
WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 2001

Part 1—
Waterways and Harbors
Atlantic Coast



Department of the Army
Corps of Engineers

Institute for Water Resources

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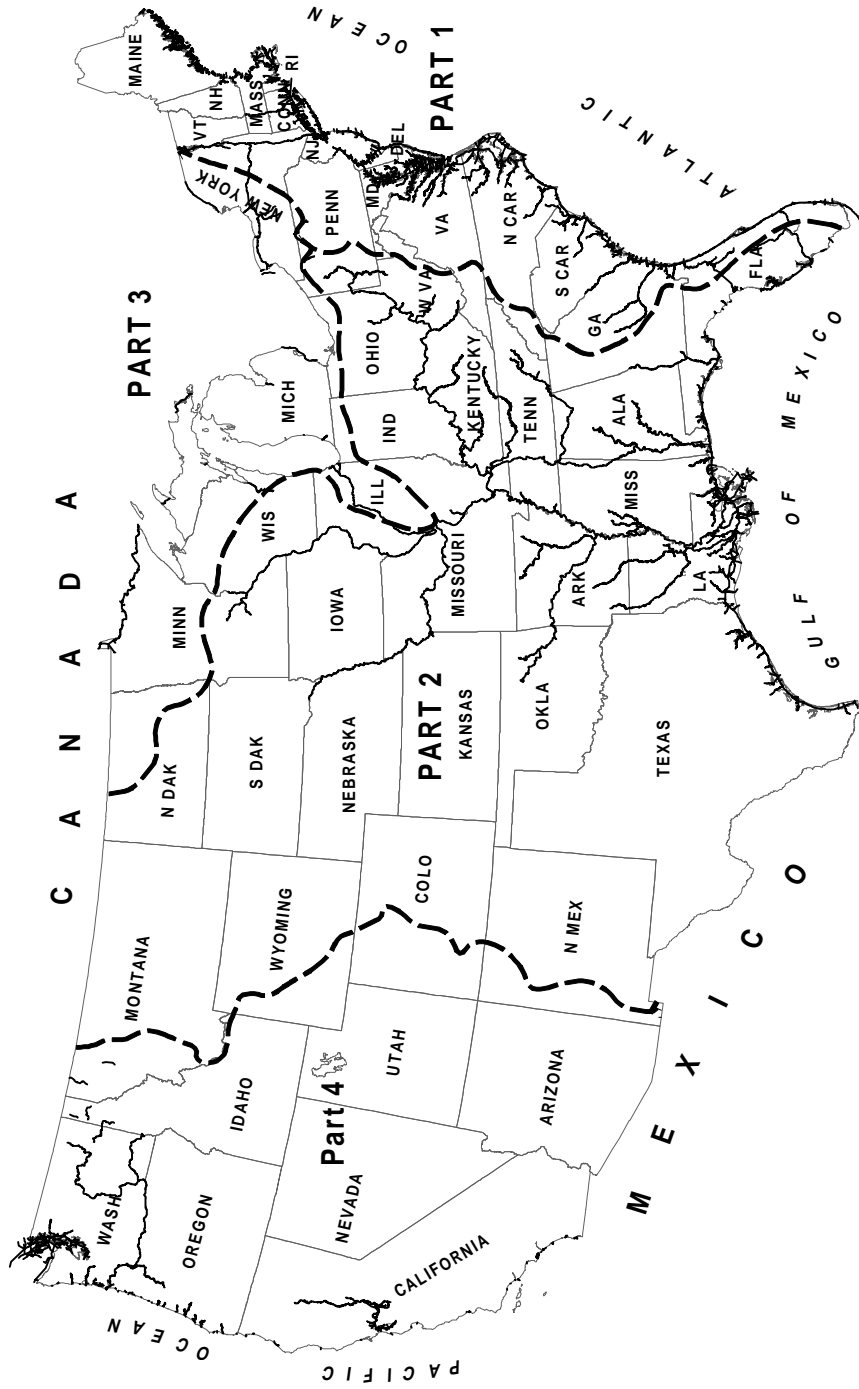


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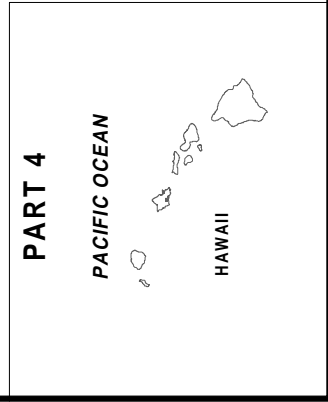
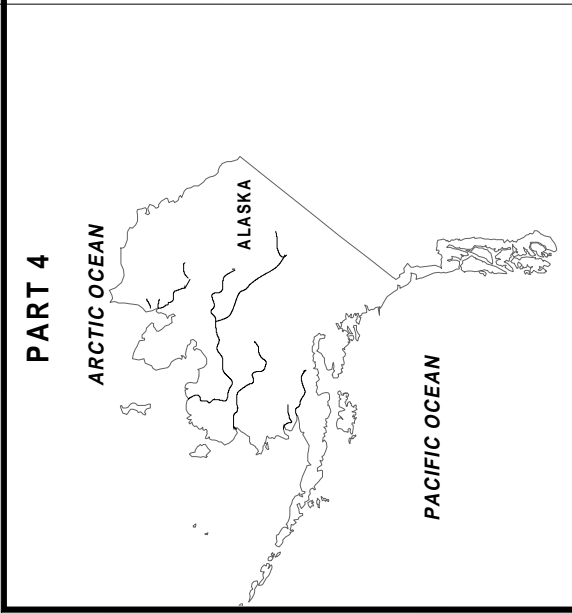
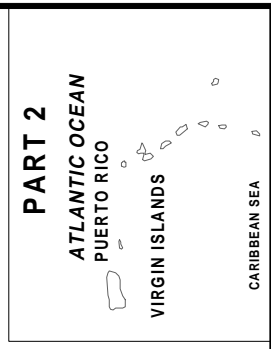
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Geographical Areas Covered by
Waterborne Commerce Statistics Publications
of the
DEPARTMENT OF THE ARMY CORPS OF ENGINEERS
(Heavy broken lines indicate the limits embraced by
each part of the five part series)



WATERBORNE COMMERCE OF THE UNITED STATES

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



PART 5

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Introduction

General

Waterborne Commerce of the United States, WCUS, Part 1 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, U.S. Customs, and purchased from the Journal of Commerce, 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: Provided. That this provision shall not apply to those rafting logs, except upon a direct request upon the owner to furnish specific information.

Every 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. In 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 Journal of Commerce and supplemented by data furnished to the Corps of Engineers by the U.S. Bureau of the Census and the U.S. Customs Service. 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. 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, 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 (2000 pounds). Tonnage figures are rounded to the nearest 1000 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 1000 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 calendar year 2001.

Beginning in calendar 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.

The calendar year 2001 **WCSC, Parts 1-5** publications include the revised tonnage for the calendar year 2000 inbound foreign crude petroleum.

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 (2000 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.

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

00 Units

0200 Vehicles
0300 Passengers

10 Coal

1100 Coal
1200 Coal Coke

20 Petroleum & Petroleum Products

21 Crude Petroleum

2100 Crude Petroleum

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 Liquid Natural Gas
2990 Petro. Products NEC

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

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, & Halogen Salts
3276 Metallic Salts
3279 Inorganic Chem. NEC
3281 Radioactive Material
3282 Pigments & Paints

Major Grouping

Minor Grouping

Pub Group Pub Name

3283 Coloring Mat. NEC
3284 Medicines
3285 Perfumes & Cleansers
3286 Plastics
3291 Pesticides
3292 Starches, Gluten, Glue
3293 Explosives
3297 Chemical Additives
3298 Wood & Resin Chem.
3299 Chem. Products NEC

40 Crude Materials, Inedible Except Fuels

41 Forest Products, Wood and Chips

4110 Rubber & Gums
4150 Fuel Wood
4161 Wood Chips
4170 Wood in the Rough
4189 Lumber
4190 Forest Products NEC

42 Pulp and Waste Paper

4225 Pulp & Waste Paper

43 Soil, Sand, Gravel, Rock and Stone

4310 Building Stone
4322 Limestone
4323 Gypsum
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

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

50 Primary Manufactured Goods

Commodity Classification List (continued)

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

Section 1

Freight Traffic

PENOBSCOT RIVER, ME

Section Included: Mouth to Bangor, Maintained Depth: 18.2 feet in channel opposite Lawrence Cove and 20.5 feet in channel opposite Frankfort Flats, 11.7' at Bangor Harbor. Tidal range to 13 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,774	1995	1,696	1998	1,556	2001	298
1993	1,602	1996	1,393	1999	1,157		
1994	1,653	1997	1,698	2000	745		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic		
		Inbound	Inbound	Total	Coastwise	Internal
				Receipts		Intra Upbound
Total, all commodities	298	8	25	265	254	11
Total petroleum and petroleum products	298	8	25	265	254	11
Subtotal petroleum products	298	8	25	265	254	11
2211 gasoline	102	—	8	94	94	—
2221 kerosene	10	—	—	10	10	—
2330 distillate fuel oil	37	8	17	11	1	11
2340 residual fuel oil	98	—	—	98	98	—
2430 asphalt, tar & pitch	51	—	—	51	51	—
Ton-miles (x1000)	3,840	161	473	3,206	3,141	65

Tons All Traffic (x1000) **298**
Ton-miles All Traffic (x1000) **3,841**

SEARSPORT HARBOR, ME

Section Included: Access Channel leading to turning basin and turning basin off piers at Mack Point. Controlling Depth: 34 feet in 35 foot Access Channel; 33.5 feet in 35 foot turning basin. Project Depth: 35 feet, all at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	783	1995	1,263	1998	1,329	2001	1,196
1993	1,407	1996	1,433	1999	1,302		
1994	1,136	1997	1,537	2000	1,441		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic		
		Inbound	Inbound	Total	Coastwise	Internal
				Receipts	Shipments	Intraport
Total, all commodities	1,196	217	690	288	269	8
Total petroleum and petroleum products	1,060	192	626	241	222	8
Subtotal petroleum products	1,060	192	626	241	222	8
2211 gasoline	231	21	207	4	4	—
2221 kerosene	26	—	26	—	—	—
2330 distillate fuel oil	255	50	205	—	—	—
2340 residual fuel oil	518	92	189	238	218	8
2540 petroleum coke	30	30	—	—	—	—
Total chemicals and related products	65	18	—	47	47	—
Subtotal other chemicals and related products	65	18	—	47	47	—
3274 sodium hydroxide	60	13	—	47	47	—
3299 chem. products nec	5	5	—	—	—	—
Total crude materials, inedible except fuels	70	7	63	—	—	—
Subtotal iron ore and scrap	7	7	—	—	—	—
4420 iron & steel scrap	7	7	—	—	—	—
Subtotal other non-metal. min.	63	—	63	—	—	—
4900 non-metal. min. nec	63	—	63	—	—	—
Total food and farm products	1	—	1	—	—	—
Subtotal fish	0	—	0	—	—	—
6134 fish (not shellfish)	0	—	0	—	—	—
Subtotal processed grain and animal feed	1	—	1	—	—	—
6782 animal feed, prep.	1	—	1	—	—	—
Total all manufactured equipment, machinery and products	0	—	0	—	—	—
7110 machinery (not elec)	0	—	0	—	—	—

PORTLAND HARBOR, ME

Section Included: Northern limit from the mouth of the Presumpscot River on the west to the northern extremity of Great Diamond Island on the east; and the southern limit from Portland Head Light to the southern extremity of Cushing Island across the Main Ship Channel. Included within this area are the waterfronts of Portland, South Portland and Back Cove. Controlling Depth: 45 feet from the sea to the limit of the 45-foot channel; 44.8 feet in Main Ship Channel; 44.0 feet in 45-foot House Island anchorage; 33.5 feet in middle half of channel to Portland Bridge, thence 33.8 feet to upstream limit in the 35-foot Fore River Channel; 27 feet in 30 foot anchorage with shoaling to 24.2 feet in northeastern portion. Project Depth: 45 feet from open ocean to Portland Pipeline Corp. Terminal; 45 foot anchorage northwest of House Island; 30 foot anchorage off Fish Point, 35 feet in Fore River Channel; all at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	12,511	1995	11,456	1998	15,064	2001	28,492
1993	11,171	1996	15,243	1999	20,371		
1994	14,245	1997	16,334	2000	28,795		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound	Inbound*	Outbound*
Total, all commodities	26,449	23,081	177	3,167	23
Total coal	120	120	---	---	---
1100 coal lignite	120	120	---	---	---
Total petroleum and petroleum products	25,639	22,682	---	2,956	---
Subtotal crude petroleum	23,093	22,079	---	1,014	---
2100 crude petroleum	23,093	22,079	---	1,014	---
Subtotal petroleum products	2,545	603	---	1,943	---
2211 gasoline	1,457	137	---	1,319	---
2221 kerosene	75	52	---	23	---
2330 distillate fuel oil	579	96	---	483	---
2340 residual fuel oil	90	52	---	38	---
2350 lube oil & greases	345	265	---	80	---
Total chemicals and related products	108	99	5	1	4
Subtotal other chemicals and related products	108	99	5	1	4
3282 pigments & paints	5	---	5	---	---
3286 plastics	4	---	---	0	4
3292 starches, gluten, glue	19	18	---	1	---
3299 chem. products nec	81	81	---	---	---
Total crude materials, inedible except fuels	418	176	120	112	10
Subtotal forest products, wood and chips	11	5	1	5	1
4170 wood in the rough	0	---	---	0	---
4189 lumber	6	5	1	---	0
4190 forest products nec	5	---	---	5	1
Subtotal pulp and waste paper	76	6	61	---	9
4225 pulp & waste paper	76	6	61	---	9
Subtotal soil, sand, gravel, rock and stone	0	---	---	0	---
4310 building stone	0	---	---	0	---
Subtotal iron ore and scrap	58	---	58	---	---
4420 iron & steel scrap	58	---	58	---	---
Subtotal sulphur, clay and salt	53	53	---	---	---
4782 clay & refrac. mat.	53	53	---	---	---
Subtotal other non-metal. min.	219	112	---	108	---
4900 non-metal. min. nec	219	112	---	108	---
Total primary manufactured goods	155	4	52	92	7
Subtotal paper products	101	---	6	88	7
5110 newsprint	87	---	---	87	---
5120 paper & paperboard	13	---	6	1	6
5190 paper products nec	1	---	---	0	1
Subtotal lime, cement and glass	46	---	46	0	---
5220 cement & concrete	42	---	42	---	---
5240 glass & glass prod.	4	---	4	---	---
5290 misc. mineral prod.	0	---	---	0	---
Subtotal primary iron and steel products	3	2	---	0	0
5312 pig iron	0	---	---	0	---
5320 i&s primary forms	0	---	---	---	0
5360 i&s bars & shapes	2	2	---	---	---
5370 i&s pipe & tube	0	---	---	0	---
Subtotal primary non-ferrous metal products	3	---	---	3	0
5480 fab. metal products	3	---	---	3	0
Subtotal primary wood products	2	2	---	---	---
5540 primary wood prod.	2	2	---	---	---
Total food and farm products	5	---	---	4	1
Subtotal fish	1	---	---	0	1
6134 fish (not shellfish)	1	---	---	0	1
6136 shellfish	0	---	---	0	0
Subtotal other agricultural products	4	---	---	3	0
6811 meat, fresh, frozen	0	---	---	---	0
6835 fish, prepared	0	---	---	0	---
6839 animals & prod. nec	0	---	---	0	0
6885 alcoholic beverages	3	---	---	3	0
6889 food products nec	0	---	---	0	---
6899 farm products nec	0	---	---	0	---
Total all manufactured equipment, machinery and products	3	0	0	2	1
7110 machinery (not elec)	1	0	0	1	0
7210 vehicles & parts	0	---	---	0	0

PORTLAND HARBOR, ME
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound	Inbound*	Outbound*
7400 manufac. wood prod.	0	—	—	0	—
7500 textile products	1	—	—	1	0
7600 rubber & plastic pr.	0	—	—	—	0
7900 manufac. prod. nec	1	—	—	0	0
Total unknown or not elsewhere classified	1	—	—	1	0
9900 unknown or nec	1	—	—	1	0
Ton-miles (x1000) Foreign & Canadian	29,332	24,079	274	4,936	42

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Upbound	Downbound
Total, all commodities	2,043	1,914	14	104	11
Total coal	174	174	—	—	—
1100 coal lignite	174	174	—	—	—
Total petroleum and petroleum products	1,862	1,733	14	104	11
Subtotal petroleum products	1,862	1,733	14	104	11
2211 gasoline	829	829	—	—	—
2221 kerosene	66	58	8	—	—
2330 distillate fuel oil	641	630	2	5	3
2340 residual fuel oil	315	204	3	99	8
2430 asphalt, tar & pitch	11	11	—	—	—
Total chemicals and related products	7	7	—	—	—
Subtotal other chemicals and related products	7	7	—	—	—
3297 chemical additives	7	7	—	—	—
Ton-miles (x1000) Domestic	4,333	4,170	42	104	18

Tons All Traffic (x1000) 28,492
Ton-miles All Traffic (x1000) 33,665

*Includes 22,988 (x1000) tons of foreign inbound in-transits; Includes 1,871 (x1000) tons of Canadian inbound in-transits;
Includes 0 (x1000) tons of Canadian outbound in-transits.

PORTSMOUTH HARBOR, NH

Section Included: From Mouth to Newington, NH, on the west bank of the Piscataqua River. Controlling Depth: Middle half of channel 33.2 feet to upstream limit. Project Depth: 35 feet at mean low water over ledges.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	3,738	1995	3,914	1998	4,194	2001	4,447
1993	3,692	1996	3,708	1999	4,556		
1994	3,479	1997	3,954	2000	4,462		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound	Total	Coastwise	
						Receipts	Shipments
Total, all commodities	4,447	1,934	81	1,858	574	556	17
Total coal	581	561	—	—	20	20	—
1100 coal lignite	581	561	—	—	20	20	—
Total petroleum and petroleum products	1,826	470	—	836	521	503	17
Subtotal petroleum products	1,826	470	—	836	521	503	17
2211 gasoline	393	30	—	274	88	88	—
2221 kerosene	56	15	—	15	27	27	—
2330 distillate fuel oil	730	143	—	547	40	23	17
2340 residual fuel oil	225	—	—	—	225	225	—
2430 asphalt, tar & pitch	141	—	—	—	141	141	—
2640 liquid natural gas	282	282	—	—	—	—	—
Total chemicals and related products	30	30	—	—	—	—	—
Subtotal other chemicals and related products	30	30	—	—	—	—	—
3274 sodium hydroxide	30	30	—	—	—	—	—

PORTSMOUTH HARBOR, NH
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound	Total	Coastwise	
					Receipts	Shipments	
Total crude materials, inedible except fuels	1,844	827	---	1,017	---	---	---
Subtotal soil, sand, gravel, rock and stone	715	---	---	715	---	---	---
4323 gypsum	715	---	---	715	---	---	---
Subtotal other non-metal. min.	1,129	827	---	302	---	---	---
4900 non-metal. min. nec	1,129	827	---	302	---	---	---
Total primary manufactured goods	72	39	0	---	33	33	---
Subtotal lime, cement and glass	71	39	---	---	32	32	---
5220 cement & concrete	32	---	---	---	32	32	---
5290 misc. mineral prod.	39	39	---	---	---	---	---
Subtotal primary non-ferrous metal products	1	---	0	---	1	1	---
5480 fab. metal products	1	---	0	---	1	1	---
Total food and farm products	15	---	15	---	---	---	---
Subtotal processed grain and animal feed	6	---	6	---	---	---	---
6782 animal feed, prep.	6	---	6	---	---	---	---
Subtotal other agricultural products	10	---	10	---	---	---	---
6838 tallow, animal oils	10	---	10	---	---	---	---
Total all manufactured equipment, machinery and products	71	5	64	2	---	---	---
7110 machinery (not elec)	7	3	4	---	---	---	---
7120 electrical machinery	62	2	59	---	---	---	---
7210 vehicles & parts	2	---	---	2	---	---	---
Total unknown or not elsewhere classified	6	2	2	2	---	---	---
9900 unknown or nec	6	2	2	2	---	---	---
Ton-miles (x1000)	17,054	6,107	314	7,339	3,295	3,233	62

Tons All Traffic (x1000) 4,447
Ton-miles All Traffic (x1000) 17,054

SALEM HARBOR, MA

Section Included: Westerly shore of harbor. Controlling Depth: 30 feet at mean low water in the 32-foot channel. Project Depth: Main channel 32 feet at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,439	1995	1,197	1998	1,692	2001	1,058
1993	1,558	1996	1,432	1999	1,422		
1994	1,227	1997	1,599	2000	1,205		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic		
		Inbound	Inbound	Total	Coastwise	
				Receipts	Shipments	
Total, all commodities	1,058	801	21	236	235	1
Total coal	777	697	---	80	80	---
1100 coal lignite	777	697	---	80	80	---
Total petroleum and petroleum products	281	104	21	156	155	1
Subtotal petroleum products	281	104	21	156	155	1
2330 distillate fuel oil	0	---	---	0	0	---
2340 residual fuel oil	281	104	21	156	155	1
Total food and farm products	0	0	---	---	---	---
Subtotal fish	0	0	---	---	---	---
6134 fish (not shellfish)	0	0	---	---	---	---

PORT OF BOSTON, MA

Section Included: Boston Harbor, including all the tidewater lying within a line from Point Allerton to Point Shirley, and extending westward to the mainland, comprising an area of approximately 47 square miles. Controlling Depth: Main Ship Channel to opposite Pier 49, 36.1 feet. Other channels range from 15 to 40 feet. President Roads Anchorage, 38.1 feet. Project Depth: A channel 40 feet deep in general, but 45 feet through rock 900 feet wide, widening at the outer end to 1,100 feet from the sea to President Roads, through Broad Sound. Other channels range from 12 to 40 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	19,208	1995	16,744	1998	21,222	2001	20,581
1993	19,448	1996	20,104	1999	22,171		
1994	18,870	1997	20,893	2000	20,751		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			Internal Intraport
		Inbound*	Outbound*	Inbound*	Outbound*	Total	Coastwise	Shipments	
						Receipts			
Total, all commodities	20,581	6,749	569	5,042	70	8,151	5,716	830	1,606
Total petroleum and petroleum products	14,865	4,866	0	4,648	0	5,350	4,569	357	425
Subtotal crude petroleum	379	107	---	272	---	---	---	---	---
2100 crude petroleum	379	107	---	272	---	---	---	---	---
Subtotal petroleum products	14,487	4,759	0	4,377	0	5,350	4,569	357	425
2211 gasoline	6,220	1,159	---	2,828	---	2,232	2,170	12	51
2221 kerosene	1,151	420	---	214	---	517	501	6	11
2330 distillate fuel oil	3,234	1,040	---	747	---	1,448	1,022	181	245
2340 residual fuel oil	1,682	637	---	113	---	932	657	159	116
2350 lube oil & greases	257	97	0	159	0	1	---	---	1
2410 petro. jelly & waxes	2	2	---	---	---	---	---	---	---
2429 naphtha & solvents	332	6	0	313	0	13	13	---	---
2430 asphalt, tar & pitch	207	---	---	---	---	207	207	---	---
2540 petroleum coke	3	0	---	3	---	---	---	---	---
2640 liquid natural gas	1,398	1,398	---	---	---	---	---	---	---
Total chemicals and related products	160	122	5	10	2	21	21	---	---
Subtotal fertilizers	0	0	0	---	0	---	---	---	---
3110 nitrogenous fert.	0	0	0	---	0	---	---	---	---
3190 fert. & mixes nec	0	---	---	---	---	---	---	---	---
Subtotal other chemicals and related products	160	122	5	10	2	21	21	---	---
3211 acyclic hydrocarbons	7	7	0	---	0	---	---	---	---
3212 benzene & toluene	0	---	---	---	0	---	---	---	---
3219 other hydrocarbons	0	0	0	0	---	---	---	---	---
3220 alcohols	4	4	0	0	0	---	---	---	---
3230 carboxylic acids	49	49	0	0	0	---	---	---	---
3240 nitrogen func. comp.	1	1	0	0	0	---	---	---	---
3250 organo - inorg. comp.	0	0	---	0	---	---	---	---	---
3260 organic comp. nec	3	3	0	0	---	---	---	---	---
3274 sodium hydroxide	33	33	0	---	0	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	2	1	0	1	0	---	---	---	---
3276 metallic salts	15	1	0	1	0	13	13	---	---
3279 inorganic chem. nec	2	2	0	0	0	---	---	---	---
3282 pigments & paints	3	2	1	0	0	---	---	---	---
3283 coloring mat. nec	3	2	0	0	1	---	---	---	---
3284 medicines	0	0	0	0	0	---	---	---	---
3285 perfumes & cleansers	3	2	0	0	0	---	---	---	---
3286 plastics	11	7	2	2	1	---	---	---	---
3291 pesticides	0	0	---	---	---	---	---	---	---
3292 starches, gluten, glue	0	0	0	0	0	---	---	---	---
3297 chemical additives	8	0	0	0	---	8	8	---	---
3299 chem. products nec	13	7	1	6	0	---	---	---	---
Total crude materials, inedible except fuels	1,904	869	494	256	54	231	---	231	---
Subtotal forest products, wood and chips	29	7	17	2	4	---	---	---	---
4110 rubber & gums	5	5	0	---	---	---	---	---	---
4150 fuel wood	0	---	---	---	0	---	---	---	---
4170 wood in the rough	6	0	6	0	---	---	---	---	---
4189 lumber	16	2	11	0	3	---	---	---	---
4190 forest products nec	2	0	0	2	0	---	---	---	---
Subtotal pulp and waste paper	33	0	32	---	0	---	---	---	---
4225 pulp & waste paper	33	0	32	---	0	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	356	10	0	155	0	190	---	190	---
4310 building stone	11	10	0	0	---	---	---	---	---
4322 limestone	0	0	---	---	---	---	---	---	---
4323 gypsum	155	---	---	155	---	---	---	---	---
4331 sand & gravel	190	0	0	---	0	190	---	190	---
Subtotal iron ore and scrap	569	33	445	---	50	41	---	41	---
4420 iron & steel scrap	569	33	445	---	50	41	---	41	---
Subtotal non-ferrous ores and scrap	1	0	0	0	0	---	---	---	---
4650 aluminum ore	0	0	---	---	---	---	---	---	---
4680 non-ferrous scrap	0	0	0	0	0	---	---	---	---
4690 non-ferrous ores nec	0	---	---	0	---	---	---	---	---
Subtotal sulphur, clay and salt	0	0	---	---	---	---	---	---	---
4782 clay & refrac. mat.	0	0	---	---	---	---	---	---	---

PORT OF BOSTON, MA
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			Internal Intraport
		Inbound*	Outbound*	Inbound*	Outbound*	Total	Coastwise		
							Receipts	Shipments	
Subtotal other non-metal. min.	916	817	0	98	---	---	---	---	
4900 non-metal. min. nec	916	817	0	98	---	---	---	---	
Total primary manufactured goods	1,366	438	32	51	4	841	835	6	
Subtotal paper products	25	17	3	4	0	---	---	---	
5110 newsprint	6	6	---	---	---	---	---	---	
5120 paper & paperboard	16	10	2	4	0	---	---	---	
5190 paper products nec	2	1	1	0	0	---	---	---	
Subtotal lime, cement and glass	1,220	337	1	41	0	841	835	6	
5220 cement & concrete	1,115	247	---	26	---	841	835	6	
5240 glass & glass prod.	6	3	0	2	0	---	---	---	
5290 misc. mineral prod.	100	87	0	12	0	---	---	---	
Subtotal primary iron and steel products	33	19	9	2	3	---	---	---	
5312 pig iron	4	0	4	---	---	---	---	---	
5320 i&s primary forms	10	4	4	0	2	---	---	---	
5330 i&s plates & sheets	9	7	0	0	1	---	---	---	
5360 i&s bars & shapes	8	7	0	1	---	---	---	---	
5370 i&s pipe & tube	1	0	---	0	---	---	---	---	
5390 primary i&s nec	1	1	0	0	---	---	---	---	
Subtotal primary non-ferrous metal products	83	60	19	4	1	---	---	---	
5421 copper	49	47	0	2	0	---	---	---	
5422 aluminum	1	1	0	1	---	---	---	---	
5429 smelted prod. nec	14	1	12	0	0	---	---	---	
5480 fab. metal products	19	11	6	2	0	---	---	---	
Subtotal primary wood products	5	5	0	0	0	---	---	---	
5540 primary wood prod.	5	5	0	0	0	---	---	---	
Total food and farm products	299	236	17	41	5	---	---	---	
Subtotal fish	45	28	4	10	3	---	---	---	
6134 fish (not shellfish)	38	25	3	7	2	---	---	---	
6136 shellfish	7	3	1	3	1	---	---	---	
Subtotal grain	1	0	0	1	---	---	---	---	
6241 wheat	0	0	---	---	---	---	---	---	
6344 corn	0	---	0	---	---	---	---	---	
6442 rice	1	0	---	1	---	---	---	---	
6443 barley & rye	0	0	---	---	---	---	---	---	
Subtotal oilseeds	0	0	0	---	---	---	---	---	
6590 oilseeds nec	0	0	0	---	---	---	---	---	
Subtotal vegetable products	57	55	0	2	0	---	---	---	
6653 vegetable oils	50	50	0	0	---	---	---	---	
6654 vegetables & prod.	7	5	0	2	0	---	---	---	
Subtotal processed grain and animal feed	4	3	0	1	---	---	---	---	
6747 grain mill products	4	3	0	1	---	---	---	---	
6782 animal feed, prep.	0	0	---	---	---	---	---	---	
Subtotal other agricultural products	192	150	12	27	2	---	---	---	
6811 meat, fresh, frozen	0	---	---	0	0	---	---	---	
6817 meat, prepared	0	0	---	0	---	---	---	---	
6822 dairy products	1	1	0	0	---	---	---	---	
6835 fish, prepared	2	1	0	1	0	---	---	---	
6838 tallow, animal oils	0	0	---	---	---	---	---	---	
6839 animals & prod. nec	9	1	8	0	0	---	---	---	
6857 fruit & nuts nec	0	0	---	0	---	---	---	---	
6858 fruit juices	6	2	1	2	1	---	---	---	
6861 sugar	1	0	1	---	0	---	---	---	
6871 coffee	0	0	---	0	---	---	---	---	
6872 cocoa beans	0	0	---	---	---	---	---	---	
6885 alcoholic beverages	159	137	0	22	0	---	---	---	
6888 water & ice	4	4	---	0	---	---	---	---	
6889 food products nec	9	4	2	2	1	---	---	---	
6891 tobacco & products	0	---	0	0	---	---	---	---	
6893 cotton	0	0	0	---	---	---	---	---	
6894 natural fibers nec	0	0	---	0	---	---	---	---	
6899 farm products nec	0	0	---	0	---	---	---	---	
Total all manufactured equipment, machinery and products	784	207	16	31	4	526	290	236	
7110 machinery (not elec)	27	21	4	2	1	---	---	---	
7120 electrical machinery	8	5	1	1	0	---	---	---	
7210 vehicles & parts	163	158	3	1	1	---	---	---	
7220 aircraft & parts	0	0	---	---	---	---	---	---	
7230 ships & boats	0	0	0	0	0	---	---	---	
7300 ordnance & access.	0	0	---	---	---	---	---	---	
7400 manufac. wood prod.	1	1	0	0	0	---	---	---	
7500 textile products	14	6	2	7	0	---	---	---	
7600 rubber & plastic pr.	8	5	1	2	0	---	---	---	
7900 manufac. prod. nec	563	13	5	17	2	526	290	236	
Total waste and scrap nec	1,181	---	---	---	---	1,181	---	1,181	
8900 waste and scrap nec	1,181	---	---	---	---	1,181	---	1,181	

PORT OF BOSTON, MA
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound*	Outbound*	Inbound*	Outbound*	Total	Coastwise		Internal
						Receipts	Shipments	Inraport	
Total unknown or not elsewhere classified	22	12	6	4	1	---	---	---	---
9900 unknown or nec	22	12	6	4	1	---	---	---	---

*Includes 21 (x1000) tons of foreign inbound in-transits; Includes 1 (x1000) tons of foreign outbound in-transits;
Includes 1 (x1000) tons of Canadian inbound in-transits; Includes 0 (x1000) tons of Canadian outbound in-transits.

