | 2,873 | 2,847 | 27 |
| 4420 iron & steel scrap | 27 | 27 | | | | |
| Subtotal slag | 20 | 20 | | | | |
| 4860 slag | 20 | 20 | | | | |
| Subtotal other non-metal. min. | 24 | 24 | _ | | | |
| 4900 non-metal. min. nec | 24 | 24 | _ | | _ | |

ERIE HARBOR, PA

Section Included: Southerly side of Erie Harbor and Lake Erie water frontage from harbor entrance eastward to and including Sun 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, 28 feet; approach to Port Authority Docks, 27 feet; Harbor Basin, 21 feet; westerly portion of Harbor Basin, 18 feet. The approach channel from the 28 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 (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 1,434 | 1999 | 1,136 | 2002 | 1,362 | 2005 | 1,066 |
| 1997 | 1,163 | 2000 | 1,501 | 2003 | 1,121 | | |
| 1998 | 1,296 | 2001 | 1,159 | 2004 | 1,100 | | |

Freight Traffic, 2005 (thousand short tons)

| | | Canadian | | Domestic | |
|--|-------------|----------|-------|----------|-----------|
| Commodity | Grand Total | Inbound | Total | Lakewise | Internal |
| · | | Inbound | | Receipts | Intraport |
| | | | | | |
| Total, all commodities | 1,066 | 61 | 1,005 | 983 | 22 |
| Total coal | 14 | 14 | | _ | |
| 1200 coal coke | 14 | 14 | | | |
| Total crude materials, inedible except fuels | 1,051 | 47 | 1,005 | 983 | 22 |
| Subtotal soil, sand, gravel, rock and stone | 1,022 | 47 | 975 | 954 | 22 |
| 4322 limestone | 813 | 18 | 795 | 774 | 22 |
| 4331 sand & gravel | 208 | 29 | 180 | 180 | |
| Subtotal other non-metal. min. | 30 | | 30 | 30 | |
| 4900 non-metal. min. nec | 30 | | 30 | 30 | |
| | | | | | |

BUFFALO HARBOR, NY (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 Canal to the Black Rock Lock. Controlling Depths: Outer area of south entrance channel, 30 feet; south entrance channel 29.0 feet; southern portion of outer harbor, 28 feet; 900 feet wide section adjacent to the south breakwater beginning 2,000 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; southern portion of outer harbor, 28 feet; 900 feet wide section adjacent to the south breakwater beginning 2,000 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.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 1,590 | 1999 | 1,804 | 2002 | 1,288 | 2005 | 1,386 |
| 1997 | 1,631 | 2000 | 1,769 | 2003 | 1,117 | | , |
| 1998 | 2,072 | 2001 | 959 | 2004 | 1,206 | | |
| | , | | | | , | | |

Freight Traffic, 2005 (thousand short tons)

| | | Foreign | Cana | adian | | Domestic | |
|--|-----------------|-----------|-----------|-----------|-------|----------|-----------|
| Commodity | Grand Total | Inbound | Inbound | Outbound | Total | Lake | wise |
| | | IIIDOUIIU | IIIDOUIIU | Outbourid | | Receipts | Shipments |
| T. (. 1 11 | 4 000 | • | 007 | 040 | 057 | 0.40 | • |
| Total, all commodities | 1,386 | 3 | 307 | 218 | 857 | 849 | 9 |
| Total coal | 461 | | 41 | 218 | 203 | 203 | |
| 1100 coal & lignite | 204 | | 41 | 163 | | | |
| 1200 coal coke | 258 | | | 55 | 203 | 203 | |
| Total crude materials, inedible except fuels | 396 | _ | 43 | _ | 353 | 344 | 9 |
| Subtotal soil, sand, gravel, rock and stone | 344 | | | | 344 | 344 | |
| 4322 limestone | 252 | | | | 252 | 252 | |
| 4331 sand & gravel | 93 | | | | 93 | 93 | |
| Subtotal iron ore and scrap | 9 | | | | 9 | | 9 |
| 4410 iron ore | 9 | | | _ | 9 | | 9 |
| Subtotal slag | 13 | | 13 | _ | | | |
| 4860 slag | 13 | | 13 | | | | |
| Subtotal other non-metal. min. | 30 30 | | 30 | | | | |
| 4900 non-metal. min. nec | 30 | | 30 | | | | |
| Total primary manufactured goods | 153 | 0 | 137 | _ | 16 | 16 | |
| Subtotal lime, cement and glass | 153 | | 137 | | 16 | 16 | |
| 5220 cement & concrete | 153 | | 137 | | 16 | 16 | _ |
| Subtotal primary non-ferrous metal products | 0 | 0 | | | | | |
| 5480 fab. metal products | 0 | 0 | | _ | | | |
| Total food and farm products | 373 | | 87 | | 286 | 286 | |
| Subtotal grain | 373 | | 87 | | 286 | 286 | |
| 6241 wheat | 184 | | 87 | | 97 | 97 | |
| 6445 oats | 189 | | _ | _ | 189 | 189 | |

BUFFALO HARBOR, NY (INCLUDED IN PORT OF BUFFALO) Freight Traffic, 2005 - continued (thousand short tons)

| | | Foreign | Canadian | | Domestic | | |
|---|-------------|-----------|-----------|-----------|----------|----------|-----------|
| Commodity | Grand Total | Inbound | Inbound | Outbound | Total | Lake | ewise |
| | | IIIDOUIIG | IIIDOUIIU | Outbourid | | Receipts | Shipments |
| | | | | | | | |
| Total all manufactured equipment, machinery and | 3 | 3 | | | | | |
| products | | | | | | | |
| 7110 machinery (not elec) | 3 | 3 | | | | | |
| 7900 manufac. prod. nec | 0 | 0 | | | | | |
| | - 1 | - | | | | | |

PORT OF BUFFALO, NY

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.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 1,864 | 1999 | 2,075 | 2002 | 1,686 | 2005 | 1,611 |
| 1997 | 1,894 | 2000 | 2,169 | 2003 | 1,427 | | |
| 1998 | 2,341 | 2001 | 1,215 | 2004 | 1,592 | | |
| | | I | | I | | I | |

Freight Traffic, 2005 (thousand short tons)

| | | Foreign | Cana | adian | | Domestic | |
|---|-------------------|---------|-------------------|-----------|------------------|------------------|--------------|
| Commodity | Grand Total | Inbound | Inbound | Outbound | Total | | wise |
| | | | | | | Receipts | Shipments |
| Total, all commodities | 1,611 | 3 | 319 | 218 | 1,071 | 1,062 | 9 |
| Total coal | 493 | _ | 41 | 218 | 234 | 234 | _ |
| 1100 coal & lignite 1200 coal coke | 235 258 | _ | 41 —- | 163 55 | 31 203 | 31 203 | _ |
| Total petroleum and petroleum products | 194 | _ | 12 | _ | 182 | 182 | _ |
| Subtotal petroleum products 2340 residual fuel oil | 194 12 | | 12 12 | | 182 | 182 | |
| 2430 asphalt, tar & pitch | 171 | | | | 171 | 171 | |
| 2540 petroleum coke | 11 | _ | | _ | 11 | 11 | |
| Total crude materials, inedible except fuels | 396 | _ | 43 | _ | 353 | 344 | 9 |
| Subtotal soil, sand, gravel, rock and stone | 344 | | _ | _ | 344 | 344 | |
| 4322 limestone 4331 sand & gravel | 252 93 | | | | 252 93 | 252 93 | |
| Subtotal iron ore and scrap | 9 | | | | 9 | | 9 |
| 4410 iron ore | 9 | | | | 9 | | 9 |
| Subtotal slag 4860 slag | 13 | | 13 13 | _ | | _ | _ |
| Subtotal other non-metal. min. | 30 | | 30 | | | | |
| 4900 non-metal. min. nec | 30 | _ | 30 | _ | _ | | |
| Total primary manufactured goods | 153 | 0 | 137 | _ | 16 | 16 | |
| Subtotal lime, cement and glass 5220 cement & concrete | 153 153 | | 137 137 | | 16 16 | 16 16 | _ |
| Subtotal primary non-ferrous metal products | 0 | 0 | | | | | |
| 5480 fab. metal products | 0 | 0 | _ | _ | _ | _ | _ |
| Total food and farm products | 373 | _ | 87 | _ | 286 | 286 | _ |
| Subtotal grain 6241 wheat | 373 184 | | 87 87 | _ | 286 97 | 286 97 | |
| 6445 oats | 189 | | | _ | 189 | 189 | |
| Total all manufactured equipment, machinery and | 3 | 3 | _ | _ | _ | _ | _ |
| products 7110 machinery (not elec) | 3 | 3 | | | | | |
| 7900 manufac. prod. nec | 0 | 0 | | | | | |

OSWEGO HARBOR, NY

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, 24 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.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|-------|------|-------|------|-------|------|-------|
| 1996 | 511 | 1999 | 805 | 2002 | 324 | 2005 | 670 |
| 1997 | 640 | 2000 | 589 | 2003 | 715 | | |
| 1998 | 471 | 2001 | 393 | 2004 | 856 | | |

Freight Traffic, 2005 (thousand short tons)

| Commodity | Grand Total | Foreign | Canadian |
|---|---------------|---------|----------|
| Continiouity | Granu Total | Inbound | Inbound |
| | | | |
| Total, all commodities | 670 | 15 | 655 |
| Total petroleum and petroleum products | 271 | | 271 |
| Subtotal petroleum products | 271 | | 271 |
| 2340 residual fuel oil | 168 | | 168 |
| 2540 petroleum coke | 103 | _ | 103 |
| Total chemicals and related products | 9 | | 9 |
| Subtotal fertilizers | 9 | | 9 |
| 3130 potassic fert. | 9 | | 9 |
| Total crude materials, inedible except fuels | 30 | | 30 |
| Subtotal other non-metal. min. | 30 | | 30 |
| 4900 non-metal. min. nec | 30 | _ | 30 |
| Total primary manufactured goods | 351 | 6 | 345 |
| Subtotal lime, cement and glass | 341 | | 341 |
| 5220 cement & concrete | 341 | | 341 |
| Subtotal primary non-ferrous metal products 5422 aluminum | 9 3 | 6 | 3 3 |
| 5480 fab. metal products | 6 | 6 | |
| · | | _ | |
| Total all manufactured equipment, machinery and products | 5 | 5 | |
| 7110 machinery (not elec) | 5 | 5 | |
| 7120 electrical machinery 7900 manufac, prod. nec | 0 | 0 | |
| 7 300 Illantilac. prod. nec | 0 | U | |
| Total unknown or not elsewhere classified | 4 | 4 | |
| 9900 unknown or nec | 4 | 4 | |

Other Harbors and Waterways 2005

| Harbor or Waterway | Commodity | Thousand Short Tons |
|---|--|--------------------------------------|
| Project | | |
| BARCELONA HARBOR, NY | No Commerce Reported | |
| CAPE VINCENT, NY | No Commerce Reported | |
| DUNKIRK HARBOR, NY | 1100 coal & lignite | 144 |
| | Total Tons(x1000) | 144 |
| GREAT SODUS BAY HARBOR, NY | No Commerce Reported | |
| IRONDEQUOIT BAY HARBOR, NY | No Commerce Reported | |
| NIAGARA FALLS, NY | No Commerce Reported | |
| NIAGARA RIVER, NY (INCLUDED IN PORT OF BUFFALO) | 1100 coal & lignite 2340 residual fuel oil 2430 asphalt, tar & pitch 2540 petroleum coke | 31 12 171 11 |
| | Total Tons(x1000) Total Ton-miles(x1000) | 226 1,678 |
| OGDENSBURG HARBOR, NY | 4900 non-metal. min. nec | 174 |
| | Total Tons(x1000) | 174 |
| PORT CLINTON HARBOR, OH | No Commerce Reported | |
| ROCHESTER (CHARLOTTE) HARBOR, NY | 5220 cement & concrete | 144 |
| | Total Tons(x1000) | 144 |
| SACKETS HARBOR, NY | 2211 gasoline 3211 acyclic hydrocarbons 6522 soybeans 6747 grain mill products 7110 machinery (not elec) 7210 vehicles & parts 7400 manufac. wood prod. 7900 manufac. prod. nec Total Tons(x1000) | 0 0 0 0 0 0 0 0 |
| TONAWANDA HARBOR, NY | No Commerce Reported | |
| VERMILION HARBOR, OH | No Commerce Reported | |
| WADDINGTON HARBOR, NY | No Commerce Reported | |

ILLINOIS RIVER, IL (INCLUDED IN THE ILLINOIS WATERWAY CONSOLIDATED)

Section Included: Mouth of Illinois River, Grafton, IL to Lockport, IL, 291.9 miles. Maintained Depth: 9 feet.

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|---------|------|--------|------|--------|------|--------|
| 1996 | 39,679 | 1999 | 40,685 | 2002 | 40,204 | 2005 | 38,395 |
| 1997 | 38,619 | 2000 | 41,491 | 2003 | 39,494 | | |
| 1998 | 38,641* | 2001 | 40,333 | 2004 | 40,209 | | |
| | | | | | | | |

^{*}Revised after original year of publication

Freight Traffic, 2005 (thousand short tons)

| | | | | | Inte | ernal | | | |
|---|---------------------|---------------------|----------------|-------------|------------|------------------|-----------|---------------|----------------|
| Commodity | Grand Total | Inbo | und Downbnd | Outbo | | Thro | | | tra Downbnd |
| | | Upbound | Downbna | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbrid |
| Total, all commodities | 38,395 | 7,028 | 959 | 2,928 | 14,832 | 7,998 | 3,538 | 981 | 131 |
| Total coal | 2,789 | 888 | _ | 2 | 5 | 835 | 146 | 909 | 4 |
| 1100 coal & lignite 1200 coal coke | 1,965 825 | 877 11 | | 2 | 2 | 152 683 | 20 126 | 909 | <u>4</u> |
| Total petroleum and petroleum products | 5,302 | 814 | 145 | 1,096 | 1,404 | 791 | 970 | 14 | 68 |
| Subtotal crude petroleum | 6 | 6 | | _ | | | _ | | |
| 2100 crude petroleum Subtotal petroleum products | 5, 295 | 808 | 145 | 1,096 | 1,404 | 791 | 970 | 14 | 68 |
| 2211 gasoline | 195 | 53 | | 26 | 42 | 74 | | | |
| 2221 kerosene 2330 distillate fuel oil | 49 567 | 7 49 | 10 | 6 | 36 196 | 207 | 105 | | _ |
| 2340 residual fuel oil | 601 | 31 | 2 | 40 | 291 | 154 | 75 | | 9 |
| 2350 lube oil & greases | 152 | 50 | 1 | | | 100 | | | |
| 2429 naphtha & solvents 2430 asphalt, tar & pitch | 465 961 | 201 124 | 43 | 14 107 | 136 402 | 31 102 | 40 158 | 14 | 50 |
| 2540 petroleum coke | 2,017 | 28 | 86 | 904 | 295 | 107 | 588 | | 9 |
| 2640 hydrocarbon & petrol gases, liquefied and gaseous | 8 | | | | | 8 | | _ | _ |
| 2990 petro. products nec | 281 | 264 | _ | | 6 | 6 | 4 | | |
| Total chemicals and related products | 4,015 | 2,334 | 54 | 92 | 487 | 956 | 82 | 4 | 7 |
| Subtotal fertilizers 3110 nitrogenous fert. | 1,075 695 | 993 628 | | | 2 | 75 65 | 3 | 1 1 | 1 1 |
| 3120 phosphatic fert. | 77 | 73 | | | | 2 | 3 | | |
| 3130 potassic fert. | 122 | 115 | | | 2 | 5 | | | |
| 3190 fert. & mixes nec Subtotal other chemicals and related products | 181 2,939 | 178 1,341 | 54 | 92 | 486 | 3 881 | 79 | 2 | 5 |
| 3211 acyclic hydrocarbons | 29 | 29 | | | | | | | |
| 3212 benzene & toluene | _68 | 9 | 2 | | 1 | 7 | 48 | | 2 |
| 3219 other hydrocarbons 3220 alcohols | 752 1,060 | 658 94 | 28 24 | 92 | 476 | 49 365 | 17 9 | | |
| 3230 carboxylic acids | 1,000 | 8 | | | 470 —- | | | | |
| 3260 organic comp. nec | 40 | 24 | | | | 16 | | | |
| 3273 ammonia | 343 | 337 | | | | 400 | | 2 | 4 |
| 3274 sodium hydroxide 3275 inorg. elem., oxides, & | 424 57 | 16 32 | _ | _ | _ | 406 25 | 1 —- | _ | _ |
| halogen salts | | | | | | | | | |
| 3276 metallic salts | 11 107 | 3 97 | | | 3 6 | 3 4 | 3 | | |
| 3279 inorganic chem. nec 3297 chemical additives | 107 | 91 —- | | | | 1 | | | |
| 3299 chem. products nec | 38 | 35 | _ | _ | _ | 3 | _ | _ | _ |
| Total crude materials, inedible except fuels | 6,643 | 1,206 | 353 | 1,729 | 68 | 1,942 | 1,272 | 51 | 23 |
| Subtotal forest products, wood and chips | 447 | 222 | | | 2 | 223 | | | _ |
| 4161 wood chips | 430 | 215 | | | 2 | 213 | | | |
| 4190 forest products nec | 18 | 8 | | | | 10 | | | |
| Subtotal pulp and waste paper | 3 | 3 | | | | | | | |
| 4225 pulp & waste paper Subtotal soil, sand, gravel, rock and stone | 3 2,829 | 3 446 | 315 | 1,709 | 3 | 285 | _ | 51 | 20 |
| 4322 limestone | 77 | 35 | | | | 22 | | | 20 |
| 4323 gypsum | 205 | | | | _ | 205 | | | |
| 4331 sand & gravel | 2,523 | 400 | 315 | 1,709 | 3 | 46 | | 51 | |
| 4335 waterway improv. mat Subtotal iron ore and scrap | 23 1,540 | 11 105 | 38 | 12 | 61 | 12 409 | 911 | _ | 3 |
| 4410 iron ore | 398 | | | | | 335 | 64 | | |
| 4420 iron & steel scrap Subtotal non-ferrous ores and scrap | 1,142 149 | 105 44 | 38 | 12 | 61 | 74 105 | 848 —- | _ | 3 |
| 4650 aluminum ore | 82 | 31 | | | | 51 | | | |
| 4670 manganese ore | 43 | 8 | | | _ | 35 | | | |
| 4680 non-ferrous scrap | 16 | 3 | _ | | | 13 | | | |