MAIN WATERFRONT (INCLUDED IN PORT OF BOSTON)

Section Included: From a point in President Roads between Deer Island and Long Island to the mouths of Ft. Point Channel, Charles River, Mystic River, and Chelsea River. Maintained Depth: 38 feet in 40-foot channel to opposite pier no. 49; 34 feet in the 35-foot area and 34 feet in the President Roads Anchorage; 34 feet in the 35-foot channel and 33 feet in waterfront channel. Tidal range 10 feet at mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	17,462	1995	14,448	1998	18,731	2001	17,916
1993	18,009	1996	17,777	1999	20,056		
1994	17,040	1997	18,394	2000	17,250		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	1,707	976	110	602	20
Total petroleum and petroleum products	870	376	0	493	0
Subtotal crude petroleum	11	---	---	11	---
2100 crude petroleum	11	---	---	11	---
Subtotal petroleum products	859	376	0	482	0
2211 gasoline	236	18	---	218	---
2221 kerosene	279	221	---	58	---
2330 distillate fuel oil	244	74	---	170	---
2350 lube oil & greases	0	0	0	---	0
2410 petro. jelly & waxes	2	2	---	---	---
2429 naphtha & solvents	36	0	0	36	0
2540 petroleum coke	0	0	---	---	---
2640 liquid natural gas	60	60	---	---	---
Total chemicals and related products	100	88	5	5	2
Subtotal fertilizers	0	0	0	---	0
3110 nitrogenous fert.	0	0	0	---	0
3190 fert. & mixes nec	0	---	0	---	---
Subtotal other chemicals and related products	100	88	5	5	2
3211 acyclic hydrocarbons	7	7	0	---	0
3212 benzene & toluene	0	---	---	---	0
3219 other hydrocarbons	0	0	0	0	---
3220 alcohols	4	4	0	0	0
3230 carboxylic acids	22	21	0	0	0
3240 nitrogen func. comp.	1	1	0	0	0
3250 organo - inorg. comp.	0	0	---	0	---
3260 organic comp. nec	3	3	0	0	---
3274 sodium hydroxide	27	27	0	---	0
3275 inorg. elem.,oxides, & halogen salts	2	1	0	1	0
3276 metallic salts	2	1	0	1	0
3279 inorganic chem. nec	2	2	0	0	0
3282 pigments & paints	3	2	1	0	0
3283 coloring mat. nec	3	2	0	0	1
3284 medicines	0	0	0	0	0
3285 perfumes & cleansers	3	2	0	0	0
3286 plastics	10	6	2	2	1
3291 pesticides	0	0	---	---	---
3292 starches, gluten, glue	0	0	0	0	0
3297 chemical additives	0	0	0	0	---
3299 chem. products nec	8	7	1	1	0
Total crude materials, inedible except fuels	84	17	60	2	4
Subtotal forest products, wood and chips	28	6	16	2	4
4110 rubber & gums	5	5	0	---	---
4150 fuel wood	0	---	---	---	0
4170 wood in the rough	6	0	6	0	---
4189 lumber	15	1	10	0	3
4190 forest products nec	2	0	0	2	0
Subtotal pulp and waste paper	32	0	32	---	0
4225 pulp & waste paper	32	0	32	---	0
Subtotal soil, sand, gravel, rock and stone	11	10	0	0	0
4310 building stone	11	10	0	0	---
4322 limestone	0	0	---	---	---
4331 sand & gravel	0	0	0	---	0
Subtotal iron ore and scrap	11	---	11	---	---
4420 iron & steel scrap	11	---	11	---	---

MAIN WATERFRONT (INCLUDED IN PORT OF BOSTON)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Subtotal non-ferrous ores and scrap	1	0	0	0	0
4650 aluminum ore	0	0	—	—	—
4680 non-ferrous scrap	0	0	0	0	0
4690 non-ferrous ores nec	0	—	—	0	—
Subtotal sulphur, clay and salt	0	0	—	—	—
4782 clay & refrac. mat.	0	0	—	—	—
Subtotal other non-metal. min.	0	0	0	0	—
4900 non-metal. min. nec	0	0	0	0	—
Total primary manufactured goods	270	230	11	25	4
Subtotal paper products	24	16	3	4	0
5110 newsprint	6	6	—	—	—
5120 paper & paperboard	15	9	2	4	0
5190 paper products nec	2	1	1	0	0
Subtotal lime, cement and glass	153	137	1	15	0
5220 cement & concrete	106	106	—	—	—
5240 glass & glass prod.	6	3	0	2	0
5290 misc. mineral prod.	41	28	0	12	0
Subtotal primary iron and steel products	23	14	4	2	3
5312 pig iron	0	0	—	—	—
5320 i&s primary forms	10	4	4	0	2
5330 i&s plates & sheets	4	2	0	0	1
5360 i&s bars & shapes	8	7	0	1	—
5370 i&s pipe & tube	1	0	—	0	—
5390 primary i&s nec	1	0	0	0	—
Subtotal primary non-ferrous metal products	67	60	3	4	1
5421 copper	49	47	0	2	0
5422 aluminum	1	1	0	1	—
5429 smelted prod. nec	2	1	1	0	0
5480 fab. metal products	14	11	1	2	0
Subtotal primary wood products	4	4	0	0	0
5540 primary wood prod.	4	4	0	0	0
Total food and farm products	263	204	14	41	4
Subtotal fish	19	5	1	10	3
6134 fish (not shellfish)	14	4	1	7	2
6136 shellfish	5	1	0	2	1
Subtotal grain	1	0	—	1	—
6241 wheat	0	0	—	—	—
6442 rice	1	0	—	1	—
6443 barley & rye	0	0	—	—	—
Subtotal oilseeds	0	0	0	—	—
6590 oilseeds nec	0	0	0	—	—
Subtotal vegetable products	49	47	0	2	0
6653 vegetable oils	42	42	—	0	—
6654 vegetables & prod.	7	5	0	2	0
Subtotal processed grain and animal feed	4	3	0	1	—
6747 grain mill products	4	3	0	1	—
6782 animal feed, prep.	0	0	—	—	—
Subtotal other agricultural products	191	149	12	27	2
6811 meat, fresh, frozen	0	—	—	0	0
6817 meat, prepared	0	0	—	0	—
6822 dairy products	1	1	—	0	—
6835 fish, prepared	2	0	0	1	0
6838 tallow, animal oils	0	0	—	—	—
6839 animals & prod. nec	9	1	8	0	0
6857 fruit & nuts nec	0	0	—	0	—
6858 fruit juices	6	2	1	2	1
6861 sugar	1	0	1	—	0
6871 coffee	0	0	—	0	—
6872 cocoa beans	0	0	—	—	—
6885 alcoholic beverages	159	137	0	22	0
6888 water & ice	4	4	—	0	—
6889 food products nec	9	4	2	2	1
6891 tobacco & products	0	—	0	0	—
6893 cotton	0	0	0	—	—
6894 natural fibers nec	0	0	—	0	—
6899 farm products nec	0	0	—	0	—
Total all manufactured equipment, machinery and products	99	49	14	31	4
7110 machinery (not elec)	21	16	2	2	1
7120 electrical machinery	7	5	1	1	0
7210 vehicles & parts	11	6	3	1	1
7220 aircraft & parts	0	0	—	—	—
7230 ships & boats	0	0	0	0	0
7300 ordnance & access.	0	0	—	—	—
7400 manufac. wood prod.	1	1	0	0	0
7500 textile products	14	6	2	7	0
7600 rubber & plastic pr.	8	4	1	2	0
7900 manufac. prod. nec	36	12	5	17	2

MAIN WATERFRONT (INCLUDED IN PORT OF BOSTON)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total unknown or not elsewhere classified	21	10	5	4	1
9900 unknown or nec	21	10	5	4	1
Ton-miles (x1000) Foreign & Canadian	1,707	976	110	602	20

Commodity	Total**	Domestic						
		Coastwise		Internal				
		Receipts	Shipments	Inbound		Outbound		Intra
				Upbound	Downbnd	Upbound	Downbnd	Downbnd
Total, all commodities	2,525	2,267	190	2	2	15	47	1
Total petroleum and petroleum products	2,322	2,254	0	2	2	15	47	1
Subtotal petroleum products	2,322	2,254	0	2	2	15	47	1
2211 gasoline	1,113	1,113	—	—	—	—	—	—
2221 kerosene	434	434	—	—	—	—	—	—
2330 distillate fuel oil	457	455	—	—	2	0	0	0
2340 residual fuel oil	316	252	0	2	—	14	47	1
2350 lube oil & greases	1	—	—	—	—	1	1	0
Total chemicals and related products	13	13	—	—	—	—	—	—
Subtotal other chemicals and related products	13	13	—	—	—	—	—	—
3276 metallic salts	13	13	—	—	—	—	—	—
Total crude materials, inedible except fuels	190	—	190	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	190	—	190	—	—	—	—	—
4331 sand & gravel	190	—	190	—	—	—	—	—
Ton-miles (x1000) Domestic	2,875	2,308	382	9	2	6	165	3
Tons All Traffic (x1000)			17,916					
Ton-miles All Traffic (x1000)			79,700					

*Includes 12 (x1000) tons of foreign inbound in-transits; Includes 1 (x1000) tons of foreign outbound in-transits;
Includes 1 (x1000) tons of Canadian inbound in-transits; Includes 0 (x1000) tons of Canadian outbound in-transits.

**Does not include 13,684 (x1000) tons of through traffic.

CHELSEA RIVER, MA (INCLUDED IN PORT OF BOSTON)

Section Included: From mouth to about 1.6 miles upstream. Maintained Depth at Mid-Channel: From McArdle Bridge to Chelsea Street Bridge 29.6 feet; from Chelsea Street Bridge to turning basin 33.6 feet. Tidal range to 10 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	8,821	1995	6,995	1998	7,559	2001	6,586
1993	8,276	1996	6,583	1999	7,397		
1994	8,013	1997	6,090	2000	6,869		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign	Canadian
		Inbound	Inbound
Total, all commodities	4,910	2,726	2,184
Total petroleum and petroleum products	3,997	1,813	2,184
Subtotal crude petroleum	215	73	142
2100 crude petroleum	215	73	142
Subtotal petroleum products	3,781	1,740	2,042
2211 gasoline	1,639	391	1,249
2221 kerosene	239	142	97
2330 distillate fuel oil	1,094	742	352
2340 residual fuel oil	429	373	56
2350 lube oil & greases	90	—	90
2429 naphtha & solvents	195	—	195
2540 petroleum coke	3	—	3
2640 liquid natural gas	92	92	—
Total chemicals and related products	19	19	—
Subtotal other chemicals and related products	19	19	—
3230 carboxylic acids	13	13	—

CHelsea RIVER, MA (INCLUDED IN PORT OF BOSTON)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign	Canadian
		Inbound	Inbound
3274 sodium hydroxide	6	6	—
Total crude materials, inedible except fuels	817	817	—
Subtotal other non-metal. min.	817	817	—
4900 non-metal. min. nec	817	817	—
Total primary manufactured goods	76	76	—
Subtotal lime, cement and glass	73	73	—
5220 cement & concrete	14	14	—
5290 misc. mineral prod.	58	58	—
Subtotal primary iron and steel products	3	3	—
5330 i&s plates & sheets	3	3	—
5390 primary i&s nec	0	0	—
Total all manufactured equipment, machinery and products	2	2	—
7110 machinery (not elec)	1	1	—
7120 electrical machinery	1	1	—
Ton-miles (x1000) Foreign & Canadian	14,730	8,178	6,552

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound	Outbound	Intra	
				Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	1,676	1,352	164	85	39	17	18
Total petroleum and petroleum products	1,669	1,346	164	85	39	17	18
Subtotal petroleum products	1,669	1,346	164	85	39	17	18
2211 gasoline	648	614	—	25	8	—	0
2221 kerosene	32	27	6	—	—	—	—
2330 distillate fuel oil	547	304	154	31	22	17	17
2340 residual fuel oil	292	251	4	28	8	0	—
2350 lube oil & greases	1	—	—	1	—	0	—
2429 naphtha & solvents	13	13	—	—	—	—	—
2430 asphalt, tar & pitch	136	136	—	—	—	—	—
Total chemicals and related products	6	6	—	—	—	—	—
Subtotal other chemicals and related products	6	6	—	—	—	—	—
3297 chemical additives	6	6	—	—	—	—	—
Ton-miles (x1000) Domestic	3,867	3,052	480	197	102	18	18
Tons All Traffic (x1000)	6,586						
Ton-miles All Traffic (x1000)	18,597						

MYSTIC RIVER, MA (INCLUDED IN PORT OF BOSTON)

Section Included: From mouth of river to Boston Edison Facility, thence upstream about 800 feet. Controlling Depth: From Mystic Bridge to upstream end of Revere Sugar Refinery Dock 34.0 feet; from Revere Sugar Refinery Dock to upstream limit of 35 foot channel, 33.7 feet in maintained portion; 13 feet in 20-foot channel. Project Depth: Channel 35 feet deep extending from the upper limit in 35-foot channel of Boston Harbor to 300 feet downstream of Malden Bridge; thence 20 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	5,069	1995	3,517	1998	3,856	2001	7,082
1993	5,581	1996	3,954	1999	6,043		
1994	4,538	1997	4,396	2000	6,391		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total**	Foreign		Canadian		Domestic			
		Inbound*	Outbound	Inbound	Outbound	Total	Coastwise	Internal	
						Receipts	Shipments	Inbound	
						Upbound	Downbound	Upbound	
Total, all commodities	6,083	1,962	455	1,628	50	1,987	1,639	288	61
Total petroleum and petroleum products	3,832	1,769	—	1,370	—	693	628	4	61
Subtotal crude petroleum	118	—	—	118	—	—	—	—	—
2100 crude petroleum	118	—	—	118	—	—	—	—	—
Subtotal petroleum products	3,714	1,769	—	1,252	—	693	628	4	61
2211 gasoline	1,654	357	—	971	—	326	326	—	—
2221 kerosene	51	9	—	35	—	8	8	—	—
2330 distillate fuel oil	335	79	—	57	—	199	166	4	29

MYSTIC RIVER, MA (INCLUDED IN PORT OF BOSTON)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Grand Total**	Foreign		Canadian		Domestic			Internal Inbound Upbound
		Inbound*	Outbound	Inbound	Outbound	Total	Coastwise		
						Receipts	Shipments		
2340 residual fuel oil	219	72	—	57	—	91	59	—	32
2350 lube oil & greases	69	—	—	69	—	0	—	—	0
2429 naphtha & solvents	70	6	—	64	—	—	—	—	—
2430 asphalt, tar & pitch	70	—	—	—	—	70	70	—	—
2640 liquid natural gas	1,246	1,246	—	—	—	—	—	—	—
Total chemicals and related products	6	0	—	5	—	1	1	—	—
Subtotal other chemicals and related products	6	0	—	5	—	1	1	—	—
3279 inorganic chem. nec	0	0	—	—	—	—	—	—	—
3282 pigments & paints	0	0	—	—	—	—	—	—	—
3283 coloring mat. nec	0	0	—	—	—	—	—	—	—
3297 chemical additives	1	—	—	—	—	1	1	—	—
3299 chem. products nec	5	0	—	5	—	—	—	—	—
Total crude materials, inedible except fuels	812	34	433	253	50	41	—	41	—
Subtotal forest products, wood and chips	0	0	—	—	—	—	—	—	—
4170 wood in the rough	0	0	—	—	—	—	—	—	—
4189 lumber	0	0	—	—	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	155	—	—	155	—	—	—	—	—
4323 gypsum	155	—	—	155	—	—	—	—	—
Subtotal iron ore and scrap	558	33	433	—	50	41	—	41	—
4420 iron & steel scrap	558	33	433	—	50	41	—	41	—
Subtotal other non-metal. min.	98	—	—	98	—	—	—	—	—
4900 non-metal. min. nec	98	—	—	98	—	—	—	—	—
Total primary manufactured goods	749	3	21	—	—	726	720	6	—
Subtotal paper products	0	0	—	—	—	—	—	—	—
5120 paper & paperboard	0	0	—	—	—	—	—	—	—
Subtotal lime, cement and glass	726	0	—	—	—	726	720	6	—
5220 cement & concrete	726	—	—	—	—	726	720	6	—
5290 misc. mineral prod.	0	0	—	—	—	—	—	—	—
Subtotal primary iron and steel products	6	1	4	—	—	—	—	—	—
5312 pig iron	4	—	4	—	—	—	—	—	—
5330 i&s plates & sheets	1	1	—	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	16	—	16	—	—	—	—	—	—
5429 smelted prod. nec	11	—	11	—	—	—	—	—	—
5480 fab. metal products	5	—	5	—	—	—	—	—	—
Subtotal primary wood products	2	2	—	—	—	—	—	—	—
5540 primary wood prod.	2	2	—	—	—	—	—	—	—
Total food and farm products	0	0	—	—	—	—	—	—	—
Subtotal fish	0	0	—	—	—	—	—	—	—
6134 fish (not shellfish)	0	0	—	—	—	—	—	—	—
Subtotal vegetable products	0	0	—	—	—	—	—	—	—
6653 vegetable oils	0	0	—	—	—	—	—	—	—
Subtotal other agricultural products	0	0	—	—	—	—	—	—	—
6885 alcoholic beverages	0	0	—	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	683	156	1	0	—	526	290	236	—
7110 machinery (not elec)	5	4	1	—	—	—	—	—	—
7210 vehicles & parts	152	152	0	—	—	—	—	—	—
7220 aircraft & parts	0	0	—	—	—	—	—	—	—
7230 ships & boats	0	0	—	—	—	—	—	—	—
7400 manufac. wood prod.	0	0	—	—	—	—	—	—	—
7600 rubber & plastic pr.	0	0	—	—	—	—	—	—	—
7900 manufac. prod. nec	526	0	—	0	—	526	290	236	—

MYSTIC RIVER, MA (INCLUDED IN PORT OF BOSTON)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Grand Total**	Foreign		Canadian		Domestic			Internal Inbound Upbound
		Inbound*	Outbound	Inbound	Outbound	Total	Coastwise		
						Receipts	Shipments		
Total unknown or not elsewhere classified	1	1	0	---	---	---	---	---	---
9900 unknown or nec	1	1	0	---	---	---	---	---	---
Ton-miles (x1000)	6,094	1,962	455	1,628	50	2,051	1,639	296	64
Tons All Traffic (x1000)			7,082						
Ton-miles All Traffic (x1000)			7,093						

*Includes 8 (x1000) tons of foreign inbound in-transits.

**Does not include 999 (x1000) tons of through traffic.

WEYMOUTH FORE RIVER, MA (INCLUDED IN PORT OF BOSTON)

Section Included: From mouth to head of navigation. Controlling Depth: 34 feet in the 35-foot channel except 32.3 feet at siphon opposite King Cove, original siphon has been replaced. New siphon is below project depth. Project Depth: 35 feet from deep water in Boston Harbor via Nantucket Gut and Hingham Bay to a point about 2,500 feet above Fore River Bridge: 27 feet in channel between Nut and Peddocks Islands.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,153	1995	1,834	1998	1,884	2001	2,446
1993	1,154	1996	1,948	1999	1,699		
1994	1,606	1997	1,990	2000	2,997		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total*	Foreign	Canadian	Domestic			Internal	
		Inbound	Inbound	Total	Coastwise		Inbound Upbound	Outbound Downbnd
				Receipts	Shipments			
Total, all commodities	2,103	542	214	1,348	121	28	636	563
Total petroleum and petroleum products	914	534	214	166	121	28	10	7
Subtotal crude petroleum	34	34	---	---	---	---	---	---
2100 crude petroleum	34	34	---	---	---	---	---	---
Subtotal petroleum products	880	500	214	166	121	28	10	7
2211 gasoline	500	291	104	105	90	12	3	---
2221 kerosene	57	48	9	---	---	---	---	---
2330 distillate fuel oil	156	29	97	30	15	---	7	7
2340 residual fuel oil	67	35	---	32	15	17	---	---
2350 lube oil & greases	96	96	---	---	---	---	---	---
2429 naphtha & solvents	4	---	4	---	---	---	---	---
Total chemicals and related products	6	6	---	---	---	---	---	---
Subtotal other chemicals and related products	6	6	---	---	---	---	---	---
3230 carboxylic acids	6	6	---	---	---	---	---	---
3279 inorganic chem. nec	0	0	---	---	---	---	---	---
3283 coloring mat. nec	0	0	---	---	---	---	---	---
Total primary manufactured goods	0	0	---	---	---	---	---	---
Subtotal paper products	0	0	---	---	---	---	---	---
5120 paper & paperboard	0	0	---	---	---	---	---	---
Subtotal primary non-ferrous metal products	0	0	---	---	---	---	---	---
5421 copper	0	0	---	---	---	---	---	---
Total food and farm products	2	2	---	---	---	---	---	---
Subtotal vegetable products	2	2	---	---	---	---	---	---
6653 vegetable oils	2	2	---	---	---	---	---	---
Subtotal other agricultural products	0	0	---	---	---	---	---	---
6885 alcoholic beverages	0	0	---	---	---	---	---	---
Total all manufactured equipment, machinery and products	0	0	---	---	---	---	---	---
7110 machinery (not elec)	0	0	---	---	---	---	---	---
Total waste and scrap nec	1,181	---	---	1,181	---	---	626	555
8900 waste and scrap nec	1,181	---	---	1,181	---	---	626	555
Total unknown or not elsewhere classified	0	0	---	---	---	---	---	---
9900 unknown or nec	0	0	---	---	---	---	---	---
Ton-miles (x1000)	16,813	4,332	1,709	13,071	966	219	5,086	4,501
Tons All Traffic (x1000)			2,446					
Ton-miles All Traffic (x1000)			19,218					

*Does not include 343 (x1000) tons of through traffic.

TOWN RIVER, MA (INCLUDED IN PORT OF BOSTON)

Section Included: From confluence with Weymouth Fore River, for about 1.5 miles to head of navigation. Controlling Depth: 32 feet in the 35 foot channel: 34.2 feet in the 35 foot turning basin; and 7.6 feet above turning basin. Project Depth: 35 feet at mean low water from Weymouth Fore River to Quincy Oil Company Terminal, with a turning basin of 35 feet depth; thence 15 feet to just below Quincy Light & Power Company Plant.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	34	1995	199	1998	518	2001	428
1993	79	1996	269	1999	514		
1994	133	1997	321	2000	556		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic			
		Inbound	Receipts	Total	Internal		
					Upbound	Downbnd	Intra Upbound
Total, all commodities	428	15	413	210	86	32	85
Total petroleum and petroleum products	413	---	413	210	86	32	85
Subtotal petroleum products	413	---	413	210	86	32	85
2211 gasoline	47	---	47	25	22	---	---
2221 kerosene	43	---	43	33	11	---	---
2330 distillate fuel oil	252	---	252	82	53	32	85
2340 residual fuel oil	70	---	70	70	0	---	---
2350 lube oil & greases	0	---	0	---	0	---	---
Total chemicals and related products	9	9	---	---	---	---	---
Subtotal other chemicals and related products	9	9	---	---	---	---	---
3230 carboxylic acids	9	9	---	---	---	---	---
Total food and farm products	6	6	---	---	---	---	---
Subtotal vegetable products	6	6	---	---	---	---	---
6653 vegetable oils	6	6	---	---	---	---	---
Ton-miles (x1000)	428	15	413	210	86	32	85
Tons All Traffic (x1000)	428						
Ton-miles All Traffic (x1000)	428						

CAPE COD CANAL, MA

Section Included: Entire length 17.4 miles: Extending from the outer end of the northerly breakwater in Cape Cod Bay to a point in Buzzards Bay near Cleveland Ledge about 5 miles southwest of Wings Neck Light. Controlling Depth: 32 feet in the Land Cut; 30.8 feet in Hog Island Channel; 32 feet in Cleveland Ledge Channel, 24.1 feet in East Mooring Basin and 29.4 feet in West Mooring Basin. Project Channel Depth: 32 feet at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	11,326	1995	10,051	1998	11,654	2001	7,844
1993	12,035	1996	9,666	1999	11,067		
1994	10,799	1997	11,033	2000	10,317		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic				
		Through		Total	Coastwise		Internal Through	
		Upbound	Downbnd		Upbound	Downbnd		
Total, all commodities	7,844	119	564	7,161	6,346	792	11	11
Total coal	274	---	---	274	274	---	---	---
1100 coal lignite	274	---	---	274	274	---	---	---
Total petroleum and petroleum products	5,600	67	301	5,232	4,932	301	---	---
Subtotal crude petroleum	3	---	---	3	3	---	---	---
2100 crude petroleum	3	---	---	3	3	---	---	---
Subtotal petroleum products	5,596	67	301	5,229	4,928	301	---	---
2211 gasoline	1,901	22	41	1,838	1,798	40	---	---
2221 kerosene	136	---	---	136	133	3	---	---
2330 distillate fuel oil	1,034	6	---	1,029	868	160	---	---
2340 residual fuel oil	2,093	39	250	1,804	1,706	97	---	---
2429 naphtha & solvents	13	---	---	13	13	---	---	---
2430 asphalt, tar & pitch	419	---	9	410	410	---	---	---
Total chemicals and related products	61	---	---	61	55	6	---	---
Subtotal other chemicals and related products	61	---	---	61	55	6	---	---
3274 sodium hydroxide	33	---	---	33	27	6	---	---
3276 metallic salts	13	---	---	13	13	---	---	---
3297 chemical additives	15	---	---	15	15	---	---	---

CAPE COD CANAL, MA
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Total	Domestic			
		Through			Coastwise	Internal		
		Upbound	Downbnd			Upbound	Downbnd	Upbound
Total crude materials, inedible except fuels	445	13	201	231	---	231	---	---
Subtotal soil, sand, gravel, rock and stone	391	---	201	190	---	190	---	---
4323 gypsum	201	---	201	---	---	---	---	---
4331 sand & gravel	190	---	---	190	---	190	---	---
Subtotal iron ore and scrap	41	---	---	41	---	41	---	---
4420 iron & steel scrap	41	---	---	41	---	41	---	---
Subtotal other non-metal. min.	13	13	---	---	---	---	---	---
4900 non-metal. min. nec	13	13	---	---	---	---	---	---
Total primary manufactured goods	864	15	13	836	796	18	11	11
Subtotal paper products	16	3	13	---	---	---	---	---
5190 paper products nec	16	3	13	---	---	---	---	---
Subtotal lime, cement and glass	848	12	---	836	796	18	11	11
5220 cement & concrete	848	12	---	836	796	18	11	11
Total food and farm products	16	---	16	---	---	---	---	---
Subtotal fish	16	---	16	---	---	---	---	---
6134 fish (not shellfish)	16	---	16	---	---	---	---	---
Total all manufactured equipment, machinery and products	584	24	34	526	290	236	---	---
7210 vehicles & parts	15	10	5	---	---	---	---	---
7900 manufac. prod. nec	569	14	29	526	290	236	---	---
Ton-miles (x1000)	136,644	2,147	10,145	124,351	112,160	12,192	0	0

Tons All Traffic (x1000) 7,844
Ton-miles All Traffic (x1000) 136,644

NEW BEDFORD AND FAIRHAVEN HARBOR, MA

Section Included: From deepwater in Buzzards Bay through the Route 6 Bridge. Controlling Depth: 27.4 feet; branch channels range from 9 to 25 feet. Project Depth: 30 feet in entrance channel, maneuvering area northwest of Palmers Island and Turning Basin above Fish Island. Branch channels range from 10 to 25 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	484	1995	570	1998	533	2001	818
1993	503	1996	516	1999	687		
1994	601	1997	554	2000	813		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic			
		Inbound*	Inbound	Total	Coastwise	Internal	
				Receipts	Shipments	Intraport	
Total, all commodities	818	106	56	656	231	418	8
Total petroleum and petroleum products	420	86	56	278	230	40	8
Subtotal petroleum products	420	86	56	278	230	40	8
2211 gasoline	15	---	---	15	---	15	---
2330 distillate fuel oil	142	---	---	142	118	17	8
2340 residual fuel oil	263	86	56	121	112	9	---
Total crude materials, inedible except fuels	374	---	---	374	---	374	---
Subtotal soil, sand, gravel, rock and stone	374	---	---	374	---	374	---
4331 sand & gravel	374	---	---	374	---	374	---
Subtotal other non-metal. min.	1	---	---	1	---	1	---
4900 non-metal. min. nec	1	---	---	1	---	1	---
Total food and farm products	20	20	---	---	---	---	---
Subtotal fish	10	10	---	---	---	---	---
6134 fish (not shellfish)	10	10	---	---	---	---	---
6136 shellfish	0	0	---	---	---	---	---
Subtotal vegetable products	0	0	---	---	---	---	---
6654 vegetables & prod.	0	0	---	---	---	---	---
Subtotal other agricultural products	10	10	---	---	---	---	---
6835 fish, prepared	0	0	---	---	---	---	---
6839 animals & prod. nec	0	0	---	---	---	---	---
6857 fruit & nuts nec	10	10	---	---	---	---	---
Total all manufactured equipment, machinery and products	4	---	---	4	1	3	---
7110 machinery (not elec)	1	---	---	1	1	0	---

NEW BEDFORD AND FAIRHAVEN HARBOR, MA
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic			
		Inbound*	Inbound	Total	Coastwise	Internal	
				Receipts	Shipments	Inraport	
7210 vehicles & parts	0	—	—	0	—	0	—
7400 manufac. wood prod.	3	—	—	3	—	3	—
Total unknown or not elsewhere classified	0	0	—	—	—	—	—
9900 unknown or nec	0	0	—	—	—	—	—

*Includes 10 (x1000) tons of foreign inbound in-transits.