ILLINOIS RIVER, IL (INCLUDED IN THE ILLINOIS WATERWAY CONSOLIDATED) Freight Traffic, 2005 - continued (thousand short tons)

| | | | | | | ernal | | | | |
|---|---------------------|-----------|---------|---------|--------------------|------------------|-----------------|-------------|----------|--|
| Commodity | Grand Total | Inbo | | Outb | | Thro | | | tra | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | |
| 4690 non-ferrous ores nec Subtotal sulphur, clay and salt | 8 149 | 2 10 | = | = | <u> </u> | 6 138 | = | _ | | |
| 4782 clay & refrac. mat. Subtotal slag | 149 438 | 10 | _ | 9 | 2 | 138 72 | 356 | _ | = | |
| 4860 slag Subtotal other non-metal. min. | 438 1,089 | 375 | | 9 | | 72 709 | 356 5 | <u> </u> | <u>-</u> | |
| 4900 non-metal. min. nec | 1,089 | 375 | | | | 709 | 5 | | | |
| Total primary manufactured goods | 5,882 | 1,674 | 390 | | 110 | 3,326 | 382 | | | |
| Subtotal lime, cement and glass | 1,848 | 571 | _ | | | 1,139 | 138 | | _ | |
| 5220 cement & concrete 5290 misc. mineral prod. | 1,846 | 571 0 | _ | _ | _ | 1,139 | 136 2 | _ | | |
| Subtotal primary iron and steel products | 3,915 | 1,086 | 388 | | 106 | 2,090 | 245 | _ | _ | |
| 5312 pig iron 5315 ferro alloys | 1,785 233 | 966 23 | _ | _ | | 807 207 | 12 3 | | _ | |
| 5320 i&s primary forms | 118 | 18 | 3 | _ | | 86 | 11 | | | |
| 5330 i&s plates & sheets | 748 | 41 | 124 | | 19 | 444 | 120 | | | |
| 5360 i&s bars & shapes | 400 | 23 | 14 | _ | 57 | 297 | 9 | | | |
| 5370 i&s pipe & tube 5390 primary i&s nec | 4 626 | 1 13 | 248 | _ | 30 | 3 246 | 89 | | | |
| Subtotal primary non-ferrous metal products | 120 | 16 | 2 | _ | 5 | 97 | | _ | _ | |
| 5422 aluminum 5429 smelted prod. nec | 9 16 | | | _ | | 9 16 | | | | |
| 5480 fab. metal products | 94 | 16 | 2 | = | 5 | 71 | = | = | = | |
| Total food and farm products | 13,678 | 111 | _ | 10 | 12,756 | 146 | 624 | 3 | 29 | |
| Subtotal grain | 9,391 | 3 | | 3 | 8,989 | | 364 | 3 | 29 | |
| 6241 wheat 6344 corn | 182 9,207 | 3 | _ | 3 | 83 8,905 | | 96 267 | 3 | 29 | |
| 6442 rice | 2 | | | | 2 | | | | | |
| Subtotal oilseeds | 2,704 | 37 | _ | 3 | 2,445 | 60 | 160 | | _ | |
| 6522 soybeans 6590 oilseeds nec | 2,602 102 | 1 35 | | 3 | 2,438 6 | 60 | 160 | | | |
| Subtotal vegetable products | 55 | 17 | | _ | 23 | 14 | | <u> </u> | | |
| 6653 vegetable oils Subtotal processed grain | 55 1,346 | 17 — | | _ | 23 1,263 | 14 2 | 82 | _ | _ | |
| and animal feed 6747 grain mill products | 36 | | | | 36 | | | | | |
| 6782 animal feed, prep. | 1,310 | | | | 1,226 | 2 | 82 | | | |
| Subtotal other | 182 | 53 | | 3 | 36 | 71 | 18 | | _ | |
| agricultural products 6861 sugar | 56 | | | | | 56 | | | | |
| 6865 molasses | 87 | 53 | | | | 16 | 18 | | | |
| 6885 alcoholic beverages | 40 | | | 3 | 36 | | | | | |
| Total all manufactured equipment, machinery and products | 86 | 3 | 18 | | 2 | 1 | 62 | _ | | |
| 7110 machinery (not elec) | 27 | 0 | 18 | _ | _ | 0 | 9 | | _ | |
| 7120 electrical machinery 7500 textile products | 1 1 | 1 | _ | _ | _ | _ | _ | | | |
| 7600 rubber & plastic pr. | 17 | | _ | _ | 2 | _ | 15 | | | |
| 7800 empty containers | 38 | | | | | | 38 | | | |
| 7900 manufac. prod. nec | 1 | | _ | _ | | 1 | _ | | _ | |
| Ton-miles (x1000) | 7,652,601 | 1,287,232 | 85,352 | 139,343 | 2,684,753 | 2,327,396 | 1,029,665 | 87,803 | 11,056 | |

Tons All Traffic (x1000) Ton-miles All Traffic (x1000) Total Trip-ton-miles Internal and Intraport (x1000) 38,395 7,652,601 38,219,850

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

Section Included: Calumet-Sag Channel from its junction with Chicago Sanitary and Ship Canal to Blue Island, Little Calumet and Calumet Rivers to Turning Basin No. 5 (130th Street Bridge). Maintained Depth: 9 feet.

Comparative Statement of Traffic (thousand short tons)

| | Year | Total | Year | Total | Year | Total | Year | Total |
|---|------|--------|------|-------|------|-------|------|-------|
| Г | 1996 | 12,636 | 1999 | 7,449 | 2002 | 6,749 | 2005 | 8,483 |
| | 1997 | 10,041 | 2000 | 8,007 | 2003 | 6,576 | | |
| | 1998 | 8,808* | 2001 | 6,022 | 2004 | 8,560 | | |
| | | | | | | | | |

^{*}Revised after original year of publication

Freight Traffic, 2005 (thousand short tons)

| Total coal Signife | | | | Inte | rnal | |
|--|--|-------------|----------|------|-------|-----------|
| Total coal Signife | Commodity | Grand Total | | | | |
| 1100 coal & lignite 158 | Total, all commodities | 8,483 | 281 | 29 | 5,700 | 2,474 |
| Total petroleum and petroleum products | Total coal | | | 9 | | |
| Subtotal petroleum products 2,017 83 | | | _ | 9 | | |
| 2211 gasoline 88 62 26 27 27 27 230 distillate fuel oil 32 32 37 2340 residual fuel oil 32 32 32 32 32 32 32 3 | | | | _ | | |
| 2340 residual fuel oil 32 | 2211 gasoline | 88 | 62 | | 26 | |
| 2429 anaphtha & solvents | | | | | | |
| 2540 petroleum coké 2640 pytrocarbon & petrol gases, liquefied and gaseous 8 | | | | _ | 14 | |
| 2640 hydrocarbon & petrol gases, liquefied and gaseous 8 8 | | | | | 1.370 | |
| Subtotal fertilizers 75 | 2640 hydrocarbon & petrol gases, liquefied and gaseous | 8 | | _ | · —- | = |
| 3110 nitrogenous fert. 62 | | | 77 | 1 | | |
| 3130 phosphatic fert. 5 | | | | _ | | |
| Subtotal order chemicals and related products 33 | 3120 phosphatic fert. | 5 | | | 2 | |
| Subtotal other chemicals and related products 135 77 | | | | | | _ |
| 3220 alcohols 86 | Subtotal other chemicals and related products | 135 | | 1 | 17 | 39 |
| 3260 organic comp. nec 1 | | | | 1 | | 6 |
| 3279 | 3260 organic comp. nec | 1 | | | 1 | |
| 1 | | | | _ | 4 | 34 —- |
| Total crude materials, inedible except fuels 1,888 54 | 3297 chemical additives | | 1 | _ | | _ |
| Subtotal forest products, wood and chips 11 | · | | | | | |
| 11 | | | 54 —- | _ | | 749 —- |
| Subtotal soil, sand, gravel, rock and stone 291 50 — 241 — 4322 limestone 22 — 225 — 205 — 4331 sand & gravel 64 50 — 14 — Subtotal iron ore and scrap 397 — — 335 63 4410 iron ore 397 — — 335 63 4420 iron & steel scrap 401 1 — 72 335 420 iron & steel scrap 105 — — 105 — 4650 aluminum ore 51 — — 51 — — 51 — 4650 aluminum ore 35 — 35 — — 35 — 465 — 6 — — 6 — — 6 — — 6 — — 6 — — 6 — — 6 — — 6 — — 6 | 4161 wood chips | 11 | | | 11 | |
| 4322 limestone 22 | | | | | | |
| Subtotal iron ore and scrap 798 1 | 4322 limestone | 22 | | | 22 | _ |
| Subtotal iron ore and scrap 788 1 | | | 50 | | | |
| Subtotal non-ferrous ores and scrap 105 | Subtotal iron ore and scrap | | 1 | _ | | |
| Subtotal non-ferrous ores and scrap 105 — 105 — 4650 aluminum ore 51 — 51 — 4670 manganese ore 35 — 51 — 4880 non-ferrous scrap 13 — 13 — 4690 non-ferrous ores nec 6 — 6 — Subtotal sulphur, clay and salt 136 3 — 133 — 4782 clay & refrac. mat. 136 3 — 133 — Subtotal slag 435 — 81 354 4860 slag 435 — 81 354 Subtotal orther non-metal. min. 102 — 97 5 4900 non-metal. min. nec 102 — 97 5 Total primary manufactured goods 2,954 62 — 2,123 768 Subtotal lime, cement and glass 391 62 — 188 140 5220 cement & concrete 389 62 — 188 | | | 1 | _ | | |
| 4670 manganese ore 35 — 35 — 4680 non-ferrous scrap 13 — 13 — 4690 non-ferrous ores nec 6 — 6 — 6 — Subtotal sulphur, clay and salt 136 3 — 133 — 4782 clay & refrac. mat. 136 3 — 133 — 8ubtotal slag 435 — 81 354 8ubtotal other non-metal. min. 102 — 97 5 Subtotal primary manufactured goods 2,954 62 — 2,123 768 Subtotal lime, cement and glass 391 62 — 188 140 5220 cement & concrete 389 62 — 188 149 5220 misc. mineral prod. 2 — — 2 Subtotal primary iron and steel products 2,479 — — 1,853 626 5312 pig iron 814 — 802 12 5320 i&s primary forms 95 — 81 14 5330 i&s plates & sheets 603 — 358 245 5360 i&s bars & shapes 195 — 81 17 5370 i&s pipe & | Subtotal non-ferrous ores and scrap | | | _ | | |
| 4680 non-ferrous scrap 13 — 13 — 4690 non-ferrous ores nec 6 — — 6 — Subtotal sulphur, clay and salt 136 3 — 133 — 4782 clay & refrac. mat. 136 3 — 133 — Subtotal slag 435 — 81 354 860 slag 435 — 97 5 Subtotal other non-metal. min. 102 — 97 5 4900 non-metal. min. nec 102 — 97 5 Total primary manufactured goods 2,954 62 — 2,123 768 Subtotal lime, cement and glass 391 62 — 188 140 5220 cement & concrete 389 62 — 188 149 5290 misc. mineral prod. 2 — — 2 Subtotal primary iron and steel products 2,479 — 1,853 626 5312 pig iron 814 — 802 12 5320 i&s | | | _ | _ | | _ |
| Subtotal sulphur, clay and salt 136 3 — 133 — 4782 clay & refrac. mat. 136 3 — 133 — Subtotal slag 435 — — 81 354 4800 slag — — 81 354 Subtotal other non-metal. min. 102 — — 97 5 4900 non-metal. min. nec 102 — — 97 5 Total primary manufactured goods 2,954 62 — 2,123 768 Subtotal lime, cement and glass 391 62 — 188 140 5220 cement & concrete 389 62 — 188 149 5290 misc. mineral prod. 2 — — 2 — — 188 139 5212 pig iron 814 — — 1,853 626 5312 pig iron 814 — — 802 | 4680 non-ferrous scrap | 13 | | | | |
| 4782 clay & refrac. mat. 136 3 — 133 — Subtotal slag 435 — 81 354 4860 slag 435 — 97 5 Subtotal other non-metal. min. nec 102 — 97 5 4900 non-metal. min. nec 102 — 97 5 Total primary manufactured goods 2,954 62 — 2,123 768 Subtotal lime, cement and glass 391 62 — 188 140 5220 cement & concrete 389 62 — 188 139 5290 misc. mineral prod. 2 — — 2 Subtotal primary iron and steel products 2,479 — 1,853 626 5312 pig iron 814 — — 204 3 5312 pig iron 814 — 802 12 5320 i&s primary forms 95 — 81 14 5330 i&s plates & sheets 603 — 358 245 5360 i&s bars & shapes 195 — 178 <td< td=""><td></td><td></td><td>3</td><td></td><td></td><td></td></td<> | | | 3 | | | |
| 4860 slag | | | | _ | | 254 |
| 4900 non-metal. min. nec 102 — 97 5 Total primary manufactured goods 2,954 62 — 2,123 768 Subtotal lime, cement and glass 391 62 — 188 140 5220 cement & concrete 389 62 — 188 139 5290 misc. mineral prod. 2 — — 2 — — 2 — — 2 Subtotal primary iron and steel products 2,479 — — 1,853 626 5312 pig iron 814 — — 802 12 5315 ferro alloys 207 — 204 3 5320 i&s pinary forms 95 — 81 14 5330 i&s plates & sheets 603 — 358 245 5360 i&s bars & shapes 195 — 178 17 5370 i&s pipe & tube 0 — 0 — 5390 primary i&s nec 564 — 230 | | | | | | |
| Subtotal lime, cement and glass 391 62 — 188 140 5220 cement & concrete 389 62 — 188 139 5290 misc. mineral prod. 2 — — 2 Subtotal primary iron and steel products 2,479 — — 1,853 626 5312 pig iron 814 — — 802 12 5315 ferro alloys 207 — — 204 3 5320 i&s primary forms 95 — — 81 14 5330 i&s plates & sheets 603 — 358 245 5360 i&s bars & shapes 195 — — 178 17 5370 i&s pipe & tube 0 — — 0 — 590 primary i&s nec 564 — — 230 335 580 piger imary forms 564 — — 230 335 520 piger imary forms 564 — — 230 335 530 piger imary forms 564 — — 230 335 530 piger imary forms 564 | | | = | | | |
| 5220 cement & concrete 389 62 — 188 139 5290 misc. mineral prod. 2 — — — 2 Subtotal primary iron and steel products 2,479 — — 1,853 626 5312 pig iron 814 — — 802 12 5315 ferro alloys 207 — — 204 3 5320 i&s primary forms 95 — — 81 14 5330 i&s plates & sheets 603 — 358 245 5360 i&s bars & shapes 195 — 178 17 5370 i&s pipe & tube 0 — — 0 — 5390 primary i&s nec 564 — — 230 335 Subtotal primary non-ferrous metal products 84 — — 4 — | | | | _ | | |
| 5290 misc. mineral prod. 2 — — — 1,853 626 Subtotal primary iron and steel products 2,479 — — 1,853 626 5312 pig iron 814 — — 802 12 5315 ferro alloys 207 — — 204 3 5320 i&s primary forms 95 — 81 14 5330 i&s plates & sheets 603 — — 358 245 5360 i&s bars & shapes 195 — 178 17 5370 i&s pipe & tube 0 — — 0 — 5390 primary i&s nec 564 — — 230 335 Subtotal primary non-ferrous metal products 84 — — 4 — 5422 aluminum 4 — — 4 — | | | | _ | | |
| 5312 pig iron 814 — — 802 12 5315 ferro alloys 207 — — 204 3 5320 i&s primary forms 95 — — 81 14 5330 i&s plates & sheets 603 — — 358 245 5360 i&s bars & shapes 195 — — 178 17 5370 i&s pipe & tube 0 — — 0 — 5390 primary i&s nec 564 — — 230 335 Subtotal primary non-ferrous metal products 84 — — 83 2 5422 aluminum 4 — — 4 | | | | _ | 4 052 | |
| 5315 ferro alloys 207 — — 204 3 5320 i&s primary forms 95 — — 81 14 5330 i&s plates & sheets 603 — — 358 245 5360 i&s bars & shapes 195 — — 178 17 5370 i&s pipe & tube 0 — — 0 — 590 primary i&s nec 564 — — 230 335 Subtotal primary non-ferrous metal products 84 — — 83 2 5422 aluminum 4 — — 4 — | 5312 pig iron | 814 | _ | = | 802 | 12 |
| 5330 i&s plates & sheets 603 — — 358 245 5360 i&s bars & shapes 195 — — 178 17 5370 i&s pipe & tube 0 — — 0 — 5390 primary i&s nec 564 — — 230 335 Subtotal primary non-ferrous metal products 84 — — 83 2 5422 aluminum 4 — — 4 — | 5315 ferro alloys | | _ | _ | | 3 |
| 5370 i&s pipe & tube 0 — — 0 — 5390 primary i&s nec 564 — — 230 335 Subtotal primary non-ferrous metal products 84 — — 83 2 5422 aluminum 4 — — 4 — | 5330 i&s plates & sheets | 603 | _ | _ | | 245 |
| 5390 primary i&s nec 564 — — 230 335 Subtotal primary non-ferrous metal products 84 — — 83 2 5422 aluminum 4 — — 4 — | 5360 i&s bars & shapes | 195 | _ | _ | 178 | 17 |
| Subtotal primary non-ferrous metal products 84 — — 83 2 5422 aluminum 4 — — 4 — — 4 — | | | | _ | | |
| | Subtotal primary non-ferrous metal products | 84 | | _ | 83 | |
| | | | | | | |

CALUMET-SAG CHANNEL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY) Freight Traffic, 2005 - continued (thousand short tons)

Internal Commodity **Grand Total** Inbound Outbound Through Upbound Upbound Downbnd Downbnd 5480 fab. metal products 70 2 68 567 Total food and farm products 137 407 Subtotal grain 289 8 280 6241 6344 wheat 92 8 84 197 197 corn Subtotal oilseeds 188 65 124 5 60 **14** 6522 soybeans 124 6590 oilseeds nec
Subtotal vegetable products
6653 vegetable oils 60 **14** 14 **2** 2 14 **5 71** 42 Subtotal processed grain and animal feed 6782 animal feed, prep.
Subtotal other agricultural products 4 18 49 6861 42 sugar 18 6865 molasses 29 Total all manufactured equipment, machinery and products
7110 machinery (not elec)
7600 rubber & plastic pr. 43 1 42 26 26 0 15 15 7900 manufac. prod. nec 1 Ton-miles (x1000) 200,499 3,785 556 136,789 59,370

Tons All Traffic (x1000) 8,483
Ton-miles All Traffic (x1000) 200,499
Total Trip-ton-miles Internal and Intraport (x1000) 7,722,362

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

Section Included: Chicago Sanitary and Ship Canal. Damen Avenue, Chicago to Lockport, IL. Maintained Depth: 9 feet at low water stages.

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|---------|------|--------|------|--------|------|--------|
| 1996 | 20,493 | 1999 | 17,500 | 2002 | 17,059 | 2005 | 21,044 |
| 1997 | 18,900 | 2000 | 17,983 | 2003 | 19,465 | | |
| 1998 | 18,185* | 2001 | 16,905 | 2004 | 20,571 | | |
| | | | | | | | |

^{*}Revised after original year of publication

Freight Traffic, 2005 (thousand short tons)

| | | | | | Inte | ernal | | | |
|---|---|---------------------------------|---|-----------------|-----------------------|-------------------------------|-----------------------|--------------------|----------------|
| Commodity | Grand Total | Inbo | und | Outb | | Thro | ugh | In | tra |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| Total, all commodities | 21,044 | 4,830 | 216 | 2,593 | 1,685 | 6,192 | 2,855 | 2,572 | 100 |
| Total coal 1100 coal & lignite 1200 coal coke | 3,568 2,754 813 | 50 14 37 | <u>-</u> | 773 773 | 99 —- 99 | 786 138 648 | 50 20 30 | 1,809 1,809 | = |
| Total petroleum and petroleum products | 4,010 | 890 | 120 | 524 | 867 | 1,041 | 284 | 201 | 82 |
| Subtotal petroleum products 2211 gasoline 2221 kerosene 2330 distillate fuel oil 2340 residual fuel oil 2350 lube oil & greases 2429 naphtha & solvents 2430 asphalt, tar & pitch 2540 petroleum coke 2640 hydrocarbon & petrol gases, liquefied and gaseous 2990 petro. products nec | 4,010 99 6 639 311 103 136 392 2,306 8 | 890 11 6 220 191 100 36 209 117 | 120 ———————————————————————————————————— | 524 51 12 1 459 | 867 — | 1,041 88 | 284 20 2 47 215 | 201 | 82 11 5 3 9 54 |
| Total chemicals and related products | 1,317 | 913 | 68 | _ | 125 | 170 | 10 | 13 | 18 |
| Subtotal fertilizers 3110 nitrogenous fert. 3120 phosphatic fert. 3130 potassic fert. 3190 fert. & mixes nec Subtotal other chemicals and related products 3212 benzene & toluene | 78 65 5 5 3 1,239 | 913 | 68 | = | | 75 65 2 5 3 95 | 3 3 — 7 | | 18 |