FALL RIVER HARBOR, MA

Section Included: From the Railroad Bridge between Aquidneck Island and Tiverton in a northerly direction to Trestle Pier Light in the Taunton River. Controlling Depth: 33 feet with shoaling on limits in the 35-foot channel. 400 feet wide through Mount Hope Bay to the Braga Bridge; thence 25.2 feet in the 35-foot channel to the wharves above the bridge; 31.8 feet in the 35-foot turning basin. Project Depth: 40 feet in channel and turning basin; 40 feet on lower end of Hog Island shoal; dredged to 35 feet; 40 foot project inactive.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	3,530	1995	3,282	1998	3,776	2001	3,382
1993	3,458	1996	3,180	1999	3,395		
1994	4,178	1997	3,394	2000	3,402		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic		
		Inbound	Inbound	Total	Coastwise	Internal
				Receipts	Shipments	Receipts
Total, all commodities	3,382	612	10	2,760	2,745	16
Total coal	2,869	331	—	2,538	2,526	12
1100 coal lignite	2,869	331	—	2,538	2,526	12
Total petroleum and petroleum products	434	212	—	222	219	3
Subtotal petroleum products	434	212	—	222	219	3
2221 kerosene	4	—	—	4	4	—
2330 distillate fuel oil	112	—	—	112	112	—
2340 residual fuel oil	317	212	—	106	102	3
Total chemicals and related products	69	59	10	—	—	—
Subtotal other chemicals and related products	69	59	10	—	—	—
3274 sodium hydroxide	17	6	10	—	—	—
3275 inorg. elem., oxides, & halogen salts	6	6	—	—	—	—
3276 metallic salts	47	47	—	—	—	—
Total crude materials, inedible except fuels	10	10	—	—	—	—
Subtotal forest products, wood and chips	10	10	—	—	—	—
4110 rubber & gums	10	10	—	—	—	—

PROVIDENCE RIVER AND HARBOR, RI

Section Included: South of Prudence Light to Fox Point. Controlling Depth: 35.4 feet in the 40-foot channel from abreast North Point to Sabin Point Light; thence 30.3 feet from Sabin Point to head of harbor. Project Depth: At mean low water, 40 feet to Fox Point.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	6,185	1995	6,932	1998	8,028	2001	9,030
1993	6,558	1996	7,803	1999	8,627		
1994	6,567	1997	8,814	2000	8,870		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound	Outbound	Inbound	Total	Coastwise		Internal	
						Receipts	Shipments	Receipts	Intraport
Total, all commodities	9,030	2,373	390	535	5,732	5,432	276	18	5
Total petroleum and petroleum products	6,716	1,096	—	308	5,311	5,255	33	18	5
Subtotal petroleum products	6,716	1,096	—	308	5,311	5,255	33	18	5
2211 gasoline	4,413	402	—	276	3,735	3,726	9	—	—
2221 kerosene	30	17	—	—	14	12	2	—	—
2330 distillate fuel oil	1,735	360	—	32	1,343	1,298	22	18	5
2340 residual fuel oil	222	48	—	—	174	174	—	—	—
2350 lube oil & greases	0	—	—	—	0	0	—	—	—
2430 asphalt, tar & pitch	46	—	—	—	46	46	—	—	—
2540 petroleum coke	57	57	—	—	—	—	—	—	—
2640 liquid natural gas	213	213	—	—	—	—	—	—	—
Total chemicals and related products	68	25	—	—	43	43	—	—	—
Subtotal other chemicals and related products	68	25	—	—	43	43	—	—	—
3220 alcohols	9	9	—	—	—	—	—	—	—
3274 sodium hydroxide	58	15	—	—	43	43	—	—	—
3275 inorg. elem., oxides, & halogen salts	1	1	—	—	—	—	—	—	—
Total crude materials, inedible except fuels	1,125	524	354	227	19	—	19	—	—
Subtotal forest products, wood and chips	35	35	—	—	—	—	—	—	—
4110 rubber & gums	35	35	—	—	—	—	—	—	—
Subtotal iron ore and scrap	373	—	354	—	19	—	19	—	—
4420 iron & steel scrap	373	—	354	—	19	—	19	—	—
Subtotal non-ferrous ores and scrap	11	11	—	—	—	—	—	—	—
4650 aluminum ore	11	11	—	—	—	—	—	—	—
Subtotal other non-metal. min.	705	478	—	227	—	—	—	—	—
4900 non-metal. min. nec	705	478	—	227	—	—	—	—	—
Total primary manufactured goods	1,108	714	35	—	359	134	225	—	—
Subtotal lime, cement and glass	1,057	694	5	—	359	134	225	—	—
5220 cement & concrete	976	617	—	—	359	134	225	—	—
5240 glass & glass prod.	5	—	5	—	—	—	—	—	—
5290 misc. mineral prod.	76	76	—	—	—	—	—	—	—
Subtotal primary iron and steel products	20	20	—	—	—	—	—	—	—
5330 i&s plates & sheets	15	15	—	—	—	—	—	—	—
5360 i&s bars & shapes	5	5	—	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	30	—	30	—	—	—	—	—	—
5429 smelted prod. nec	30	—	30	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	13	13	—	—	—	—	—	—	—
7110 machinery (not elec)	3	3	—	—	—	—	—	—	—
7120 electrical machinery	0	0	—	—	—	—	—	—	—
7210 vehicles & parts	10	10	—	—	—	—	—	—	—

NEW LONDON HARBOR, CT

Section Included: From deepwater, upstream about 3.8 miles to opposite the State Pier, including Shaws Cove and Winthrop Cove. Controlling Depth: 38.5 feet in Main Channel with shoaling near limits; 20.1 feet in Waterfront Channel. Branch Channels range from 13 to 20 feet. Project Depth: 40 feet in Main Channel (deepened by U. S. Navy). 23 feet in channel along New London waterfront, 15 feet in Shaws Cove. All at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,765	1995	1,636	1998	2,036	2001	1,590
1993	1,793	1996	2,049	1999	1,734		
1994	1,675	1997	1,915	2000	1,771		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic			
		Inbound	Inbound	Total	Coastwise		
				Receipts	Shipments	Through Upbound	
Total, all commodities	1,590	41	58	1,491	340	8	1,143
Total coal	720	40	—	680	—	—	680
1100 coal lignite	720	40	—	680	—	—	680
Total petroleum and petroleum products	665	—	58	607	338	—	269
Subtotal petroleum products	665	—	58	607	338	—	269
2221 kerosene	6	—	—	6	6	—	—
2330 distillate fuel oil	329	—	—	329	274	—	55
2340 residual fuel oil	330	—	58	272	58	—	214
Total chemicals and related products	112	—	—	112	—	—	112
Subtotal other chemicals and related products	112	—	—	112	—	—	112
3219 other hydrocarbons	112	—	—	112	—	—	112
Total crude materials, inedible except fuels	83	—	—	83	—	—	83
Subtotal soil, sand, gravel, rock and stone	83	—	—	83	—	—	83
4322 limestone	83	—	—	83	—	—	83
Total primary manufactured goods	7	—	—	7	1	6	—
Subtotal primary non-ferrous metal products	7	—	—	7	1	6	—
5421 copper	5	—	—	5	—	5	—
5480 fab. metal products	2	—	—	2	1	1	—
Total food and farm products	1	1	—	—	—	—	—
Subtotal fish	1	1	—	—	—	—	—
6134 fish (not shellfish)	1	1	—	—	—	—	—
6136 shellfish	0	0	—	—	—	—	—
Total all manufactured equipment, machinery and products	2	—	—	2	0	2	—
7900 manufac. prod. nec	2	—	—	2	0	2	—

THAMES RIVER, CT

Section Included: From a point downstream of the New London Highway Bridge at New London to Norwich, CT. Controlling Depth: 34.5 feet to upstream end of U.S. Submarine Base; thence generally 25.0 feet in middle half of 25 foot channel to Allyn Point; Thence 18.3 feet to 1,500 feet above Poquetanuk Cove; then 18 feet upstream to Norwich Dike; thence 11 feet to upstream limit of project. Channel widened and deepened to 36 feet depth to upstream end of U.S. Submarine Base. Project Depth elsewhere in Reach: 25 feet to Norwich.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,135	1995	1,013	1998	1,428	2001	1,143
1993	1,001	1996	1,415	1999	1,130		
1994	965	1997	1,309	2000	1,140		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic
		Coastwise
		Receipts
Total, all commodities	1,143	1,143
Total coal	680	680
1100 coal lignite	680	680
Total petroleum and petroleum products	269	269
Subtotal petroleum products	269	269
2330 distillate fuel oil	55	55
2340 residual fuel oil	214	214
Total chemicals and related products	112	112
Subtotal other chemicals and related products	112	112

THAMES RIVER, CT
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Domestic
		Coastwise Receipts
3219 other hydrocarbons	112	112
Total crude materials, inedible except fuels	83	83
Subtotal soil, sand, gravel, rock and stone	83	83
4322 limestone	83	83
Ton-miles (x1000)	5,129	5,129
Tons All Traffic (x1000)	1,143	
Ton-miles All Traffic (x1000)	5,129	

CONNECTICUT RIVER BELOW HARTFORD, CT

Section Included: Saybrook to Hartford, CT, 52 miles. Controlling Depth: Generally 13 feet to Hartford, CT, mean low water. Project Depth: 15 feet at mean low water, Saybrook to Hartford. Navigation Season: Usually March 15 to December 15.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	986	1995	476	1998	702	2001	435
1993	638	1996	764	1999	554		
1994	594	1997	893	2000	560		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic
		Coastwise Receipts
Total, all commodities	435	435
Total petroleum and petroleum products	435	435
Subtotal petroleum products	435	435
2211 gasoline	15	15
2221 kerosene	2	2
2340 residual fuel oil	403	403
2430 asphalt, tar & pitch	15	15
Ton-miles (x1000)	12,197	12,197
Tons All Traffic (x1000)	435	
Ton-miles All Traffic (x1000)	12,197	

NEW HAVEN HARBOR, CT

Section Included: Main Harbor Channel: From deep water in Long Island Sound to the head of the main harbor near I-95 Bridge. The upper 1.5 miles of the harbor, Quinnipiac River: From Tomlinson Bridge to Grand Avenue Bridge 1.25 miles. West River: From the mouth to a point about 500 feet above the upstream side of the Kimberly Avenue Bridge about 1 mile. Mill River: From the mouth to Grand Avenue Bridge about 1,600 feet. Controlling Depth: Main Channel, 29.8 feet in left outside quarter, 30.5 feet in center, 31.5 feet in right outside quarter, 14 feet in the Quinnipiac River Channel to Ferry Street Draw Bridge, thence upstream 11.3 feet. Other channels range from 3 to 30 feet. Project Depth: Main Channel, 35 feet from Long Island Sound to head of harbor. Branch Channels range from 12 to 18 feet. All at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	8,430	1995	8,813	1998	9,193	2001	9,876
1993	8,740	1996	8,838	1999	8,687		
1994	9,471	1997	9,594	2000	10,604		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			Internal Intraport
		Inbound*	Outbound	Inbound	Total	Coastwise		
					Receipts	Shipments		
Total, all commodities	9,876	2,741	32	349	6,753	6,559	152	43
Total coal	156	115	—	—	41	—	41	—
1100 coal lignite	156	115	—	—	41	—	41	—
Total petroleum and petroleum products	7,766	1,505	—	349	5,912	5,792	77	43
Subtotal crude petroleum	17	17	—	—	—	—	—	—
2100 crude petroleum	17	17	—	—	—	—	—	—
Subtotal petroleum products	7,749	1,488	—	349	5,912	5,792	77	43
2211 gasoline	4,005	1,170	—	295	2,540	2,495	35	10
2221 kerosene	169	69	—	—	100	100	—	—
2330 distillate fuel oil	2,656	235	—	54	2,366	2,304	36	26
2340 residual fuel oil	704	13	—	—	690	677	6	7
2430 asphalt, tar & pitch	216	—	—	—	216	216	—	—
Total chemicals and related products	38	—	—	—	38	38	—	—
Subtotal other chemicals and related products	38	—	—	—	38	38	—	—
3219 other hydrocarbons	31	—	—	—	31	31	—	—
3274 sodium hydroxide	7	—	—	—	7	7	—	—
Total crude materials, inedible except fuels	904	369	25	—	510	487	23	—
Subtotal forest products, wood and chips	20	20	—	—	—	—	—	—
4189 lumber	20	20	—	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	521	17	—	—	505	482	23	—
4310 building stone	17	17	—	—	—	—	—	—
4331 sand & gravel	499	0	—	—	499	481	18	—
4335 waterway improv. mat	6	—	—	—	6	1	5	—
Subtotal iron ore and scrap	25	—	25	—	—	—	—	—
4420 iron & steel scrap	25	—	25	—	—	—	—	—
Subtotal other non-metal. min.	338	333	—	—	5	5	—	—
4900 non-metal. min. nec	338	333	—	—	5	5	—	—
Total primary manufactured goods	993	734	7	—	252	242	10	—
Subtotal lime, cement and glass	248	—	7	—	242	242	—	—
5220 cement & concrete	240	—	7	—	240	240	—	—
5240 glass & glass prod.	7	—	—	—	—	—	—	—
5290 misc. mineral prod.	2	—	—	—	2	2	—	—
Subtotal primary iron and steel products	498	498	—	—	—	—	—	—
5320 i&s primary forms	171	171	—	—	—	—	—	—
5330 i&s plates & sheets	222	222	—	—	—	—	—	—
5360 i&s bars & shapes	95	95	—	—	—	—	—	—
5370 i&s pipe & tube	7	7	—	—	—	—	—	—
5390 primary i&s nec	2	2	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	243	232	—	—	10	—	10	—
5421 copper	161	150	—	—	10	—	10	—
5422 aluminum	0	0	—	—	—	—	—	—
5429 smelted prod. nec	19	19	—	—	—	—	—	—
5480 fab. metal products	63	63	—	—	—	—	—	—
Subtotal primary wood products	4	4	—	—	—	—	—	—
5540 primary wood prod.	4	4	—	—	—	—	—	—
Total food and farm products	4	4	—	—	—	—	—	—
Subtotal other agricultural products	4	4	—	—	—	—	—	—
6856 bananas & plantains	4	4	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	15	15	—	—	0	—	—	0
7110 machinery (not elec)	15	15	—	—	0	—	—	0

*Includes 12 (x1000) tons of foreign inbound in-transits.

BRIDGEPORT HARBOR, CT

Section Included: Main Harbor: From deep water to 800 feet downstream of the Stratford Avenue Bridge. Pequonnock River: From Stratford Avenue Bridge to head of navigation, about 1 mile. Yellow Mill Channel: From a point about 1,800 feet below Stratford Avenue Bridge to the head of navigation, 1 mile. Johnsons River: From Pleasure Beach Bridge to head of navigation, about 1,600 feet. Black Rock Harbor: From about 2000 feet downstream of a Fayerweather Island to the head of navigation, about 2.5 miles. Maintained Depth: 34 feet to Bridgeport Light, thence 29.8 feet to upstream limit of the 35-foot Main Channel; 11 feet in the Pequonnock River Channel; 11.6 feet in Johnsons River to upstream end of channel; 12.9 feet in Yellow Mill Channel to about 2,000 feet upstream of Stratford Avenue Bridge, thence 5.9 feet to upstream limit. Branch channels range from 3 to 15 feet, 15 feet in Black Rock Harbor entrance channel; 15 feet in East Branch; 17 feet in West Branch. Tidal range to 7 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	2,948	1995	3,447	1998	4,626	2001	4,581
1993	2,942	1996	4,862	1999	4,154		
1994	3,054	1997	5,340	2000	4,255		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound*	Outbound	Inbound	Total	Coastwise		Internal Intraport
					Receipts	Shipments		
Total, all commodities	4,581	1,174	6	34	3,368	2,739	495	133
Total coal	1,111	293	---	---	819	689	---	129
1100 coal lignite	1,111	293	---	---	819	689	---	129
Total petroleum and petroleum products	2,646	650	---	34	1,962	1,463	495	4
Subtotal petroleum products	2,646	650	---	34	1,962	1,463	495	4
2211 gasoline	1,055	224	---	34	796	785	11	---
2330 distillate fuel oil	479	---	---	---	479	479	---	---
2340 residual fuel oil	1,017	425	---	---	592	104	484	4
2430 asphalt, tar & pitch	95	---	---	---	95	95	---	---
Total chemicals and related products	0	---	0	---	---	---	---	---
Subtotal fertilizers	0	---	0	---	---	---	---	---
3190 fert. & mixes nec	0	---	0	---	---	---	---	---
Total crude materials, inedible except fuels	587	---	---	---	587	587	---	---
Subtotal soil, sand, gravel, rock and stone	587	---	---	---	587	587	---	---
4331 sand & gravel	587	---	---	---	587	587	---	---
Total primary manufactured goods	5	---	5	---	---	---	---	---
Subtotal paper products	5	---	5	---	---	---	---	---
5120 paper & paperboard	5	---	5	---	---	---	---	---
Total food and farm products	231	231	---	---	---	---	---	---
Subtotal other agricultural products	231	231	---	---	---	---	---	---
6856 bananas & plantains	231	231	---	---	---	---	---	---
6857 fruit & nuts nec	1	1	---	---	---	---	---	---

*Includes 1 (x1000) tons of foreign inbound in-transits.

NORWALK HARBOR, CT

Section Included: From a point 4.5 mile below Washington Street Bridge to head of navigation at East Norwalk and Norwalk. Controlling Depth: 8.5 feet in the 12-foot channel from Long Island Sound to opposite downstream end of 10 foot anchorage, thence 7.9 feet to the Washington Bridge; 7.0 feet in the 10-foot channel to I-95 bridge; thence 5.4 feet; 5.8 feet in 10 foot basin; and 3 to 6 feet in 10 foot anchorage. Project Depth: 12 feet in channel from outer harbor to Washington Street Bridge, South Norwalk, thence 10 feet deep to the basin at Norwalk. Anchorage adjacent to 12 foot channel at Fitchpoint Light, 10 feet. All at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	541	1995	447	1998	725	2001	512
1993	475	1996	495	1999	649		
1994	446	1997	713	2000	595		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic
		Coastwise Receipts
Total, all commodities	512	512
Total petroleum and petroleum products	276	276
Subtotal petroleum products	276	276
2330 distillate fuel oil	19	19
2340 residual fuel oil	257	257
Total crude materials, inedible except fuels	235	235
Subtotal soil, sand, gravel, rock and stone	235	235
4331 sand & gravel	235	235

STAMFORD HARBOR, CT

Section Included: From about 600 feet below outer breakwaters to the head of navigation in the East and West Branches. Controlling Depth: 17 feet in the 18-foot entrance channel; 14.8 feet in the center half of the 15-foot entrance channel; 10 feet in the 12-foot East Branch Channel to 2,000 feet downstream of the head of navigation, and 12.8 feet in center half of West Branch Channel. Project Depth: 18.0 feet in entrance channel to north end of 18-foot anchorage; thence 15 feet in remainder of entrance channel, West Branch Channel and basin, 12 feet in East Branch Channel, at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	754	1995	994	1998	991	2001	859
1993	874	1996	1,037	1999	883		
1994	1,116	1997	1,041	2000	1,037		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic
		Coastwise Receipts
Total, all commodities	859	859
Total petroleum and petroleum products	192	192
Subtotal petroleum products	192	192
2330 distillate fuel oil	192	192
Total crude materials, inedible except fuels	667	667
Subtotal soil, sand, gravel, rock and stone	667	667
4331 sand & gravel	667	667

Other Harbors and Waterways 2001

Harbor or Waterway Project	Commodity	Thousand Short Tons
ANDREWS RIVER, MA	No Commerce Reported	
ANNISQUAM RIVER, MA	No Commerce Reported	
APPONAUG COVE, RI	No Commerce Reported	
BAR HARBOR, ME	No Commerce Reported	
BASS HARBOR, ME	No Commerce Reported	
BEALS HARBOR, ME	No Commerce Reported	
BELFAST HARBOR, ME	No Commerce Reported	
BEVERLY HARBOR, MA	No Commerce Reported	
BOOTHBAY HARBOR, ME	No Commerce Reported	
BRANFORD HARBOR, CT	No Commerce Reported	
BRISTOL HARBOR, RI	No Commerce Reported	
BUCKSPORT HARBOR, ME (INCLUDED IN PENOBSCOT RIVER, ME)	2211 gasoline	69
	2330 distillate fuel oil	4
	2340 residual fuel oil	91
	Total Tons(x1000)	164
BUNKER HARBOR, ME	No Commerce Reported	
CAMDEN HARBOR, ME	No Commerce Reported	
CANAPITSIT CHANNEL, MA	No Commerce Reported	
CAPE PORPOISE HARBOR, ME	No Commerce Reported	
CARVERS HARBOR, ME	No Commerce Reported	
CHATHAM (STAGE) HARBOR, MA	No Commerce Reported	
CLINTON HARBOR, CT	No Commerce Reported	
COBSCOOK BAY, ME	No Commerce Reported	
COHASSET HARBOR, MA	No Commerce Reported	
COREA HARBOR, ME	No Commerce Reported	
CRIEHAVEN HARBOR, ME	No Commerce Reported	
CROSS RIP SHOALS, NANTUCKET SOUND, MA	2211 gasoline	10
	2330 distillate fuel oil	12
	4331 sand & gravel	8
	7110 machinery (not elec)	0
	7400 manufac. wood prod.	1
	Total Tons(x1000)	32
Total Ton-miles(x1000)	32	

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
CUTTYHUNK HARBOR, MA	2211 gasoline	0
	2330 distillate fuel oil	0
	Total Tons(x1000)	1
DAMARISCOTTA RIVER, ME	No Commerce Reported	
DORCHESTER BAY, MA (INCLUDED IN PORT OF BOSTON)	No Commerce Reported	
DUXBURY HARBOR, MA	No Commerce Reported	
EDGARTOWN HARBOR, MA	No Commerce Reported	
ESSEX RIVER, MA	No Commerce Reported	
FALMOUTH HARBOR, MA	7900 manufac. prod. nec	0
	Total Tons(x1000)	0
FIVEMILE RIVER HARBOR, CT	No Commerce Reported	
FORT POINT CHANNEL, MA (INCLUDED IN PORT OF BOSTON)	No Commerce Reported	
GLOUCESTER HARBOR, MA	2330 distillate fuel oil	7
	2350 lube oil & greases	0
	6134 fish (not shellfish)	17
	Total Tons(x1000)	23
GREAT SALT POND, BLOCK ISLAND, RI	7900 manufac. prod. nec	12
	Total Tons(x1000)	12
GREEN HARBOR, MA	No Commerce Reported	
GREENWICH BAY, RI	No Commerce Reported	
GREENWICH HARBOR, CT	No Commerce Reported	
GUILFORD HARBOR, CT	No Commerce Reported	
HAMPTON HARBOR, NH	No Commerce Reported	
HARBOR OF REFUGE AT SANDY BAY, CAPE ANN, MA	No Commerce Reported	
HARBOR OF REFUGE, BLOCK ISLAND, RI	No Commerce Reported	
HARBOR OF REFUGE, NANTUCKET, MA	2211 gasoline	10
	2330 distillate fuel oil	12
	4331 sand & gravel	8
	7110 machinery (not elec)	0
	7400 manufac. wood prod.	1
	Total Tons(x1000)	32
HARBOR OF REFUGE, POINT JUDITH AND POINT JUDITH POND, RI	7900 manufac. prod. nec	12
	Total Tons(x1000)	12

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
HARRASEEKET RIVER, ME	No Commerce Reported	
HAY (WEST) HARBOR, NY	7900 manufac. prod. nec	2
	Total Tons(x1000)	2
HENDRICKS HARBOR, ME	No Commerce Reported	
HINGHAM HARBOR, MA (INCLUDED IN PORT OF BOSTON)	No Commerce Reported	
HOUSATONIC RIVER, CT	2221 kerosene 2340 residual fuel oil	3 162
	Total Tons(x1000)	165
	Total Ton-miles(x1000)	823
HYANNIS HARBOR, MA	No Commerce Reported	
IPSWICH RIVER, MA	No Commerce Reported	
ISLE AU HAUT THOROUGHFARE, ME	7900 manufac. prod. nec	1
	Total Tons(x1000)	1
	Total Ton-miles(x1000)	1
ISLE OF SHOALS HARBOR, ME AND NH	No Commerce Reported	
JOSIAS RIVER, ME	No Commerce Reported	
KENNEBEC RIVER, ME	No Commerce Reported	
KENNEBUNK RIVER, ME	No Commerce Reported	
LAGOON POND, MARTHA'S VINEYARD, MA	No Commerce Reported	
LUBEC CHANNEL, ME	No Commerce Reported	
LYNN HARBOR, MA	No Commerce Reported	
MACHIAS RIVER, ME	No Commerce Reported	
MALDEN RIVER, MA (INCLUDED IN PORT OF BOSTON)	No Commerce Reported	
MANCHESTER HARBOR, MA	No Commerce Reported	
MARBLEHEAD HARBOR, MA	No Commerce Reported	
MATINICUS HARBOR, ME	No Commerce Reported	
MATTAPOISETT HARBOR, MA	No Commerce Reported	
MENEMSHA CREEK, MARTHA'S VINEYARD, MA	No Commerce Reported	
MILFORD HARBOR, CT	No Commerce Reported	
MOOSABEC BAR, ME	No Commerce Reported	

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
MYSTIC RIVER, CT	No Commerce Reported	
NARRAGUAGUS RIVER, ME	No Commerce Reported	
NEPONSET RIVER, MA (INCLUDED IN PORT OF BOSTON)	No Commerce Reported	
NEW HARBOR, ME	No Commerce Reported	
NEWBURYPORT HARBOR, MA	No Commerce Reported	
NEWPORT HARBOR, RI	2330 distillate fuel oil	2
	Total Tons(x1000)	2
	Total Ton-miles(x1000)	2
NIANTIC BAY AND HARBOR, CT	No Commerce Reported	
NORTHEAST HARBOR, ME	4331 sand & gravel	11
	Total Tons(x1000)	11
OWLS HEAD HARBOR, ME	No Commerce Reported	
PATCHOGUE RIVER, CT	No Commerce Reported	
PAWCATUCK RIVER, RI AND CT	No Commerce Reported	
PLEASANT RIVER, ME	No Commerce Reported	
PLYMOUTH HARBOR, MA (INCLUDING NORTH PLYMOUTH)	No Commerce Reported	
PROVINCETOWN HARBOR, MA	No Commerce Reported	
RED BROOK HARBOR, BOURNE, MA	No Commerce Reported	
RESERVED CHANNEL (INCLUDED IN PORT OF BOSTON)	2330 distillate fuel oil	0
	2340 residual fuel oil	47
	2350 lube oil & greases	0
	5220 cement & concrete	68
	7900 manufac. prod. nec	0
	Total Tons(x1000)	116
ROCKLAND HARBOR, ME	5220 cement & concrete	84
	Total Tons(x1000)	84
ROCKPORT HARBOR, MA	No Commerce Reported	
ROCKPORT HARBOR, ME	No Commerce Reported	
ROYAL RIVER, ME	No Commerce Reported	
RYE HARBOR, NH	No Commerce Reported	
SACO RIVER, ME	No Commerce Reported	

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
SAKONNET RIVER AND HARBOR, RI	No Commerce Reported	
SCARBORO RIVER, ME	No Commerce Reported	
SCITUATE HARBOR, MA	No Commerce Reported	
SEEKONK RIVER, RI	No Commerce Reported	
SOUTH BRISTOL HARBOR, ME	No Commerce Reported	
SOUTHWEST HARBOR, ME	No Commerce Reported	
ST. CROIX RIVER, ME	No Commerce Reported	
STOCKTON HARBOR, ME (INCLUDED IN PENOBSCOT RIVER, ME)	No Commerce Reported	
STONINGTON HARBOR, CT	No Commerce Reported	
STONINGTON HARBOR, ME	7900 manufac. prod. nec	1
	Total Tons(x1000)	1
STONY CREEK, CT	No Commerce Reported	
TAUNTON RIVER, MA	No Commerce Reported	
TENANTS HARBOR, ME	No Commerce Reported	
THOMASTON HARBOR (GEORGES RIVER), ME	No Commerce Reported	
VINEYARD HAVEN HARBOR, MA	2211 gasoline	15
	2330 distillate fuel oil	13
	4331 sand & gravel	80
	4900 non-metal. min. nec	1
	7110 machinery (not elec)	1
	7210 vehicles & parts	0
	7400 manufac. wood prod.	2
	Total Tons(x1000)	111
WAREHAM HARBOR, MA	No Commerce Reported	
WARREN RIVER, RI	No Commerce Reported	
WARWICK COVE, WARWICK, RI	No Commerce Reported	
WELLFLEET HARBOR, MA	No Commerce Reported	
WESTPORT HARBOR AND SAUGATUCK RIVER, CT	No Commerce Reported	
WESTPORT RIVER, MA	No Commerce Reported	
WEYMOUTH BACK RIVER, MA (INCLUDED IN PORT OF BOSTON)	No Commerce Reported	
WICKFORD HARBOR, RI	No Commerce Reported	

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
WINTHROP HARBOR, MA (INCLUDED IN PORT OF BOSTON)	No Commerce Reported	
WOOD ISLAND HARBOR, ME AND THE POOL AT BIDDEFORD	No Commerce Reported	
WOODS HOLE CHANNEL, MA	2211 gasoline	15
	2330 distillate fuel oil	15
	4331 sand & gravel	89
	4900 non-metal. min. nec	1
	7110 machinery (not elec)	1
	7210 vehicles & parts	0
	7400 manufac. wood prod.	3
		Total Tons(x1000)
YORK HARBOR, ME	No Commerce Reported	
EASTPORT HARBOR, ME		
		Total Tons(x1000)

EAST CHESTER CREEK, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: From Long Island Sound to Canal Street. Controlling Depth: 8 feet from Long Island Sound to a point opposite Turtle Cove; balance of waterway ranges from 0.7 to 8 feet. Project Depth: Maintained to 8 feet. All mean low water. Project Length: 5 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,194	1995	1,238	1998	1,192	2001	952
1993	1,115	1996	1,117	1999	1,210		
1994	1,177	1997	1,008	2000	1,118		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic		
		Coastwise Receipts	Internal	
			Inbound Upbound	Outbound Downbnd
Total, all commodities	952	421	530	2
Total petroleum and petroleum products	532	---	530	2
Subtotal petroleum products	532	---	530	2
2211 gasoline	335	---	333	2
2330 distillate fuel oil	196	---	196	---
2340 residual fuel oil	1	---	1	---
Total crude materials, inedible except fuels	421	421	---	---
Subtotal soil, sand, gravel, rock and stone	421	421	---	---
4331 sand & gravel	421	421	---	---
Ton-miles (x1000)	4,409	1,751	2,647	11

Tons All Traffic (x1000) **952**
 Ton-miles All Traffic (x1000) **4,409**

FLUSHING BAY AND CREEK, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: From deep water in East River to Roosevelt Avenue Bridge. Controlling Depth: 15 feet from East River to junction with Branch Channel; balance of waterway ranges from 2 to 14 feet. Project Depth: 15 feet in Bay, Branch and Creek Channels, and maneuvering area, and 6 feet in anchorage area. All at mean low water. Project Length: 2.9 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,958	1995	1,801	1998	2,264	2001	1,952
1993	1,825	1996	1,720	1999	2,243		
1994	1,832	1997	2,027	2000	2,547		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic		
		Coastwise Receipts	Internal	
			Inbound Upbound	Outbound Downbnd
Total, all commodities	1,952	395	1,471	86
Total petroleum and petroleum products	88	---	88	---
Subtotal petroleum products	88	---	88	---
2330 distillate fuel oil	88	---	88	---
Total crude materials, inedible except fuels	1,393	171	1,222	---
Subtotal soil, sand, gravel, rock and stone	1,393	171	1,222	---
4331 sand & gravel	1,392	171	1,221	---
4335 waterway improv. mat	1	---	1	---
Total primary manufactured goods	385	224	161	---
Subtotal lime, cement and glass	385	224	161	---
5220 cement & concrete	385	224	161	---
Total waste and scrap nec	86	---	---	86
8900 waste and scrap nec	86	---	---	86
Ton-miles (x1000)	5,262	962	4,129	172

Tons All Traffic (x1000) **1,952**
 Ton-miles All Traffic (x1000) **5,262**

HUDSON RIVER, NY (LOWER SECTION) (INCLUDED IN PORT OF NEW YORK, ALSO INCLUDED IN STATISTICS FOR HUDSON RIVER)

Section Included: From Upper New York City limits to Tarrytown; not including the latter. Controlling Depth: 32 feet mean low water. Project Depth: 34 feet in rock and 32 feet in soft material. Project Length: 13.3 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	15,149	1995	14,356	1998	17,726	2001	17,987
1993	15,513	1996	15,285	1999	17,146		
1994	14,944	1997	16,962	2000	16,731		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total*	Foreign		Domestic		
		Inbound	Total	Coastwise	Internal	
					Receipts	Inbound
Total, all commodities	480	11	469	431	38	38
Total petroleum and petroleum products	38	---	38	---	38	38
Subtotal petroleum products	38	---	38	---	38	38
2330 distillate fuel oil	38	---	38	---	38	38
Total crude materials, inedible except fuels	0	---	0	---	0	0
Subtotal forest products, wood and chips	0	---	0	---	0	0
4170 wood in the rough	0	---	0	---	0	0
Total food and farm products	442	11	431	431	---	---
Subtotal other agricultural products	442	11	431	431	---	---
6861 sugar	442	11	431	431	---	---
Ton-miles (x1000)	1,945	43	197,659	1,726	176	176

Tons All Traffic (x1000) **17,987**
 Ton-miles All Traffic (x1000) **229,533**

*Does not include 17,507 (x1000) tons of through traffic.

HUDSON RIVER CHANNEL, NY AND NJ (INCLUDED IN PORT OF NEW YORK)

Section Included: From deep water in Upper Bay to a point opposite West 156th Street, Manhattan. Controlling Depth: 39 to 43 feet, 2,000 to 3,600 feet wide from deep water in the Upper Bay to West 40th Street; balance of waterway ranges from 38 to 48 feet. 21 to 30 feet in Weehawken-Edgewater Channel. Project Depth and length: 40 feet, 45 feet and 48 feet from Upper Bay to opposite West 59th Street; 6 miles. 30 feet in Weehawken-Edgewater Channel; 5 miles. All at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	16,616	1995	15,586	1998	18,853	2001	18,507
1993	17,302	1996	17,226	1999	18,082		
1994	16,346	1997	18,302	2000	17,287		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total*	Foreign		Domestic			
		Inbound	Total	Coastwise	Internal		
					Shipments	Inbound	Outbound
Total, all commodities	520	1	519	6	305	208	
Total petroleum and petroleum products	329	0	329	6	303	19	
Subtotal petroleum products	329	0	329	6	303	19	
2211 gasoline	31	---	31	---	13	18	
2221 kerosene	30	---	30	---	30	---	
2330 distillate fuel oil	135	---	135	---	135	---	
2340 residual fuel oil	130	---	130	6	124	---	
2350 lube oil & greases	0	---	0	---	0	---	
2410 petro. jelly & waxes	0	---	0	---	---	---	
2990 petro. products nec	1	---	1	---	---	1	
Total chemicals and related products	0	0	---	---	---	---	
Subtotal other chemicals and related products	0	0	---	---	---	---	
3282 pigments & paints	0	0	---	---	---	---	
3286 plastics	0	0	---	---	---	---	
Total crude materials, inedible except fuels	2	0	2	---	2	0	
Subtotal forest products, wood and chips	2	0	2	---	2	0	
4170 wood in the rough	2	0	2	---	2	0	
Total primary manufactured goods	0	0	---	---	---	---	
Subtotal primary non-ferrous metal products	0	0	---	---	---	---	
5480 fab. metal products	0	0	---	---	---	---	

HUDSON RIVER CHANNEL, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Grand Total*	Foreign		Domestic			
		Inbound	Total	Coastwise	Internal		Outbound
					Shipments	Upbound	
Total food and farm products	0	0	---	---	---	---	---
Subtotal other agricultural products	0	0	---	---	---	---	---
6871 coffee	0	0	---	---	---	---	---
6885 alcoholic beverages	0	0	---	---	---	---	---
6889 food products nec	0	0	---	---	---	---	---
Total all manufactured equipment, machinery and products	0	0	---	---	---	---	---
7120 electrical machinery	0	0	---	---	---	---	---
7210 vehicles & parts	0	0	---	---	---	---	---
7500 textile products	0	0	---	---	---	---	---
7600 rubber & plastic pr.	0	0	---	---	---	---	---
7900 manufac. prod. nec	0	0	---	---	---	---	---
Total waste and scrap nec	188	---	188	---	---	---	188
8900 waste and scrap nec	188	---	188	---	---	---	188
Total unknown or not elsewhere classified	0	0	---	---	---	---	---
9900 unknown or nec	0	0	---	---	---	---	---
Ton-miles (x1000)	3,376	4	205,232	65	2,080	1,227	

Tons All Traffic (x1000) 18,507
 Ton-miles All Traffic (x1000) 237,207

*Does not include 17,987 (x1000) tons of through traffic.

EAST RIVER, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: From Upper New York Bay to Throgs Neck. Controlling Depth: 40 feet from Upper Bay to Wallabout Channel; balance of waterway ranges from 20 to 35 feet. Project Depth: 40 feet to former Brooklyn Navy Yard; 35 feet above the former Brooklyn Navy Yard. All at mean low water. Project Length: About 16 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	28,778	1995	29,017	1998	35,464	2001	31,609
1993	29,099	1996	31,409	1999	33,309		
1994	29,610	1997	33,603	2000	34,263		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total*	Foreign		Canadian
		Inbound	Outbound	
Total, all commodities	1,069	396	14	659
Total petroleum and petroleum products	83	83	---	---
Subtotal crude petroleum	71	71	---	---
2100 crude petroleum	71	71	---	---
Subtotal petroleum products	12	12	---	---
2330 distillate fuel oil	12	12	---	---
Total crude materials, inedible except fuels	659	---	---	659
Subtotal soil, sand, gravel, rock and stone	627	---	---	627
4323 gypsum	173	---	---	173
4331 sand & gravel	454	---	---	454
Subtotal other non-metal. min.	32	---	---	32
4900 non-metal. min. nec	32	---	---	32
Total primary manufactured goods	307	307	---	---
Subtotal lime, cement and glass	307	307	---	---
5220 cement & concrete	307	307	---	---
Subtotal primary non-ferrous metal products	0	0	---	---
5480 fab. metal products	0	0	---	---
Total food and farm products	19	5	14	---
Subtotal fish	0	0	---	---
6134 fish (not shellfish)	0	0	---	---
6136 shellfish	0	0	---	---
Subtotal vegetable products	0	0	---	---
6654 vegetables & prod.	0	0	---	---
Subtotal other agricultural products	19	5	14	---
6835 fish, prepared	0	0	---	---
6838 tallow, animal oils	14	---	14	---
6872 cocoa beans	5	5	---	---
6889 food products nec	0	0	---	---

EAST RIVER, NY (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total*	Foreign		Canadian
		Inbound	Outbound	Inbound
Total all manufactured equipment, machinery and products	0	0	---	---
7110 machinery (not elec)	0	0	---	---
7120 electrical machinery	0	0	---	---
7600 rubber & plastic pr.	0	0	---	---
7900 manufac. prod. nec	0	0	---	---
Ton-miles (x1000) Foreign & Canadian	4,751	1,720	125	2,907

Commodity	Total*	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
Total, all commodities	4,586	1,320	231	2,613	160	190	72
Total petroleum and petroleum products	4,063	799	231	2,612	159	190	72
Subtotal crude petroleum	14	---	---	14	---	---	---
2100 crude petroleum	14	---	---	14	---	---	---
Subtotal petroleum products	4,049	799	231	2,599	159	190	72
2211 gasoline	19	---	---	8	11	---	---
2221 kerosene	21	---	---	21	---	---	---
2330 distillate fuel oil	833	151	22	620	13	22	5
2340 residual fuel oil	2,997	561	208	1,859	134	169	66
2350 lube oil & greases	0	---	---	0	---	---	---
2430 asphalt, tar & pitch	178	87	1	90	---	---	---
2990 petro. products nec	0	---	---	---	0	---	---
Total crude materials, inedible except fuels	1	---	---	1	0	---	---
Subtotal forest products, wood and chips	1	---	---	1	0	---	---
4170 wood in the rough	1	---	---	1	0	---	---
Total food and farm products	521	521	---	---	---	---	---
Subtotal other agricultural products	521	521	---	---	---	---	---
6889 food products nec	521	521	---	---	---	---	---
Total all manufactured equipment, machinery and products	0	0	---	---	---	---	---
7110 machinery (not elec)	0	0	---	---	---	---	---
Ton-miles (x1000) Domestic	31,238	7,809	1,668	19,817	1,451	354	138
Tons All Traffic (x1000)	31,609						
Ton-miles All Traffic (x1000)	459,750						

*Does not include 25,954 (x1000) tons of through traffic.

NEWTOWN CREEK, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: From East River to Johnson Avenue. Controlling Depth: Main Channel, 20 feet to 12 feet from East River to south end of Turning Basin; balance of waterway ranges between 12 and 16 feet. Project Depth: 23, 20, and 12 feet. All at mean low water. Project Length: 5.2 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,283	1995	1,487	1998	1,471	2001	458
1993	1,553	1996	1,522	1999	1,302		
1994	1,483	1997	1,422	2000	1,200		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic		
		Coastwise Receipts	Internal	
			Inbound Upbound	Outbound Downbnd
Total, all commodities	458	4	396	59
Total petroleum and petroleum products	225	—	224	1
Subtotal petroleum products	225	—	224	1
2211 gasoline	24	—	23	1
2221 kerosene	5	—	5	—
2330 distillate fuel oil	156	—	156	—
2340 residual fuel oil	41	—	40	0
Total crude materials, inedible except fuels	176	4	172	—
Subtotal soil, sand, gravel, rock and stone	176	4	172	—
4331 sand & gravel	176	4	172	—
Total waste and scrap nec	57	—	—	57
8900 waste and scrap nec	57	—	—	57
Ton-miles (x1000)	1,198	12	1,126	59

Tons All Traffic (x1000) **458**
 Ton-miles All Traffic (x1000) **1,198**

BUTTERMILK CHANNEL, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: From East River to Anchorage Channel. Controlling Depth: 35-foot project westerly half of channel, depth at 35 feet; 40-foot project easterly half of channel, depth at 40 feet. Project Depth: 35 feet and 40 feet. All at mean low water. Project Length: 2.3 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	26,112	1995	27,299	1998	33,747	2001	30,385
1993	26,993	1996	29,605	1999	32,229		
1994	27,022	1997	32,160	2000	34,723		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total**	Foreign		Canadian Inbound	Domestic			
		Inbound*	Outbound*		Total Receipts	Internal		
				Inbound		Upbound	Outbound	Downbnd
Total, all commodities	1,679	571	167	109	832	1	399	431
Total coal	0	0	0	—	—	—	—	—
1100 coal lignite	0	0	0	—	—	—	—	—
Total petroleum and petroleum products	96	21	1	—	73	—	73	—
Subtotal petroleum products	96	21	1	—	73	—	73	—
2211 gasoline	21	21	—	—	—	—	—	—
2330 distillate fuel oil	8	—	—	—	8	—	8	—
2340 residual fuel oil	65	—	—	—	65	—	65	—
2350 lube oil & greases	1	0	1	—	0	—	0	—
2410 petro. jelly & waxes	0	0	0	—	—	—	—	—
2429 naphtha & solvents	0	—	0	—	—	—	—	—
2540 petroleum coke	0	0	0	—	—	—	—	—
2640 liquid natural gas	0	0	0	—	—	—	—	—
Total chemicals and related products	50	24	25	—	—	—	—	—
Subtotal fertilizers	1	0	1	—	—	—	—	—
3120 phosphatic fert.	0	—	0	—	—	—	—	—
3190 fert. & mixes nec	1	0	1	—	—	—	—	—
Subtotal other chemicals and related products	49	24	24	—	—	—	—	—
3211 acyclic hydrocarbons	0	0	0	—	—	—	—	—
3212 benzene & toluene	0	—	0	—	—	—	—	—
3219 other hydrocarbons	1	1	0	—	—	—	—	—
3220 alcohols	3	2	2	—	—	—	—	—

BUTTERMILK CHANNEL, NY (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Grand Total**	Foreign		Canadian	Domestic			
		Inbound*	Outbound*	Inbound	Total	Coastwise	Internal	
					Receipts		Inbound	Outbound
						Upbound	Downbnd	
3230 carboxylic acids	2	1	0	—	—	—	—	—
3240 nitrogen func. comp.	1	0	1	—	—	—	—	—
3250 organo - inorg. comp.	1	1	0	—	—	—	—	—
3260 organic comp. nec	1	1	0	—	—	—	—	—
3272 sulphuric acid	0	—	0	—	—	—	—	—
3274 sodium hydroxide	0	0	0	—	—	—	—	—
3275 inorg. elem.,oxides, & halogen salts	2	2	1	—	—	—	—	—
3276 metallic salts	4	2	2	—	—	—	—	—
3279 inorganic chem. nec	1	0	0	—	—	—	—	—
3281 radioactive material	0	0	0	—	—	—	—	—
3282 pigments & paints	1	0	1	—	—	—	—	—
3283 coloring mat. nec	1	0	0	—	—	—	—	—
3284 medicines	1	0	0	—	—	—	—	—
3285 perfumes & cleansers	6	3	3	—	—	—	—	—
3286 plastics	16	6	9	—	—	—	—	—
3291 pesticides	1	0	1	—	—	—	—	—
3292 starches, gluten, glue	1	1	0	—	—	—	—	—
3297 chemical additives	1	0	1	—	—	—	—	—
3298 wood & resin chem.	0	0	—	—	—	—	—	—
3299 chem. products nec	5	3	2	—	—	—	—	—
Total crude materials, inedible except fuels	199	67	21	109	1	—	1	0
Subtotal forest products, wood and chips	27	15	1	11	1	—	1	0
4110 rubber & gums	0	0	0	—	—	—	—	—
4150 fuel wood	0	0	0	—	—	—	—	—
4170 wood in the rough	2	1	0	—	1	—	1	0
4189 lumber	15	4	1	11	—	—	—	—
4190 forest products nec	10	10	0	—	—	—	—	—
Subtotal pulp and waste paper	15	0	15	—	—	—	—	—
4225 pulp & waste paper	15	0	15	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	149	50	1	99	—	—	—	—
4310 building stone	8	8	—	—	—	—	—	—
4322 limestone	0	0	0	—	—	—	—	—
4323 gypsum	99	41	0	58	—	—	—	—
4331 sand & gravel	41	0	0	40	—	—	—	—
Subtotal iron ore and scrap	1	—	1	—	—	—	—	—
4410 iron ore	0	—	0	—	—	—	—	—
4420 iron & steel scrap	1	—	1	—	—	—	—	—
Subtotal non-ferrous ores and scrap	2	1	1	—	—	—	—	—
4650 aluminum ore	1	1	0	—	—	—	—	—
4680 non-ferrous scrap	1	0	1	—	—	—	—	—
4690 non-ferrous ores nec	0	—	0	—	—	—	—	—
Subtotal sulphur, clay and salt	2	1	1	—	—	—	—	—
4782 clay & refrac. mat.	2	1	1	—	—	—	—	—
Subtotal other non-metal. min.	2	1	1	—	—	—	—	—
4900 non-metal. min. nec	2	1	1	—	—	—	—	—
Total primary manufactured goods	191	161	30	0	—	—	—	—
Subtotal paper products	20	5	15	—	—	—	—	—
5110 newsprint	1	—	1	—	—	—	—	—
5120 paper & paperboard	16	3	13	—	—	—	—	—
5190 paper products nec	3	2	1	—	—	—	—	—
Subtotal lime, cement and glass	133	131	2	—	—	—	—	—
5210 lime	0	—	0	—	—	—	—	—
5220 cement & concrete	79	79	0	—	—	—	—	—
5240 glass & glass prod.	6	5	1	—	—	—	—	—
5290 misc. mineral prod.	48	47	1	—	—	—	—	—
Subtotal primary iron and steel products	12	8	4	0	—	—	—	—
5312 pig iron	1	0	1	—	—	—	—	—
5315 ferro alloys	0	0	—	—	—	—	—	—
5320 i&s primary forms	1	0	1	—	—	—	—	—
5330 i&s plates & sheets	2	0	1	—	—	—	—	—
5360 i&s bars & shapes	1	1	0	0	—	—	—	—
5370 i&s pipe & tube	5	5	0	—	—	—	—	—
5390 primary i&s nec	1	1	0	—	—	—	—	—
Subtotal primary non-ferrous metal products	25	17	8	—	—	—	—	—
5421 copper	1	1	0	—	—	—	—	—
5422 aluminum	2	0	1	—	—	—	—	—
5429 smelted prod. nec	4	2	2	—	—	—	—	—
5480 fab. metal products	18	14	4	—	—	—	—	—
Subtotal primary wood products	2	1	1	—	—	—	—	—
5540 primary wood prod.	2	1	1	—	—	—	—	—
Total food and farm products	242	202	40	—	—	—	—	—
Subtotal fish	3	3	0	—	—	—	—	—
6134 fish (not shellfish)	1	1	0	—	—	—	—	—
6136 shellfish	2	2	0	—	—	—	—	—

BUTTERMILK CHANNEL, NY (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Grand Total**	Foreign		Canadian	Domestic			
		Inbound*	Outbound*	Inbound	Total	Coastwise	Internal	
							Receipts	Inbound Upbound
Subtotal grain	4	4	0	---	---	---	---	---
6241 wheat	0	---	0	---	---	---	---	---
6344 corn	0	0	0	---	---	---	---	---
6442 rice	4	4	0	---	---	---	---	---
6445 oats	0	0	0	---	---	---	---	---
Subtotal oilseeds	11	11	0	---	---	---	---	---
6521 peanuts	0	0	---	---	---	---	---	---
6522 soybeans	1	1	0	---	---	---	---	---
6590 oilseeds nec	10	10	0	---	---	---	---	---
Subtotal vegetable products	23	11	13	---	---	---	---	---
6653 vegetable oils	1	1	0	---	---	---	---	---
6654 vegetables & prod.	22	10	12	---	---	---	---	---
Subtotal processed grain and animal feed	4	2	3	---	---	---	---	---
6746 wheat flour	0	0	0	---	---	---	---	---
6747 grain mill products	2	2	1	---	---	---	---	---
6781 hay & fodder	0	---	0	---	---	---	---	---
6782 animal feed, prep.	2	0	2	---	---	---	---	---
Subtotal other agricultural products	196	172	24	---	---	---	---	---
6811 meat, fresh, frozen	9	4	5	---	---	---	---	---
6817 meat, prepared	1	1	0	---	---	---	---	---
6822 dairy products	7	6	1	---	---	---	---	---
6835 fish, prepared	0	0	0	---	---	---	---	---
6838 tallow, animal oils	0	0	0	---	---	---	---	---
6839 animals & prod. nec	1	1	0	---	---	---	---	---
6856 bananas & plantains	6	6	---	---	---	---	---	---
6857 fruit & nuts nec	10	10	0	---	---	---	---	---
6858 fruit juices	12	11	1	---	---	---	---	---
6861 sugar	4	3	2	---	---	---	---	---
6871 coffee	8	8	0	---	---	---	---	---
6872 cocoa beans	89	88	1	---	---	---	---	---
6885 alcoholic beverages	4	3	0	---	---	---	---	---
6888 water & ice	5	5	0	---	---	---	---	---
6889 food products nec	32	23	9	---	---	---	---	---
6891 tobacco & products	2	1	0	---	---	---	---	---
6893 cotton	0	0	0	---	---	---	---	---
6894 natural fibers nec	0	0	---	---	---	---	---	---
6899 farm products nec	4	1	3	---	---	---	---	---
Total all manufactured equipment, machinery and products	874	81	36	---	757	1	325	431
7110 machinery (not elec)	16	10	5	---	1	1	---	---
7120 electrical machinery	8	3	4	---	---	---	---	---
7210 vehicles & parts	12	7	5	---	---	---	---	---
7220 aircraft & parts	0	---	0	---	---	---	---	---
7230 ships & boats	0	0	0	---	---	---	---	---
7300 ordnance & access.	0	0	0	---	---	---	---	---
7400 manufac. wood prod.	2	1	0	---	---	---	---	---
7500 textile products	40	32	8	---	---	---	---	---
7600 rubber & plastic pr.	10	6	4	---	---	---	---	---
7800 empty containers	18	---	---	---	18	---	16	2
7900 manufac. prod. nec	768	21	8	---	739	---	309	429
Total unknown or not elsewhere classified	27	14	13	---	---	---	---	---
9900 unknown or nec	27	14	13	---	---	---	---	---
Ton-miles (x1000)	3,289	1,143	333	219	84,504	1	765	829
Tons All Traffic (x1000)		30,385						
Ton-miles All Traffic (x1000)		89,406						

*Includes 57 (x1000) tons of foreign inbound in-transits; Includes 48 (x1000) tons of foreign outbound in-transits.