CHICAGO SANITARY AND SHIP CANAL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY) Freight Traffic, 2005 - continued (thousand short tons)

| | | | (tnousar | nd short tons | 5) | | | | |
|---|------------------|-----------------|-------------|---------------|---------|----------|-----------------|---------|-------------|
| | | | | | | ernal | | | |
| Commodity | Grand Total | Inbo | | Outb | | Thro | - 3 | | tra |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| | | | | | | | | | |
| 3219 other hydrocarbons | 114 | | | | 45 | 6 | | 2 | 18 |
| 3220 alcohols | 492 | 380 | | | 27 | 79 | 6 | | |
| 3260 organic comp. nec | 16 | | | | | 1 | | | |
| 3274 sodium hydroxide | 408 | 406 | | | 1 | | | | |
| 3275 inorg. elem., oxides, & | 25 | 25 | | | | | | | |
| halogen salts | 440 | 00 | 00 | | 0 | | | 40 | |
| 3276 metallic salts | 118 | 36 | 68 | | 3 | | | 10 | |
| 3279 inorganic chem. nec | 4 | | | | | 4 | | | |
| 3297 chemical additives | 1 | | | | | 1 | | | |
| 3299 chem. products nec | 3 | | | | | 3 | | | |
| Total crude materials, | 7,161 | 1,922 | 24 | 1,290 | 352 | 1,749 | 1,276 | 549 | |
| inedible except fuels | 7,101 | 1,522 | 24 | 1,230 | 332 | 1,749 | 1,270 | 343 | |
| Subtotal forest products, | 223 | 203 | | | | 21 | | | |
| wood and chips | | | | | | | | | |
| 4161 wood chips | 213 | 203 | | | | 11 | | | |
| 4190 forest products nec | 10 | | | | | 10 | | | |
| Subtotal soil, sand, | 4,148 | 1,226 | | 1,290 | 315 | 768 | | 549 | |
| gravel, rock and stone | | - | | | | | | | |
| 4322 limestone | 22 | | | | | 22 | | | |
| 4323 gypsum | 205 | | | | | 205 | | | |
| 4331 sand & gravel | 3,908 | 1,214 | | 1,290 | 315 | 541 | | 549 | |
| 4335 waterway improv. mat | 12 | 12 | | | | | | | |
| Subtotal iron ore and | 1,396 | 8 | 24 | _ | 37 | 413 | 915 | | |
| scrap | | | | | | | = - | | |
| 4410 iron ore | 398 | | | | | 335 | 64 | | |
| 4420 iron & steel scrap | 998 | 8 | 24 | | 37 | 78 | 851 | | |
| Subtotal non-ferrous ores | 105 | | | | | 105 | | | |
| and scrap | F4 | | | | | E4 | | | |
| 4650 aluminum ore | 51 | | | | | 51 | | | |
| 4670 manganese ore | 35 13 | | | | | 35 13 | | | |
| 4680 non-ferrous scrap 4690 non-ferrous ores nec | 6 | | | | | 6 | | | |
| Subtotal sulphur, clay | 138 | | | | | 138 | | | |
| and salt | 130 | | | | | 130 | | | |
| 4782 clay & refrac. mat. | 138 | | | | | 138 | | | |
| Subtotal slag | 437 | | | | | 81 | 356 | | |
| 4860 slag | 437 | | | | | 81 | 356 | | |
| Subtotal other non-metal. | 714 | 485 | | | | 224 | 5 | | |
| min. | | | | | | : | • | | |
| 4900 non-metal. min. nec | 714 | 485 | | | | 224 | 5 | | |
| | | | | | | | | | |
| Total primary | 4,119 | 1,033 | 5 | | 9 | 2,310 | 763 | | |
| manufactured goods | | | | | | | | | |
| Subtotal lime, cement | 1,296 | 784 | 3 | | 1 | 371 | 137 | | |
| and glass | | | _ | | | | | | |
| 5220 cement & concrete | 1,294 | 784 | 3 | | 1 | 371 | 135 | | |
| 5290 misc. mineral prod. | 2 | | _ | | _ | | 2 | | |
| Subtotal primary iron and | 2,724 | 235 | 2 | | 8 | 1,855 | 625 | | |
| steel products | 040 | _ | | | | 000 | 40 | | |
| 5312 pig iron | 819 | 5 | | | | 802 | 12 | | |
| 5315 ferro alloys | 210 | | | | | 207 | 3 | | |
| 5320 i&s primary forms | 100 | 5 | | | | 81 | 14 | | |
| 5330 i&s plates & sheets | 690 | 87 | 2 | | _ | 358 | 244 | | |
| 5360 i&s bars & shapes | 320 | 119 | | | 6 | 178 | 17 | | |
| 5370 i&s pipe & tube | 3 583 | 3 | | | | 330 | 335 | | |
| Subtotal primary | 583 99 | 17 14 | | | 2 | 230 | 335 2 | | |
| non-ferrous metal products | 99 | 14 | | | | 83 | 2 | | |
| 5422 aluminum | 9 | 5 | | | | 4 | | | |
| 5429 smelted prod. nec | 16 | | | _ | | 11 | | | |
| 5480 fab. metal products | 73 | | | | | 68 | 2 | | |
| 5.56 las. motal products | 73 | | | | | 30 | 2 | | |
| Total food and farm | 787 | 22 | | 5 | 196 | 135 | 430 | | _ |
| products | | | | _ | | | | | |
| Subtotal grain | 372 | | | 4 | 82 | 3 | 284 | | |
| 6241 wheat | 105 | | | 4 | 13 | 3 | 86 | | |
| 6344 corn | 267 | | | | 69 | | 198 | | |
| Subtotal oilseeds | 224 | | | 2 | 34 | 63 | 125 | | |
| 6522 soybeans | 164 | | | 2 | 34 | 3 | 125 | | |
| 6590 oilseeds nec | 60 | | | | | 60 | | | |
| Subtotal vegetable | 14 | _ | | | | 14 | | | |
| products | | | | | | _ | | | |
| 6653 vegetable oils | 14 | | | | | 14 | | | |
| Subtotal processed grain | 84 | | | _ | 79 | 2 | 3 | | |
| and animal feed | | | | | | _ | _ | | |
| 6782 animal feed, prep. | 84 | | | | 79 | 2 | 3 | | |
| Subtotal other | 93 | 22 | | | | 53 | 18 | | |
| agricultural products | 50 | 4.4 | | | | 40 | | | |
| 6861 sugar 6865 molasses | 56 34 | 14 4 | | | | 42 11 | 18 | | |
| 6885 alcoholic beverages | 34 | | _ | | _ | ——— | 18 —- | | |
| 5555 alcoholic bevelages | 3 | | | | | | | | |

CHICAGO SANITARY AND SHIP CANAL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY) Freight Traffic, 2005 - continued (thousand short tons)

| | | | | | Inte | ernal | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Commodity | Grand Total | Inbo | und | Outb | ound | Thro | ugh | In | tra |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| | | | | | | | | | |
| Total all manufactured equipment, machinery and products | 81 | _ | _ | _ | 38 | 1 | 42 | | |
| 7110 machinery (not elec) | 26 | | | | | 0 | 26 | | |
| 7600 rubber & plastic pr. | 15 | | | | | | 15 | | |
| 7800 empty containers | 38 | | | | 38 | | | | |
| 7900 manufac. prod. nec | 1 | | | | | 1 | | | |
| Ton-miles (x1000) | 235,802 | 49,683 | 1,966 | 57,027 | 11,266 | 76,934 | 38,926 | 0 | 0 |

Tons All Traffic (x1000) Ton-miles All Traffic (x1000) Total Trip-ton-miles Internal and Intraport (x1000) 21,044 235,802 13,844,703

ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT FOR ENTIRE WATERWAY)

Section Included: Illinois River, Grafton, IL to confluence of Desplaines and Kankakee Rivers thence Desplaines River to Lockport, IL; Chicago Sanitary and Ship Canal, Lockport, IL to Damen Avenue 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 (130th Street Bridge). See reports for Illinois River, Chicago Sanitary and Ship Canal, Calumet-Sag Channel, and Chicago River, South Branch. Maintained Depth: 9 feet at low water stages.

Comparative Statement of Traffic (thousand short tons)

| Year | Total | Year | Total | Year | Total | Year | Total |
|------|---------|------|--------|------|--------|------|--------|
| 1996 | 46,236 | 1999 | 43,724 | 2002 | 43,032 | 2005 | 44,018 |
| 1997 | 42,994 | 2000 | 44,231 | 2003 | 45,009 | | - |
| 1998 | 41,795* | 2001 | 43,490 | 2004 | 45,235 | | |
| | · · | | , i | | · · | | |

^{*}Revised after original year of publication

Freight Traffic, 2005 (thousand short tons)

| - | | | | | Int | ernal | | | |
|--|--------------------|-------------------|---------|---------|-------------|------------|----------|---------|---------|
| Commodity | Grand Total | Inbo | ound | Outbo | ound | Thro | ugh | In | tra |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| Total, all commodities | 44,018 | 10,629 | 718 | 2,378 | 16,306 | 4,493 | 2,107 | 6,696 | 691 |
| Total coal | 5,374 | 938 | _ | 2 | 113 | 785 | 41 | 3,492 | 4 |
| 1100 coal & lignite 1200 coal coke | 4,547 827 | 891 47 | _ | 2 | 2 111 | 138 647 | 20 21 | 3,492 | 4 |
| Total petroleum and petroleum products | 6,310 | 1,556 | 186 | 1,389 | 2,192 | 94 | 218 | 447 | 228 |
| Subtotal crude petroleum | 6 | 6 | | | | | | | |
| 2100 crude petroleum Subtotal petroleum | 6, 304 | 6 1,550 | 186 | 1,389 | 2,192 | 94 | 218 | 447 | 228 |
| products | 405 | 400 | | 40 | 40 | | | | |
| 2211 gasoline 2221 kerosene | 195 49 | 120 7 | | 19 | 42 36 | 6 | _ | 6 6 | |
| 2330 distillate fuel oil | 883 | 273 | 52 | 43 | 295 | 8 | 20 | 172 | 21 |
| 2340 residual fuel oil | 641 | 182 | 2 | 12 | 385 | 3 | <u> </u> | 43 | 14 |
| 2350 lube oil & greases | 153 | 151 | | | | | | 1 | 1 |
| 2429 naphtha & solvents | 474 | 223 | 41 | 1 | 172 | 9 | 7 | 15 | 6 |
| 2430 asphalt, tar & pitch | 981 | 226 | 7 | | 560 | | | 126 | 62 |
| 2540 petroleum coke | 2,638 | 95 | 86 | 1,313 | 692 | 60 | 191 | 76 | 125 |
| 2640 hydrocarbon & petrol gases, liquefied and gaseous | 8 | 8 | | | | | | _ | |
| 2990 petro. products nec | 281 | 264 | _ | | 10 | 6 | | _ | _ |
| Total chemicals and related products | 4,149 | 3,232 | 74 | | 566 | 92 | 3 | 109 | 72 |
| Subtotal fertilizers | 1,075 | 993 | | | 2 | 75 | 3 | 1 | 1 |
| 3110 nitrogenous fert. | 695 | 628 | | | | 65 | | 1 | 1 |
| 3120 phosphatic fert. | 77 | 73 | | | | 2 | 3 | | |
| 3130 potassic fert. | 122 | 115 | | | 2 | 5 | | | |
| 3190 fert. & mixes nec | 181 | 178 | | | | 3 | | | |
| Subtotal other chemicals and related products | 3,073 | 2,239 | 74 | | 565 | 17 | | 108 | 71 |
| 3211 acyclic hydrocarbons | 29 | 29 | | | | | | _ | |
| 3212 benzene & toluene | 69 | 16 | 2 | | 49 | | | 1 | 2 |
| 3219 other hydrocarbons | 772 | 702 | | | 17 | 4 | | 2 | 46 |
| 3220 alcohols 3230 carboxylic acids | 1,061 8 | 456 8 | 4 | | 485 | 4 | | 92 | 20 |
| 3260 organic comp. nec | 8 40 | 39 | | | | 1 | | | |
| 3273 ammonia | 343 | 337 | | | | _ ' | | 2 | 4 |
| 3274 sodium hydroxide | 424 | 423 | | | | | | | 4 |
| 3275 inorg. elem., oxides, & halogen salts | 57 | 57 | | _ | | = | _ | _ | |

ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT FOR ENTIRE WATERWAY) Freight Traffic, 2005 - continued (thousand short tons)

| | | | | | | ernal | | | |
|---|---------------------|---------|----------|---------------|--------------------|------------------|-------------------|-------------|---------|
| Commodity | Grand Total | | ound | Outb | | Thro | | | tra |
| - | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| 3276 metallic salts | 123 | 39 | 68 | | 6 | | | 10 | _ |
| 3279 inorganic chem. nec | 107 | 97 | | | 6 | 4 | | | |
| 3297 chemical additives 3299 chem. products nec | 1 38 | 1 35 | | | | 3 | | | |
| | | | | | | | | | |
| Total crude materials, inedible except fuels | 8,511 | 1,939 | 46 | 976 | 306 | 1,208 | 1,036 | 2,642 | 357 |
| Subtotal forest products, | 447 | 425 | | | 2 | 21 | _ | | |
| wood and chips 4161 wood chips | 430 | 418 | | | 2 | 11 | | | |
| 4190 forest products nec | 18 | | | | | 10 | | | |
| Subtotal pulp and waste paper | 3 | 3 | _ | _ | _ | | _ | _ | |
| 4225 pulp & waste paper | 3 | 3 | | | | | | | |
| Subtotal soil, sand, | 4,668 | 482 | _ | 963 | 3 | 248 | _ | 2,635 | 335 |
| gravel, rock and stone 4322 limestone | 77 | 35 | | | | 22 | | | 20 |
| 4323 gypsum | 205 | | _ | | _ | 205 | | | |
| 4331 sand & gravel 4335 waterway improv. mat | 4,362 23 | | _ | 963 | 3 | 21 | _ | 2,635 | 315 |
| Subtotal iron ore and | 1,568 | | 46 | 5 | 300 | 403 | 675 | 7 | 22 |
| scrap 4410 iron ore | 398 | | | | | 335 | 64 | | |
| 4420 iron & steel scrap | 1,170 | 111 | 46 | 5 | 300 | 69 | 611 | 7 | 22 |
| Subtotal non-ferrous ores and scrap | 149 | 44 | | | | 105 | _ | | |
| 4650 aluminum ore | 82 | | | | | 51 | | | |
| 4670 manganese ore | 43 16 | | _ | = | | 35 13 | _ | | |
| 4680 non-ferrous scrap 4690 non-ferrous ores nec | 8 | | | | | 6 | | | |
| Subtotal sulphur, clay | 149 | 14 | _ | _ | _ | 135 | _ | _ | |
| and salt 4782 clay & refrac. mat. | 149 | 14 | | | | 135 | | | |
| Subtotal slag | 438 | | _ | 9 | 2 | 72 | 356 | _ | |
| 4860 slag Subtotal other non-metal. | 438 1,089 | | _ | 9 | 2 | 72 224 | 356 5 | _ | _ |
| min. | | | | | | | | | |
| 4900 non-metal. min. nec | 1,089 | 861 | | | | 224 | 5 | | |
| Total primary | 5,904 | 2,828 | 394 | _ | 119 | 2,188 | 373 | _ | _ |
| manufactured goods Subtotal lime, cement | 1,867 | 1,476 | 3 | | 1 | 250 | 137 | | |
| and glass 5220 cement & concrete | 1,865 | 1,476 | 3 | | 1 | 250 | 135 | | |
| 5290 misc. mineral prod. | 1,003 | 0 | | | | 250 | 2 | | |
| Subtotal primary iron and | 3,916 | 1,321 | 390 | _ | 113 | 1,855 | 237 | | |
| steel products 5312 pig iron | 1,785 | 971 | | | | 802 | 12 | | |
| 5315 ferro alloys | 233 | | | | | 207 | 3 | | |
| 5320 i&s primary forms 5330 i&s plates & sheets | 118 750 | | 3 125 | | 19 | 81 358 | 11 120 | | _ |
| 5360 i&s bars & shapes | 400 | 142 | 14 | | 63 | 178 | 3 | | |
| 5370 i&s pipe & tube 5390 primary i&s nec | 4 626 | 30 | 248 | _ | 32 | 0 230 | 87 | | |
| Subtotal primary | 120 | | 2 | _ | 5 | 83 | | _ | |
| non-ferrous metal products 5422 aluminum | 9 | 5 | | | | 4 | | | |
| 5429 smelted prod. nec | 16 | 5 | | | | 11 | | | |
| 5480 fab. metal products | 94 | 20 | 2 | | 5 | 68 | _ | | _ |
| Total food and farm | 13,685 | 133 | _ | 12 | 12,969 | 124 | 412 | 7 | 29 |
| products Subtotal grain | 9,397 | | | 7 | 9,071 | | 284 | 3 | 29 |
| 6241 wheat 6344 corn | 187 9,207 | | _ | 7 | 95 8,974 | | 86 198 | 3 | 29 |
| 6442 rice | 2 | | _ | | 2 | | | | |
| Subtotal oilseeds 6522 soybeans | 2,706 2,604 | | _ | 5 5 | 2,479 2,473 | 60 | 125 125 | | |
| 6590 oilseeds nec | 102 | | | | 2,473 | 60 | | | |
| Subtotal vegetable | 55 | | | _ | 23 | 14 | | | |
| products 6653 vegetable oils | 55 | 17 | _ | | 23 | 14 | | | |
| Subtotal processed grain | 1,346 | | | _ | 1,342 | 2 | 3 | | |
| and animal feed 6747 grain mill products | 36 | | _ | | 36 | | | | |
| 6782 animal feed, prep. | 1,310 | | _ | _ | 1,305 | 2 | 3 | | |
| Subtotal other agricultural products | 182 | 76 | _ | _ | 54 | 49 | | 3 | |
| 6861 sugar | 56 | | _ | _ | | 42 | | | _ |
| 6865 molasses 6885 alcoholic beverages | 87 40 | | _ | _ | 18 36 | 7 —- | | 3 | _ |
| 2.2.2.2.2.2.0 20.01ag00 | 10 | 1 | | | 50 | | | 3 | |

ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT FOR ENTIRE WATERWAY) Freight Traffic, 2005 - continued (thousand short tons)

| | | | | | Int | ernal | | | |
|--|--------------------|-----------|---------|---------|-----------|-----------|---------|---------|---------|
| Commodity | Grand Total | Inbo | ound | Outbo | ound | Thro | ugh | In | tra |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| | | | | | | | | | |
| Total all manufactured equipment, machinery and products | 86 | 3 | 18 | _ | 39 | 1 | 24 | _ | _ |
| 7110 machinery (not elec) | 27 | 0 | 18 | | | 0 | 9 | | |
| 7120 electrical machinery | 1 | 1 | | | | | | | |
| 7500 textile products | 1 | 1 | | | | | | | |
| 7600 rubber & plastic pr. | 17 | | | | 2 | | 15 | | |
| 7800 empty containers | 38 | | | | 38 | | | | |
| 7900 manufac. prod. nec | 1 | | | _ | _ | 1 | _ | | |
| Ton-miles (x1000) | 8,099,540 | 2,354,082 | 57,199 | 109,607 | 3,118,308 | 1,460,108 | 684,735 | 251,868 | 63,632 |

Tons All Traffic (x1000) Ton-miles All Traffic (x1000) Total Trip-ton-miles Internal and Intraport (x1000) 44,018 8,099,540 38,374,989

Section 2 Trips and Drafts of Vessels

| | | Self F | Propelled Ve | ssels | Non-Self I | Propelled | | Self F | ropelled Ve | ssels | Non-Self Ves | |
|-------------------------------|-----------------------|------------|----------------|-------------------|--------------|-----------------|--------------------|-----------|-------------|----------------------------------|----------------------------|-------------------|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| WAUKEGA | N HARBO | OR, IL | | | | | | | | | • | |
| Grand | | | Inbou | | | | | | Outbou | | | |
| Total | 159 | 9 45 | | 63 | 51 | _ | 157 | 44 | | 58 | 55 | |
| DOMESTIC Total | 159 | 45 | | 63 | 51 | | 157 | 44 | | 58 | 55 | |
| 23 21 | —- 1 | | _ | —- —- | | _ | 1 | | _ | | | _ |
| 20 19 | _ | _ | _ | _ | _ | _ | 1 | | _ | _ | | _ |
| 18 17 | 30 | 18 | | 10 | 2 | _ | 33 | | _ | 3 | | _ |
| 16 15 14 | 38 14 1 | 2 | _ | 17 6 —- | 18 6 1 | | 38 30 —- | | | 15 13 —- | | |
| 12 | 71 | 18 | | 30 | | | 51 | 2 | | 27 Tota l | 22 I trips: | 316 |
| | | | | | | | | | | | | |
| CHICAGO | RIVER (N | IAIN AND N | ORTH BRA | | | | | | Downbou | ınd | | |
| Grand Total | 1,343 | · — | <u> </u> | 258 | 1,065 | 20 | 1,335 | i — | | 256 | 1,073 | 6 |
| DOMESTIC | | | | | | | | | | | | |
| Total 12 | 1,343 1,343 | | _ | 258 258 | | 20 | 1,335 | | _ | 256 256 | | 6 6 |
| | 1,515 | | | | , ,,,,,,,, | | ,,,,,,, | | | | l trips: | 2,678 |
| CHICAGO | DIVED S | OUTH BRAI | אוכון וו | | | | | | | | | |
| Grand | KIVEK, S | OUTH BRAI | Upbou | nd | | | | | Downbou | ınd | | |
| Total | 2,875 | · — | | 646 | 2,216 | 13 | 2,860 | · — | _ | 643 | 2,204 | 13 |
| DOMESTIC | 0.075 | · I | | 646 | 0.046 | 40 | 0.000 | . I | | 0.40 | 0.004 | 40 |
| Total 12 | 2,875 2,875 | | = | 646 646 | | 13 13 | 2,860 2,860 | | = | 643 643 Tota | 2,204 2,204 I trips: | 13 13 5,735 |
| | | | | | | | | | | | | 0,.00 |
| LAKE CAL | UMET, IL | | Upbou | nd | | | | | Downbou | ınd | | |
| Grand Total | 1,331 | 26 | — - | 485 | 787 | 33 | 1,251 | 23 | | 487 | 705 | 36 |
| FOREIGN | | | | | | | | | | | | |
| Total | 18 | 7 2 | _ | 5 | 6 | _ | 17 | | | 6 | 4 | |
| Total 27 26 25 24 23 22 21 19 | | | _ | _ | _ | _ | _1 | 1 | _ | _ | | _ |
| 24 23 | 3 | 2 2 | _ | _ | 2 | _ | 1 | 1 | _ | _ | | _ |
| 22 21 19 | 1 5 | | = | _5 | 2 3 1 | | — — 6 | | _ | 6 | | |
| 18 | _ | Ί | | _ | | | 4 | | _ | _ | 4 | |
| DOMESTIC | | .1 . | | | 1 | 11 | | .1 - | | | 1 | _ |
| Total 22 21 20 | 1,313 1 | 19 | _ | 480 | | 33 | 1,234 | 16 | = | 481 —- | 701 | 36 —- |
| 191 | 11 | 3 | _ | | 6 8 —- | | | | | | 3 | |
| 18 16 15 | 15 15 | 15 | _ | | _ | | 11 16 | 15 | | 11 —- | | _ |
| 15 14 | 15 2 2 | | _ | 2 | 2 | | | | _ | 2 | | = |
| | | | | | | | | | | | | |

| | | | | | Non-Self I | draft in feet) | | | | | Non-Self | Propelled |
|---|--|--|---------------------------|-----------------|---|----------------|--|--|-------------|--|----------------------------|---|
| Draft | | | ropelled Ve | Ssels Tow or | Vess | sels | | | ropelled Ve | Tow or | Ves | sels |
| | Total | Dry Cargo | Tanker | Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tug | Dry Cargo | Tanker |
| LAKE CALU | JMET, IL - | continued | Upbou | ınd | | | | | Downbou | ınd | | |
| DOMESTIC | | | | | | | | | | | | |
| 13 12 | 5 1,263 | | | 2 468 | 3 762 | 33 | 21 1,181 | | | 4 464 Total | 16 681 trips: | 36 2,582 |
| CALUMET | HARBOR | AND RIVER | R, IL AND II Upbou | N | | | | | Downbou | ınd | | |
| Grand Total | 8,664 | 347 | 3 | 4,247 | 3,878 | 189 | 7,662 | 2 354 | 3 | 3,296 | 3,816 | 193 |
| FOREIGN | | | | | | | | | | | | |
| Total 27 26 25 24 23 22 21 20 19 18 17 16 15 14 | 144 13 13 2 14 37 24 7 6 11 7 1 1 4 1 3 | 13 13 2 11 36 24 6 3 3 1 | 3 | 15 | 3 1 | 4 | 95 17 19 3 7 7 11 3 3 9 9 2 4 4 3 3 1 1 | 17 19 3 3 7 3 3 2 3 3 2 | 3 | 13 | 8 | 8 1 1 3 1 1 1 |
| DOMESTIC | | | | | | | | | | | | |
| Total 26 25 24 23 22 21 20 19 18 17 16 15 14 13 | 8,520 5 18 73 7 32 60 36 29 11 37 153 10 138 7,911 | 5 17 70 6 300 48 18 11 3 15 2 | | 4,232 | 1 3 1 2 8 13 6 4 7 7 | 185 | 7,567 3 4 13 13 11 17 16 52 128 45 51 164 144 140 6,888 | 3 3 3 3 3 3 9 20 9 9 10 5 5 5 5 110 6 41 6 4 6 6 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | | 3,283 | 3,808 | 185 2 182 16,326 |
| PORT OF | CHICAGO | , IL | Inbou | ınd | | | | | Outbou | ınd | | |
| Grand Total FOREIGN | 18,259 | 790 | 3 | 6,341 | 9,570 | 1,555 | 18,293 | 807 | 3 | 6,323 | 9,607 | 1,553 |
| Total 27 26 25 24 23 22 21 20 19 18 17 16 15 | 95 17 19 3 7 5 11 3 9 2 4 3 5 1 | 17 19 3 7 3 7 2 3 2 ————————————————————————— | 3 | 13 | 2 4 1 1 | 8 | 1444 133 133 2 144 37 24 7 6 11 7 7 | 13 13 13 13 2 2 4 11 36 4 24 6 6 3 3 1 1 | 3 | 15 1 6 3 3 1 2 | 10 | 4 |

| Draft | | Self Pi | opelled Ves | ssels | Non-Self Ves | | | Self F | ropelled Ve | essels | Non-Self Ves | |
|---|---|--|--------------------|---------------|--|---|------------|---|-------------|---------------|--|-------------------------------------|
| Diait | Total Dr | y Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| PORT OF (| CHICAGO, IL | - continu | ed Inbou | nd | | | | | Outboo | und | | |
| FOREIGN | | | | | | | | | | | | |
| 12 | 3 | | 3 | | | | 3 | 3 | 2 | 1 | | |
| DOMESTIC | ; | | | | | | | | | | | |
| Total 26 25 24 23 22 21 19 18 17 16 15 14 | 18,164 3 4 13 21 11 17 19 51 120 44 47 169 15 140 17,490 | 727 3 3 9 20 9 100 8 49 100 40 21 6 449 | | 6,328 | 1 4 1 2 7 9 1 1 8 4 7 16 6 | 1,547 ———————————————————————————————————— | 18,149 | | | 6,308 | 1 3 1 2 8 13 7 4 7 7 7 | 1,549 |
| | HARBOR, IN | | Inbou | nd | | | | | Outbou | und | | |
| Grand Total | 2,707 | 294 | | 1,221 | 942 | 250 | 2,75 | 2 280 | _ | 1,243 | 970 | 259 |
| FOREIGN | | | | | | | | | | | | |
| Total 27 25 24 22 21 20 19 18 17 16 15 14 13 | 34 5 1 3 2 1 1 1 8 4 3 1 3 | 10 5 1 3 1 | | 12 | 1 1 1 3 | 3 | 5 6 6 13 | 5 5 5 1 1 3 3 3 2 — 6 — 6 — 6 — 6 6 — 6 6 — 6 6 — 6 6 6 — 6 | | | —————————————————————————————————————— | 2 1 1 |
| DOMESTIC | ; | | | | | | | | | | | |
| Total 31 30 29 28 27 26 25 24 23 21 20 19 18 17 16 15 14 13 | 2,673 3 18 37 68 128 52 5 2 2 5 7 5 5 5 5 43 12 43 2,153 | 284 | | 1,209 | 3 13 4 2 3 2 1 2 1 | 247 | 2,720 | 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | 1,234 | 18 19 5 | 257 |

| | | | | | (| draft in feet |) | | | | | |
|--|---|---|--------------|-----------------|--------------------------------|---------------|---|---|---------------|----------------|--------------------|--|
| D==f4 | | Self P | ropelled Ves | ssels | Non-Self Ves | | | Self F | ropelled Vess | sels | Non-Self I Vess | |
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| BURNS W | ATERWA | HARBOR, | IN Inbour | nd | | | | | Outboun | d | | |
| Grand Total | 1,188 | 264 | | 411 | 485 | 28 | 1,232 | 268 | | 400 | 537 | 27 |
| FOREIGN | | | | | | | | | | | | |
| Total 27 26 25 24 23 22 21 20 19 | 119 34 16 5 10 14 15 6 10 4 | 34 16 5 10 14 15 6 10 4 | | 3 | 1 | | 119 15 6 3 6 10 32 19 18 7 | 15 6 3 6 10 32 19 18 7 2 | | | | |
| 17 16 15 | 3 1 | | = | 2 1 | 1 | _ | 1 | 1 | = | = | = | = |
| DOMESTIC | | | | | | " | | | | | | |
| Total 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 | 1,069 1 25 47 35 21 4 5 2 2 2 2 2 5 6 8 8 1 1 5 9 | 1 25 47 35 21 4 4 1 2 2 1 2 6 | | 408 | 1 1 2 4 4 1 | 28 | 1,113 —————————————————————————————————— | 20 10 4 1 30 1 4 1 36 19 13 5 2 | | 400 | 537 | 27 2 25 2,420 |
| CHICAGO (18 fee | HARBOR t and less | , IL | | | | | | | | | | |
| Grand Total | 564 | | Upbour | nd 74 | 42 | | 560 |) 448 | Downboun | d 70 | 42 | |
| MICHIGAN | I CITY HA | | _ | 74 | 42 | | 300 | 440 | _ | Total | trips: | 1,124 |
| BUFFINGT (27 fee | TON HARE | | | | | | | | | | | |
| Grand Total | 47 | 46 | Inbour —- | nd 1 | _ | _ | 46 | i 45 | Outboun —- | 1 | trips: | 93 |
| GARY HAI (31 fee | RBOR, IN t and less |) | Inbour | nd | | | | | Outboun | d | | |
| Total | 686 | 124 | _ | 237 | 325 | | 703 | 123 | | 246 Total | 334 trips: | 1,389 |

| - · · | | Self F | Propelled Ve | ssels | Non-Self F | Propelled sels | | Self P | ropelled Ve | ssels | Non-Self I | Propelled sels |
|--|--|---|-------------------|---|--------------------------|------------------------|---|---|-------------|--|--|-----------------------|
| Draft | Total D | Ory Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| TWO HAR | BORS (AGA | TE BAY), | MN Inbou | nd | | | | | Outbou | ınd | | |
| Grand Total | 265 | 202 | — <u>-</u> | 29 | 31 | 3 | 272 | 2 201 | — <u>-</u> | 35 | 36 | |
| FOREIGN | | | | | | | | | | | | |
| Total 27 25 24 23 22 21 20 | 19 1 1 4 7 1 4 1 | 16 1 1 4 4 1 4 | | | | 3 3 | 7 6 1 | 6 — | | | | |
| DOMESTIC | | | | | | | | | | | | |
| Total 311 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 | 246 47 28 3 8 8 17 48 58 13 1 12 3 | 186 — — — — 47 — 2 3 3 8 2 177 23 3 1 1 12 — | | 29 | 31 | | 265 28 24 133 977 588 2 4 29 1 | 28 9 1 6 90 56 2 2 —— 1 | | 35 3 3 29 Tota | 23 7 4 2 ————————————————————————————————— | |
| | UPERIOR H | ARBOR, | MN AND W Inbou | | | | | | Outbou | ınd | | |
| Grand Total | 1,030 | 955 | | 40 | 31 | 4 | 1,045 | 972 | | 38 | 28 | 7 |
| FOREIGN | 1 | | | | ı | | | ı | | | 1 | |
| Total 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 | 352 ———————————————————————————————————— | 319 — 2 2 8 35 5 89 67 38 50 16 3 2 4 4 1 — 2 2 2 | | 22 ——————————————————————————————————— | 10 | 1 | 360 24 253 33 8 8 4 1 1 7 7 5 2 1 1 1 1 | 22 244 32 3 8 8 3 4 1 1 — 3 1 | | 21 | 8 1 | 3 2 1 |
| DOMESTIC | | | | | | | | | | | | |
| Total 31 30 29 28 27 26 25 24 23 22 | 678 3 31 42 79 19 167 40 | 636 1 30 37 73 18 165 31 | | 18 4 4 | 2 1 1 6 | 3 | 685 10 1 2 74 264 96 34 19 29 | 10 —- 1 1 71 261 88 88 32 19 29 | | 17 1 4 4 | 1 1 3 2 4 2 — | 4 |

| | | Self P | ropelled Ves | ssels | Non-Self F | Propelled | | Self P | ropelled Ves | sels | Non-Self I | Propelled |
|---|---|---|---|---|---|-------------|--|--|-----------------------|-------------------|----------------------------|--------------------------------|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| DULUTH-SI | JPERIOR | HARBOR, N | IN AND WI | - continu | ied | · | | | | | | |
| DOMESTIC | | | Inbou | nd | | | | | Outboun | ıd | | |
| 21 | 18 | | | | 2 | | 25 | | | _ | | |
| 20 19 18 | 31 148 40 | 148 | | 7 —- 1 | | _ | 11 54 19 | 54 | | 4 —- 1 | | _ |
| 17 16 | 4 29 | 4 | _ | | _ | _ | 1 4 | 1 4 | | | _ | |
| 15 14 12 | 4 23 | | _ | 1 1 | | 2 1 | 1 1 24 | | | 1 2 | — — 5 | 4 |
| 121 | 23 | 20 | | ' | , , | 1 | 24 | 13 | | | l trips: | 2,075 |
| TACONITE | HARBOR | R, MN | | | | | | | | | | |
| Grand | | | Inbou | nd | | | 40 | | Outboun | ıd | | |
| Total DOMESTIC | 40 | 40 | | | _ | | 42 | 42 | | | | |
| Total 28 | 40 3 | | | | | | 42 10 | | | | | |
| 27 26 | 5 4 | 5 4 | _ | _ | | _ | 21 —- | 21 —- | | _ | _ | _ |
| 23 18 | 24 4 | | _ | = | | _ | 11 —- | 11 — | _ | Total | trips: | 82 |
| | | | | | | | | | | Total | i trips. | 02 |
| PRESQUE | ISLE HAI | RBOR, MI | Inbou | nd | | | | | Outboun | nd | | |
| Grand Total | 426 | 351 | _ | 31 | 44 | | 422 | 356 | | | | |
| FOREIGN | | | | | | | 433 | 330 | | 33 | 43 | 1 |
| Total | | | | | | | 433 | 330 | | 33 | 43 | 1 |
| 28 | 207 | 203 | _ | 2 | 2 | _ | 166 | 162 6 | _ | 2 | ı | 1 1 1 |
| 27 26 | = | = | | | 2 ———————————————————————————————————— | = | 166 | 1 62 6 13 | = | | ı | 1 |
| 27 26 25 24 23 | 2 29 11 | 2 29 11 | _ | | | | 166 7 13 1 | 162 6 13 1 — | _ _ _ _ _ | | 1 — — — | 1 |
| 27 26 25 24 23 22 21 20 | 2 29 | 2 29 11 94 47 | | = | | | 166 7 13 1 —- 103 | 162 6 13 1 — | | | 1 | 1 |
| 27 26 25 24 23 22 21 20 19 | | 29 11 94 47 12 6 | | | | | 166 7 13 1 — 103 40 —— | 162 6 13 1 103 39 | | 2 | 1 1 | 1 |
| 27 26 25 24 23 22 21 20 19 | | 29 11 94 47 12 6 | | ======================================= | | | 1666 77 133 1 —————————————————————————————— | 162 6 13 1 103 39 | —— —— —— | 2 | 1 1 | 1 |
| 27 26 25 24 23 22 21 20 19 18 15 | 29 11 94 47 12 6 3 3 | 2 29 11 94 47 12 6 2 | | | | | 1666 7 133 103 400 | 162 6 13 1 103 39 | —— —— —— | 2 | 1 | 1 1 |
| 27 26 25 24 23 22 21 20 19 18 15 DOMESTIC Total 30 29 28 | 29 11 94 47 12 6 3 3 219 — | 2 29 11 94 47 12 6 2 — | = | | | | 1666 7 133 1 ——————————————————————————————— | 162 6 13 1 103 39 194 26 | —— —— —— | 2 | 1 | 1 1 |
| 27 26 25 24 23 22 21 20 19 18 15 DOMESTIC Total 30 29 28 | 219 111 122 63 33 3 | 2 29 11 94 47 12 6 2 — | = | | | | 1666 7 13 1 1 — 1033 400 — — 2 2 — 267 3 1 266 1056 68 | 162 6 13 1 103 39 194 26 | —— —— —— | 2 | 1 | 1 1 |
| 27 26 25 24 23 22 21 20 19 18 15 DOMESTIC Total 30 29 28 | 219 111 126 63 33 33 219 31 17 22 4 7 | 2 29 11 94 47 12 6 2 — | = | | | | 1666 7 13 1 1 1 1 103 40 | 162 6 13 1 103 39 194 26 | | 2 | 1 | 1 1 |
| 27 26 25 24 23 22 21 20 19 18 15 DOMESTIC Total 30 29 28 | 219 111 126 33 33 219 3 317 222 44 77 211 100 84 | 2 29 11 94 47 12 6 2 | | | 42 | | 1666 7 133 400 | 162 6 13 1 103 39 | | 2 | 1 | 1 1 |
| 27 26 25 24 23 22 21 20 19 18 15 DOMESTIC | 219 | 2 29 111 94 47 12 6 2 2 3 3 14 4 7 7 21 2 2 3 20 68 | = | | 42 | | 1666 7 13 1 1 1 1 103 40 | 162 6 13 1 103 39 | —— —— —— | 2 | 1 | 1 |

| | | Self P | ropelled Vess | sels | Non-Self F | Propelled | | Self P | ropelled Ves | ssels | Non-Self I | |
|---|--|---|---------------|--|--|-----------|---|---|--------------|--|--|------------|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| MARQUET | TE HARBO | OR, MI | | | | | | | | | | |
| Grand | | , | Inboun | d | | | | | Outbou | nd | | |
| Total | 63 | 32 | | 13 | 18 | | 55 | 28 | | 10 | 17 | |
| FOREIGN | • | | | | I | II | • | | | | 1 | |
| Total 24 23 22 21 19 | 9 6 1 2 | 9 —- 6 1 2 —- | | | —————————————————————————————————————— | | 2 1 1 | 2 1 1 | = | | —————————————————————————————————————— | = |
| DOMESTIC | | | | | | | | | | | | |
| Total 28 26 25 24 23 22 21 19 18 17 12 | 54 | 23 ———————————————————————————————————— | | 13 ———————————————————————————————————— | 18 — — — 1 — 15 — — — 2 | | 53 1 9 1 1 17 11 11 2 | 26 — 1 — 1 — 1 — 11 11 2 — | | 10 8 2 Tota | 1 1 — | |
| DRUMMON | ID ISLAND |), MI | Inboun | d | | | | | Outbou | nd | | |
| Grand Total | 20,399 | 20,386 | | 2 | 11 | | 20,402 | 20,389 | | 2 | 11 | |
| FOREIGN | | | | | | | | | | | | |
| Total 26 25 24 23 22 21 20 19 18 | 19 3 7 4 2 2 1 | 19 | | | —————————————————————————————————————— | | 13 2 1 5 4 1 | 13 2 1 5 4 — — 1 — | | | | |
| DOMESTIC | | | | | | | | | | | | |
| Total 26 25 24 23 22 21 20 19 18 17 16 12 | 20,380 2 4 17 21 14 20,322 | 20,367 1 17 19 10 20,320 | | 2 2 | 11 — — — 3 — — — 2 4 — — 2 | | 20,389 — 9 9 37 9 2 1 — - 2 20,320 | 20,376 — 9 8 32 4 2 1 — 20,320 | | 2 | 1 5 | 40,801 |
| ST. MARY | S RIVER, I | MI | Upboun | d | | | | | Downbou | nd | | |
| Grand Total | 67,403 | 66,963 | 1 | a 211 | 215 | 13 | 65,618 | 65,207 | —- | 202 | 199 | 10 |
| FOREIGN | | | | | | | | | | | | |
| Total 28 | 1,221 1 | 979 —- | 1 1 | 130 | 101 | 10 | 1,015 34 | 784 31 | _ | 121 —- | 104 | 6 3 |