**Does not include 28,705 (x1000) tons of through traffic.

BAY RIDGE AND RED HOOK CHANNELS, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: From Narrows to Buttermilk Channel. Controlling Depth: 40 feet from Narrows to 69th Street Pier, Brooklyn; balance of waterway ranges from 38 to 37 feet. Project Depth: 40 feet. All at mean low water. Project Length: 4 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	2,977	1995	2,678	1998	2,419	2001	1,984
1993	2,853	1996	3,656	1999	1,930		
1994	3,069	1997	2,809	2000	2,137		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total**	Foreign		Domestic			
		Inbound*	Total	Internal			
				Inbound Upbound	Outbound Upbound	Downbnd	Intra Upbound
Total, all commodities	303	5	298	164	10	102	22
Total petroleum and petroleum products	39	—	39	29	10	—	—
Subtotal petroleum products	39	—	39	29	10	—	—
2330 distillate fuel oil	30	—	30	21	10	—	—
2340 residual fuel oil	9	—	9	9	—	—	—
Total chemicals and related products	7	—	7	7	—	—	—
Subtotal other chemicals and related products	7	—	7	7	—	—	—
3297 chemical additives	7	—	7	7	—	—	—
Total crude materials, inedible except fuels	2	0	2	2	—	0	—
Subtotal forest products, wood and chips	2	0	2	2	—	0	—
4170 wood in the rough	2	—	2	2	—	0	—
4189 lumber	0	0	—	—	—	—	—
Total food and farm products	3	3	—	—	—	—	—
Subtotal fish	0	0	—	—	—	—	—
6136 shellfish	0	0	—	—	—	—	—
Subtotal other agricultural products	3	3	—	—	—	—	—
6856 bananas & plantains	3	3	—	—	—	—	—
6857 fruit & nuts nec	0	0	—	—	—	—	—
6889 food products nec	0	0	—	—	—	—	—
Total all manufactured equipment, machinery and products	251	0	250	127	—	102	22
7110 machinery (not elec)	0	0	—	—	—	—	—
7120 electrical machinery	0	0	—	—	—	—	—
7500 textile products	0	0	—	—	—	—	—
7900 manufac. prod. nec	250	—	250	127	—	102	22
Total unknown or not elsewhere classified	1	1	—	—	—	—	—
9900 unknown or nec	1	1	—	—	—	—	—
Ton-miles (x1000)	855	10	5,889	495	10	318	22
Tons All Traffic (x1000)		1,984					
Ton-miles All Traffic (x1000)		5,899					

*Includes 0 (x1000) tons of foreign inbound in-transits.

**Does not include 1,682 (x1000) tons of through traffic.

GOWANUS CREEK CHANNEL, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: From 28th street to Hamilton Avenue Bridge. Controlling Depth: 28.2 feet from entrance to Percival Street, thence 23 feet to Sigourney Street; thence 10 feet to Hamilton Ave.; 27 feet in Branch Channel in Henry St. Basin. Project Depth: 30 feet and 18 feet, all at mean low water. Project Length: 0.8 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	2,175	1995	2,230	1998	2,114	2001	1,691
1993	2,303	1996	2,649	1999	1,569		
1994	2,490	1997	2,293	2000	1,801		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total*	Domestic		
		Coastwise Receipts	Internal	
			Upbound	Downbnd
Total, all commodities	1,329	292	728	310
Total petroleum and petroleum products	752	292	433	27
Subtotal crude petroleum	13	---	13	---
2100 crude petroleum	13	---	13	---
Subtotal petroleum products	739	292	420	27
2211 gasoline	3	---	3	---
2330 distillate fuel oil	376	---	373	3
2340 residual fuel oil	360	292	44	24
2350 lube oil & greases	0	---	0	---
Total crude materials, inedible except fuels	294	---	294	---
Subtotal forest products, wood and chips	0	---	0	---
4170 wood in the rough	0	---	0	---
Subtotal soil, sand, gravel, rock and stone	294	---	294	---
4331 sand & gravel	294	---	294	---
Total waste and scrap nec	283	---	---	283
8900 waste and scrap nec	283	---	---	283
Ton-miles (x1000)	1,329	292	728	310

Tons All Traffic (x1000) **1,691**
 Ton-miles All Traffic (x1000) **1,691**

*Does not include 362 (x1000) tons of through traffic.

CONEY ISLAND CHANNEL, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: From Norton Point Southeast to deep water. Controlling Depth: 16 feet. Project Depth: 20 feet. All at mean low water. Project Length: About 1.3 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	689	1995	634	1998	528	2001	487
1993	266	1996	774	1999	465		
1994	493	1997	775	2000	538		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic	
		Internal Through	Downbnd
Total petroleum and petroleum products	356	356	
Subtotal petroleum products	356	356	
2211 gasoline	217	217	
2330 distillate fuel oil	138	138	
Total crude materials, inedible except fuels	131	131	
Subtotal soil, sand, gravel, rock and stone	131	131	
4331 sand & gravel	131	131	
Ton-miles (x1000)	487	487	

Tons All Traffic (x1000) **487**
 Ton-miles All Traffic (x1000) **487**

EAST ROCKAWAY INLET, NY (DEBS INLET) (INCLUDED IN PORT OF NEW YORK)

Section Included: A channel from deep water in the Atlantic Ocean to a 12-foot depth inside East Rockaway Inlet. Controlling Depth: 12 feet in channel. Project Depth: 12 feet. All at mean low water. Project Length: 1.0 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	962	1995	827	1998	647	2001	602
1993	954	1996	834	1999	632		
1994	934	1997	714	2000	545		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Coastwise Through	
		Upbound	Downbnd
Total, all commodities	602	600	2
Total petroleum and petroleum products	601	599	2
Subtotal petroleum products	601	599	2
2211 gasoline	278	276	2
2221 kerosene	9	9	—
2330 distillate fuel oil	180	180	—
2340 residual fuel oil	134	134	—
Total crude materials, inedible except fuels	1	1	—
Subtotal soil, sand, gravel, rock and stone	1	1	—
4331 sand & gravel	1	1	—
Ton-miles (x1000)	602	600	2
Tons All Traffic (x1000)	602		
Ton-miles All Traffic (x1000)	602		

JAMAICA BAY, NY (INCLUDED IN PORT OF NEW YORK)

Section Included: Entire Bay. Controlling Depth: Entrance Channel 20 feet from Atlantic Ocean to Rockaway Point, thence 18 feet to Barren Island. Branch Channels range from 12 to 18 feet. Project Depth: 23, 20 and 12 feet. All at mean low water. Project Length: 19.5 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,025	1995	789	1998	675	2001	621
1993	601	1996	993	1999	664		
1994	781	1997	934	2000	795		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic	
		Coastwise Receipts	Internal Inbound Upbound
Total, all commodities	621	1	619
Total petroleum and petroleum products	391	—	391
Subtotal petroleum products	391	—	391
2211 gasoline	239	—	239
2330 distillate fuel oil	152	—	152
Total crude materials, inedible except fuels	229	1	228
Subtotal soil, sand, gravel, rock and stone	229	1	228
4331 sand & gravel	229	1	228
Ton-miles (x1000)	7,452	16	7,435
Tons All Traffic (x1000)	621		
Ton-miles All Traffic (x1000)	7,452		

RARITAN RIVER, NJ (INCLUDED IN PORT OF NEW YORK)

Section Included: From deep water in Raritan Bay to New Brunswick. Maintained Depth: Main Channel, 18 to 21 feet from NY and NJ Channels to junction of South Channel; balance of waterway ranges from 1 to 25 feet. Project Length: 13.8 miles. Tidal range to 6 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	2,520	1995	2,236	1998	2,311	2001	3,189
1993	2,033	1996	2,348	1999	3,285		
1994	2,274	1997	2,409	2000	3,567		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign Inbound*	Domestic						
			Total	Coastwise		Internal			
				Receipts	Shipments	Inbound		Outbound	
						Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	3,189	1	3,188	1,458	893	322	2	283	231
Total petroleum and petroleum products	2,195	—	2,195	1,458	186	321	2	—	228
Subtotal crude petroleum	14	—	14	—	—	—	—	—	14
2100 crude petroleum	14	—	14	—	—	—	—	—	14
Subtotal petroleum products	2,180	—	2,180	1,458	186	321	2	—	214
2211 gasoline	549	—	549	225	147	71	—	—	106
2221 kerosene	367	—	367	335	5	17	—	—	10
2330 distillate fuel oil	639	—	639	370	20	197	2	—	50
2340 residual fuel oil	597	—	597	517	14	27	—	—	38
2429 naphtha & solvents	19	—	19	—	—	9	—	—	10
2430 asphalt, tar & pitch	10	—	10	10	—	—	—	—	—
Total chemicals and related products	3	—	3	—	—	—	—	—	3
Subtotal other chemicals and related products	3	—	3	—	—	—	—	—	3
3297 chemical additives	3	—	3	—	—	—	—	—	3
Total crude materials, inedible except fuels	990	—	990	—	707	0	—	283	—
Subtotal forest products, wood and chips	0	—	0	—	—	0	—	—	—
4170 wood in the rough	0	—	0	—	—	0	—	—	—
Subtotal soil, sand, gravel, rock and stone	990	—	990	—	707	—	—	283	—
4331 sand & gravel	990	—	990	—	707	—	—	283	—
Total all manufactured equipment, machinery and products	1	1	—	—	—	—	—	—	—
7110 machinery (not elec)	0	0	—	—	—	—	—	—	—
7210 vehicles & parts	1	1	—	—	—	—	—	—	—
7230 ships & boats	0	0	—	—	—	—	—	—	—
7400 manufac. wood prod.	0	0	—	—	—	—	—	—	—
Total unknown or not elsewhere classified	0	0	—	—	—	—	—	—	—
9900 unknown or nec	0	0	—	—	—	—	—	—	—
Ton-miles (x1000)	5,269	2	5,266	4,373	229	404	0	0	260

Tons All Traffic (x1000) 3,189
 Ton-miles All Traffic (x1000) 5,269

*Includes 0 (x1000) tons of foreign inbound in-transits.

UPPER BAY, NEW YORK HARBOR, NY AND NJ (INCLUDED IN PORT OF NEW YORK)

Section Included: From the Narrows to junction of Hudson and East River. Maintained Depth: Anchorage Channel 45 feet; channel along NJ Pierhead line 19.5 feet; Red Hook Flats Anchorage, 35 feet and 45 feet; Liberty Island Anchorage 20 feet: Project Length: 5.7 miles; channel along New Jersey Pierhead line, 3 miles. Tidal range to 5 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	92,575	1995	92,593	1998	121,546	2001	106,071
1993	99,787	1996	115,137	1999	106,641		
1994	98,688	1997	117,364	2000	107,510		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	28,835	22,993	2,867	2,927	48
Total coal	566	566	0	—	—
1100 coal lignite	566	566	0	—	—
1200 coal coke	0	—	0	—	—
Total petroleum and petroleum products	17,695	15,613	24	2,011	46
Subtotal crude petroleum	2,955	1,802	0	1,154	—
2100 crude petroleum	2,955	1,802	0	1,154	—
Subtotal petroleum products	14,740	13,812	24	857	46
2211 gasoline	4,832	4,468	0	364	—
2221 kerosene	776	775	0	—	—
2330 distillate fuel oil	1,124	951	0	172	—
2340 residual fuel oil	7,129	6,770	0	313	46
2350 lube oil & greases	19	4	15	—	—
2410 petro. jelly & waxes	7	5	3	—	—
2429 naphtha & solvents	813	801	5	7	—
2430 asphalt, tar & pitch	1	0	0	—	—
2540 petroleum coke	30	29	1	—	—
2640 liquid natural gas	9	9	0	—	—
Total chemicals and related products	1,293	909	384	0	0
Subtotal fertilizers	8	3	4	0	0
3110 nitrogenous fert.	1	1	0	—	—
3120 phosphatic fert.	0	0	0	—	—
3130 potassic fert.	0	0	0	—	—
3190 fert. & mixes nec	6	1	4	0	0
Subtotal other chemicals and related products	1,286	906	380	0	—
3211 acyclic hydrocarbons	7	5	2	—	—
3212 benzene & toluene	4	4	0	—	—
3219 other hydrocarbons	21	13	8	—	—
3220 alcohols	172	157	15	—	—
3230 carboxylic acids	64	59	5	—	—
3240 nitrogen func. comp.	24	14	11	—	—
3250 organo - inorg. comp.	13	9	4	—	—
3260 organic comp. nec	241	237	4	—	—
3272 sulphuric acid	0	0	0	—	—
3273 ammonia	0	0	0	—	—
3274 sodium hydroxide	13	12	1	—	—
3275 inorg. elem., oxides, & halogen salts	52	28	24	—	—
3276 metallic salts	35	24	11	—	—
3279 inorganic chem. nec	9	5	4	—	—
3281 radioactive material	2	1	1	—	—
3282 pigments & paints	51	36	15	—	—
3283 coloring mat. nec	7	4	4	—	—
3284 medicines	23	11	13	—	—
3285 perfumes & cleansers	102	51	52	—	—
3286 plastics	235	100	134	0	—
3291 pesticides	10	3	7	—	—
3292 starches, gluten, glue	28	20	8	—	—
3293 explosives	1	0	0	—	—
3297 chemical additives	62	46	16	—	—
3298 wood & resin chem.	1	1	0	—	—
3299 chem. products nec	105	65	40	—	—
Total crude materials, inedible except fuels	2,758	854	1,056	848	0
Subtotal forest products, wood and chips	191	78	83	30	0
4110 rubber & gums	1	0	0	—	—
4150 fuel wood	1	0	0	—	—
4161 wood chips	0	—	0	—	—
4170 wood in the rough	25	2	23	—	—
4189 lumber	134	51	54	30	0
4190 forest products nec	30	25	5	—	—
Subtotal pulp and waste paper	681	5	676	0	—
4225 pulp & waste paper	681	5	676	0	—
Subtotal soil, sand, gravel, rock and stone	899	124	2	773	—
4310 building stone	81	81	0	—	—
4322 limestone	4	4	0	—	—
4323 gypsum	480	36	0	443	—
4331 sand & gravel	333	2	1	330	—
Subtotal iron ore and scrap	258	34	224	—	—
4410 iron ore	34	34	0	—	—
4420 iron & steel scrap	224	0	224	—	—

UPPER BAY, NEW YORK HARBOR, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Subtotal marine shells	0	0	0	---	---
4515 marine shells	0	0	0	---	---
Subtotal non-ferrous ores and scrap	66	8	58	---	---
4650 aluminum ore	4	3	1	---	---
4680 non-ferrous scrap	58	1	56	---	---
4690 non-ferrous ores nec	4	4	1	---	---
Subtotal sulphur, clay and salt	5	4	1	---	---
4741 sulphur, (dry)	0	0	0	---	---
4782 clay & refrac. mat.	5	4	1	---	---
Subtotal slag	1	0	1	---	---
4860 slag	1	0	1	---	---
Subtotal other non-metal. min.	657	601	10	45	---
4900 non-metal. min. nec	657	601	10	45	---
Total primary manufactured goods	1,896	1,447	388	61	---
Subtotal paper products	273	156	115	2	---
5110 newsprint	23	1	21	1	---
5120 paper & paperboard	195	129	66	0	---
5190 paper products nec	54	25	29	0	---
Subtotal lime, cement and glass	935	842	34	58	---
5210 lime	0	0	0	---	---
5220 cement & concrete	363	363	0	---	---
5240 glass & glass prod.	97	76	21	---	---
5290 misc. mineral prod.	474	403	13	58	---
Subtotal primary iron and steel products	129	91	38	0	---
5312 pig iron	7	5	2	0	---
5315 ferro alloys	3	2	0	---	---
5320 i&s primary forms	18	11	6	0	---
5330 i&s plates & sheets	34	14	19	0	---
5360 i&s bars & shapes	23	20	3	0	---
5370 i&s pipe & tube	18	14	4	0	---
5390 primary i&s nec	26	24	3	---	---
Subtotal primary non-ferrous metal products	460	268	192	0	---
5421 copper	30	26	4	0	---
5422 aluminum	22	13	9	---	---
5429 smelted prod. nec	115	17	98	---	---
5480 fab. metal products	293	212	81	0	---
Subtotal primary wood products	99	91	9	---	---
5540 primary wood prod.	99	91	9	---	---
Total food and farm products	1,913	1,610	297	4	1
Subtotal fish	75	66	8	1	0
6134 fish (not shellfish)	39	31	6	1	0
6136 shellfish	37	35	2	0	0
Subtotal grain	31	25	5	---	---
6241 wheat	0	0	0	---	---
6344 corn	5	0	5	---	---
6442 rice	25	25	0	---	---
6443 barley & rye	0	0	0	---	---
6445 oats	0	0	0	---	---
6447 sorghum grains	0	0	---	---	---
Subtotal oilseeds	25	21	4	---	---
6521 peanuts	3	3	0	---	---
6522 soybeans	1	1	0	---	---
6534 flaxseed	0	---	0	---	---
6590 oilseeds nec	20	16	4	---	---
Subtotal vegetable products	354	310	42	1	0
6653 vegetable oils	139	135	4	---	---
6654 vegetables & prod.	215	175	38	1	0
Subtotal processed grain and animal feed	72	36	36	0	---
6746 wheat flour	3	1	3	0	---
6747 grain mill products	39	30	8	0	---
6781 hay & fodder	1	0	0	---	---
6782 animal feed, prep.	29	4	25	---	---
Subtotal other agricultural products	1,356	1,153	201	1	1
6811 meat, fresh, frozen	31	8	22	0	0
6817 meat, prepared	7	6	1	---	---
6822 dairy products	68	55	13	0	---
6835 fish, prepared	21	18	2	1	---
6838 tallow, animal oils	2	1	1	0	---
6839 animals & prod. nec	38	10	28	---	---
6856 bananas & plantains	44	43	0	---	---
6857 fruit & nuts nec	96	86	10	---	0
6858 fruit juices	139	134	5	---	---
6861 sugar	13	10	3	---	---
6865 molasses	0	0	0	---	---
6871 coffee	76	73	3	---	---
6872 cocoa beans	59	58	1	---	---
6885 alcoholic beverages	332	322	10	---	0
6888 water & ice	66	64	1	---	---
6889 food products nec	334	246	88	---	---
6891 tobacco & products	3	3	1	---	---
6893 cotton	2	1	1	---	---
6894 natural fibers nec	4	4	0	---	---
6899 farm products nec	21	12	9	---	---

UPPER BAY, NEW YORK HARBOR, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total all manufactured equipment, machinery and products	2,341	1,808	529	3	0
7110 machinery (not elec)	291	208	83	0	0
7120 electrical machinery	192	123	69	0	—
7210 vehicles & parts	633	488	145	0	—
7220 aircraft & parts	2	1	1	—	—
7230 ships & boats	3	1	2	—	—
7300 ordnance & access.	6	5	1	—	—
7400 manufac. wood prod.	31	25	6	0	—
7500 textile products	344	290	54	0	0
7600 rubber & plastic pr.	196	153	43	0	0
7900 manufac. prod. nec	642	514	125	2	0
Total unknown or not elsewhere classified	373	185	188	0	0
9900 unknown or nec	373	185	188	0	0
Ton-miles (x1000) Foreign & Canadian	91,894	72,616	10,353	8,782	143

Commodity	Total**	Coastwise	
		Receipts	Shipments
Total, all commodities	1,923	584	1,339
Total petroleum and petroleum products	1,429	370	1,059
Subtotal crude petroleum	34	—	34
2100 crude petroleum	34	—	34
Subtotal petroleum products	1,395	370	1,024
2211 gasoline	414	84	330
2221 kerosene	24	—	24
2330 distillate fuel oil	332	105	227
2340 residual fuel oil	450	23	427
2429 naphtha & solvents	174	159	16
Total chemicals and related products	241	164	77
Subtotal other chemicals and related products	241	164	77
3220 alcohols	7	—	7
3297 chemical additives	234	164	70
Total crude materials, inedible except fuels	125	—	125
Subtotal iron ore and scrap	125	—	125
4420 iron & steel scrap	125	—	125
Total all manufactured equipment, machinery and products	127	49	78
7900 manufac. prod. nec	127	49	78
Ton-miles (x1000) Coastwise	5,734	1,209	4,524

Commodity	Total**	Internal					
		Inbound		Outbound		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	5,644	127	798	4,565	140	4	9
Total petroleum and petroleum products	5,154	26	748	4,356	13	4	9
Subtotal crude petroleum	618	—	—	618	—	—	—
2100 crude petroleum	618	—	—	618	—	—	—
Subtotal petroleum products	4,536	26	748	3,738	13	4	9
2211 gasoline	1,532	24	77	1,427	—	4	—
2221 kerosene	185	—	—	185	—	—	—
2330 distillate fuel oil	787	0	11	763	13	—	—
2340 residual fuel oil	1,759	2	621	1,128	—	—	9
2350 lube oil & greases	4	0	4	—	—	—	—
2429 naphtha & solvents	252	—	33	218	—	—	—
2430 asphalt, tar & pitch	8	—	—	8	—	—	—
2990 petro. products nec	9	—	0	8	0	—	0
Total chemicals and related products	190	—	16	174	—	—	—
Subtotal other chemicals and related products	190	—	16	174	—	—	—
3212 benzene & toluene	3	—	—	3	—	—	—
3219 other hydrocarbons	5	—	—	5	—	—	—
3220 alcohols	8	—	—	8	—	—	—
3297 chemical additives	149	—	16	133	—	—	—
3299 chem. products nec	26	—	—	26	—	—	—

UPPER BAY, NEW YORK HARBOR, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total**	Internal					
		Inbound		Outbound		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total crude materials, inedible except fuels	1	---	0	0	---	---	---
Subtotal forest products, wood and chips	1	---	0	0	---	---	---
4170 wood in the rough	1	---	0	0	---	---	---
Total food and farm products	5	---	---	5	---	---	---
Subtotal vegetable products	5	---	---	5	---	---	---
6653 vegetable oils	5	---	---	5	---	---	---
Total all manufactured equipment, machinery and products	293	102	34	30	127	1	---
7900 manufac. prod. nec	293	102	34	30	127	1	---
Ton-miles (x1000)	13,528	179	1,236	11,934	166	4	9
Internal							
Tons All Traffic (x1000)	106,071						
Ton-miles All Traffic (x1000)	329,943						

*Includes 712 (x1000) tons of foreign inbound in-transits; Includes 173 (x1000) tons of foreign outbound in-transits;
 Includes 527 (x1000) tons of Canadian inbound in-transits; Includes 0 (x1000) tons of Canadian outbound in-transits.

**Does not include 69,670 (x1000) tons of through traffic.

NEWARK BAY, NJ (INCLUDED IN PORT OF NEW YORK)

Section Included: Entire Bay. Maintained Depth: 35 feet in Newark Bay, including Branch Channels at Port Newark and Port Elizabeth to a point 1,200 feet south of Central Railroad of NJ Bridge; balance of waterway ranges from 32 To 35 feet. Project Length: About 4.7 miles. Tidal range to 6 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	22,804	1995	24,214	1998	21,377	2001	22,838
1993	22,586	1996	21,379	1999	18,546		
1994	24,124	1997	22,062	2000	25,637		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total, all commodities	15,858	11,491	4,224	140	3
Total coal	38	37	1	---	---
1100 coal lignite	38	37	1	---	---
Total petroleum and petroleum products	888	817	40	32	---
Subtotal crude petroleum	74	74	0	---	---
2100 crude petroleum	74	74	0	---	---
Subtotal petroleum products	814	743	40	32	---
2211 gasoline	197	197	0	---	---
2221 kerosene	32	30	1	---	---
2330 distillate fuel oil	19	19	0	---	---
2340 residual fuel oil	465	433	0	32	---
2350 lube oil & greases	28	4	24	---	---
2410 petro. jelly & waxes	13	9	4	---	---
2429 naphtha & solvents	57	48	8	---	---
2430 asphalt, tar & pitch	1	1	0	---	---
2540 petroleum coke	2	1	2	---	---
2640 liquid natural gas	1	0	0	---	---
Total chemicals and related products	1,478	887	590	0	0
Subtotal fertilizers	13	9	4	0	---
3110 nitrogenous fert.	4	3	0	---	---
3120 phosphatic fert.	0	0	0	---	---
3130 potassic fert.	1	1	0	---	---
3190 fert. & mixes nec	9	4	4	0	---
Subtotal other chemicals and related products	1,464	878	586	0	0
3211 acyclic hydrocarbons	5	3	3	---	---
3212 benzene & toluene	1	0	0	---	---
3219 other hydrocarbons	25	16	9	---	---
3220 alcohols	106	76	30	---	---
3230 carboxylic acids	98	87	11	---	---
3240 nitrogen func. comp.	46	25	21	---	---
3250 organo - inorg. comp.	25	18	7	---	---
3260 organic comp. nec	45	36	8	0	---
3272 sulphuric acid	1	0	1	0	---
3273 ammonia	1	0	0	---	---
3274 sodium hydroxide	10	8	1	---	---
3275 inorg. elem.oxides, & halogen salts	109	60	49	0	0
3276 metallic salts	76	59	17	---	---
3279 inorganic chem. nec	18	12	7	---	---

NEWARK BAY, NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
3281 radioactive material	2	1	1	—	—
3282 pigments & paints	42	19	23	0	—
3283 coloring mat. nec	17	8	9	—	—
3284 medicines	38	19	19	—	—
3285 perfumes & cleansers	143	70	73	0	—
3286 plastics	388	196	192	0	0
3291 pesticides	20	9	11	—	—
3292 starches, gluten, glue	54	41	13	—	—
3293 explosives	1	1	0	—	—
3297 chemical additives	33	14	19	—	—
3298 wood & resin chem.	2	2	0	—	—
3299 chem. products nec	159	95	64	—	—
Total crude materials, inedible except fuels	3,874	2,251	1,533	90	—
Subtotal forest products, wood and chips	247	128	119	0	—
4110 rubber & gums	2	1	1	—	—
4150 fuel wood	1	1	1	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	39	2	37	—	—
4189 lumber	158	84	74	0	—
4190 forest products nec	47	40	7	—	—
Subtotal pulp and waste paper	1,146	8	1,138	—	—
4225 pulp & waste paper	1,146	8	1,138	—	—
Subtotal soil, sand, gravel, rock and stone	612	518	5	90	—
4310 building stone	364	364	0	—	—
4322 limestone	3	2	1	—	—
4323 gypsum	177	147	1	30	—
4331 sand & gravel	68	6	2	60	—
Subtotal iron ore and scrap	286	99	187	—	—
4410 iron ore	99	99	—	—	—
4420 iron & steel scrap	187	0	187	—	—
Subtotal marine shells	0	0	0	—	—
4515 marine shells	0	0	0	—	—
Subtotal non-ferrous ores and scrap	85	15	70	—	—
4630 copper ore	1	1	—	—	—
4650 aluminum ore	11	7	4	—	—
4670 manganese ore	0	—	0	—	—
4680 non-ferrous scrap	69	4	65	—	—
4690 non-ferrous ores nec	5	3	1	—	—
Subtotal sulphur, clay and salt	29	26	3	—	—
4741 sulphur, (dry)	0	0	0	—	—
4782 clay & refrac. mat.	29	26	3	—	—
Subtotal slag	1	0	0	—	—
4860 slag	1	0	0	—	—
Subtotal other non-metal. min.	1,467	1,456	11	0	—
4900 non-metal. min. nec	1,467	1,456	11	0	—
Total primary manufactured goods	2,331	1,735	590	7	0
Subtotal paper products	567	374	188	6	0
5110 newsprint	37	3	32	2	—
5120 paper & paperboard	446	326	117	3	0
5190 paper products nec	84	45	39	0	—
Subtotal lime, cement and glass	695	643	52	0	—
5210 lime	0	0	0	—	—
5220 cement & concrete	185	185	0	—	—
5240 glass & glass prod.	137	106	30	—	—
5290 misc. mineral prod.	373	352	21	0	—
Subtotal primary iron and steel products	229	179	50	0	0
5312 pig iron	26	24	2	—	—
5315 ferro alloys	6	6	1	—	—
5320 i&s primary forms	30	21	10	0	—
5330 i&s plates & sheets	58	34	24	0	—
5360 i&s bars & shapes	41	37	3	0	0
5370 i&s pipe & tube	32	27	5	0	—
5390 primary i&s nec	35	30	5	0	0
Subtotal primary non-ferrous metal products	787	496	290	1	0
5421 copper	50	44	6	—	—
5422 aluminum	44	33	11	—	—
5429 smelted prod. nec	225	27	198	—	—
5480 fab. metal products	469	393	75	1	0
Subtotal primary wood products	52	42	10	0	—
5540 primary wood prod.	52	42	10	0	—
Total food and farm products	3,115	2,678	429	7	2
Subtotal fish	136	116	16	3	1
6134 fish (not shellfish)	78	62	13	3	0
6136 shellfish	57	54	3	0	0
Subtotal grain	68	57	11	—	—
6241 wheat	1	1	0	—	—
6344 corn	12	2	10	—	—
6442 rice	54	54	0	—	—
6443 barley & rye	0	0	0	—	—
6445 oats	0	0	0	—	—
6447 sorghum grains	1	1	0	—	—
Subtotal oilseeds	47	40	7	—	—
6521 peanuts	13	13	0	—	—