| | | Self P | ropelled Ve | ssels | Non-Self | | <u>'</u> | Self F | Propelled Ve | ssels | Non-Self | |
|--|---|--|--------------------|---|---|---|--|---|--------------|--|--|---|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| ST. MARYS | RIVER, M | II - continu | ed Upbou | | | " | | | Downbou | | 1 | |
| FOREIGN | | | | | | | | | | | | |
| 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 | 10 36 50 165 172 224 164 137 44 50 18 51 68 10 2 | 10 36 48 160 165 223 163 89 35 37 1 — — 2 5 | | | 3 3 3 7 3 5 61 9 | | 338 113 35 133 83 62 36 77 13 20 8 45 2 | 8 94 30 8 129 75 2 45 22 19 6 4 8 2 2 1 19 6 1 2 1 | | | 15 4 1 1 | 1 |
| DOMESTIC | | 65 084 | | 94 | 114 | 2 | 64 603 | 64 423 | | 01 | 05 | 4 |
| Total 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 | 66,182 3 26 92 118 38 219 45 84 4221 182 38 40 4 4 64,979 | 65,984 1 26 84 88 34 209 37 50 221 151 34 38 4 1 64,967 | | 81 | 30 30 39 27 6 3 3 18 4 2 | 3 | 64,603 38 33 27 118 504 297 48 19 31 14 4 49 37 31 1 2 — 1 63,389 | 38 9 9 7 240 3 36 3 36 3 36 3 36 3 36 3 36 3 36 3 | | 81 6 27 4 9 311 1 2 Tota | 4 25 14 13 30 8 | 4 4 133,021 |
| ST. MARY | S FALLS C | CANAL, MI | AND SAUL | | ARIE, ONTA | RIO SHIP (| CANAL, C | N (INCLUDE | ED IN ST. N | MARYS RI | VER) | |
| Grand Total FOREIGN | 1,962 | 1,591 | 1 | 180 | 180 | 10 | 1,979 | 1,610 | | 180 | 180 | 9 |
| Total 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 | 853 1 9 16 47 132 109 161 115 86 16 14 15 50 65 10 25 | 659 9 16 45 132 105 161 115 46 6 11 — 2 4 | 1 1 | 1011 —————————————————————————————————— | 1 2 3 3 5 61 9 | 7 ———————————————————————————————————— | 756 31 307 63 8 121 66 16 12 56 3 3 13 6 45 2 2 | 28 291 3 44 8 3 117 60 5 4 2 6 8 1 7 2 1 7 2 1 7 3 1 8 7 1 8 8 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 | | 999 —————————————————————————————————— | 15 19 | 5 3 1 |
| DOMESTIC Total | 1,109 | 932 | | 79 | 95 | 3 | 1.223 | 1.043 | | 81 | 95 | 4 |
| Total 31 30 | — — | | _ | _ | —————————————————————————————————————— | | 1,223 38 13 | 1,043 38 9 | = | | 4 | |

| D# | | Self F | ropelled Ves | ssels | Non-Self P Vess | ropelled els | | Self P | ropelled Ve | ssels | Non-Self F Vess | Propelled |
|--|--|--|----------------------|------------------------|---|--|---|---|-----------------------|---|---|--|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| ST. MARYS | FALLS C | ANAL, MI A | AND SAULT Upbou | STE. MAR nd | IE, ONTAR | IO SHIP C | ANAL, CN | I (INCLUDE | D IN ST. M Downbou | ARYS RIVE | R) - contin | ued |
| DOMESTIC | | | | | | | | | | | | |
| 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 | 3 266 90 1111 300 189 80 43 83 204 161 24 38 4 4 | 1 26 84 81 26 184 35 49 204 132 24 38 4 1 | | | 2 30 3 4 23 6 3 16 8 | | 27 118 504 297 48 19 31 14 4 49 37 11 1 2 — 1 9 | 104 485 240 36 19 31 5 4 18 37 10 2 — | | | 25 14 13 30 8 1 | |
| GRAYS RE | EEF PASS | AGE, MI | Upbou | nd | | | | | Downbou | und | | |
| Grand Total | 1,137 | 692 | | 204 | 143 | 98 | 881 | 426 | | 226 | 132 | 97 |
| FOREIGN | | | | | | | | | | | | |
| Total 24 23 22 21 20 18 12 | 29 24 1 1 1 2 | 28 24 1 1 1 | —— —— —— —— | 1 1 | = | | 8 2 1 1 2 1 1 —- | 2 1 1 2 2 | = | | | = = = = = = |
| DOMESTIC | | | | | | | | | | | | |
| Total 25 24 23 22 21 20 19 18 17 16 15 14 | 1,108 54 27 109 38 71 84 212 114 73 130 69 23 19 85 | 664 30 18 107 25 70 58 205 65 38 29 16 1 | | 203 | 143 24 5 2 7 ————————————————————————————————— | 98 1 20 17 36 2 5 2 15 | 873 822 73 1244 78 38 52 52 39 42 32 32 12 26 170 | 81 49 87 61 33 26 19 25 24 6 | | 226 8 14 7 22 5 3 51 16 3 22 75 Total 1 | 132 1 16 23 10 5 4 15 8 2 2 2 — 6 4 36 | 97 5 4 3 25 1 2 57 2,018 |
| CHARLEV | OIX HARB | OR, MI | Inbou | nd | | | | | Outbou | ınd | | |
| Grand Total | 572 | 445 | — - | 64 | 63 | | 577 | 449 | | 63 | 65 | |
| FOREIGN | | | | | | | | | | | | |
| Total 23 21 20 18 | 5 1 2 1 | 5 1 2 1 1 | = | | | | | —————————————————————————————————————— | | | = | |

| | | | | | Non-Self I | Propolled |) | | | | Non-Self I | Propolled |
|-------------------------|----------------|--------------|-------------|---------------|------------|-----------|---------------|-----------|----------------|---------------|------------|--------------|
| Draft | | | ropelled Ve | | Vess | | | | ropelled Ve | | Vess | |
| | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| CHARLEVO | IX HARB | OR, MI - cor | | un al | | | | | Outhou | un al | | |
| DOMESTIC | | | Inbou | iriu | | | | | Outboo | una | | |
| Total | 567 | 440 | | 64 | 63 | | 577 | 449 | | 63 | 65 | |
| 22 21 | 3 | 3 | _ | | | _ | 19 | 6 | | | — 6 | |
| 20 | 9 | 9 | | _ | _ | _ | 62 | 9 | | _ | 53 2 | _ |
| 18 17 | 29 | | _ | 29 —- | | _ | 28 | 3 | | 28 —- | | _ |
| 16 15 | 37 | 37 | | _ | | _ | 27 1 | | | _ | | _ |
| 14 13 | 1 65 | 2 | _ | 1 | 63 | _ | 2 2 | 2 | _ | _1 | 2 | _ |
| 9 | 34 377 | 377 | _ | 34 —- | | _ | 34 378 | 378 | _ | 34 —- | | _ |
| 7 | 1 | 1 | _ | | | | | | | Tota | I trips: | 1,149 |
| | | | | | | | | | | | | |
| MANISTEE | HARBO | R, MI | Inbou | ınd | | | | | Outboo | ınd | | |
| Grand Total | 46 | 40 | | 1 | 5 | _ | 51 | I 44 | — - | 2 | 5 | |
| FOREIGN | | | | | | | | | | | | |
| Total 25 | 11 1 | | _ | 1 | | | 14 | 12 | _ | 2 | <u> </u> | _ |
| 24 22 | 7 | | \equiv | = | | | | , 7 | _ | Ξ | | |
| 21 20 | 1 | | _ | = | _ | _ | | | _ | _ | _ | |
| 18 14 | 1 | | _ | — 1 | | _ | 2 | 22 | _ | <u> </u> | | _ |
| 12 | _ | | | _ | | | 2 | 2 1 | | 1 | | _ |
| DOMESTIC | | ı | | | ı | | | 1 | | | ı | |
| Total 22 | 35 | 5 | | = | 5 | _ | 37 —- | 32 | | = | 5 — | _ |
| 21 20 | 7 12 | 10 | | _ | 2 | | | | | _ | | |
| 19 18 17 | 5 5 1 | 4 | _ | = | 1 | _ | 6 12 14 | 10 | | = | 2 3 | = |
| 15 | ' | ' | _ | _ | | | 5 | | _ | | l trips: | 97 |
| | | | | | | | | | | Tota | i tripo. | 31 |
| LUDINGTO | N HARBO | OR, MI | | | | | | | | | | |
| Grand | | | Inbou | | _ | _ | | | Outboo | | _ | |
| Total | 422 | 259 | 1 | 92 | 14 | 56 | 424 | 257 | 1 | 91 | 14 | 61 |
| FOREIGN | | 1 - | | | .1 - | 1 | l | .1 – | | | .1 - | |
| Total 26 25 24 23 21 20 | 46 | 6 | 1 | 19 —- | | 16 —- | 45 —- | | 1 | 19 —- | | 17 —- |
| 24 | | 1 | _ | = | _' | _ | 1 2 | 1 | _ | = | | |
| 21 | | | 1 | 1 | | _ | 1 | | 1 | 1 | | |
| 19 | 1 | | | | | _ | 2 2 3 | 1 1 3 | = | | | _ |
| 19 18 17 15 | 14 16 | | _ | 16 | | 14 —- | 15 18 | 5 | _ | 17 | _ | 15 1 1 |
| 12 | 3 | | | 1 | | 2 | 1 | | | | | 1 |

| 5.6 | | Self P | ropelled Ve | ssels | Non-Self I | Propelled sels | <u> </u> | Self P | ropelled Ve | ssels | Non-Self F | Propelled sels |
|---|---|----------------------------------|--------------------------------------|----------------------------|------------|----------------|---|---|-------------|--|---|--|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| LUDINGTO | N HARBOR | R, MI - cont | t inued Inbou | nd | | | | | Outbou | ınd | | |
| DOMESTIC | | | | | | | | | | | | |
| Total 25 24 23 22 21 20 19 18 17 16 15 14 13 | 376 2 4 1 1 1 250 5 10 8 94 | 251 | | 73 | 2 | 40 | 379 2 2 1 1 1 1 244 4 6 11 2 3 9 73 | 2 1 1 1 244 | | 72 3 9 8 52 Tota | 2 1 8 | 44 6 11 2 6 1 1 18 846 |
| MUSKEGO | N HARBO | R, MI | Inbou | nd | | | | | Outbou | ınd | | |
| Grand Total | 164 | 117 | | 21 | 23 | 3 | 156 | 112 | | 18 | 25 | 1 |
| FOREIGN | | | | | | | | | | | | |
| Total 26 25 24 23 22 21 19 18 16 12 | 16 3 4 6 1 1 — — 1 — | 16 3 4 6 1 1 — | - - - - - - - - | | | | 18 — — — — — — — — — — — — — — — — — — — | 12 1 1 1 1 | | 1 1 | | |
| DOMESTIC | | | | | | | | | | | | |
| Total 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 | 148 — 10 21 20 17 8 7 7 10 12 — — 13 4 1 14 | 101 | | 21 — — — — — — 8 4 — — 4 5 | | 3 | 138 1 1 1 8 6 6 2 8 7 15 13 11 19 8 5 4 | 1 1 7 4 5 2 8 7 14 5 10 11 4 4 4 4 | | 17 8 2 4 3 Tota | 1 2 1 1 1 1 1 3 7 2 4 | 1 |
| GRAND HA | AVEN HAR | BOR AND | GRAND RIN Upbou | | | | | | Downbou | ınd | | |
| Grand Total | 157 | 99 | _ | 24 | 34 | _ | 157 | 98 | _ | 26 | 33 | _ |
| FOREIGN | 20 | 00 | | | I | II | 6.4 | 04 | | | I | |
| Total 25 24 23 | 29 1 7 1 | 29 1 7 1 | = | | | | 31 | 31 —- —- | | | | |

| 5.6 | | Self Pr | opelled Ves | ssels | Non-Self I | Propelled sels | <u>'</u> | Self F | Propelled Ve | ssels | Non-Self I | Propelled sels |
|---|--|--|---|----------------------------------|--|----------------|-------------------------------|--|---|---|--------------------|----------------|
| Draft | Total [| Ory Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| GRAND HA | VEN HARB | OR AND G | RAND RIVI Upbou | ER, MI - co | ontinued | | | | Downbou | ınd | | |
| FOREIGN | | | | | | | | | | | | |
| 22 21 20 19 18 17 | 9 7 2 2 — | 9 7 2 2 —- | | | | | | 2 12 1 1 4 4 5 5 5 8 1 1 | | | | |
| DOMESTIC | | | | | | | | | | | | |
| Total 25 24 22 21 20 19 18 17 16 15 14 13 | 128 1 2 6 24 25 13 13 13 10 1 — | 70 | | 24 | 34 1 1 5 14 12 1 | | 11 24 | | | 26 | | |
| HOLLAND | HARBOR, I | ИІ | Inbou | ad | | | | | Outbou | und | | |
| Grand Total | 81 | 44 | | 18 | 19 | | 79 | 9 44 | — <u>-</u> | ліц 18 | 17 | |
| FOREIGN | | | | | | | | | | | | |
| Total 23 20 19 | 2 1 1 | | <u>-</u> | 1 1 | 1 1 | | 2 | 6 2 1 — 2 2 — 2 1 — — | | 3 1 2 | 1 —- —- | |
| DOMESTIC | | | | | | | | | | | | |
| Total 24 22 21 20 19 18 17 16 15 14 13 | 79 2 1 9 15 20 — 1 4 1 1 1 17 8 | 44 2 1 9 15 6 1 1 1 8 | | 17 | 18 14 3 1 | | 14 | 1 1 — 5 5 7 7 7 5 4 9 9 4 13 2 2 2 — 4 — 4 | | 15 ———————————————————————————————————— | | |
| | PH HARBOR | R, MI | Upbou | nd | | | | | Downbou | ınd | | |
| Grand Total DOMESTIC | 81 | 51 | _ | 17 | 13 | _ | 74 | 4 48 | _ | 15 | 11 | _ |
| Total 21 20 19 18 17 16 15 | 81 1 8 10 18 11 13 2 | 51 1 3 7 14 7 1 2 | ======================================= | 17 — 3 1 2 2 7 | 13 — 2 2 2 2 2 5 | | 74 8 6 5 23 14 | 1 1 3 6 6 6 5 5 3 22 | ======================================= | 15 — 1 — — 1 7 4 | 1 4 | |

| Dest | | Self P | ropelled Ves | sels | Non-Self Ves | Propelled sels | | Self P | ropelled Ve | ssels | Non-Self I | Propelled sels |
|--|--|---|------------------------|---|--|--|---|--|-------------|---|------------|---|
| Draft | Total D | ry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| ST. JOSEPI | H HARBOR, | MI - cont | inued Upbour | nd | | | | | Downbou | ınd | | |
| DOMESTIC | | | | | | | | | | | | |
| 14 12 | 1 17 | 1 15 | | 2 | = | = | 4 | | | 2 Total | trips: | 155 |
| CHEBOYG | AN HARBOR | R, MI | Inbour | nd | | | | | Outbou | ınd | | |
| Grand Total | 1,052 | 899 | | 76 | 32 | 45 | 1,046 | 895 | | 72 | 42 | 37 |
| FOREIGN | | | | | | | | | | | | |
| Total 16 15 13 | | | | | —————————————————————————————————————— | _ | 6 2 2 1 1 | = | | 3 2 1 | = | 3 2 1 |
| DOMESTIC | | | | | | | | | | | | |
| Total 21 18 17 16 15 9 8 7 6 5 3 2 1 | 1,052 2 2 6 6 62 8 2 2 2 4 922 1 7 31 3 | 899 2 893 4 | | 766 — — — — 322 8 8 2 2 — 4 299 1 — — — — | 32 | 45 -2 6 30 - | 1,040 ——————————————————————————————————— | 1 1 1 893 | | 69 ———————————————————————————————————— | | 34 26 2 6 2,098 |
| MILWAUKE | EE HARBOR | , WI | Inbour | nd | | | | | Outbou | ınd | | |
| Grand Total | 820 | 234 | | 329 | 227 | 30 | 845 | 234 | | 333 | 247 | 31 |
| FOREIGN | | | | | | | | | | | | |
| Total 27 26 25 24 23 22 21 20 19 18 17 16 15 12 DOMESTIC | 119 21 32 3 7 6 13 15 11 6 — 3 — | 105 21 27 3 5 6 13 15 4 6 — 3 — | | 7 | 7 | | 126 10 7 7 17 5 24 13 23 7 2 6 1 1 | 10 7 7 17 5 24 13 14 4 2 6 | | 8 1 | | |
| | 701 | 129 | | 322 | 220 | 30 | 719 | 123 | | 325 | 240 | 31 |
| Total 25 24 23 22 21 20 19 18 | 43 79 17 6 19 12 17 | 27 52 11 6 2 2 1 | | 3 4 4 | 10 15 4 — 14 5 | | 1 1 1 5 8 4 12 54 | 1 1 1 5 7 1 9 | | | | |

| Doot | | Self F | ropelled Ves | ssels | Non-Self Ves | Propelled sels | | Self P | ropelled Ve | ssels | Non-Self F | |
|---|---|--|-------------------------|-----------------------------|-----------------|----------------------|--|-------------------------------|---|---|--------------|-------------|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| MILWAUKE | E HARBO | R, WI - con | itinued Inbou | nd | | | | | Outbou | nd | | |
| DOMESTIC | | | | | | | | | | | | |
| 16 15 14 13 12 | 59 21 1 29 387 | 19 — — — 5 | | 22 17 —- 29 219 | 2 1 — | 11 2 5 | 72 21 2 43 476 | 2 - 1 | ======================================= | 23 16 —- 32 236 Total | 3 2 10 | 31 1,665 |
| MANITOW | OC HARB | OR, WI | Inbou | nd | | | | | Outbou | nd | | |
| Grand Total | 604 | 262 | _ | 145 | 197 | | 585 | 5 262 | | 134 | 189 | _ |
| DOMESTIC | | | | | | | | | | | | |
| Total 23 22 21 20 19 18 17 16 15 14 13 12 | 604 1 1 4 22 245 12 —- 11 4 —- 16 288 | 262 1 1 4 1 244 11 | | 145 | 21 1 | | 585 ——————————————————————————————————— | 5 5 5 245 | | 134 | | 1,189 |
| | | | | | | | | | | | | |
| GREEN BA | AY HARBO | OR, WI | Upbou | nd | | | | | Downbou | nd | | |
| Grand Total | AY HARBO | | Upbou 2 | nd 28 | 24 | 5 | 224 | l 175 | Downbou 1 | nd 22 | 21 | 5 |
| Grand Total FOREIGN Total 26 25 24 23 22 21 20 19 15 12 | 245 34 1 1 1 37 7 2 2 1 | | • | | 24 | 5 | 224 34 4 2 14 8 3 1 2 | 32 — 4 2 2 14 8 3 3 — — | | | | 5 |
| Grand Total FOREIGN Total 26 25 24 23 22 21 20 19 15 | 245 34 1 1 1 37 7 2 2 1 | 186 32 1 1 13 7 7 7 | 2 | | | | 34 | 32 — — 4 2 14 8 8 3 — — 1 | 1 | 1 | | |