NEWARK BAY, NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
6522 soybeans	3	3	0	—	—
6534 flaxseed	0	—	0	—	—
6590 oilseeds nec	30	24	6	—	—
Subtotal vegetable products	552	492	57	3	—
6653 vegetable oils	207	203	5	—	—
6654 vegetables & prod.	344	290	52	3	—
Subtotal processed grain and animal feed	131	73	58	0	—
6746 wheat flour	4	2	2	0	—
6747 grain mill products	78	66	12	—	—
6781 hay & fodder	1	0	1	—	—
6782 animal feed, prep.	48	5	43	—	—
Subtotal other agricultural products	2,183	1,900	281	2	1
6811 meat, fresh, frozen	55	22	32	0	1
6817 meat, prepared	17	15	1	—	—
6822 dairy products	120	103	17	0	—
6835 fish, prepared	37	34	2	1	—
6838 tallow, animal oils	4	3	1	0	—
6839 animals & prod. nec	46	14	32	0	0
6856 bananas & plantains	9	9	0	—	—
6857 fruit & nuts nec	199	168	31	0	—
6858 fruit juices	266	258	9	—	—
6861 sugar	29	26	3	—	—
6865 molasses	0	0	0	—	—
6871 coffee	156	150	6	—	—
6872 cocoa beans	80	78	2	—	—
6885 alcoholic beverages	585	572	13	0	0
6888 water & ice	65	64	2	0	—
6889 food products nec	458	343	115	0	0
6891 tobacco & products	8	6	2	—	—
6893 cotton	2	1	1	—	—
6894 natural fibers nec	5	5	0	—	—
6899 farm products nec	40	30	10	0	—
Total all manufactured equipment, machinery and products	3,580	2,822	754	4	1
7110 machinery (not elec)	475	346	129	0	0
7120 electrical machinery	308	205	102	0	0
7210 vehicles & parts	804	637	167	0	0
7220 aircraft & parts	4	2	2	—	—
7230 ships & boats	4	2	2	0	—
7300 ordnance & access.	5	4	2	—	—
7400 manufac. wood prod.	56	43	12	0	—
7500 textile products	541	470	70	1	0
7600 rubber & plastic pr.	331	265	65	0	—
7900 manufac. prod. nec	1,052	846	203	3	0
Total unknown or not elsewhere classified	553	265	287	0	—
9900 unknown or nec	553	265	287	0	—
Ton-miles (x1000) Foreign & Canadian	33,838	24,945	8,514	374	5

Commodity	Total**	Coastwise	
		Receipts	Shipments
Total, all commodities	943	270	673
Total petroleum and petroleum products	33	18	15
Subtotal petroleum products	33	18	15
2330 distillate fuel oil	8	5	4
2340 residual fuel oil	25	14	11
Total chemicals and related products	1	0	1
Subtotal other chemicals and related products	1	0	1
3282 pigments & paints	0	—	0
3299 chem. products nec	1	0	1
Total crude materials, inedible except fuels	7	—	7
Subtotal iron ore and scrap	7	—	7
4420 iron & steel scrap	7	—	7
Total all manufactured equipment, machinery and products	901	251	650
7210 vehicles & parts	2	—	2
7900 manufac. prod. nec	899	251	648
Ton-miles (x1000) Coastwise	1,390	417	973

NEWARK BAY, NJ (INCLUDED IN PORT OF NEW YORK)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total**	Internal					
		Inbound		Outbound		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	2,518	1,431	32	13	607	25	411
Total petroleum and petroleum products	1,813	1,023	32	13	310	25	411
Subtotal petroleum products	1,813	1,023	32	13	310	25	411
2211 gasoline	15	—	—	—	15	—	—
2330 distillate fuel oil	17	11	—	—	6	—	—
2340 residual fuel oil	1,773	1,005	30	13	289	25	411
2350 lube oil & greases	7	5	2	—	—	—	—
2990 petro. products nec	2	2	—	—	—	—	—
Total crude materials, inedible except fuels	4	4	—	—	0	0	0
Subtotal forest products, wood and chips	3	3	—	—	0	0	0
4170 wood in the rough	3	3	—	—	0	0	0
Subtotal soil, sand, gravel, rock and stone	1	1	—	—	—	—	—
4331 sand & gravel	1	1	—	—	—	—	—
Total primary manufactured goods	1	1	—	—	—	—	—
Subtotal primary non-ferrous metal products	1	1	—	—	—	—	—
5480 fab. metal products	1	1	—	—	—	—	—
Total food and farm products	7	7	—	—	—	—	—
Subtotal vegetable products	7	7	—	—	—	—	—
6653 vegetable oils	7	7	—	—	—	—	—
Total all manufactured equipment, machinery and products	694	397	—	—	297	—	—
7800 empty containers	18	2	—	—	16	—	—
7900 manufac. prod. nec	676	395	—	—	281	—	—
Ton-miles (x1000)	5,553	3,057	100	27	1,820	25	525
Internal							
Tons All Traffic (x1000)	22,838						
Ton-miles All Traffic (x1000)	58,376						

*Includes 479 (x1000) tons of foreign inbound in-transits; Includes 244 (x1000) tons of foreign outbound in-transits;
Includes 14 (x1000) tons of Canadian inbound in-transits.

**Does not include 3,519 (x1000) tons of through traffic.

HACKENSACK RIVER, NJ (INCLUDED IN PORT OF NEW YORK)

Section Included: From mouth upstream to New York, Susquehanna & Western R. R. Bridge at Hackensack. Maintained Depth: 30 feet from the junction of Hackensack and Passaic Rivers to 300 feet south of Central Railroad of New Jersey Bridge; balance of waterway ranges from 10 to 30 feet. Project Length: 16.5 miles. Tidal range to 6 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	2,035	1995	1,269	1998	1,325	2001	1,942
1993	1,542	1996	1,254	1999	1,335		
1994	1,305	1997	1,490	2000	1,909		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign Inbound	Domestic			Internal	
			Total	Coastwise		Inbound Upbound	Outbound Downbnd
				Receipts	Shipments		
Total, all commodities	1,942	98	1,844	1,234	44	309	257
Total coal	1,073	—	1,073	1,064	8	—	—
1100 coal lignite	1,073	—	1,073	1,064	8	—	—
Total petroleum and petroleum products	510	46	465	169	22	260	13
Subtotal petroleum products	510	46	465	169	22	260	13
2211 gasoline	15	15	—	—	—	—	—
2330 distillate fuel oil	182	—	182	—	5	177	—
2340 residual fuel oil	113	—	113	26	18	60	10
2350 lube oil & greases	3	—	3	—	—	—	3
2430 asphalt, tar & pitch	167	—	167	144	—	23	—
2540 petroleum coke	31	31	—	—	—	—	—
Total chemicals and related products	62	—	62	—	13	49	—
Subtotal other chemicals and related products	62	—	62	—	13	49	—
3274 sodium hydroxide	49	—	49	—	—	49	—
3276 metallic salts	13	—	13	—	13	—	—

HACKENSACK RIVER, NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign	Domestic				
		Inbound	Total	Coastwise		Internal	
			Receipts	Shipments	Inbound Upbound	Outbound Downbnd	
Total crude materials, inedible except fuels	42	41	1	---	---	1	---
Subtotal soil, sand, gravel, rock and stone	1	---	1	---	---	1	---
4331 sand & gravel	1	---	1	---	---	1	---
Subtotal other non-metal. min.	41	41	---	---	---	---	---
4900 non-metal. min. nec	41	41	---	---	---	---	---
Total primary manufactured goods	11	11	---	---	---	---	---
Subtotal lime, cement and glass	11	11	---	---	---	---	---
5290 misc. mineral prod.	11	11	---	---	---	---	---
Total food and farm products	0	---	0	---	---	0	---
Subtotal other agricultural products	0	---	0	---	---	0	---
6888 water & ice	0	---	0	---	---	0	---
Total waste and scrap nec	244	---	244	---	---	---	244
8900 waste and scrap nec	244	---	244	---	---	---	244
Ton-miles (x1000)	9,955	558	9,397	3,846	118	2,709	2,724
Tons All Traffic (x1000)	1,942						
Ton-miles All Traffic (x1000)	9,955						

PASSAIC RIVER, NJ (INCLUDED IN PORT OF NEW YORK)

Section Included: From mouth upstream to Gregory Avenue, Passaic. Controlling Depth: 15 feet from the junction of Hackensack and Passaic Rivers to C. R. R. of NJ Bridge; balance of waterway ranges, between 6 and 14 feet. Project Depth: 30, 20, 16 and 10 feet. All at mean low water. Project Length: About 15.4 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	5,023	1995	3,586	1998	1,912	2001	2,209
1993	3,932	1996	3,386	1999	1,540		
1994	3,780	1997	2,450	2000	1,943		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
Total, all commodities	2,209	121	223	1,297	563	5	1
Total petroleum and petroleum products	1,889	102	182	1,036	563	5	1
Subtotal petroleum products	1,889	102	182	1,036	563	5	1
2211 gasoline	861	10	38	779	29	5	---
2221 kerosene	76	---	8	44	24	---	---
2330 distillate fuel oil	709	15	115	146	434	---	---
2340 residual fuel oil	239	78	19	66	76	---	1
2350 lube oil & greases	2	---	2	0	---	---	---
2429 naphtha & solvents	1	---	---	1	---	---	---
2990 petro. products nec	1	---	---	---	1	---	---
Total chemicals and related products	17	17	---	---	---	---	---
Subtotal other chemicals and related products	17	17	---	---	---	---	---
3220 alcohols	15	15	---	---	---	---	---
3272 sulphuric acid	2	2	---	---	---	---	---
Total crude materials, inedible except fuels	42	1	41	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	1	1	---	---	---	---	---
4331 sand & gravel	1	1	---	---	---	---	---
Subtotal iron ore and scrap	41	---	41	---	---	---	---
4420 iron & steel scrap	41	---	41	---	---	---	---
Total primary manufactured goods	10	---	---	10	---	---	---
Subtotal lime, cement and glass	10	---	---	10	---	---	---
5220 cement & concrete	10	---	---	10	---	---	---

PASSAIC RIVER, NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Grand Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
Total waste and scrap nec	251	---	---	251	---	---	---
8900 waste and scrap nec	251	---	---	251	---	---	---
Ton-miles (x1000)	3,630	300	224	2,095	1,006	5	1
Tons All Traffic (x1000)	2,209						
Ton-miles All Traffic (x1000)	3,630						

NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ (INCLUDED IN PORT OF NEW YORK)

Section Included: From Main Ship Channel northwest of Sandy Hook through Lower New York Bay, Raritan Bay, Perth Amboy Anchorage, Arthur Kill and Kill Van Kull to upper New York Bay. Maintained Depth: 35 feet from a junction with Main Ship Channel to vicinity of Tottenville; 37 feet in Perth Amboy Anchorage; balance of waterway ranges from 20 to 35 feet. Project Length: 33 miles. Tidal range to 6 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	80,177	1995	90,557	1998	95,823	2001	96,784
1993	83,897	1996	92,797	1999	89,785		
1994	91,559	1997	94,921	2000	98,007		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total**	Foreign		Canadian
		Inbound*	Outbound*	Inbound*
Total, all commodities	20,542	16,868	719	2,955
Total coal	1	0	1	---
1100 coal lignite	1	0	1	---
1200 coal coke	0	---	0	---
Total petroleum and petroleum products	17,435	14,463	80	2,892
Subtotal crude petroleum	8,603	6,351	49	2,203
2100 crude petroleum	8,603	6,351	49	2,203
Subtotal petroleum products	8,831	8,112	31	689
2211 gasoline	4,464	4,105	0	359
2221 kerosene	86	86	0	---
2330 distillate fuel oil	436	341	---	95
2340 residual fuel oil	3,153	2,912	23	218
2350 lube oil & greases	51	46	5	---
2410 petro. jelly & waxes	1	1	0	---
2429 naphtha & solvents	607	589	2	17
2430 asphalt, tar & pitch	0	0	0	---
2540 petroleum coke	0	0	0	---
2640 liquid natural gas	33	33	0	---
Total chemicals and related products	845	688	146	10
Subtotal fertilizers	3	1	2	---
3110 nitrogenous fert.	0	0	0	---
3120 phosphatic fert.	0	0	0	---
3130 potassic fert.	0	0	0	---
3190 fert. & mixes nec	3	1	2	---
Subtotal other chemicals and related products	841	687	144	10
3211 acyclic hydrocarbons	35	34	1	---
3212 benzene & toluene	7	7	0	---
3219 other hydrocarbons	43	37	6	---
3220 alcohols	160	156	4	---
3230 carboxylic acids	25	23	2	---
3240 nitrogen func. comp.	13	4	9	---
3250 organo - inorg. comp.	3	1	2	---
3260 organic comp. nec	261	254	1	5
3272 sulphuric acid	0	0	0	---
3273 ammonia	0	0	0	---
3274 sodium hydroxide	23	22	0	---
3275 inorg. elem., oxides, & halogen salts	14	7	8	---
3276 metallic salts	12	9	3	---
3279 inorganic chem. nec	3	2	1	---
3281 radioactive material	0	0	0	---
3282 pigments & paints	32	26	6	---
3283 coloring mat. nec	4	3	2	---
3284 medicines	6	3	4	---
3285 perfumes & cleansers	31	16	15	0
3286 plastics	89	38	52	0
3291 pesticides	2	0	2	---
3292 starches, gluten, glue	12	9	2	---
3293 explosives	0	0	0	---
3297 chemical additives	17	3	14	---

NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total**	Foreign		Canadian
		Inbound*	Outbound*	Inbound*
3298 wood & resin chem.	1	1	0	—
3299 chem. products nec	48	32	11	5
Total crude materials, inedible except fuels	280	103	140	37
Subtotal forest products, wood and chips	43	31	13	—
4110 rubber & gums	2	1	1	—
4150 fuel wood	0	0	—	—
4161 wood chips	0	—	0	—
4170 wood in the rough	3	1	2	—
4189 lumber	30	23	8	—
4190 forest products nec	7	6	1	—
Subtotal pulp and waste paper	112	1	111	—
4225 pulp & waste paper	112	1	111	—
Subtotal soil, sand, gravel, rock and stone	46	8	1	37
4310 building stone	6	6	—	—
4322 limestone	1	1	1	—
4323 gypsum	0	0	0	—
4331 sand & gravel	38	1	0	37
Subtotal iron ore and scrap	5	0	5	—
4410 iron ore	0	—	0	—
4420 iron & steel scrap	5	0	5	—
Subtotal marine shells	0	0	0	—
4515 marine shells	0	0	0	—
Subtotal non-ferrous ores and scrap	5	1	4	—
4650 aluminum ore	0	0	0	—
4680 non-ferrous scrap	4	0	4	—
4690 non-ferrous ores nec	1	1	0	—
Subtotal sulphur, clay and salt	3	3	0	—
4741 sulphur, (dry)	0	—	0	—
4782 clay & refrac. mat.	3	3	0	—
Subtotal other non-metal. min.	65	59	5	—
4900 non-metal. min. nec	65	59	5	—
Total primary manufactured goods	343	251	92	—
Subtotal paper products	58	26	32	—
5110 newsprint	1	—	1	—
5120 paper & paperboard	43	18	25	—
5190 paper products nec	14	8	6	—
Subtotal lime, cement and glass	130	115	15	—
5210 lime	0	0	0	—
5220 cement & concrete	2	1	0	—
5240 glass & glass prod.	25	16	8	—
5290 misc. mineral prod.	103	97	6	—
Subtotal primary iron and steel products	31	22	9	—
5312 pig iron	2	1	1	—
5315 ferro alloys	1	1	0	—
5320 i&s primary forms	4	3	1	—
5330 i&s plates & sheets	8	3	5	—
5360 i&s bars & shapes	8	8	0	—
5370 i&s pipe & tube	5	4	1	—
5390 primary i&s nec	3	3	1	—
Subtotal primary non-ferrous metal products	111	76	35	—
5421 copper	11	9	1	—
5422 aluminum	9	6	2	—
5429 smelted prod. nec	18	4	14	—
5480 fab. metal products	74	57	17	—
Subtotal primary wood products	13	11	1	—
5540 primary wood prod.	13	11	1	—
Total food and farm products	917	819	81	16
Subtotal fish	39	36	3	0
6134 fish (not shellfish)	12	10	2	0
6136 shellfish	28	26	1	—
Subtotal grain	11	10	1	—
6241 wheat	0	0	—	—
6344 corn	1	0	1	—
6442 rice	9	9	0	—
6443 barley & rye	0	0	0	—
6445 oats	0	0	—	—
Subtotal oilseeds	12	12	1	—
6521 peanuts	2	2	—	—
6522 soybeans	0	0	0	—
6590 oilseeds nec	10	10	1	—
Subtotal vegetable products	65	57	8	0
6653 vegetable oils	17	16	1	—
6654 vegetables & prod.	47	40	7	0
Subtotal processed grain and animal feed	27	13	14	—
6746 wheat flour	0	0	0	—
6747 grain mill products	9	8	2	—
6781 hay & fodder	0	0	0	—
6782 animal feed, prep.	17	5	11	—
Subtotal other agricultural products	763	692	55	16
6811 meat, fresh, frozen	12	3	10	0
6817 meat, prepared	3	3	1	—
6822 dairy products	21	15	5	—
6835 fish, prepared	20	20	0	—

NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total**	Foreign		Canadian
		Inbound*	Outbound*	Inbound*
6838 tallow, animal oils	1	0	0	—
6839 animals & prod. nec	41	22	3	16
6856 bananas & plantains	115	115	0	—
6857 fruit & nuts nec	41	35	6	—
6858 fruit juices	74	72	2	—
6861 sugar	3	2	0	—
6865 molasses	0	—	0	—
6871 coffee	65	65	0	—
6872 cocoa beans	55	54	0	—
6885 alcoholic beverages	193	190	3	—
6888 water & ice	19	18	0	—
6889 food products nec	90	70	19	—
6891 tobacco & products	1	1	0	—
6893 cotton	0	0	0	—
6894 natural fibers nec	2	2	0	—
6899 farm products nec	8	4	4	0
Total all manufactured equipment, machinery and products	626	487	138	0
7110 machinery (not elec)	72	46	26	—
7120 electrical machinery	75	50	25	—
7210 vehicles & parts	41	26	16	0
7220 aircraft & parts	1	1	0	—
7230 ships & boats	0	0	0	—
7300 ordnance & access.	1	1	0	—
7400 manufac. wood prod.	10	8	1	—
7500 textile products	190	171	19	0
7600 rubber & plastic pr.	58	43	15	0
7900 manufac. prod. nec	176	141	36	0
Total unknown or not elsewhere classified	98	57	41	0
9900 unknown or nec	98	57	41	0
Ton-miles (x1000)	377,724	296,079	17,462	64,183
Foreign & Canadian				

Commodity	Total**	Coastwise	
		Receipts	Shipments
Total, all commodities	27,660	8,587	19,073
Total petroleum and petroleum products	25,394	6,479	18,916
Subtotal crude petroleum	739	736	3
2100 crude petroleum	739	736	3
Subtotal petroleum products	24,656	5,743	18,912
2211 gasoline	10,705	1,181	9,524
2221 kerosene	526	254	273
2330 distillate fuel oil	5,729	925	4,804
2340 residual fuel oil	5,787	2,606	3,181
2350 lube oil & greases	327	325	2
2429 naphtha & solvents	530	227	303
2430 asphalt, tar & pitch	942	117	825
2990 petro. products nec	108	108	—
Total chemicals and related products	2,041	1,888	153
Subtotal other chemicals and related products	2,041	1,888	153
3211 acyclic hydrocarbons	4	4	—
3212 benzene & toluene	26	26	—
3219 other hydrocarbons	113	113	—
3220 alcohols	268	268	—
3230 carboxylic acids	87	79	8
3240 nitrogen func. comp.	9	9	—
3260 organic comp. nec	16	16	—
3274 sodium hydroxide	233	220	13
3275 inorg. elem.,oxides, & halogen salts	3	3	—
3276 metallic salts	37	37	—
3286 plastics	4	4	—
3297 chemical additives	1,242	1,110	132
Total crude materials, inedible except fuels	94	94	—
Subtotal soil, sand, gravel, rock and stone	94	94	—
4331 sand & gravel	94	94	—
Total primary manufactured goods	112	112	—
Subtotal lime, cement and glass	112	112	—
5220 cement & concrete	112	112	—

NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ (INCLUDED IN PORT OF NEW YORK)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total**	Coastwise	
		Receipts	Shipments
Total all manufactured equipment, machinery and products	18	15	4
7110 machinery (not elec)	0	0	—
7230 ships & boats	0	0	—
7900 manufac. prod. nec	18	14	4
Ton-miles (x1000)	282,547	96,494	186,053
Coastwise			

Commodity	Total**	Internal					
		Inbound		Outbound		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	25,858	300	5,491	13,464	1,349	2,358	2,896
Total petroleum and petroleum products	23,550	146	3,827	13,423	1,300	2,316	2,539
Subtotal crude petroleum	930	14	683	5	—	67	161
2100 crude petroleum	930	14	683	5	—	67	161
Subtotal petroleum products	22,620	132	3,144	13,418	1,300	2,249	2,378
2211 gasoline	8,561	43	1,492	5,388	49	641	948
2221 kerosene	420	—	123	264	7	9	17
2330 distillate fuel oil	6,553	24	489	4,582	242	413	803
2340 residual fuel oil	6,221	55	803	2,865	1,000	996	502
2350 lube oil & greases	54	0	0	6	3	45	0
2429 naphtha & solvents	492	10	217	37	—	121	107
2430 asphalt, tar & pitch	282	—	8	271	—	3	—
2990 petro. products nec	36	—	11	5	—	21	—
Total chemicals and related products	656	3	182	23	49	42	357
Subtotal other chemicals and related products	656	3	182	23	49	42	357
3212 benzene & toluene	3	—	3	—	—	—	—
3219 other hydrocarbons	6	—	5	—	—	—	2
3220 alcohols	19	—	8	—	—	—	11
3230 carboxylic acids	3	—	—	—	—	—	3
3260 organic comp. nec	3	—	—	—	—	—	3
3274 sodium hydroxide	49	—	—	—	49	—	—
3297 chemical additives	547	3	141	23	—	42	339
3299 chem. products nec	26	—	26	—	—	—	—
Total crude materials, inedible except fuels	759	151	599	8	0	0	0
Subtotal forest products, wood and chips	9	—	0	8	0	0	0
4170 wood in the rough	9	—	0	8	0	0	0
Subtotal soil, sand, gravel, rock and stone	750	151	599	—	—	—	—
4331 sand & gravel	749	151	598	—	—	—	—
4335 waterway improv. mat	1	—	1	—	—	—	—
Total primary manufactured goods	267	—	267	—	—	—	—
Subtotal lime, cement and glass	267	—	267	—	—	—	—
5220 cement & concrete	267	—	267	—	—	—	—
Total food and farm products	3	—	—	3	—	—	—
Subtotal vegetable products	1	—	—	1	—	—	—
6653 vegetable oils	1	—	—	1	—	—	—
Subtotal other agricultural products	2	—	—	2	—	—	—
6888 water & ice	2	—	—	2	—	—	—
Total all manufactured equipment, machinery and products	1	—	1	—	—	—	—
7900 manufac. prod. nec	1	—	1	—	—	—	—
Total waste and scrap nec	622	—	614	7	—	—	—
8900 waste and scrap nec	622	—	614	7	—	—	—
Ton-miles (x1000)	196,758	2,223	51,143	107,626	2,711	14,346	18,708
Internal							
Tons All Traffic (x1000)	96,784						
Ton-miles All Traffic (x1000)	932,501						

*Includes 287 (x1000) tons of foreign inbound in-transits; Includes 59 (x1000) tons of foreign outbound in-transits; Includes 147 (x1000) tons of Canadian inbound in-transits. Includes 0 (x1000) tons of Canadian outbound in-transits;

**Does not include 22,724 (x1000) tons of through traffic.

RARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, NJ (INCLUDED IN PORT OF NEW YORK)

Section Included: From Raritan River Channel off South Amboy to the southerly end of Arthur Kill Channel. Controlling Depth: 18 feet mean low water. Project Depth: 20 feet mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	2,192	1995	2,049	1998	1,776	2001	1,684
1993	1,832	1996	1,939	1999	1,418		
1994	2,134	1997	2,230	2000	1,556		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic		
		Coastwise Through	Internal Through	
			Upbound	Upbound
Total, all commodities	1,684	871	503	310
Total petroleum and petroleum products	692	165	217	310
Subtotal crude petroleum	14	---	14	---
2100 crude petroleum	14	---	14	---
Subtotal petroleum products	678	165	203	310
2211 gasoline	303	126	106	71
2221 kerosene	32	5	10	17
2330 distillate fuel oil	245	20	39	186
2340 residual fuel oil	80	14	38	27
2429 naphtha & solvents	19	---	10	9
Total chemicals and related products	3	---	3	---
Subtotal other chemicals and related products	3	---	3	---
3297 chemical additives	3	---	3	---
Total crude materials, inedible except fuels	989	706	283	0
Subtotal forest products, wood and chips	0	---	---	0
4170 wood in the rough	0	---	---	0
Subtotal soil, sand, gravel, rock and stone	989	706	283	---
4331 sand & gravel	989	706	283	---
Ton-miles (x1000)	1,684	871	503	310

Tons All Traffic (x1000) **1,684**
 Ton-miles All Traffic (x1000) **1,684**

NEW YORK HARBOR, NY LOWER ENTRANCE CHANNELS

Section Included: Ambrose, Mainship, Bayside and Sandy Hook Channels. Controlling Depth: Ambrose Channel, 45 feet; Main Ship Channel, 30 feet; Sandy Hook Channel, 35 feet. Project Depth: Ambrose Channel, 45 feet, 13.6 miles; Bayside Sandy Hook Channel, 35 feet, 6.3 miles; Main Ship Channel, 30 feet, 5.2 miles. All at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	73,247	1995	77,590	1998	87,896	2001	90,693
1993	72,413	1996	84,781	1999	86,759		
1994	81,743	1997	85,721	2000	87,914		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign Through		Canadian Through	
		Upbound*	Downbnd*	Upbound*	Downbnd*
Total coal	642	640	2	---	---
1100 coal lignite	642	640	2	---	---
1200 coal coke	0	---	0	---	---
Total petroleum and petroleum products	36,417	31,291	145	4,934	46
Subtotal crude petroleum	11,704	8,298	49	3,357	---
2100 crude petroleum	11,704	8,298	49	3,357	---
Subtotal petroleum products	24,714	22,993	97	1,577	46
2211 gasoline	9,550	8,827	0	723	---
2221 kerosene	893	892	2	---	---
2330 distillate fuel oil	1,590	1,323	0	267	---
2340 residual fuel oil	10,950	10,317	23	564	46
2350 lube oil & greases	99	53	45	---	---
2410 petro. jelly & waxes	22	15	7	---	---
2429 naphtha & solvents	1,477	1,438	15	24	---
2430 asphalt, tar & pitch	2	2	1	---	---
2540 petroleum coke	88	85	3	---	---
2640 liquid natural gas	43	43	0	---	---

NEW YORK HARBOR, NY LOWER ENTRANCE CHANNELS
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound*	Downbnd*	Upbound*	Downbnd*
Total chemicals and related products	3,794	2,637	1,146	11	0
Subtotal fertilizers	35	23	12	0	0
3110 nitrogenous fert.	15	15	0	—	—
3120 phosphatic fert.	0	0	0	—	—
3130 potassic fert.	1	1	0	—	—
3190 fert. & mixes nec	19	6	12	0	0
Subtotal other chemicals and related products	3,759	2,614	1,134	11	0
3211 acyclic hydrocarbons	47	42	5	—	—
3212 benzene & toluene	12	11	1	—	—
3219 other hydrocarbons	90	67	23	—	—
3220 alcohols	441	390	51	—	—
3230 carboxylic acids	189	171	18	—	—
3240 nitrogen func. comp.	84	44	41	—	—
3250 organo - inorg. comp.	42	29	13	—	—
3260 organic comp. nec	547	528	14	5	—
3272 sulphuric acid	2	0	1	0	—
3273 ammonia	1	0	1	—	—
3274 sodium hydroxide	46	43	3	—	—
3275 inorg. elem., oxides, & halogen salts	178	97	81	0	0
3276 metallic salts	144	110	33	—	—
3279 inorganic chem. nec	31	19	12	—	—
3281 radioactive material	4	2	2	—	—
3282 pigments & paints	126	82	45	0	—
3283 coloring mat. nec	29	15	14	—	—
3284 medicines	69	33	36	—	—
3285 perfumes & cleansers	282	140	142	0	—
3286 plastics	727	341	387	0	0
3291 pesticides	33	13	21	—	—
3292 starches, gluten, glue	95	72	24	—	—
3293 explosives	2	1	1	—	—
3297 chemical additives	215	165	49	—	—
3298 wood & resin chem.	4	4	0	—	—
3299 chem. products nec	318	195	117	5	—
Total crude materials, inedible except fuels	9,004	4,007	2,790	2,207	0
Subtotal forest products, wood and chips	508	252	215	40	0
4110 rubber & gums	5	3	2	—	—
4150 fuel wood	2	1	1	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	68	5	63	—	—
4189 lumber	338	162	136	40	0
4190 forest products nec	95	81	13	—	—
Subtotal pulp and waste paper	1,977	36	1,941	0	—
4225 pulp & waste paper	1,977	36	1,941	0	—
Subtotal soil, sand, gravel, rock and stone	2,757	700	9	2,048	—
4310 building stone	460	459	1	—	—
4322 limestone	9	7	2	—	—
4323 gypsum	1,353	224	1	1,127	—
4331 sand & gravel	935	10	4	921	—
Subtotal iron ore and scrap	590	133	457	—	—
4410 iron ore	133	133	1	—	—
4420 iron & steel scrap	457	1	456	—	—
Subtotal marine shells	0	0	0	—	—
4515 marine shells	0	0	0	—	—
Subtotal non-ferrous ores and scrap	212	78	134	—	—
4630 copper ore	1	1	—	—	—
4650 aluminum ore	69	64	5	—	—
4670 manganese ore	0	—	0	—	—
4680 non-ferrous scrap	132	5	126	—	—
4690 non-ferrous ores nec	10	8	2	—	—
Subtotal sulphur, clay and salt	39	33	6	—	—
4741 sulphur, (dry)	0	0	0	—	—
4782 clay & refrac. mat.	39	33	6	—	—
Subtotal slag	90	89	1	—	—
4860 slag	90	89	1	—	—
Subtotal other non-metal. min.	2,832	2,686	27	119	—
4900 non-metal. min. nec	2,832	2,686	27	119	—
Total primary manufactured goods	5,430	4,261	1,101	68	0
Subtotal paper products	922	564	351	8	0
5110 newsprint	62	4	54	4	—
5120 paper & paperboard	705	480	221	4	0
5190 paper products nec	156	80	76	0	—
Subtotal lime, cement and glass	2,550	2,388	103	59	—
5210 lime	1	0	0	—	—
5220 cement & concrete	1,276	1,275	1	—	—
5240 glass & glass prod.	265	203	61	—	—
5290 misc. mineral prod.	1,009	910	41	59	—
Subtotal primary iron and steel products	402	301	101	0	0
5312 pig iron	37	30	6	0	—
5315 ferro alloys	10	9	1	—	—
5320 i&s primary forms	53	35	18	0	—
5330 i&s plates & sheets	103	53	50	0	—
5360 i&s bars & shapes	74	66	7	0	0
5370 i&s pipe & tube	60	50	10	0	—

NEW YORK HARBOR, NY LOWER ENTRANCE CHANNELS
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound*	Downbnd*	Upbound*	Downbnd*
5390 primary i&s nec	66	58	8	0	0
Subtotal primary non-ferrous metal products	1,388	862	526	1	0
5421 copper	91	80	11	0	—
5422 aluminum	76	53	23	—	—
5429 smelted prod. nec	362	49	313	—	—
5480 fab. metal products	859	680	178	1	0
Subtotal primary wood products	166	146	21	0	—
5540 primary wood prod.	166	146	21	0	—
Total food and farm products	6,685	5,455	1,200	28	3
Subtotal fish	253	221	27	4	1
6134 fish (not shellfish)	130	105	21	4	1
6136 shellfish	123	116	6	0	0
Subtotal grain	452	96	356	—	—
6241 wheat	137	1	136	—	—
6344 corn	222	2	220	—	—
6442 rice	93	92	1	—	—
6443 barley & rye	0	0	0	—	—
6445 oats	1	0	0	—	—
6447 sorghum grains	1	1	0	—	—
Subtotal oilseeds	95	83	12	—	—
6521 peanuts	19	19	0	—	—
6522 soybeans	5	4	1	—	—
6534 flaxseed	1	—	1	—	—
6590 oilseeds nec	70	60	10	—	—
Subtotal vegetable products	994	870	120	4	0
6653 vegetable oils	365	355	10	—	—
6654 vegetables & prod.	629	515	110	4	0
Subtotal processed grain and animal feed	234	123	111	0	—
6746 wheat flour	8	2	5	0	—
6747 grain mill products	128	105	23	0	—
6781 hay & fodder	2	1	2	—	—
6782 animal feed, prep.	96	15	81	—	—
Subtotal other agricultural products	4,656	4,061	575	19	1
6811 meat, fresh, frozen	108	37	69	1	1
6817 meat, prepared	28	25	3	—	—
6822 dairy products	216	179	36	0	—
6835 fish, prepared	79	73	4	1	—
6838 tallow, animal oils	21	4	17	0	—
6839 animals & prod. nec	126	47	63	16	0
6856 bananas & plantains	178	177	1	—	—
6857 fruit & nuts nec	346	299	47	0	0
6858 fruit juices	491	474	17	—	—
6861 sugar	59	51	8	—	—
6865 molasses	103	103	0	—	—
6871 coffee	305	296	9	—	—
6872 cocoa beans	311	307	5	—	—
6885 alcoholic beverages	1,114	1,087	26	0	0
6888 water & ice	154	151	3	0	—
6889 food products nec	913	682	232	0	0
6891 tobacco & products	14	11	3	—	—
6893 cotton	4	2	3	—	—
6894 natural fibers nec	11	10	0	—	—
6899 farm products nec	73	46	27	0	—
Total all manufactured equipment, machinery and products	6,685	5,207	1,470	7	1
7110 machinery (not elec)	862	612	250	0	0
7120 electrical machinery	595	389	206	0	0
7210 vehicles & parts	1,492	1,159	332	0	0
7220 aircraft & parts	7	4	4	—	—
7230 ships & boats	8	4	4	0	—
7300 ordnance & access.	12	9	2	—	—
7400 manufac. wood prod.	98	78	20	0	—
7500 textile products	1,116	963	152	1	0
7600 rubber & plastic pr.	596	467	128	0	0
7900 manufac. prod. nec	1,899	1,522	372	5	1
Total unknown or not elsewhere classified	1,058	528	529	1	0
9900 unknown or nec	1,058	528	529	1	0
Ton-miles (x1000) Foreign & Canadian	678,459	519,168	99,628	59,009	654

NEW YORK HARBOR, NY LOWER ENTRANCE CHANNELS
Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise Through		Internal Through	
		Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	20,978	15,032	5,291	23	632
Total coal	1,991	1,983	8	—	—
1100 coal lignite	1,991	1,983	8	—	—
Total petroleum and petroleum products	13,317	9,180	3,726	15	397
Subtotal crude petroleum	268	233	34	—	—
2100 crude petroleum	268	233	34	—	—
Subtotal petroleum products	13,050	8,946	3,692	15	397
2211 gasoline	3,656	1,776	1,637	4	239
2221 kerosene	605	596	9	—	—
2330 distillate fuel oil	2,448	1,655	626	11	156
2340 residual fuel oil	4,357	3,560	796	—	1
2350 lube oil & greases	340	328	12	—	—
2410 petro. jelly & waxes	82	57	25	—	—
2429 naphtha & solvents	636	330	306	—	—
2430 asphalt, tar & pitch	818	537	281	—	—
2990 petro. products nec	108	108	—	—	—
Total chemicals and related products	3,092	2,576	500	8	8
Subtotal other chemicals and related products	3,092	2,576	500	8	8
3211 acyclic hydrocarbons	4	4	—	—	—
3212 benzene & toluene	26	26	—	—	—
3219 other hydrocarbons	236	228	8	—	—
3220 alcohols	355	304	37	8	8
3230 carboxylic acids	87	79	8	—	—
3240 nitrogen func. comp.	9	9	—	—	—
3260 organic comp. nec	16	16	—	—	—
3272 sulphuric acid	2	2	—	—	—
3274 sodium hydroxide	686	512	173	—	—
3275 inorg. elem. oxides, & halogen salts	3	3	—	—	—
3276 metallic salts	36	36	—	—	—
3282 pigments & paints	0	—	0	—	—
3286 plastics	4	4	—	—	—
3297 chemical additives	1,626	1,353	273	—	—
3299 chem. products nec	1	0	1	—	—
Total crude materials, inedible except fuels	541	96	216	—	228
Subtotal soil, sand, gravel, rock and stone	308	77	2	—	228
4322 limestone	77	77	—	—	—
4331 sand & gravel	231	—	2	—	228
Subtotal iron ore and scrap	214	—	214	—	—
4420 iron & steel scrap	214	—	214	—	—
Subtotal other non-metal. min.	19	19	—	—	—
4900 non-metal. min. nec	19	19	—	—	—
Total primary manufactured goods	563	164	398	—	—
Subtotal lime, cement and glass	562	164	398	—	—
5220 cement & concrete	562	164	398	—	—
Subtotal primary non-ferrous metal products	0	0	0	—	—
5480 fab. metal products	0	0	0	—	—
Total food and farm products	953	953	—	0	—
Subtotal other agricultural products	953	953	—	0	—
6861 sugar	431	431	—	—	—
6888 water & ice	0	—	—	0	—
6889 food products nec	521	521	—	—	—
Total all manufactured equipment, machinery and products	522	80	442	—	—
7110 machinery (not elec)	1	1	—	—	—
7210 vehicles & parts	2	—	2	—	—
7230 ships & boats	0	0	—	—	—
7900 manufac. prod. nec	518	78	440	—	—
Ton-miles (x1000)	146,763	114,894	29,203	73	2,592

Tons All Traffic (x1000) 90,693

Ton-miles All Traffic (x1000) 825,221

*Includes 1,631 (x1000) tons of foreign upbound through in-transits; Includes 525 (x1000) tons of foreign downbound through in-transits;
Includes 688 (x1000) tons of Canadian upbound through in-transits; Includes 0 (x1000) tons of Canadian downbound through in-transits.

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE PORT OF NEW YORK

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	115,311	1995	119,342	1998	137,544	2001	137,484
1993	116,736	1996	131,601	1999	133,715		
1994	126,101	1997	135,266	2000	137,171		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	67,267	52,434	7,991	6,792	50
Total coal	605	603	2	—	—
1100 coal lignite	605	603	2	—	—
1200 coal coke	0	—	0	—	—
Total petroleum and petroleum products	36,169	31,043	145	4,934	46
Subtotal crude petroleum	11,704	8,298	49	3,357	—
2100 crude petroleum	11,704	8,298	49	3,357	—
Subtotal petroleum products	24,465	22,745	97	1,577	46
2211 gasoline	9,528	8,805	0	723	—
2221 kerosene	893	892	2	—	—
2330 distillate fuel oil	1,590	1,323	0	267	—
2340 residual fuel oil	10,748	10,114	23	564	46
2350 lube oil & greases	99	53	45	—	—
2410 petro. jelly & waxes	22	15	7	—	—
2429 naphtha & solvents	1,477	1,438	15	24	—
2430 asphalt, tar & pitch	2	2	1	—	—
2540 petroleum coke	63	61	3	—	—
2640 liquid natural gas	43	43	0	—	—
Total chemicals and related products	3,665	2,508	1,146	11	0
Subtotal fertilizers	25	13	12	0	0
3110 nitrogenous fert.	5	5	0	—	—
3120 phosphatic fert.	0	0	0	—	—
3130 potassic fert.	1	1	0	—	—
3190 fert. & mixes nec	19	6	12	0	0
Subtotal other chemicals and related products	3,640	2,496	1,134	11	0
3211 acyclic hydrocarbons	47	42	5	—	—
3212 benzene & toluene	12	11	1	—	—
3219 other hydrocarbons	90	67	23	—	—
3220 alcohols	441	390	51	—	—
3230 carboxylic acids	189	171	18	—	—
3240 nitrogen func. comp.	84	44	41	—	—
3250 organo - inorg. comp.	42	29	13	—	—
3260 organic comp. nec	547	528	14	5	—
3272 sulphuric acid	2	0	1	0	—
3273 ammonia	1	0	1	—	—
3274 sodium hydroxide	46	43	3	—	—
3275 inorg. elem., oxides, & halogen salts	178	97	81	0	0
3276 metallic salts	127	94	33	—	—
3279 inorganic chem. nec	31	19	12	—	—
3281 radioactive material	4	2	2	—	—
3282 pigments & paints	126	82	45	0	—
3283 coloring mat. nec	29	15	14	—	—
3284 medicines	69	33	36	—	—
3285 perfumes & cleansers	282	140	142	0	—
3286 plastics	727	341	387	0	0
3291 pesticides	33	13	21	—	—
3292 starches, gluten, glue	95	72	24	—	—
3293 explosives	2	1	1	—	—
3297 chemical additives	113	63	49	—	—
3298 wood & resin chem.	4	4	0	—	—
3299 chem. products nec	318	195	117	5	—
Total crude materials, inedible except fuels	7,810	3,317	2,750	1,743	0
Subtotal forest products, wood and chips	508	252	215	40	0
4110 rubber & gums	5	3	2	—	—
4150 fuel wood	2	1	1	—	—
4161 wood chips	0	0	0	—	—
4170 wood in the rough	68	5	63	—	—
4189 lumber	338	162	136	40	0
4190 forest products nec	94	81	13	—	—
Subtotal pulp and waste paper	1,955	14	1,941	0	—
4225 pulp & waste paper	1,955	14	1,941	0	—
Subtotal soil, sand, gravel, rock and stone	2,334	700	9	1,625	—
4310 building stone	460	459	1	—	—
4322 limestone	9	7	2	—	—
4323 gypsum	930	224	1	704	—
4331 sand & gravel	935	10	4	921	—

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE PORT OF NEW YORK
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Subtotal iron ore and scrap	550	133	417	---	---
4410 iron ore	133	133	1	---	---
4420 iron & steel scrap	417	1	416	---	---
Subtotal marine shells	0	0	0	---	---
4515 marine shells	0	0	0	---	---
Subtotal non-ferrous ores and scrap	159	25	134	---	---
4630 copper ore	1	1	---	---	---
4650 aluminum ore	16	11	5	---	---
4670 manganese ore	0	---	0	---	---
4680 non-ferrous scrap	132	5	126	---	---
4690 non-ferrous ores nec	10	8	2	---	---
Subtotal sulphur, clay and salt	39	33	6	---	---
4741 sulphur, (dry)	0	0	0	---	---
4782 clay & refrac. mat.	39	33	6	---	---
Subtotal slag	2	0	1	---	---
4860 slag	2	0	1	---	---
Subtotal other non-metal. min.	2,263	2,159	27	78	---
4900 non-metal. min. nec	2,263	2,159	27	78	---
Total primary manufactured goods	5,079	3,911	1,100	68	0
Subtotal paper products	919	560	351	8	0
5110 newsprint	62	4	54	4	---
5120 paper & paperboard	701	476	221	4	0
5190 paper products nec	156	80	76	0	---
Subtotal lime, cement and glass	2,210	2,049	103	59	---
5210 lime	1	0	0	---	---
5220 cement & concrete	936	935	1	---	---
5240 glass & glass prod.	265	203	61	---	---
5290 misc. mineral prod.	1,009	910	41	59	---
Subtotal primary iron and steel products	401	300	101	0	0
5312 pig iron	37	30	6	0	---
5315 ferro alloys	10	9	1	---	---
5320 i&s primary forms	53	35	18	0	---
5330 i&s plates & sheets	102	52	50	0	---
5360 i&s bars & shapes	74	66	7	0	0
5370 i&s pipe & tube	60	50	10	0	---
5390 primary i&s nec	66	58	8	0	0
Subtotal primary non-ferrous metal products	1,383	857	524	1	0
5421 copper	91	80	11	0	---
5422 aluminum	76	53	23	---	---
5429 smelted prod. nec	361	49	312	---	---
5480 fab. metal products	855	676	178	1	0
Subtotal primary wood products	166	146	21	0	---
5540 primary wood prod.	166	146	21	0	---
Total food and farm products	6,220	5,328	861	28	3
Subtotal fish	253	221	27	4	1
6134 fish (not shellfish)	130	105	21	4	1
6136 shellfish	123	116	6	0	0
Subtotal grain	113	96	18	---	---
6241 wheat	1	1	0	---	---
6344 corn	18	2	16	---	---
6442 rice	93	92	1	---	---
6443 barley & rye	0	0	0	---	---
6445 oats	1	0	0	---	---
6447 sorghum grains	1	1	0	---	---
Subtotal oilseeds	95	83	12	---	---
6521 peanuts	19	19	0	---	---
6522 soybeans	5	4	1	---	---
6534 flaxseed	1	---	1	---	---
6590 oilseeds nec	70	60	10	---	---
Subtotal vegetable products	994	870	120	4	0
6653 vegetable oils	365	355	10	---	---
6654 vegetables & prod.	629	515	110	4	0
Subtotal processed grain and animal feed	234	123	111	0	---
6746 wheat flour	8	2	5	0	---
6747 grain mill products	128	105	23	0	---
6781 hay & fodder	2	1	2	---	---
6782 animal feed, prep.	96	15	81	---	---
Subtotal other agricultural products	4,530	3,935	575	19	1
6811 meat, fresh, frozen	108	37	69	1	1
6817 meat, prepared	28	25	3	---	---
6822 dairy products	216	179	36	0	---
6835 fish, prepared	79	73	4	1	---
6838 tallow, animal oils	21	4	17	0	---
6839 animals & prod. nec	126	47	63	16	0
6856 bananas & plantains	178	177	1	---	---
6857 fruit & nuts nec	346	299	47	0	0
6858 fruit juices	491	474	17	---	---
6861 sugar	59	51	8	---	---
6865 molasses	1	1	0	---	---
6871 coffee	305	296	9	---	---
6872 cocoa beans	288	283	5	---	---
6885 alcoholic beverages	1,114	1,087	26	0	0
6888 water & ice	154	151	3	0	---
6889 food products nec	913	681	232	0	0

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE PORT OF NEW YORK
Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
6891 tobacco & products	14	11	3	—	—
6893 cotton	4	2	3	—	—
6894 natural fibers nec	11	10	0	—	—
6899 farm products nec	73	46	27	0	—
Total all manufactured equipment, machinery and products	6,665	5,200	1,457	7	1
7110 machinery (not elec)	854	611	243	0	0
7120 electrical machinery	583	382	201	0	0
7210 vehicles & parts	1,492	1,159	332	0	0
7220 aircraft & parts	7	4	4	—	—
7230 ships & boats	8	4	4	0	—
7300 ordnance & access.	12	9	2	—	—
7400 manufac. wood prod.	98	78	20	0	—
7500 textile products	1,116	963	152	1	0
7600 rubber & plastic pr.	596	467	128	0	0
7900 manufac. prod. nec	1,899	1,522	372	5	1
Total unknown or not elsewhere classified	1,053	523	529	1	0
9900 unknown or nec	1,053	523	529	1	0

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	70,218	15,128	22,537	3,064	8,371	21,118
Total coal	1,073	1,064	8	—	—	—
1100 coal lignite	1,073	1,064	8	—	—	—
Total petroleum and petroleum products	57,112	9,695	20,673	88	8,368	18,289
Subtotal crude petroleum	1,727	736	38	—	2	952
2100 crude petroleum	1,727	736	38	—	2	952
Subtotal petroleum products	55,385	8,959	20,635	88	8,366	17,337
2211 gasoline	20,534	1,501	10,065	4	4,265	4,699
2221 kerosene	1,422	588	310	—	252	271
2330 distillate fuel oil	14,218	1,570	5,226	—	2,753	4,669
2340 residual fuel oil	16,001	4,117	3,884	84	931	6,984
2350 lube oil & greases	386	325	4	—	—	57
2429 naphtha & solvents	1,206	386	319	—	3	499
2430 asphalt, tar & pitch	1,474	365	826	—	159	124
2990 petro. products nec	144	108	—	0	3	34
Total chemicals and related products	2,970	2,069	245	—	—	656
Subtotal other chemicals and related products	2,970	2,069	245	—	—	656
3211 acyclic hydrocarbons	4	4	—	—	—	—
3212 benzene & toluene	29	26	—	—	—	3
3219 other hydrocarbons	119	113	—	—	—	6
3220 alcohols	308	282	7	—	—	19
3230 carboxylic acids	90	79	8	—	—	3
3240 nitrogen func. comp.	9	9	—	—	—	—
3260 organic comp. nec	19	16	—	—	—	3
3272 sulphuric acid	2	2	—	—	—	—
3274 sodium hydroxide	282	220	13	—	—	49
3275 inorg. elem., oxides, & halogen salts	3	3	—	—	—	—
3276 metallic salts	50	37	13	—	—	—
3282 pigments & paints	0	—	0	—	—	—
3286 plastics	4	4	—	—	—	—
3297 chemical additives	2,023	1,274	202	—	—	547
3299 chem. products nec	27	0	1	—	—	26
Total crude materials, inedible except fuels	4,405	694	880	2,537	—	294
Subtotal forest products, wood and chips	11	—	—	—	—	11
4170 wood in the rough	11	—	—	—	—	11
Subtotal soil, sand, gravel, rock and stone	4,221	694	707	2,537	—	283
4331 sand & gravel	4,219	694	707	2,535	—	283
4335 waterway improv. mat	2	—	—	2	—	—
Subtotal iron ore and scrap	173	—	173	—	—	—
4420 iron & steel scrap	173	—	173	—	—	—
Total primary manufactured goods	775	336	—	439	—	—
Subtotal lime, cement and glass	774	336	—	438	—	—
5220 cement & concrete	774	336	—	438	—	—
Subtotal primary non-ferrous metal products	1	—	—	1	—	—
5480 fab. metal products	1	—	—	1	—	—

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE PORT OF NEW YORK
Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total food and farm products	962	953	---	---	2	7
Subtotal vegetable products	7	---	---	---	---	7
6653 vegetable oils	7	---	---	---	---	7
Subtotal other agricultural products	955	953	---	---	2	0
6861 sugar	431	431	---	---	---	---
6888 water & ice	2	---	---	---	2	0
6889 food products nec	521	521	---	---	---	---
Total all manufactured equipment, machinery and products	2,057	316	732	---	---	1,009
7110 machinery (not elec)	1	1	---	---	---	---
7210 vehicles & parts	2	---	2	---	---	---
7230 ships & boats	0	0	---	---	---	---
7800 empty containers	18	---	---	---	---	18
7900 manufac. prod. nec	2,035	315	730	---	---	991
Total waste and scrap nec	866	---	---	---	1	865
8900 waste and scrap nec	866	---	---	---	1	865

*Includes 1,536 (x1000) tons of foreign inbound in-transits; Includes 525 (x1000) tons of foreign outbound in-transits;
Includes 688 (x1000) tons of Canadian inbound in-transits; Includes 0 (x1000) tons of Canadian outbound in-transits.

SUMMARY OF TRAFFIC TOTAL WATERBORNE COMMERCE OF THE PORT OF NEW YORK
Freight Traffic, 2001
(thousand short tons)

Locality	*Foreign/Canadian		Domestic				Total	Percent	Through Traffic
	Inbound	Outbound	Coastwise		Internal				
			Receipts	Shipmnts	Receipts	Intraport			
BAY RIDGE AND RED HOOK CHANNELS, NY	5	0	---	---	276	22	303	0.20	1,682
BRONX RIVER, NY	---	---	---	---	27	---	27	0.02	---
BUTTERMILK CHANNEL, NY	681	167	1	---	831	1	1,680	1.10	28,705
CHEESEQUAKE CREEK, NJ	---	---	---	---	---	---	---	0.00	---
CONEY ISLAND CHANNEL, NY	---	---	---	---	---	---	---	0.00	487
CONEY ISLAND CREEK, NY	---	---	---	---	2	---	2	0.00	---
EAST CHESTER CREEK, NY	---	---	421	---	532	---	952	0.62	---
EAST RIVER, NY	1,055	14	1,320	231	2,773	262	5,655	3.71	25,954
EAST ROCKAWAY INLET, NY	---	---	---	---	---	---	---	0.00	602
ECHO BAY HARBOR, NY	---	---	---	---	---	---	---	0.00	---
ELIZABETH RIVER, NJ	---	---	---	---	---	---	---	0.00	---
FLUSHING BAY AND CREEK, NY	---	---	395	---	1,556	---	1,952	1.28	---
GOWANUS CANAL, NY	---	---	1	---	361	---	362	0.24	---
GOWANUS CREEK CHANNEL, NY	---	---	292	---	1,037	---	1,329	0.87	362
GRAVESEND BAY, NY	---	---	---	56	741	---	797	0.52	2
GREAT KILLS HARBOR, STATEN ISLAND, NY	---	---	---	---	---	---	---	0.00	---
HACKENSACK RIVER, NJ	98	---	1,234	44	567	---	1,942	1.27	---
HARLEM RIVER, NY	---	---	---	---	0	---	0	0.00	---
HUDSON RIVER CHANNEL, NY AND NJ	1	---	---	6	513	---	520	0.34	17,987
HUDSON RIVER, NY (LOWER SECTION)	11	---	431	---	38	---	480	0.31	17,507
JAMAICA BAY, NY	---	---	1	---	619	---	621	0.41	---
KEYPORT HARBOR, NJ	---	---	---	---	---	---	---	0.00	---
LARCHMONT HARBOR, NY	---	---	---	---	---	---	---	0.00	---
LEMON CREEK, STATEN ISLAND, NY	---	---	---	---	---	---	---	0.00	---
LONG ISLAND SOUND AT CITY ISLAND, NY	---	---	1	---	1	---	2	0.00	---
MAMARONECK HARBOR, NY	---	---	---	---	---	---	---	0.00	---
MANHASSET BAY, NY	---	---	---	---	43	---	43	0.03	---
NEW ROCHELLE HARBOR, NY	---	---	---	---	---	---	---	0.00	---
NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ	19,823	719	8,587	19,073	20,604	5,254	74,060	48.53	22,724
NEWARK BAY, NJ	11,631	4,227	270	673	2,083	436	19,319	12.66	3,519
NEWTOWN CREEK, NY	---	---	4	---	454	---	458	0.30	---
PASSAIC RIVER, NJ	---	---	121	223	1,860	5	2,209	1.45	---
PORT CHESTER HARBOR, NY	---	---	7	---	81	---	88	0.06	---
RAHWAY RIVER, NJ	---	---	---	---	---	---	---	0.00	---
RARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, NJ	---	---	---	---	---	---	---	0.00	1,684
RARITAN RIVER, NJ	1	---	1,458	893	837	---	3,189	2.09	---
SANDY HOOK BAY AT LEONARDO, NJ	---	---	---	---	---	---	---	0.00	---
SANDY HOOK BAY, NJ	---	---	---	---	6	---	6	0.00	---
SHEEPSHEAD BAY, NY	---	---	---	---	---	---	---	0.00	---
SHOAL HARBOR AND COMPTON CREEK, NJ	---	---	---	---	---	---	---	0.00	---
UPPER BAY, NEW YORK HARBOR, NY AND NJ	25,920	2,915	584	1,339	5,630	13	36,401	23.85	69,670
WALLABOUT CHANNEL, NY	---	---	---	---	---	---	---	0.00	---
WAYCAKE CREEK, NJ	---	---	---	---	---	---	---	0.00	---
WESTCHESTER CREEK, NY	---	---	---	---	214	---	214	0.14	---
TOTAL (UNADJUSTED)	59,226	8,041	15,128	22,537	41,686	5,992	152,609	---	---
PERCENT (UNADJUSTED)	38.81	5.27	9.91	14.77	27.32	3.93	---	100.00	---
NET VOLUME OF TONNAGE FOR THE AREA	59,226	8,041	15,128	22,537	11,435	21,118	137,484	---	---
PERCENT (ADJUSTED)	43.08	5.85	11.00	16.39	8.32	15.36	---	100.00	---

*Total includes overseas Foreign and Canadian Tonnage. For a breakdown, see the individual tables.