| | | | Self P | ropelled Ves | ssels | Non-Self I | Propelled | <u>'</u> | Self P | ropelled Ve | ssels | Non-Self Ves | Propelled |
|------------------|-------------|-------------|----------------|--------------|----------------|-------------|-----------|------------------|-----------|-------------|----------------|--------------|-------------|
| Draft | Total | Dry | Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| ALPENA H | HARBOR, | МІ | | | | | | | | | | | |
| Grand | | | | Inbou | | | | | | Outbou | | | |
| Total | 32 | 9 | 217 | | 55 | 57 | | 369 | 227 | | 78 | 64 | _ |
| FOREIGN Total | | 3 | 43 | | | ſ | ı | 41 | 39 | | 1 | 1 4 | |
| 24 23 | _ | 3 - 3 | 3 | = | _ | | = | 4 5 | 4 5 | = | _' | 1 | = |
| 22 21 | | 4 | 12 4 | _ | _ | | = | 4 | 2 | _ | 1 | | _ |
| 20 19 | | 0 4 | 10 4 | | _ | | _ | 11 | 3 | | _ | | |
| 18 16 | | 5 5 | 5 5 | _ | _ | | _ | 12 —- | 2 11 | | _ | 1 | _ |
| DOMESTIC | : | | | | | | | | | | | | |
| Total 24 | 28 — | - | 174 | _ | 55 —- | 57 —- | _ | 328 51 | 29 | _ | 77 8 | 14 | _ |
| 23 22 | 1 2 | 2 | 13 22 | _ | _ | _ | | 97 42 23 | 28 | _ | 17 4 | 10 | |
| 21 20 19 | 2 4 2 | 5 | 29 45 24 | _ | | — — 1 | _ | 23 15 8 | 13 | = | 1 1 1 | 1 | = |
| 18 17 | | 6 | 1 | _ | 2 2 | 3 | = | 8 24 | 3 4 | = | 1 3 | 3 | = |
| 16 15 | 6 7 | 0 | 13 22 | | 27 22 | 20 | | 42 13 | 2 3 | _ | 35 6 | 4 | _ |
| 14 12 | | 1 4 | 1 3 | | _ | 1 | | 1 4 | | _ | | | |
| | | | | | | | | | | | lota | l trips: | 698 |
| MENOMIN | EE HARE | BOR A | ND RIV | ER, MI AN | D WI | | | | | | | | |
| Grand Total | 4 | 7 | 38 | Inbou | nd 4 | 5 | | 48 | 3 39 | Outbou | ınd 4 | 5 | |
| FOREIGN | | | | | | | | | | | | | |
| Total | | 6 | 36 | | | - | | 37 | 37 | | | | |
| 26 24 23 | | 1 8 7 | 1 8 7 | = | | | _ | 1 2 | | _ | | | |
| 22 21 | | 7 8 | 7 8 | = | = | _ | | 9 | 9 | | = | _ | |
| 20 19 | | 4 | _4 | _ | _ | | | 15 1 | 15 | _ | = | _ | |
| 17 16 | _ | 1 | 1 | | _ | | _ | 2 1 | 2 2 | _ | = | | |
| DOMESTIC | : | | | | | | | | | | | | |
| Total 21 | 1 | 1 | 2 1 | _ | _4 | 5 | _ | 11 — | 2 | _ | 4 | 5 | _ |
| 20 19 | | 1 3 | _ i | | _ | 3 | | _ | | _ | _ | _ | _ |
| 18 17 | | - 1 | _ | _ | _ | | = | 2 1 | | = | _ | | _ |
| 16 14 | _ | 1 | _ | | | 1 | = | —- 4 | | | _ | 4 | |
| 13 | | 4 | | | 4 | · — | —- II | 4 | | | 4 Tota | l trips: | 95 |
| SAGINAW | DIVER | мі | | | | | | | | | | | |
| Grand | INIVER, | 1711 | | Upbou | nd | | | | | Downbou | ınd | | |
| Total | 40 | 5 | 188 | | 93 | 77 | 47 | 486 | 207 | | 122 | 106 | 51 |
| FOREIGN | ı | | | | | ı | п | | 1 | | | 1 | |
| Total 26 | 11 — | | 82 —- | _ | 13 —- | 6 | 9 | 96 | 82 4 | _ | 6 | 4 | 4 |

| 5 " | | Self P | ropelled Ves | ssels | Non-Self I | | | Self P | ropelled Ve | ssels | Non-Self F | Propelled sels |
|--|--|---|--------------|--|---|--------|--|---|-------------|---------------|---|--|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| SAGINAW | RIVER, M | - continued | l Upbou | nd | | | | | Downbou | ınd | | |
| FOREIGN | | | | | | | | | | | | |
| 25 24 23 22 21 20 19 18 17 16 15 14 | 2 1 31 9 11 8 19 2 10 1 1 3 1 12 | 1 31 8 10 8 18 11 ————————————————————————— | | | 1 1 1 3 | | 8 18 9 29 8 10 2 3 3 3 | 18 9 28 7 6 | | | 1 | |
| DOMESTIC | 295 | 106 | | 80 | 71 | 38 | 390 | 125 | | 116 | 102 | 47 |
| Total 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 | 293 | 1 — — — — — — — — — — — — — — — — — — — | | 9 12 5 3 1 4 4 2 7 | 15 9 1 12 12 4 2 6 | | 21 26 69 39 29 15 34 27 41 25 14 7 30 | 16 10 27 13 10 16 19 3 1 | | 166 | 5 10 36 8 10 4 3 6 2 8 4 1 | |
| ST. CLAIR | RIVER, I | ЛІ | Upbou | nd | | | | | Downbou | ınd | | |
| Grand Total | 3,800 | 2,660 | 28 | 511 | 432 | 169 | 3,554 | 2,393 | 19 | 520 | 451 | 171 |
| FOREIGN Total | 2,302 | 1,653 | 28 | 309 | 211 | 101 | 1,971 | 1,248 | 19 | 338 | 246 | 120 |
| 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 | 22 181 58 93 277 333 215 207 224 70 62 34 130 153 38 10 | 21 181 58 88 275 326 213 200 168 53 41 8 —- 2 6 | 1 | | 8 8 11 60 17 | | 2 344 3766 178 98 109 1466 158 76 135 47 72 37 171 1102 30 190 | 2 31 360 164 93 103 139 144 59 70 22 17 9 3 4 | | | 18 8 29 18 10 12 4 | 3 1 11 8 7 25 14 4 2 45 |
| DOMESTIC Total | 1,498 | 1,007 | | 202 | 221 | 68 | 1,583 | 1 145 | | 182 | 205 | 51 |
| 31 30 29 28 27 26 25 | 1,430 1 1 4 13 61 52 | | | 232 23 13 | 1 2 5 | | 1,363 10 8 10 69 342 334 181 | 10 4 —- 59 329 246 | | | 4 10 10 10 10 61 | |

| | | Self P | ropelled Ve | ssels | Non-Self F | Propelled | | Self P | ropelled Ves | ssels | Non-Self I | Propelled |
|--|--|---|------------------------------------|--|--|-----------|--|---|------------------------------------|---|--|--|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| ST. CLAIR | | - continue | d Upbou | nd | | | | | Downbou | nd | | |
| DOMESTIC | | 1 20 | | 6 | 10 | ı | 404 | 70 | | 25 |] 24 | |
| 24 23 22 21 20 19 18 17 16 15 14 13 | 36 133 112 78 73 261 256 137 72 45 7 11 | 20 127 64 57 52 248 162 125 52 19 1 | | 6 1 24 8 12 1 34 —- 13 17 17 42 | 5 24 13 5 6 54 8 3 8 2 4 | | 134 102 72 27 55 60 25 10 23 17 4 9 | 85 41 24 42 54 14 5 6 2 | | 25 6 24 1 10 —- 4 1 13 1 7 42 Tota | 11 7 2 3 5 6 2 1 1 1 2 | 1 1 1 2 5 1 1 1 2 38 7,354 |
| MARYSVIL | LE, MI | | Inbou | nd | | | | | Outbou | nd | | |
| Grand Total | 126 | 38 | 1 | 39 | 40 | 8 | 111 | 41 | 1 | 30 | 30 | 9 |
| FOREIGN | | | | | | | | | | | | |
| Total 28 27 26 25 24 23 22 21 20 19 18 17 16 15 12 | 73 2 77 5 2 1 1 2 8 7 31 | 20 2 7 7 3 ——————————————————————————————— | 1 1 | 26 | | 6 | 65 | 2 4 2 2 9 3 2 | 1 1 | 20 | 1 | 7 |
| DOMESTIC Total | 53 | 18 | | 13 | 20 | 2 | 46 | 17 | | 10 | 17 | 2 |
| 27 26 25 24 23 22 21 20 19 18 17 15 14 | 2 9 8 8 6 9 1 1 2 1 — | 2 1 3 4 5 | | 3 2 2 1 2 1 2 1 | 2 4 5 3 1 2 1 1 1 | | 33 22 ————————————————————————————————— | | | | 1 1 3 | |
| ST. CLAIR | ., MI | | Inbou | nd | | | | | Outbou | nd | | |
| Grand Total | 136 | 90 | | 23 | | 23 | 131 | 85 | | 23 | | 23 |
| DOMESTIC Total | 136 | 90 | | 23 | - | 23 | 131 | 85 | | 23 | _ | 23 |
| 28 27 26 | 9 50 5 | 9 50 5 | = | | | | 5 13 1 | 5 13 1 | = | = | = | |

| D# | | Self P | ropelled Ves | ssels | Non-Self Ves | Propelled sels | | Self P | ropelled Ve | ssels | Non-Self F | Propelled sels |
|--|--|--|--|---------------|--|----------------|---|---|--|---|--|----------------|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| ST. CLAIR, | , MI - contir | nued | Inbou | nd | | | | | Outbou | ınd | | |
| DOMESTIC | | | | | 1 | | | 1 | | | | |
| 25 24 23 22 21 20 19 16 12 | 23 1 - 1 1 46 | 23 1 1 1 | | | | | 1 8 24 — 2 13 2 62 | 8 24 — 2 13 2 | = | | | |
| MARINE C | CITY, MI | | Inbou | nd | | | | | Outbou | ınd | | |
| Grand Total | 132 | 71 | | 25 | 36 | _ | 133 | 70 | | 26 | 37 | _ |
| FOREIGN | | | | | | | | | | | | |
| Total 27 26 25 24 23 20 19 | 7 5 1 1 ———————————————————————————————— | 7 5 1 1 | | | | | 6 1 2 1 1 1 | 1 2 1 1 | | —————————————————————————————————————— | | |
| DOMESTIC | ; | | | | | | | | | | | |
| Total 28 27 26 25 24 23 22 21 19 18 17 16 | 125 15 366 9 18 31 3 1 6 2 2 1 — | 64 15 366 4 4 1 1 1 | | 25 | | | 127 ———————————————————————————————————— | 56 1 2 4 | | 26 — — 3 5 1 — — 2 — 15 — — Total | 1 6 1 3 2 | |
| | S IN LAKE | ST. CLAIR | l Upboui | nd | | | | | Downbou | ınd | | |
| Grand Total FOREIGN | 2,791 | 2,039 | 13 | 335 | 300 | 104 | 2,796 | 2,034 | 9 | 343 | 316 | 94 |
| Total 29 28 27 26 25 24 23 22 21 20 19 18 17 16 | 119 48 46 197 220 174 140 177 47 33 18 | 1,160 ———————————————————————————————————— | 13 ———————————————————————————————————— | 165 | 1 2 2 1 1 5 3 6 | 36 | 1,421 2 32 362 145 47 93 87 71 121 33 47 28 93 42 | 2 29 346 131 45 91 80 135 57 67 22 15 9 | 9 3 1 1 1 2 | 179 ———————————————————————————————————— | 15 14 2 2 7 12 10 16 3 16 | 44 |

| 5 " | | Self Pi | ropelled Ves | sels | Non-Self F | Propelled | | Self P | ropelled Ve | ssels | Non-Self F | |
|--|--|--|--|--|--|--------------|--|--|-------------|---|---|--|
| Draft | Total D | ry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| CHANNELS | IN LAKE S | T. CLAIR | - continued Upboun | d | | | | | Downbou | nd | | |
| FOREIGN | | | | | | | | | | | | |
| 14 13 12 | 17 5 83 | 2 10 | | 3 — 20 | 10 — 40 | 4 3 10 | 13 4 54 | . 1 | <u> </u> | 1 1 15 | 1 | 2 1 13 |
| DOMESTIC | | | | | | | | | | | | |
| Total 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 | 1,290 ———————————————————————————————————— | 879 | | 170 | 173 — 1 — 2 5 17 10 4 19 11 5 6 32 4 3 8 2 4 40 | 68 | 1,375 10 8 100 44 248 322 149 102 98 66 66 25 54 63 27 10 23 16 4 9 8 | 10 4 | | 164 3 27 7 13 5 22 1 10 4 1 11 7 40 Total | 4 10 10 9 57 30 15 10 5 2 3 5 5 5 1 | 50 |
| DETROIT I | RIVER, MI | | Upboun | d | | | | | Downbou | nd | | |
| Grand Total | 4,255 | 2,575 | 14 | 757 | 338 | 571 | 3,652 | 2,594 | 10 | 474 | 358 | 216 |
| FOREIGN | | | | | | | | | | | | |
| Total 29 28 27 26 25 24 23 22 21 19 18 17 16 15 14 13 12 | 2,079 ———————————————————————————————————— | 1,617 ———————————————————————————————————— | 14 1 2 1 4 1 3 | 218 — — — — — — — — — — — — — — — — 44 — 6 6 3 3 — 72 355 3 — 53 | 6 57 10 | 81 | 1,969 2 32 370 188 73 1566 167 185 110 164 55 69 322 102 55 37 5 | 2 29 354 174 70 154 159 173 95 103 38 36 9 5 7 | 10 | 223 | 16 9 7 7 2 | 84 ———————————————————————————————————— |
| DOMESTIC | | | | | | | | | | | | |
| Total 31 30 29 28 27 26 25 24 23 22 21 20 19 18 | 2,176 ———————————————————————————————————— | 958 6 31 17 41 94 59 60 56 233 156 | | 539 — — — — — — — 18 9 5 — — 25 6 6 12 1 20 | 6 | 490 | 1,683 10 8 10 44 248 322 150 101 99 67 27 56 122 | 10 4 34 236 238 1112 74 83 40 24 42 82 | | 251 3 27 7 13 6 22 2 1 10 13 15 | 4 10 10 9 57 31 14 10 5 2 4 5 | 132 |

| Droft | | Self P | ropelled Ve | ssels | Non-Self I | Propelled sels | | Non-Self Propelled Vessels Dry Cargo Tanker Total Dry Cargo Tanker | | | | Propelled sels |
|--|--|---|-------------------|----------------------------|-----------------------------|------------------------------|--|--|------------------------|--|--|--|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| DETROIT R | RIVER, MI - | continued | Upbou | nd | | | | | Downbou | ınd | | |
| DOMESTIC | | | | | | | | | | | | |
| 17 16 15 14 13 | 130 83 81 10 20 868 | 121 53 19 2 — 10 | | 20 51 2 11 359 | 9 2 5 | 4 5 2 4 4 454 | 28 44 59 7 10 150 | 6 2 | | 4 22 49 1 8 50 Tota | 9 1 2 — | 10 7 7 4 2 71 7,907 |
| DETROIT I | HARBOR, I | мі | Inbou | nd | | | | | Outbou | ınd | | |
| Grand Total | 260 | 175 | | 26 | 38 | 21 | 264 | 179 | | 27 | 36 | 22 |
| FOREIGN | | | | | | | | | | | | |
| Total 27 26 25 24 23 22 21 20 19 18 16 15 | 58 2 15 13 3 4 6 5 3 1 1 2 1 3 | 52 2 15 13 3 4 6 5 3 1 | | 3 | | 2 | 54 10 10 10 7 5 3 3 3 4 1 1 | 1 3 3 10 10 17 5 5 3 3 3 3 4 4 —— | | 4 | | 1 1 |
| DOMESTIC | | | | | | | | | | | | |
| Total 31 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 13 | 202 8 2 4 44 25 10 17 23 12 9 7 1 7 2 5 3 — | 123 8 -4 42 16 8 9 17 2 6 3 1 -2 2 -3 | | 23 | 2 | 19 | 210 | 4 8 8 1 3 2 2 5 6 6 6 4 4 49 4 9 9 3 3 3 | | 23 | | 21 |
| ROUGE RI | IVER, MI | | Inbou | nd | | | | | Outbou | ınd | | |
| Grand Total FOREIGN | 1,167 | 402 | 1 | 343 | 108 | 313 | 1,184 | 394 | 1 | 354 | 111 | 324 |
| Total 27 26 25 24 23 22 21 20 19 | 298 36 63 18 10 5 8 2 28 | 146 29 48 18 9 4 8 2 2 | 1 | 67 | 7 15 — 1 1 — | 31 | 300 1 1 2 34 27 19 13 54 | 1 1 2 34 7 26 9 19 19 12 15 | 1 1 | 68 26 | —————————————————————————————————————— | 33 1 12 8 |

| 5. " | | Self Pr | ropelled Vess | sels | Non-Self F | Propelled | | Self P | ropelled Ve | ssels | Non-Self F | |
|--|--|--|---------------|--------------------------------|---------------------------|---------------------------|--|---------------------------------------|--------------------|-------------------------------------|----------------------------|-----------------------------------|
| Draft | Total Dr | y Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| ROUGE RI | VER, MI - con | tinued | Inboun | d | | | | | Outbou | nd | | |
| FOREIGN | | | | | 1 | | | | | | | |
| 18 17 16 15 14 13 | 5 2 17 12 17 5 65 | 1 4 15 3 1 | | 1 15 4 —- —- 21 | 2 1 2 — | 2 1 1 26 | 8 1 10 32 17 3 64 | | | 1 9 3 1 — | 23 — | 3 —- 1 2 1 —- 5 |
| DOMESTIC | | | | | | | | | | | | |
| Total 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 | 869 27 88 56 51 40 20 9 3 8 10 1 9 15 42 3 7 | 256 27 86 29 28 30 20 7 3 6 8 — 5 3 2 1 | | 276 | 1 17 16 5 2 2 3 2 1 1 1 1 | 282 | 8844 | 2 2 2 1 1 1 2 3 4 4 81 1 121 18 9 9 2 | | 286 | 1 | 291 |
| ECORSE, | MI | | Inboun | d | | | | | Outbou | nd | | |
| Grand Total | 57 | 41 | — <u>-</u> | u 8 | 5 | 3 | 47 | 7 41 | — - | 11u 2 | 1 | 3 |
| FOREIGN | | | | | | | | | | | | |
| Total 23 22 21 20 18 15 12 | 48 26 3 4 2 2 11 | 35 26 3 4 2 | | 7 2 5 | | 2 2 | 37 21 4 3 5 2 1 | 21 4 3 5 5 2 2 | | 1 1 | | 1 1 |
| Total 23 22 21 20 18 17 15 | | 6 3 1 1 1 | | 1 1 | 1 | 1 | 10 ———————————————————————————————————— | | | 1 1 Total | —— —— —— —— —— | 2 2 104 |
| PORT OF | DETROIT, MI | | J-1 | لہ | | | | | 0 | m al | | |
| Grand Total FOREIGN | 1,508 | 641 | Inboun 1 | a 378 | 150 | 338 | 1,469 | 628 | Outbou 1 | nd 382 | 149 | 309 |
| Total 27 26 25 | 404 38 78 31 | 233 31 63 31 | 1 | 77 —- —- | 58 7 15 | 35 | 392 2 4 12 | 2 4 | 1 | 73 —- —- | 53 | 35 |

| | | Self Pro | pelled Vess | sels | Non-Self F Vess | Propelled | | Self P | ropelled Ve | ssels | Non-Self F | Propelled |
|--|--|---|-------------|--------------------------|--|--|--|---|-------------|---|---|---|
| Draft | Total D | ry Cargo | Tanker | Tow or Tug | ry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| PORT OF D | DETROIT, MI | - continue | d Inboun | d | | | | | Outbou | ınd | | |
| FOREIGN | | | | | | | | | | | | |
| 24 23 22 21 20 19 18 17 16 15 14 13 | 13 35 17 11 33 6 5 2 19 15 17 5 79 | 12 34 17 11 7 3 —- 1 4 15 3 | | | 1 1 2 4 2 1 2 1 22 | | 44 55 28 19 62 17 15 1 11 34 17 3 68 | 44 54 28 18 23 8 12 —- 4 15 3 | 1 | | 1 23 | 1 12 8 3 1 2 1 7 |
| DOMESTIC | | | | | | | | | | | | |
| Total 31 29 28 27 26 25 24 23 22 21 1 20 19 18 17 16 15 14 13 12 | 1,104 8 2 31 132 81 61 57 54 24 17 23 13 9 11 19 46 3 7 506 | 408 8 31 128 45 36 39 47 12 14 17 11 1 7 4 2 1 5 | | 301 | 92 | 303 2 1 1 2 1 1 294 | 1,077 — — 6 111 7 7 5 166 100 122 1766 203 500 42 67 7 100 448 | 398 5 10 2 3 2 7 7 9 7 139 129 37 18 7 23 | | 309 1 1 1 1 7 2 13 25 3 12 48 1 4 190 Total | 1 4 3 2 2 2 1 3 3 3 9 6 3 | 274 21 10 7 3 6 6 3 218 2,977 |
| MONROE | HARBOR, M | ı | Inboun | d | | | | | Outbou | und | | |
| Grand Total | 110 | 56 | —- | 26 | 7 | 21 | 92 | 38 | — <u>-</u> | 26 | 3 | 25 |
| FOREIGN | | | | | | | | | | | | |
| Total 19 18 16 15 14 | 19 2 5 7 3 1 | 1 1 | | 9 6 2 1 | 4 1 3 | 5 1 2 1 1 | 3 1 2 | 1 1 | | 1 1 | | 1 1 |
| DOMESTIC | | | | | | | | | | | | |
| Total 24 23 22 21 20 19 18 17 16 15 14 13 12 9 8 6 5 | 91 6 14 11 1 19 11 6 1 12 - 5 1 2 | 55 6 14 11 1 11 5 1 1 5 | | 17 | 3 | 16 5 6 5 | 89 — 6 2 1 1 19 2 3 3 2 13 1 1 — 3 3 3 26 5 | 37 ———————————————————————————————————— | | 25 | | 24 1 2 18 3 |

| D (| | Self Pro | opelled Vess | els | Non-Self F | Propelled sels | | Self P | ropelled Ve | ssels | Non-Self I | Propelled sels |
|---|--|--|-----------------------|---------------|---|----------------|--|--|--------------|---------------|-----------------------|----------------|
| Draft | Total D | ry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| MONROE H | IARBOR, MI | - continue | e d Inbound | 4 | | | | | Outbou | nd | | |
| DOMESTIC | | | mboand | • | | | | | Outbou | | | |
| 2 | 1 | | | _ | 1 1 | | 1 1 | | | Tota | 1 1 1 trips: | 202 |
| CALCITE, I | мі | | Inbound | 4 | | | | | Outbou | nd | | |
| Grand Total | 383 | 307 | 2 | 29 | 42 | 3 | 399 | 315 | 2 | 34 | 47 | 1 |
| FOREIGN | | | | | | | | | | | | |
| Total 27 26 25 24 23 22 21 20 19 18 17 15 11 | 71 | 63 1 1 1 8 10 10 20 4 5 1 2 | 2 | 2 | 1 | 3 | 68 ———————————————————————————————————— | 59 12 14 21 6 1 1 1 | 2 | 3 | 1 2 — — — | 1 |
| DOMESTIC | | | | | | | | | | | | |
| Total 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 9 8 7 6 3 2 1 | 312 1 1 2 3 1 1 1 28 60 64 5 10 2 2 1 3 6 8 1 | 244 1 2 1 1 2 9 1 128 23 61 5 10 | | 27 | 41 ———————————————————————————————————— | | 331 | 256 | | 31 | | |
| ESCANABA | A, MI | | Inbound | d | | | | | Outbou | nd | | |
| Grand Total FOREIGN | 173 | 139 | | 15 | 19 | _ | 173 | 138 | | 15 | 20 | _ |
| Total 24 23 21 | 2 1 1 | 2 — 1 1 | | <u>-</u> | | <u>-</u> | 1 1 | 1 1 — | - | | | - |

| | | Solf F | ropelled Ve | anala | Non-Self I | Propelled | , | Solf D | ropelled Ve | anala | Non-Self I | Propelled |
|---|---|---|-------------|---|------------------------------|----------------|---|--|-------------|--|--|----------------|
| Draft | Total | Dry Cargo | Tanker | Tow or | Vess Dry Cargo | sels Tanker | Total | Dry Cargo | Tanker | Tow or | Vess Dry Cargo | sels Tanker |
| | TUIAI | Dry Cargo | Talikei | Tug | Diy Caigo | Talikei | Total | Dry Cargo | Talikei | Tug | Diy Caigo | Talikei |
| ESCANABA | A, MI - coi | ntinued | Inbou | ınd | | | | | Outbou | ınd | | |
| DOMESTIC | | | | | | | | | | | | |
| Total 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 9 | 171 3 18 22 10 16 18 59 8 2 12 12 | 3 3 22 10 16 2 58 8 2 12 | | 15 ———————————————————————————————————— | = | | 172 3 177 368 38 25 19 16 16 4 4 | 5 5 5 36 6 34 6 24 4 1 6 6 6 ——————————————————————————————— | | 15 | 20 3 12 4 1 - | |
| STONEPO | RT, MI | | Inbou | ınd | | | | | Outbou | ınd | | |
| Grand Total | 377 | 177 | | 70 | 130 | | 407 | 7 180 | —- | 85 | 142 | |
| FOREIGN | 0 | | | | | | 40. | | | 00 | 1-12 | |
| Total 25 24 23 22 21 20 18 | 30 3 2 14 4 5 | —————————————————————————————————————— | | -4 2 2 2 | = | | 13 1 1 1 4 2 4 —- | 1 1 1 4 2 | | | | |
| DOMESTIC | | | | | | | | | | | | |
| Total 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 9 8 6 6 2 | 347 18 41 64 44 1 122 64 48 51 4 41 1 2 | | | 666 —————————————————————————————————— | 23 4 23 — 3 — | | 394 2 1 65 79 108 20 20 20 17 15 6 13 6 3 11 11 | 2 — 6 6 6 21 47 43 4 4 12 15 8 5 5 6 6 — — | | 85 — — — — — — — — — — — — — — — Total | 2 1 31 28 38 10 13 2 2 1 | |

ALGOMA HARBOR, WI No Vessel Trips Reported

| | | Self P | ropelled Ve | essels | Non-Self Ves | | , | Self P | ropelled Ves | sels | Non-Self F | Propelled sels |
|--------------------|--------------------------|---------------------------|-------------|---------------|--------------|--------|--------|-----------|--------------|---------------|------------------|-------------------|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| ALGONAC | C, MI | | | | | | | | | | | |
| Grand | et and less) | | Inbou | und | | | | | Outbour | nd | | |
| Total | 1 | | | _ | 1 | _ | 1 | | | —- Tota | 1 al trips: | 2 |
| | HARBOR et and less) | | | | | | | | | | | |
| Grand | et and 1633) | ' | Inbou | und | | | | | Outbour | nd | | |
| Total | 8 | 6 | | 1 | 1 | _ | 8 | 6 | _ | 1 Tota | l 1 al trips: | —- 16 |
| AU SABLI No V | E HARBOF Vessel Trip | R AND RIVE os Reported | R (OSCOD | A), MI | | | | | | | | |
| | HARBOR and less) | , WI | Inbou | und | | | | | Outbour | nd | | |
| Grand Total | 5,666 | 5,666 | | | | _ | 5,665 | 5,665 | _ | | | |
| | HARBOR, Vessel Trip | MI s Reported | | | | | | | | I ota | al trips: | 11,331 |
| BLACK RI No V | IVER HARI Vessel Trip | BOR, MI s Reported | | | | | | | | | | |
| CASEVILL No V | | s Reported | | | | | | | | | | |
| CEDAR RI No V | IVER HAR Vessel Trip | BOR, MI os Reported | | | | | | | | | | |
| | | R (ISLE RO) s Reported | | | | | | | | | | |
| | RIVER, MI Vessel Trip | s Reported | | | | | | | | | | |
| | OPIA HARI Vessel Trip | BOR, WI s Reported | | | | | | | | | | |
| (12 fee | MI AND Vet and less) | | Inbou | ınd | | | | | Outbour | nd | | |
| Grand Total | 20,320 | 20,320 | _ | _ | | _ | 20,320 | 20,320 | | —- | —- al trips: | 40,640 |
| DETROIT (11 fee | HARBOR, et and less) | WI | Inbou | und | | | | | Outbour | | ii iiips. | 40,040 |
| Grand Total | 3,711 | 3,711 | _ | _ | _ | _ | 3,747 | 3,747 | _ | | —- al trips: | —- 7 450 |
| EAGLE HA | ARBOR, M Vessel Trip | I s Reported | | | | | | | | i Ota | a uips: | 7,458 |
| | ORT HARBO | OR, MI os Reported | | | | | | | | | | |

| | | Solf D | Propelled Ves | nolo | Non-Self | Propelled |) | Solf D | Propelled Vess | 2010 | Non-Self F | Propelled |
|---------------------|------------------------|---------------------------|---------------|---------|-----------|-----------|-------|-----------|----------------|---------------|---------------|------------|
| Draft | | | | Tow or | Ves | sels | | | | Tow or | Vess | |
| | Total | Dry Cargo | Tanker | Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tug | Dry Cargo | Tanker |
| GLADSTO (24 fee | NE HARB et and less | | Inboun | ıd | | | | | Outboun | d | | |
| Grand | | | ilibouil | - | | | | | Outbourn | | | |
| Total | 30 | 12 | | 9 | | 9 | 29 | 9 10 | | 10 Tota | 1 I trips: | 8 59 |
| | | ARBOR (HAR os Reported | RBOR OF RE | EFUGE), | МІ | | | | | | | |
| | | ARBOR, MN os Reported | | | | | | | | | | |
| | | BAY HARB os Reported | | | | | | | | | | |
| | BEACH, Net and less | | OF REFUG | - | HURON) | | | | | | | |
| Grand | | | Inboun | d | | | | | Outboun | d | | |
| Total | 18 | 18 | _ | _ | _ | | 19 | 9 19 | | —- Tota | I trips: | 37 |
| KENOSHA | | s Reported | Inboun | ıd | | | | | Outboun | d | | |
| Grand Total | 14 | | | .u 7 | 7 | | 14 | 4 | | ս 7 | 7 | |
| KEWAUNI | EE HARBO | | | | · | | | | | | l trips: | 28 |
| KEWEENA (12 fee | AW WATE | | Upboun | ıd | | | | | Downboun | d | | |
| Grand Total | 78 | 53 | | 13 | 11 | 1 | 77 | 7 55 | DOWNDOUN | u 11 | 10 | 1 |
| KNIFE RIV | /ER HARE | | | 13 | 11 | ' | 7 | , 55 | | | l trips: | 155 |
| LA POINT (8 feet | E HARBO and less) | R, WI | Inboun | ıd | | | | | Outboun | d | | |
| Grand Total | 5,634 | 5,634 | <u></u> | | _ | _ | 5,634 | 5,634 | — <u>-</u> | | I trips: | 11,268 |
| LAC LA B No \ | | RBOR, MI os Reported | | | | | | | | | | |
| LELAND I | HARBOR, /essel Trip | MI os Reported | | | | | | | | | | |
| LIME ISLA No \ | | s Reported | | | | | | | | | | |

| | | Self P | ropelled Vess | els | Non-Self Ves | | | Self P | ropelled Vesse | els | | Propelled |
|---------------------|----------------------------|---------------------|---------------|---------------|--------------|--------|--------|-----------|----------------|---------------|----------------|------------|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Гоw or Tug | Dry Cargo | |
| | C HARBOR, | , MI | | | | | | | | | | |
| (9 feet | and less) | | Inbound | t | | | | | Outbound | | | |
| Total | 25,397 | 25,281 | | 53 | 63 | _ | 24,892 | 24,705 | | 111 Tota | 76 I trips: | 50,289 |
| | M CITY HAI | RBOR, MI | | | | | | | | | · | |
| (9 feet | and less) | | Inbound | d | | | | | Outbound | | | |
| Total | 8,307 | 8,241 | | 47 | 19 | _ | 8,925 | 8,922 | | 2 Tota | 1 I trips: | 17,232 |
| MANISTIQ No V | UE HARBO /essel Trips | R, MI Reported | | | | | | | | | - | |
| NEW BUF No V | FALO HARE /essel Trips | BOR, MI Reported | | | | | | | | | | |
| OCONTO No V | HARBOR, V /essel Trips | VI Reported | | | | | | | | | | |
| ONTONAG (23 fee | SON HARBO et and less) | DR, MI | Inbound | 4 | | | | | Outbound | | | |
| Grand Total | 16 | 16 | — <u>-</u> | | | | 15 | 15 | — - | | | |
| | EE HARBO /essel Trips | | | | | | | | | Tota | l trips: | 31 |
| PENTWAT No V | ER HARBO /essel Trips | R, MI Reported | | | | | | | | | | |
| PORT HUI (15 fee | RON, MI et and less) | | Inbound | d | | | | | Outbound | | | |
| Grand Total | 3 | _ | | 2 | 1 | | 3 | | | 2 | | |
| | NILAC HARI /essel Trips | | | | | | | | | Tota | l trips: | 6 |
| | SHINGTON et and less) | HARBOR, | WI Inbound | d | | | | | Outbound | | | |
| Grand Total | 7 | | | 7 | | | 7 | | | 7 | I trips: | 14 |
| | NG HARBOF /essel Trips | | | | | | | | | Tota | itrips: | 14 |
| | AY HARBOR and less) | R, OH | Inbound | d | | | | | Outbound | | | |
| Grand Total | 8,301 | 8,172 | 95 | 20 | 14 | _ | 9,054 | 8,926 | 95 | 20 | 13 I trips: | 17,355 |
| RACINE H No V | IARBOR, Wi /essel Trips | I Reported | | | | | | | | iota | ps. | 11,000 |

| Droft | | Self P | ropelled Ve | essels | Non-Self F Vess | | | Self P | ropelled Ve | essels | Non-Self F Vess | |
|-------|-------|-----------|-------------|---------------|--------------------|--------|-------|-----------|-------------|---------------|--------------------|--------|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

ROGERS CITY, MI No Vessel Trips Reported

SAUGATUCK HARBOR AND KALAMAZOO RIVER, MI No Vessel Trips Reported

SAULT STE. MARIE, MI (26 feet and less) Inbound Outbound Grand 38,108 38,102 5 36,527 36,524 Total 74,635 Total trips: SEBEWAING, MI No Vessel Trips Reported SHEBOYGAN HARBOR, WI No Vessel Trips Reported SOUTH HAVEN HARBOR, MI No Vessel Trips Reported ST. JAMES (BEAVER ISLAND), MI (8 feet and less) Outbound Inbound Grand Total 378 378 378 378 Total trips: 756 STURGEON BAY AND LAKE MICHIGAN SHIP CANAL, WI (26 feet and less) Upbound Downbound Grand Total 1 1 88 38 18 Total trips: 89 TRAVERSE CITY HARBOR, MI (19 feet and less) Outbound Inbound Grand 79 35 70 30 40 Total 44 Total trips: 149 TRENTON, MI (23 feet and less) Inbound Outbound Grand

10

10

TWO RIVERS HARBOR, WI No Vessel Trips Reported

12

11

Total

WARROAD HARBOR, MN No Vessel Trips Reported

WHITE LAKE HARBOR, MI No Vessel Trips Reported

WHITEFISH POINT HARBOR, MI No Vessel Trips Reported

Total trips:

22

| - · · | | Self P | ropelled Vesse | els | Non-Self F | | | Self P | ropelled Vesse | els | Non-Self Ves | |
|---------------------|-------------------------------|-----------|---------------------|---------------|------------|--------|-------|-----------|---------------------|--------------|-----------------|------------|
| Draft | Total | Dry Cargo | Tanker ^T | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker ^T | ow or Tug | Dry Cargo | Tanker |
| WYANDO (23 fee | TTE, MI et and less) | 1 | Inbound | | | | | | Outbound | | | |
| Total | 12 | 12 | | | | | 13 | 13 | _ | —- Tota | —- I trips: | 25 |
| | HEAD, OH et and less) | 1 | Inbound | | | | | | Outbound | · ota | p o. | 20 |
| Grand Total | 6,274 | 6,040 | _ | 108 | 126 | _ | 6,305 | 6,047 | _ | 113 Tota | 145 I trips: | 12,579 |
| (28 fee | LOMITE, N et and less) | | Inbound | | | | | | Outbound | | | |
| Grand Total | 194 | 163 | | 14 | 17 | _ | 204 | 166 | | 16 Tota | 22 I trips: | 398 |
| (21 fee | PSUM, MI et and less) | 1 | Inbound | | | | | | Outbound | | | |
| Grand Total | 33 | 33 | | | | | 40 | 40 | | —- Tota | I trips: | —- 73 |
| PORT INL (28 fee | AND, MI et and less) | 1 | Inbound | | | | | | Outbound | | | |
| Grand Total | 264 | 193 | | 28 | 43 | _ | 277 | 205 | | 31 Tota | 41 I trips: | 541 |
| SILVER B (28 fee | BAY, MN et and less) |) | Inbound | | | | | | Outbound | | | |
| Grand Total | 142 | 130 | | 4 | 8 | _ | 184 | 172 | | 4 Tota | 8 I trips: | 326 |

| | | Self F | ropelled Ve | ssels | Non-Self I | Propelled |) | Self P | Propelled Ves | sels | Non-Self I | Propelled |
|---|--|---|---|---|---|--|---|---|---|--|---|-----------|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Vess Dry Cargo | sels Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Vess Dry Cargo | Tanker |
| TOLEDO H | HARBOR. C | ЭН | | rug | | | | | | rug | I | |
| Grand | | | Inbou | nd | | | | | Outboun | nd | | |
| Total | 730 | 502 | 3 | 108 | 52 | 65 | 730 | 488 | 3 | 115 | 49 | 75 |
| FOREIGN | 1 | | | | 1 | 1 | | 1 | | | 1 | |
| Total 29 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 | 451 1 115 44 19 36 51 12 12 13 7 27 7 32 30 13 9 23 | 334 1 115 44 18 36 51 9 9 12 6 18 — 1 4 8 1 | 3 1 1 1 1 | 55 ——————————————————————————————————— | 2 3 1 5 5 | 29 1 1 5 2 1 1 2 4 | 488 ——————————————————————————————————— | 46 20 27 57 106 34 19 5 4 1 1 3 7 | 3 1 1 | 65 ———————————————————————————————————— | 32 | 37 |
| DOMESTIC | | | | | | | | | | | | |
| Total 29 28 27 26 25 24 23 22 21 10 19 18 17 16 15 14 | 279 1 1 12 7 3 3 9 7 3 3 64 49 9 9 30 18 1 5 54 | 168 — 12 5 3 2 2 5 3 3 1 5 9 4 7 8 3 4 — 13 | | 53 | 1 1 2 1 3 1 1 8 1 | 36 | 242 1 1 4 18 28 11 8 19 29 18 22 35 15 1 3 29 | 3 18 28 8 6 10 23 14 16 7 7 | | 50 | 17 | 38 |
| KELLEYS | ISLAND, O | Н | | | | | | | 0 4 | | | |
| Grand Total | 6,042 | 5,943 | Inbou | nd 48 | 51 | | 6,072 | 5,943 | Outboun | nd 49 | 80 | |
| DOMESTIC | | 3,343 | | 40 | JI | <u></u> | 0,072 | . ა,აოა | | 43 | 00 | |
| Total 20 19 18 17 16 14 13 7 6 | 6,042 6 68 15 1 1 2 1 5,947 | 5,943 5,943 | = | 48 3 34 5 1 1 4 | 10 1 1 1 | | 6,072 6 97 18 1 1 5,949 | | - - - - - - - - - - | 49 3 35 5 6 Total | 80 3 62 13 1 1 trips: | |

| | | Self P | ropelled Ve | ssels | Non-Self Ves | Propelled | , | Self F | ropelled Ve | ssels | Non-Self I | Propelled |
|---|--|------------------------------|-------------|--------------------------------|-----------------------|-----------|---|--|--------------|---|-----------------------|-----------|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| SANDUSK | Y HARBO | R, OH | | | | | | | 0 11 | | | |
| Grand Total | 896 | 877 | Inbou —- | ina 9 | 10 | _ | 925 | 5 907 | Outbou —- | ına 9 | 9 | |
| FOREIGN | | | | | | | | | | | | |
| Total 28 27 26 25 24 23 22 21 20 19 12 | 78 3 11 33 5 1 1 1 1 23 | 3 11 33 5 1 1 | | | | | 112 14 44 11 4 4 11 — 14 — 23 | 1 44 11 44 14 4 11 | | | | |
| DOMESTIC | | | | | | | | | | | | |
| Total 28 25 24 23 22 21 20 19 18 17 16 15 | 818 ——————————————————————————————————— | | | 9 | 1 | | 813 1 6 6 28 12 11 10 14 21 7 —————————————————————————————————— | 1 6 6 6 6 8 28 12 10 10 10 14 14 21 7 7 —— | | 9 g | 1 | |
| HURON H | ARBOR, C | Н | Inbou | und | | | | | Outbou | ınd | | |
| Grand Total | 63 | 7 | — <u>-</u> | 22 | 34 | | 60 | 5 | — <u>-</u> | u 22 | 33 | |
| FOREIGN | | | | | | | | | | | | |
| Total 26 24 23 22 20 18 | 5 1 1 1 1 | 1 1 1 | | 1 1 | 1 1 | | 2 1 1 | 1 — | | | — — — — — | |
| DOMESTIC | | | | | | | | | | | | |
| Total 29 26 25 24 23 22 19 18 17 16 12 | 58 3 24 11 8 3 9 | | | 21 | 3 16 | | 58 | | | 22 ——————————————————————————————————— | 5 — 2 — | |

| | | | Self P | ropelled Ve | ssels | Non-Self I | Propelled | | Self F | ropelled Ve | ssels | Non-Self I | Propelled |
|--|--|---|--|-------------|---|---------------------------|----------------|---|--|-------------|---------------|-------------------|-----------|
| Draft | Total | Dry | / Cargo | Tanker | Tow or Tug | Vess Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Vess Dry Cargo | Tanker |
| LORAIN H | ARBOR | ОН | | | rug | | | | | | rug | 1 | |
| Grand | , | 0 | | Inbou | nd | | | | | Outbou | ınd | | |
| Total | 15 | 2 | 119 | | 13 | 19 | 1 | 146 | 5 114 | | 13 | 18 | 1 |
| FOREIGN | | . 1 | | | | ı | . 11 | | | | | ı | |
| Total 27 26 25 24 23 22 21 20 19 18 17 16 14 DOMESTIC | | 4 1 0 3 7 4 1 1 1 1 - | 32 1 10 3 7 4 1 4 1 1 | | 1 1 | | 1 | 32 1 1 2 6 9 2 7 1 1 1 1 | 1 1 2 2 6 6 9 2 7 7 1 1 | | 1 | | 1 |
| Total | 11 | 8 | 87 | | 12 | 19 | | 114 | 84 | | 12 | 18 | |
| 30 27 26 25 24 23 22 21 20 19 18 17 16 14 13 | 1 3 1 2 1 — | 1 8 0 8 | 18 29 6 13 4 — 1 6 9 — 1 — — — — — — — — — — — — — — — — — | | | 1 — 7 5 | | 28 35 22 35 35 35 35 22 18 1 | 3 2 2 2 | | 10 | | |
| CLEVELAN | ND HARE | BOR, | ОН | Inbou | n d | | | | | Outbou | ام ما | | |
| Grand Total | 1,16 | i1 | 704 | 1100u | 198 | 201 | 48 | 1,054 | l 651 | 10 | ına 188 | 157 | 48 |
| FOREIGN | ., | | | | | | | ., | | | | | |
| Total 30 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 DOMESTIC | 33 44 22 24 44 22 33 22 11 | 1 2 8 8 8 8 3 0 0 9 3 2 5 2 0 | 245 1 2 38 48 27 22 36 27 16 5 12 10 1 | 10 | 71 110 22 149 7 | | 15 | 365 ———————————————————————————————————— | | 10 | 666 | | 12 |
| | 77 | 2 | 459 | | 127 | 153 | 33 | 689 | 421 | | 122 | 110 | 36 |
| Total 31 30 28 27 | _ | 2 - 4 2 | 459 2 18 | | | 153 —- —- 4 4 | 33 | 689 1 | 421 —- —- —- | | | 1 | |

| | | Self F | ropelled Ves | ssels | Non-Self F | Propelled | | Self P | ropelled Ve | ssels | Non-Self F | Propelled sels |
|--|--|---|------------------|--|-------------------------|-------------------|--|---|-------------|--|---------------------------------------|-------------------|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| CLEVELAN | D HARBO | R, OH - coi | ntinued Inbou | nd | | | | | Outbou | ınd | | |
| DOMESTIC | | | | | | | | | | | | |
| 26 25 24 23 22 21 20 19 18 17 16 15 14 13 | 70 33 34 522 43 28 41 142 48 77 25 4 4 116 | 33 30 31 31 25 36 60 36 67 6 11 | | 1 ———————————————————————————————————— | 6 4 8 —- —- | | 3 9 17 34 35 35 24 157 86 116 33 44 1 3 | 9 16 32 28 32 20 7 74 6 51 109 3 11 30 — | | 1 5 2 39 17 14 14 2 27 Tota | 1 2 2 3 3 2 2 33 15 7 7 7 | |
| FAIRPORT | HARBOR | , он | Inbou | nd | | | | | Outbou | ınd | | |
| Grand Total | 337 | 293 | | 12 | 32 | _ | 201 | 160 | | 12 | 29 | _ |
| FOREIGN | | | | | | | | | | | | |
| Total 27 26 25 24 23 22 21 20 19 18 | 29 ———————————————————————————————————— | 1 4 15 6 | | | | | 24 1 1 4 4 9 2 1 1 | 1 1 4 4 9 2 2 2 1 | | ======================================= | | |
| DOMESTIC | | | | | | | | | | | | |
| Total 26 25 24 23 22 21 20 19 18 17 16 15 13 | 308 7 166 255 25 14 4 2 1 8 7 ————————————————————————————————— | 9 23 111 9 4 2 — 6 7 — | | 12 | 7 7 7 2 9 9 1 | | 1777 | | | 12 3 6 1 2 Tota | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
| ASHTABUI | LA HARBO | OR, OH | Inbou | nd | | | | | Outbou | ınd | | |
| Grand Total FOREIGN | 355 | 316 | | 16 | 22 | 1 | 347 | 7 306 | | 17 | 23 | 1 |
| Total 30 29 28 27 26 25 24 | 183 — 1 1 16 11 34 53 | 1 1 16 11 | | | 2 | 1 | 171 1 1 23 107 6 2 | 1 1 3 23 107 | | | 2 | 1 |

| | | Self P | ropelled Ves | ssels | Non-Self I | Propelled sels | | Self P | ropelled Ve | ssels | Non-Self F | Propelled sels |
|---|---|---|-------------------------|---|--|----------------|--|---|-------------|----------------------|-----------------|-------------------|
| Draft | Total D | ry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| ASHTABUL | A HARBOR, | OH - con | itinued Inbou | nd | | | | | Outbou | ınd | | |
| FOREIGN | | | | | | | | | | | | |
| 23 22 21 20 19 15 13 | 60 2 2 1 1 1 | 60 2 2 | | | | 1 | 6 7 4 4 1 1 — 2 | 1 4 1 | | | | |
| DOMESTIC | | | | | | | | | | | | |
| Total 300 28 27 26 25 24 23 22 21 20 19 18 17 16 15 | 172 3 6 34 66 14 8 1 3 13 11 1 5 3 | 136 3 30 51 14 8 1 3 3 13 6 1 3 | | 166 ——————————————————————————————————— | 3 3 3 6 | | 176 —- 5 122 2 8 13 15 15 15 24 44 24 25 5 | | | 17 | 7 4 1 | |
| | T HARBOR, | ОН | Inbou | nd | | | | | Outbou | ınd | | |
| Grand Total | 297 | 248 | | 34 | 15 | | 305 | 254 | | 37 | 14 | |
| FOREIGN | | | | | | | | | | | | |
| Total 28 27 26 25 24 23 | 158 —- 12 1 20 | 133 —- 12 1 | | 24 | 1 | | 166 14 74 | 14 74 | <u>-</u> | 28 | | |
| 22 21 20 19 18 15 14 | 31 42 3 1 1 1 2 1 1 42 | 20 31 42 3 1 2 21 | | | | | 8 3 5 4 4 — 27 — 2 1 24 | 3 3 4 4 ——————————————————————————————— | | | | |
| 22 21 20 19 18 | 42 3 1 1 2 1 | 31 42 3 1 2 | = | 1 | 1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 | | 3 5 4 4 —- 27 —- | 3 3 4 4 4 — 26 — — — — — | | | 2 | |

| 5 " | | Self Pi | ropelled Vess | sels | Non-Self I Vess | Propelled | | Self F | ropelled Ve | essels | Non-Self F | Propelled sels |
|--|--|--|------------------|-------------------|---|------------------------|---|---------------------------------|-------------|------------------------|--|------------------------|
| Draft | Total D | ry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| CONNEAUT | Γ HARBOR, (| OH - cont | inued Inbound | d | | | | | Outboo | und | | |
| DOMESTIC | | | | | | | | | | | | |
| 13 | 2 | | | 2 | | | 2 | · - | | 2 Tota | trips: | 602 |
| ERIE HAR | BOR, PA | | Inbound | 4 | | | | | Outboo | ınd | | |
| Grand Total | 316 | 310 | | 2 | 2 | 2 | 317 | 309 | — <u>-</u> | 3 | 3 | 2 |
| FOREIGN | | | | | | | | | | | | |
| Total 26 25 24 22 20 18 17 | 7 1 4 1 1 | 5 1 2 1 1 | | | | 2 2 | 12 1 3 1 1 2 2 1 | 1 1 1 1 2 2 — | | 1 1 | —————————————————————————————————————— | 2 2 |
| DOMESTIC | | | | | | | | | | | | |
| Total 277 26 25 24 23 22 21 20 19 18 17 16 15 14 | 309 1 13 13 6 2 1 1 1 4 1 263 3 | 305 1 13 11 6 2 1 1 2 1 263 3 | | 2 | 2 ———————————————————————————————————— | | 305 | | | 2 | 1 1 1 | |
| BUFFALO | HARBOR, N | Υ | Upbound | d | | | | | Downboo | und | | |
| Grand Total | 87 | 82 | | 3 | 2 | | 93 | 89 | | 3 | 1 | _ |
| FOREIGN | | | | | | | | | | | | |
| Total 27 26 25 24 23 22 21 20 18 17 12 | 48 8 1 2 3 2 3 4 4 2 20 1 | 47 8 1 2 3 2 3 4 2 20 1 1 | | 1 | | | 42 5 ——2 3 12 13 2 2 2 ——3 | 2 3 12 13 2 2 | | 2 | | |
| DOMESTIC | | | | | | | | 1 | | | | |
| Total 26 25 24 23 22 21 20 | 39 | 35 | | 2 | 2 ———————————————————————————————————— | | 51 1 6 5 22 7 1 1 | 1 6 5 22 7 1 | | 1 | 1 | |

| | | Self Pro | pelled Vess | els | Non-Self I | Propelled | | Self F | ropelled Ve | ssels | Non-Self I | Propelled |
|---|---|--|---|--------------------------------|------------|-----------|--|---|--|---|--------------------------|-----------------------------------|
| Draft | Total Dry | / Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| BUFFALO I | HARBOR, NY | - continue | ed Upbound | d | | | | | Downbou | ind | | |
| DOMESTIC | | | | | | | | | | | | |
| 19 18 17 14 13 12 | 13 21 3 — 2 | 13 19 3 | = | | | == | 1 1 6 | | | 1 Total | 1 1 trips: | |
| PORT OF | BUFFALO, NY | , | Inbound | 4 | | | | | Outbou | ınd | | |
| Grand Total | 166 | 92 | | 37 | 1 | 36 | 151 | 85 | —- | 32 | 8 | 26 |
| FOREIGN | | | | | | | | | | | | |
| Total 27 26 25 24 23 22 21 20 18 17 16 15 | 46 5 — 2 3 12 13 2 2 1 1 — | 40 5 2 3 12 13 2 2 1 | | | | 2 | 64 8 1 2 3 2 3 4 2 20 1 6 1 1 | 8 1 2 3 2 3 4 2 20 1 1 —— | | 9 ———————————————————————————————————— | | 2 |
| DOMESTIC | | | | | | | | | | | | |
| Total 26 25 24 23 22 21 20 19 18 17 16 15 14 13 | 120 1 6 5 22 7 1 4 41 5 — 5 13 2 1 7 | 52 1 6 5 22 7 1 4 6 | | 33 | | 34 | 87 ———————————————————————————————————— | 22 3 —- —- —- | | 23 | | 24 |
| OSWEGO | HARBOR, NY | | Upbound | d | | | | | Downbou | ınd | | |
| Grand Total FOREIGN | 152 | 87 | 28 | 20 | 3 | 14 | 152 | 87 | 28 | 20 | 3 | 14 |
| Total 28 26 25 24 23 22 21 20 19 18 17 | 150 1 2 10 6 5 1 78 6 17 | 87 1 2 9 4 4 66 | 28 | 19 — — — — — — — — — — — — 112 | | 13 | 152 2 3 4 3 24 56 12 7 7 7 5 13 | 3 3 3 21 43 9 — 1 4 | 28 2 1 3 13 3 2 4 | 20 13 | | 14 7 6 1 |

| | | Self P | ropelled Ves | sels | Non-Self I | | | Self F | Propelled Ves | sels | Non-Self I | |
|--------------------------|-------------------------|--------------------------|-----------------|-------------|-------------------|----------------|-------|-----------|-----------------|--------------|-------------------|----------------|
| Draft | Total | | Tanker | Tow or | Vess Dry Cargo | sels Tanker | Total | Dry Cargo | Tanker | Tow or | Vess Dry Cargo | sels Tanker |
| OSWEGO I | | NY - contin | | Tug | Dry Gargo | ranker | rotai | Dry Gargo | Downboun | Tug d | Dry Gargo | Tariker |
| FOREIGN | | | Oppoun | iu | | | | | Downboan | u | | |
| 14 13 12 | 2 1 21 | | <u></u> 1 | 2 4 | | 13 | | | | | | |
| DOMESTIC | ; | | | | | | | | | | | |
| Total 13 12 | 2 1 1 | l — | | 1 1 — | | | = | | | Tota | I trips: | 304 |
| BARCELO No V | | OR, NY os Reported | | | | | | | | | | |
| CAPE VIN No V | CENT, NY /essel Trip | s Reported | | | | | | | | | | |
| DUNKIRK (19 fee | HARBOR, t and less) | | labour | .d | | | | | Outhour | d | | |
| Grand Total | 16 | 16 | Inboun —- | <u></u> | | | 16 | 16 | Outboun —- | | I trips: | 32 |
| GREAT SO No V | ODUS BAY essel Trip | / HARBOR, os Reported | NY | | | | | | | | | |
| | | HARBOR, I s Reported | | | | | | | | | | |
| NIAGARA No V | | Y os Reported | | | | | | | | | | |
| NIAGARA (20 fee | RIVER, Not and less) | | Upboun | nd | | | | | Downboun | d | | |
| Grand Total | 65 | 3 | — <u>-</u> | 30 | 6 | 26 | 72 | 3 | — <u>-</u> | 33 | | 36 |
| OGDENSE | | RBOR, NY | | | | | | | | | l trips: | 137 |
| Grand | t and less, | 1 | Inboun | ıd | | | | | Outboun | d | | |
| Total | 12 | ! 12 | | | | | 11 | 11 | | —- Tota | I trips: | |
| PORT CLI (4 feet | NTON HA | RBOR, OH | Inboun | ıd | | | | | Outboun | d | | |
| Grand Total | 2,721 | 2,721 | _ | _ | _ | _ | 2,721 | 2,721 | _ | | L trips: | 5,442 |
| | ER (CHAR t and less) | RLOTTE) HA | | | | | | | | | | |
| Grand | | | Inboun | ıd | | | | | Outboun | d | | |
| Total | 44 | 44 | | | | | 44 | 44 | | Tota | I trips: | 88 |

| D# | | Self P | ropelled Ve | ssels | Non-Self I Vess | | | Self P | ropelled Ve | essels | Non-Self I Vess | |
|----------------|-------------------------|-----------|-------------|---------------|--------------------|--------|-------|-----------|-------------|---------------|--------------------|--------|
| Draft | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |
| (4 feet | S HARBOR t and less) | | Inbou | ınd | | | | | Outbo | und | | |
| Grand Total | 22 | 2 22 | | _ | | | 2 | 3 23 | | Tota | —- I trips: | 45 |
| | NDA HARI | BOR, NY | | | | | | | | | • | |

No Vessel Trips Reported

VERMILION HARBOR, OH No Vessel Trips Reported

WADDINGTON HARBOR, NY No Vessel Trips Reported

| | | | | | Non-Self F | Propelled | | | | | Non-Self I | Propelled |
|----------------------------------|---|------------|--------------------|------------------------------|--|--|--|-----------|-------------|--------------------------------------|---|---|
| Draft | | | ropelled Ve | Tow or | Vess | sels | | | ropelled Ve | Ssels Tow or | Vess | sels |
| | Total | Dry Cargo | Tanker | Tug | Dry Cargo | Tanker | Total | Dry Cargo | Tanker | Tug | Dry Cargo | Tanker |
| ILLINOIS RI | VER, IL | | Upbou | nd | | | | | Downbou | nd | | |
| Grand Total | 23,975 | _ | | 5,282 | 15,882 | 2,811 | 24,035 | | | 5,282 | 15,941 | 2,812 |
| DOMESTIC | | | | | | | | | | | | |
| Total 12 11 10 9 8 7 6 5 4 3 2 1 | 23,975 229 367 397 5,963 7,290 1,971 1,196 529 431 106 5,464 32 | | | 5,282 | 15,882 196 325 153 4,274 5,221 575 139 73 55 90 4,749 32 | 2,811 33 31 190 1,067 573 151 21 14 11 16 704 | 24,035 11 111 196 5,143 7,050 1,107 1,309 459 429 120 8,068 32 | | | 5,282 | 9 84 146 3,674 5,202 295 98 6 4 23 | 2,812 2 23 112 316 468 86 68 4 54 97 1,672 10 48,010 |
| CALUMET- | SAG CHA | NNEL, IL | Upbou | nd | | | | | Downbou | nd | | |
| Grand Total | 4,540 | _ | | 296 | 3,919 | 325 | 4,497 | | | 296 | 3,869 | 332 |
| DOMESTIC | | | | | | | | | | | | |
| Total 12 11 10 9 8 7 6 5 4 3 2 | 4,540 2 13 88 1,813 1,712 284 99 51 36 32 406 4 | | | 296 1 1 40 33 132 21 24 38 6 | 3,919 1 11 31 1,706 1,499 228 72 10 26 14 317 4 | 325 | 4,497 7 4 93 574 905 151 49 79 3 14 2,612 | | | 296 1 1 1 1 31 120 20 23 38 11 Tota | 3 3 19 520 755 105 24 | 332 3 |
| CHICAGO S | SANITARY | Y AND SHIP | CANAL, II Upbou | | | | | | Downbou | nd | | |
| Grand Total | 14,440 | | | 2,715 | 10,152 | 1,573 | 14,448 | | | 2,715 | 10,153 | 1,580 |
| DOMESTIC | | | | | | | | | | | | |
| Total 12 | 14,440 14,440 | | | 2,715 2,715 | 10,152 10,152 | 1,573 1,573 | 14,448 14,448 | | = | 2,715 2,715 Tota | 10,153 10,153 trips: | 1,580 1,580 28,888 |
| ILLINOIS W | /ATERWA | Y, IL | Upbou | nd | | | | | Downbou | nd | | |
| Grand Total | 29,278 | | | 6,875 | 19,265 | 3,138 | 29,335 | | | 6,875 | 19,321 | 3,139 |
| DOMESTIC | | | | | | | | | | | | |
| Total 12 | 29,278 29,278 | _ | _ | 6,875 6,875 | 19,265 19,265 | 3,138 3,138 | 29,335 29,335 | = | = | 6,875 6,875 Tota | 19,321 19,321 trips: | 3,139 3,139 58,613 |

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| SACKETS HARBOR, NY | S |
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| SAULT STE. MARIE, MI | |
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| ST. JAMES (BEAVER ISLAND), MI | |
| ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE (INCLUDED IN ST. MARYS RIVER) | E, ONTARIO SHIP CANAL, CN |
| ST. MARYS RIVER, MI | |
| STURGEON BAY AND LAKE MICHIGAN SHIP CANAL, V | |
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| TONAWANDA HARBOR, NY | |
| TRAVERSE CITY HARBOR, MI | |
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State Tonnage Report (Total waterborne commerce by state)
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Summary of United States Flag Vessels

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