HUDSON RIVER, NY, MOUTH OF SPUYTEN DUYVIL CREEK (HARLEM RIVER) TO WATERFORD, NY

Section Included: Mouth of Spuyten Duyvil Creek (Harlem River) to Waterford, NY. Controlling Depth: 32 feet mean low water from New York City to 1,500 feet south of north limit of 32-foot project; thence 14 feet to head of project at Waterford, NY. Project Depth: 34 feet in rock and 32 feet in soft material mean low water from New York City to Albany; 14 feet lowest low water to Waterford. Project Length: about 155 miles, Navigation Season: Lower section: 12 months. Upper Section: For barges 8 months, for oceangoing vessels 12 months.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	15,468	1995	14,592	1998	18,031	2001	18,182
1993	15,730	1996	15,529	1999	17,536		
1994	15,331	1997	17,309	2000	16,435		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total, all commodities	2,459	1,603	392	464
Total coal	37	37	---	---
1100 coal lignite	37	37	---	---
Total petroleum and petroleum products	248	248	---	---
Subtotal petroleum products	248	248	---	---
2211 gasoline	22	22	---	---
2340 residual fuel oil	202	202	---	---
2540 petroleum coke	24	24	---	---
Total chemicals and related products	129	129	---	---
Subtotal fertilizers	10	10	---	---
3110 nitrogenous fert.	10	10	---	---
Subtotal other chemicals and related products	119	119	---	---
3230 carboxylic acids	0	0	---	---
3276 metallic salts	17	17	---	---
3285 perfumes & cleansers	0	0	---	---
3297 chemical additives	102	102	---	---
3299 chem. products nec	0	0	---	---
Total crude materials, inedible except fuels	1,194	690	40	464
Subtotal forest products, wood and chips	0	0	---	---
4170 wood in the rough	0	0	---	---
4190 forest products nec	0	0	---	---
Subtotal pulp and waste paper	22	22	---	---
4225 pulp & waste paper	22	22	---	---
Subtotal soil, sand, gravel, rock and stone	423	---	---	423
4323 gypsum	423	---	---	423
Subtotal iron ore and scrap	40	---	40	---
4420 iron & steel scrap	40	---	40	---
Subtotal non-ferrous ores and scrap	53	53	---	---
4650 aluminum ore	53	53	---	---
Subtotal slag	88	88	---	---
4860 slag	88	88	---	---
Subtotal other non-metal. min.	568	527	---	41
4900 non-metal. min. nec	568	527	---	41
Total primary manufactured goods	351	349	1	---
Subtotal paper products	4	4	---	---
5120 paper & paperboard	4	4	---	---
5190 paper products nec	0	0	---	---
Subtotal lime, cement and glass	339	339	---	---
5220 cement & concrete	339	339	---	---
5290 misc. mineral prod.	0	0	---	---
Subtotal primary iron and steel products	2	2	---	---
5330 i&s plates & sheets	2	2	---	---
5370 i&s pipe & tube	0	0	---	---
Subtotal primary non-ferrous metal products	6	4	1	---
5429 smelted prod. nec	1	---	1	---
5480 fab. metal products	5	4	0	---
Total food and farm products	476	137	339	---
Subtotal fish	0	0	---	---
6136 shellfish	0	0	---	---
Subtotal grain	339	---	339	---
6241 wheat	135	---	135	---
6344 corn	203	---	203	---
Subtotal vegetable products	0	0	---	---
6654 vegetables & prod.	0	0	---	---
Subtotal other agricultural products	137	137	---	---
6822 dairy products	0	0	---	---
6839 animals & prod. nec	0	0	---	---
6856 bananas & plantains	0	0	---	---
6858 fruit juices	0	0	---	---
6861 sugar	11	11	---	---
6865 molasses	103	103	---	---
6872 cocoa beans	23	23	---	---
6885 alcoholic beverages	0	0	---	---
6889 food products nec	0	0	---	---
Total all manufactured equipment, machinery and products	20	8	12	---
7110 machinery (not elec)	8	0	7	---

HUDSON RIVER, NY, MOUTH OF SPUYTEN DUYPIL CREEK (HARLEM RIVER) TO WATERFORD, NY
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
7120 electrical machinery	12	6	5	—
7210 vehicles & parts	1	1	—	—
7500 textile products	0	0	—	—
7600 rubber & plastic pr.	0	0	0	—
7900 manufac. prod. nec	0	0	—	—
Total unknown or not elsewhere classified	5	5	—	—
9900 unknown or nec	5	5	—	—
Ton-miles (x1000) Foreign & Canadian	256,794	162,594	44,951	49,249

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
Total, all commodities	15,723	1,299	2,756	8,409	3,064	53	142
Total coal	263	263	—	—	—	—	—
1100 coal lignite	263	263	—	—	—	—	—
Total petroleum and petroleum products	9,154	585	14	8,405	88	50	12
Subtotal crude petroleum	2	—	—	2	—	—	—
2100 crude petroleum	2	—	—	2	—	—	—
Subtotal petroleum products	9,153	585	14	8,404	88	50	12
2211 gasoline	4,531	251	11	4,265	4	—	—
2221 kerosene	257	4	—	252	—	1	—
2330 distillate fuel oil	2,850	33	—	2,791	—	26	—
2340 residual fuel oil	1,174	124	3	931	84	22	9
2429 naphtha & solvents	3	—	—	3	—	—	—
2430 asphalt, tar & pitch	335	173	—	159	—	—	4
2990 petro. products nec	3	—	—	3	0	—	—
Total crude materials, inedible except fuels	3,973	20	1,283	0	2,537	3	129
Subtotal forest products, wood and chips	0	—	—	0	0	—	—
4170 wood in the rough	0	—	—	0	0	—	—
Subtotal soil, sand, gravel, rock and stone	3,906	1	1,235	—	2,537	3	129
4310 building stone	1	—	1	—	—	—	—
4331 sand & gravel	3,903	1	1,234	—	2,535	3	129
4335 waterway improv. mat	2	—	—	—	2	—	—
Subtotal iron ore and scrap	48	—	48	—	—	—	—
4420 iron & steel scrap	48	—	48	—	—	—	—
Subtotal other non-metal. min.	19	19	—	—	—	—	—
4900 non-metal. min. nec	19	19	—	—	—	—	—
Total primary manufactured goods	1,898	—	1,459	—	439	—	—
Subtotal lime, cement and glass	1,897	—	1,459	—	438	—	—
5220 cement & concrete	1,897	—	1,459	—	438	—	—
Subtotal primary non-ferrous metal products	1	—	—	—	1	—	—
5480 fab. metal products	1	—	—	—	1	—	—
Total food and farm products	433	431	—	2	—	—	—
Subtotal other agricultural products	433	431	—	2	—	—	—
6861 sugar	431	431	—	—	—	—	—
6888 water & ice	2	—	—	2	—	—	—
Total waste and scrap nec	1	—	—	1	—	—	—
8900 waste and scrap nec	1	—	—	1	—	—	—
Ton-miles (x1000) Domestic	1,091,613	67,408	194,285	694,787	128,607	2,265	4,262
Tons All Traffic (x1000)	18,182						
Ton-miles All Traffic (x1000)	1,348,407						

*Includes 95 (x1000) tons of foreign inbound in-transits; Includes 0 (x1000) tons of foreign outbound in-transits.

HUDSON RIVER, NY, DEEPWATER IN UPPER BAY, NY TO WATERFORD, NY (CONSOLIDATED REPORT)

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	16,950	1995	15,822	1998	19,158	2001	18,701
1993	17,529	1996	17,473	1999	18,472		
1994	16,732	1997	18,630	2000	17,514		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total, all commodities	2,460	1,604	392	464
Total coal	37	37	---	---
1100 coal lignite	37	37	---	---
Total petroleum and petroleum products	248	248	---	---
Subtotal petroleum products	248	248	---	---
2211 gasoline	22	22	---	---
2340 residual fuel oil	202	202	---	---
2410 petro. jelly & waxes	0	0	---	---
2540 petroleum coke	24	24	---	---
Total chemicals and related products	129	129	---	---
Subtotal fertilizers	10	10	---	---
3110 nitrogenous fert.	10	10	---	---
Subtotal other chemicals and related products	119	119	---	---
3230 carboxylic acids	0	0	---	---
3276 metallic salts	17	17	---	---
3282 pigments & paints	0	0	---	---
3285 perfumes & cleansers	0	0	---	---
3286 plastics	0	0	---	---
3297 chemical additives	102	102	---	---
3299 chem. products nec	0	0	---	---
Total crude materials, inedible except fuels	1,194	690	40	464
Subtotal forest products, wood and chips	0	0	---	---
4170 wood in the rough	0	0	---	---
4190 forest products nec	0	0	---	---
Subtotal pulp and waste paper	22	22	---	---
4225 pulp & waste paper	22	22	---	---
Subtotal soil, sand, gravel, rock and stone	423	---	---	423
4323 gypsum	423	---	---	423
Subtotal iron ore and scrap	40	---	40	---
4420 iron & steel scrap	40	---	40	---
Subtotal non-ferrous ores and scrap	53	53	---	---
4650 aluminum ore	53	53	---	---
Subtotal slag	88	88	---	---
4860 slag	88	88	---	---
Subtotal other non-metal. min.	568	527	---	41
4900 non-metal. min. nec	568	527	---	41
Total primary manufactured goods	351	349	1	---
Subtotal paper products	4	4	---	---
5120 paper & paperboard	4	4	---	---
5190 paper products nec	0	0	---	---
Subtotal lime, cement and glass	339	339	---	---
5220 cement & concrete	339	339	---	---
5290 misc. mineral prod.	0	0	---	---
Subtotal primary iron and steel products	2	2	---	---
5330 i&s plates & sheets	2	2	---	---
5370 i&s pipe & tube	0	0	---	---
Subtotal primary non-ferrous metal products	6	5	1	---
5429 smelted prod. nec	1	---	1	---
5480 fab. metal products	5	5	0	---
Total food and farm products	476	137	339	---
Subtotal fish	0	0	---	---
6136 shellfish	0	0	---	---
Subtotal grain	339	---	339	---
6241 wheat	135	---	135	---
6344 corn	203	---	203	---
Subtotal vegetable products	0	0	---	---
6654 vegetables & prod.	0	0	---	---
Subtotal other agricultural products	137	137	---	---
6822 dairy products	0	0	---	---
6839 animals & prod. nec	0	0	---	---
6856 bananas & plantains	0	0	---	---
6858 fruit juices	0	0	---	---
6861 sugar	11	11	---	---
6865 molasses	103	103	---	---
6871 coffee	0	0	---	---
6872 cocoa beans	23	23	---	---
6885 alcoholic beverages	0	0	---	---
6889 food products nec	0	0	---	---

HUDSON RIVER, NY, DEEPWATER IN UPPER BAY, NY TO WATERFORD, NY (CONSOLIDATED REPORT)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total all manufactured equipment, machinery and products	20	8	12	---
7110 machinery (not elec)	8	0	7	---
7120 electrical machinery	12	6	5	---
7210 vehicles & parts	1	1	---	---
7500 textile products	0	0	---	---
7600 rubber & plastic pr.	0	0	0	---
7900 manufac. prod. nec	0	0	---	---
Total unknown or not elsewhere classified	5	5	---	---
9900 unknown or nec	5	5	---	---
Ton-miles (x1000) Foreign & Canadian	256,798	162,598	44,951	49,249

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
Total, all commodities	16,242	1,299	2,763	8,714	3,271	53	142
Total coal	263	263	---	---	---	---	---
1100 coal lignite	263	263	---	---	---	---	---
Total petroleum and petroleum products	9,483	585	21	8,708	107	50	12
Subtotal crude petroleum	2	---	---	2	---	---	---
2100 crude petroleum	2	---	---	2	---	---	---
Subtotal petroleum products	9,481	585	21	8,707	107	50	12
2211 gasoline	4,562	251	11	4,279	22	---	---
2221 kerosene	288	4	---	283	---	1	---
2330 distillate fuel oil	2,985	33	---	2,926	---	26	---
2340 residual fuel oil	1,304	124	9	1,054	84	22	9
2350 lube oil & greases	0	---	---	0	---	---	---
2429 naphtha & solvents	3	---	---	3	---	---	---
2430 asphalt, tar & pitch	335	173	---	159	---	---	4
2990 petro. products nec	4	---	---	3	1	---	---
Total crude materials, inedible except fuels	3,975	20	1,283	2	2,537	3	129
Subtotal forest products, wood and chips	3	---	---	2	0	---	---
4170 wood in the rough	3	---	---	2	0	---	---
Subtotal soil, sand, gravel, rock and stone	3,906	1	1,235	---	2,537	3	129
4310 building stone	1	---	1	---	---	---	---
4331 sand & gravel	3,903	1	1,234	---	2,535	3	129
4335 waterway improv. mat	2	---	---	---	2	---	---
Subtotal iron ore and scrap	48	---	48	---	---	---	---
4420 iron & steel scrap	48	---	48	---	---	---	---
Subtotal other non-metal. min.	19	19	---	---	---	---	---
4900 non-metal. min. nec	19	19	---	---	---	---	---
Total primary manufactured goods	1,898	---	1,459	---	439	---	---
Subtotal lime, cement and glass	1,897	---	1,459	---	438	---	---
5220 cement & concrete	1,897	---	1,459	---	438	---	---
Subtotal primary non-ferrous metal products	1	---	---	---	1	---	---
5480 fab. metal products	1	---	---	---	1	---	---
Total food and farm products	433	431	---	2	---	---	---
Subtotal other agricultural products	433	431	---	2	---	---	---
6861 sugar	431	431	---	---	---	---	---
6888 water & ice	2	---	---	2	---	---	---
Total waste and scrap nec	189	---	---	1	188	---	---
8900 waste and scrap nec	189	---	---	1	188	---	---
Ton-miles (x1000) Domestic	1,094,986	67,408	194,350	696,868	129,834	2,265	4,262
Tons All Traffic (x1000)	18,701						
Ton-miles All Traffic (x1000)	1,351,783						

*Includes 95 (x1000) tons of foreign inbound in-transits; Includes 0 (x1000) tons of foreign outbound in-transits.

PORT OF ALBANY, NY (INCLUDED IN STATISTICS FOR HUDSON RIVER)

Section Included: From the southerly end of Cabbage Island or Island Creek to the northerly limits of the cities of Rensselaer and Albany. Controlling Depth: 32 feet mean low water from the southerly end of Cabbage Island to 4,500 feet south of north limit of 32-foot project; thence 27 feet to north limit of 32-foot project; thence 14 feet to Waterford. Project Depth: 34 feet in rock and 32 feet in soft material to a point about 2,200 feet south of Dunn Memorial Bridge; thence 27 feet deep and 400 feet wide to 900 feet south of the Mall Dunn Bridge; thence 14 feet to Waterford. All at mean low water except from Albany to Troy Lock and Dam which is at lowest low water. Navigation Season: For barges, 8 months; for oceangoing vessels, 12 months.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	5,674	1995	5,803	1998	6,723	2001	7,265
1993	6,053	1996	5,768	1999	6,402		
1994	6,107	1997	6,819	2000	6,127		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total, all commodities	1,703	1,069	388	247
Total petroleum and petroleum products	248	248	---	---
Subtotal petroleum products	248	248	---	---
2211 gasoline	22	22	---	---
2340 residual fuel oil	202	202	---	---
2540 petroleum coke	24	24	---	---
Total chemicals and related products	125	125	---	---
Subtotal fertilizers	10	10	---	---
3110 nitrogenous fert.	10	10	---	---
Subtotal other chemicals and related products	116	116	---	---
3230 carboxylic acids	0	0	---	---
3276 metallic salts	17	17	---	---
3285 perfumes & cleansers	0	0	---	---
3297 chemical additives	99	99	---	---
3299 chem. products nec	0	0	---	---
Total crude materials, inedible except fuels	801	515	40	247
Subtotal forest products, wood and chips	0	0	---	---
4170 wood in the rough	0	0	---	---
4190 forest products nec	0	0	---	---
Subtotal pulp and waste paper	22	22	---	---
4225 pulp & waste paper	22	22	---	---
Subtotal soil, sand, gravel, rock and stone	234	---	---	234
4323 gypsum	234	---	---	234
Subtotal iron ore and scrap	40	---	40	---
4420 iron & steel scrap	40	---	40	---
Subtotal non-ferrous ores and scrap	33	33	---	---
4650 aluminum ore	33	33	---	---
Subtotal other non-metal. min.	472	460	---	13
4900 non-metal. min. nec	472	460	---	13
Total primary manufactured goods	43	41	1	---
Subtotal paper products	4	4	---	---
5120 paper & paperboard	4	4	---	---
5190 paper products nec	0	0	---	---
Subtotal lime, cement and glass	32	32	---	---
5220 cement & concrete	31	31	---	---
5290 misc. mineral prod.	0	0	---	---
Subtotal primary iron and steel products	2	2	---	---
5330 i&s plates & sheets	2	2	---	---
5370 i&s pipe & tube	0	0	---	---
Subtotal primary non-ferrous metal products	6	4	1	---
5429 smelted prod. nec	1	---	1	---
5480 fab. metal products	5	4	0	---
Total food and farm products	460	126	334	---
Subtotal fish	0	0	---	---
6136 shellfish	0	0	---	---
Subtotal grain	334	---	334	---
6241 wheat	135	---	135	---
6344 corn	199	---	199	---
Subtotal vegetable products	0	0	---	---
6654 vegetables & prod.	0	0	---	---
Subtotal other agricultural products	126	126	---	---
6822 dairy products	0	0	---	---
6839 animals & prod. nec	0	0	---	---
6856 bananas & plantains	0	0	---	---
6858 fruit juices	0	0	---	---
6865 molasses	103	103	---	---
6872 cocoa beans	23	23	---	---
6885 alcoholic beverages	0	0	---	---
6889 food products nec	0	0	---	---
Total all manufactured equipment, machinery and products	20	8	12	---
7110 machinery (not elec)	8	0	7	---
7120 electrical machinery	12	6	5	---
7210 vehicles & parts	1	1	---	---
7500 textile products	0	0	---	---
7600 rubber & plastic pr.	0	0	---	---

PORT OF ALBANY, NY (INCLUDED IN STATISTICS FOR HUDSON RIVER)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
7900 manufac. prod. nec	0	0	---	---
Total unknown or not elsewhere classified	5	5	---	---
9900 unknown or nec	5	5	---	---

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	5,562	382	48	5,080	21	31
Total petroleum and petroleum products	5,493	363	---	5,077	21	31
Subtotal petroleum products	5,493	363	---	5,077	21	31
2211 gasoline	3,097	196	---	2,901	---	---
2221 kerosene	163	4	---	158	---	1
2330 distillate fuel oil	1,503	28	---	1,475	---	0
2340 residual fuel oil	487	49	---	391	18	30
2429 naphtha & solvents	3	---	---	3	---	---
2430 asphalt, tar & pitch	236	86	---	146	4	---
2990 petro. products nec	3	---	---	3	---	---
Total crude materials, inedible except fuels	67	19	48	---	---	---
Subtotal iron ore and scrap	48	---	48	---	---	---
4420 iron & steel scrap	48	---	48	---	---	---
Subtotal other non-metal. min.	19	19	---	---	---	---
4900 non-metal. min. nec	19	19	---	---	---	---
Total food and farm products	2	---	---	2	---	---
Subtotal other agricultural products	2	---	---	2	---	---
6888 water & ice	2	---	---	2	---	---
Total waste and scrap nec	1	---	---	1	---	---
8900 waste and scrap nec	1	---	---	1	---	---

*Includes 95 (x1000) tons of foreign inbound in-transits; Includes 0 (x1000) tons of foreign outbound in-transits.

HEMPSTEAD HARBOR, NY

Section Included: From Long Island Sound to Roslyn Town Wharf. Controlling Depth: 6 feet from entrance of bar beach to 2,750 feet above entrance, thence 6 feet to 0.0 feet to head of project. Project Depth: 13 feet and 6 feet. All at mean low water. Project Length: 2.3 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	678	1995	1,051	1998	1,327	2001	1,351
1993	835	1996	1,521	1999	1,223		
1994	1,094	1997	1,510	2000	1,410		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total*	Domestic
		Coastwise Receipts
Total, all commodities	1,197	1,197
Total petroleum and petroleum products	545	545
Subtotal petroleum products	545	545
2211 gasoline	463	463
2221 kerosene	6	6
2330 distillate fuel oil	76	76
Total crude materials, inedible except fuels	652	652
Subtotal soil, sand, gravel, rock and stone	652	652
4310 building stone	1	1
4331 sand & gravel	651	651

*Does not include 154 (x1000) tons of through traffic.

PORT JEFFERSON HARBOR, NY

Section Included: From deep water in Long Island Sound to Port Jefferson Harbor, thence to village of Port Jefferson. Controlling Depth: 27 feet, turning basin 11 feet. Project Depth: 40 feet in entrance channel, 30 feet in turning basin, all at mean low water. Project Length: 2.3 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	2,354	1995	2,018	1998	2,842	2001	2,578
1993	2,433	1996	2,988	1999	2,867		
1994	2,101	1997	2,793	2000	2,840		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic
		Coastwise Receipts
Total, all commodities	2,578	2,578
Total petroleum and petroleum products	2,267	2,267
Subtotal petroleum products	2,267	2,267
2211 gasoline	905	905
2221 kerosene	80	80
2330 distillate fuel oil	1,218	1,218
2340 residual fuel oil	64	64
Total crude materials, inedible except fuels	311	311
Subtotal soil, sand, gravel, rock and stone	311	311
4331 sand & gravel	311	311

Other Harbors and Waterways 2001

Harbor or Waterway Project	Commodity	Thousand Short Tons
BRONX RIVER, NY (INCLUDED IN PORT OF NEW YORK)	4331 sand & gravel	27
	Total Tons(x1000)	27
	Total Ton-miles(x1000)	54
BROWNS CREEK, NY	4331 sand & gravel	1
	4860 slag	0
	5220 cement & concrete	0
	5370 i&s pipe & tube	0
	7900 manufac. prod. nec	1
	8900 waste and scrap nec	3
Total Tons(x1000)	5	
Total Ton-miles(x1000)	5	
BURLINGTON HARBOR, VT	No Commerce Reported	
CHEESEQUAKE CREEK, NJ (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
CONEY ISLAND CREEK, NY (INCLUDED IN PORT OF NEW YORK)	4331 sand & gravel	2
	Total Tons(x1000)	2
	Total Ton-miles(x1000)	2
ECHO BAY HARBOR, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
ELIZABETH RIVER, NJ (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
FIRE ISLAND INLET, NY	No Commerce Reported	
GLEN COVE CREEK, NY	4331 sand & gravel	154
	Total Tons(x1000)	154
	Total Ton-miles(x1000)	154
GLEN COVE HARBOR, NY	No Commerce Reported	
GREAT KILLS HARBOR, STATEN ISLAND, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
GREAT SOUTH BAY, NY (INCLUDING STATISTICS FOR PATCHOQUE RIVER, NY)	2340 residual fuel oil	1
	4331 sand & gravel	1
	4860 slag	0
	5220 cement & concrete	0
	5370 i&s pipe & tube	0
	7900 manufac. prod. nec	10
	8900 waste and scrap nec	3
	Total Tons(x1000)	14
	Total Ton-miles(x1000)	106
GREENPORT HARBOR, NY	No Commerce Reported	
HARLEM RIVER, NY (INCLUDED IN PORT OF NEW YORK)	2330 distillate fuel oil	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
HUNTINGTON HARBOR, NY	No Commerce Reported	
JONES INLET, NY	No Commerce Reported	

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
KEYPORT HARBOR, NJ (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
LAKE MONTAUK HARBOR, NY	No Commerce Reported	
LARCHMONT HARBOR, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
LEMON CREEK, STATEN ISLAND, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
LONG ISLAND INTRACOASTAL WATERWAY, NY	No Commerce Reported	
MAMARONECK HARBOR, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
MANHASSET BAY, NY (INCLUDED IN PORT OF NEW YORK)	2330 distillate fuel oil	43
	Total Tons(x1000)	<u>43</u>
	Total Ton-miles(x1000)	172
MATTITUCK HARBOR, NY	No Commerce Reported	
NARROWS OF LAKE CHAMPLAIN, NY AND VT	No Commerce Reported	
NEW ROCHELLE HARBOR, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
NORTHPORT HARBOR, NY	No Commerce Reported	
OROWOC CREEK, NY	No Commerce Reported	
PATCHOGUE RIVER, NY (INCLUDED IN STATISTICS FOR GREAT SOUTH BAY, NY)	No Commerce Reported	
PECONIC RIVER, NY	No Commerce Reported	
PEEKSKILL HARBOR, NY (INCLUDED IN STATISTICS FOR HUDSON RIVER)	No Commerce Reported	
PORT CHESTER HARBOR, NY (INCLUDED IN PORT OF NEW YORK)	2330 distillate fuel oil	81
	2430 asphalt, tar & pitch	7
	Total Tons(x1000)	<u>88</u>
	Total Ton-miles(x1000)	88
PORT HENRY HARBOR, NY	No Commerce Reported	
RAHWAY RIVER, NJ (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
RONDOUT HARBOR, NY (INCLUDED IN STATISTICS FOR HUDSON RIVER)	2330 distillate fuel oil	29
	2990 petro. products nec	0
	5480 fab. metal products	1
	Total Tons(x1000)	<u>29</u>
ROUSES POINT, NY	No Commerce Reported	

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
SAG HARBOR, NY	4335 waterway improv. mat	6
	Total Tons(x1000)	6
SANDY HOOK BAY AT LEONARDO, NJ (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
SANDY HOOK BAY, NJ	No Commerce Reported	
SANDY HOOK CHANNEL, NY	No Commerce Reported	
SAUGERTIES HARBOR, NY (INCLUDED IN STATISTICS FOR HUDSON RIVER)	No Commerce Reported	
SHARK RIVER, NJ	No Commerce Reported	
SHEEPSHEAD BAY, NY	No Commerce Reported	
SHINNECOCK INLET, NY	No Commerce Reported	
SHOAL HARBOR AND COMPTON CREEK, NJ (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
SHREWSBURY RIVER, NJ	No Commerce Reported	
TARRYTOWN HARBOR, NY (INCLUDED IN STATISTICS FOR HUDSON RIVER)	2330 distillate fuel oil	42
	4331 sand & gravel	130
	Total Tons(x1000)	172
WALLABOUT CHANNEL, NY (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
WAYCAKE CREEK, NJ (INCLUDED IN PORT OF NEW YORK)	No Commerce Reported	
WESTCHESTER CREEK, NY (INCLUDED IN PORT OF NEW YORK)	2330 distillate fuel oil	210
	2340 residual fuel oil	4
	Total Tons(x1000)	214
	Total Ton-miles(x1000)	639
Non-project		
GOWANUS CANAL, NY (INCLUDED IN PORT OF NEW YORK)	2221 kerosene	3
	2330 distillate fuel oil	194
	2340 residual fuel oil	40
	4331 sand & gravel	124
	Total Tons(x1000)	362
	Total Ton-miles(x1000)	416
GRAVESEND BAY, NY (INCLUDED IN PORT OF NEW YORK)	2100 crude petroleum	89
	2211 gasoline	342
	2221 kerosene	7
	2330 distillate fuel oil	148
	2340 residual fuel oil	195
	2350 lube oil & greases	0
	2429 naphtha & solvents	8
	2990 petro. products nec	0
	3297 chemical additives	8
	4331 sand & gravel	2
	Total Tons(x1000)	799
	Total Ton-miles(x1000)	808

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Non-project	Commodity	Thousand Short Tons
LONG ISLAND SOUND AT CITY ISLAND, NY (INCLUDED IN PORT OF NEW YORK)	2340 residual fuel oil	1
	4331 sand & gravel	1
	Total Tons(x1000)	2
	Total Ton-miles(x1000)	2
OYSTER BAY, NY	2211 gasoline	74
	2330 distillate fuel oil	299
	2340 residual fuel oil	1
	4331 sand & gravel	1
	Total Tons(x1000)	375
Total Ton-miles(x1000)	528	
SANDY HOOK BAY, NJ (INCLUDED IN PORT OF NEW YORK)	2211 gasoline	4
	2340 residual fuel oil	1
	6888 water & ice	0
	Total Tons(x1000)	6
	Total Ton-miles(x1000)	6

DELAWARE RIVER BETWEEN PHILADELPHIA, PA, AND TRENTON, NJ

Section Included: Allegheny Ave., Philadelphia, PA, to Trenton, NJ 30.5 miles and an auxiliary channel east of Burlington Island extending from the main channel to the upper end of United States Pipe & Foundry Co. At East Burlington, 1.4 miles. Controlling Depth in middle half of channel to U. S. Steel Co: Nov. 1989, 39.1 feet, 23.5 miles to the upper end of Newbold Island in Nov. 1989, 15.6 feet, 0.5 miles; in July 1988, 11.4 feet to Trenton Marine Terminal, 5.2 miles; and in July 1988, 10.7 feet to the Pennsylvania Railroad Bridge at Trenton 1.3 miles. Auxiliary Channel Burlington Island in January 1985, 8.2 feet. Project Depth: 40 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	5,648	1995	6,088	1998	7,765	2001	9,551
1993	5,667	1996	6,439	1999	8,558		
1994	5,979	1997	6,849	2000	10,191		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
Total, all commodities	4,858	4,286	73	496	2
Total coal	41	30	11	—	—
1100 coal lignite	41	30	11	—	—
Total petroleum and petroleum products	989	803	2	183	—
Subtotal petroleum products	989	803	2	183	—
2211 gasoline	37	30	—	6	—
2330 distillate fuel oil	46	28	—	18	—
2340 residual fuel oil	880	721	—	159	—
2350 lube oil & greases	1	—	1	—	—
2410 petro. jelly & waxes	23	23	—	—	—
2429 naphtha & solvents	2	1	1	—	—
Total chemicals and related products	140	84	57	—	—
Subtotal other chemicals and related products	140	84	57	—	—
3211 acyclic hydrocarbons	5	—	5	—	—
3212 benzene & toluene	2	—	2	—	—
3219 other hydrocarbons	6	1	5	—	—
3220 alcohols	42	33	9	—	—
3230 carboxylic acids	33	33	—	—	—
3260 organic comp. nec	37	1	35	—	—
3274 sodium hydroxide	4	4	—	—	—
3275 inorg. elem., oxides, & halogen salts	4	4	—	—	—
3276 metallic salts	3	3	—	—	—
3282 pigments & paints	0	—	0	—	—
3285 perfumes & cleansers	0	0	—	—	—
3286 plastics	1	0	1	—	—
3292 starches, gluten, glue	0	0	0	—	—
3298 wood & resin chem.	3	3	—	—	—
3299 chem. products nec	1	1	0	—	—
Total crude materials, inedible except fuels	1,351	1,038	0	313	—
Subtotal forest products, wood and chips	15	15	0	—	—
4189 lumber	15	15	—	—	—
4190 forest products nec	0	0	0	—	—
Subtotal soil, sand, gravel, rock and stone	456	143	—	313	—
4310 building stone	55	55	—	—	—
4322 limestone	0	0	—	—	—
4323 gypsum	401	88	—	313	—
Subtotal slag	36	36	—	—	—
4860 slag	36	36	—	—	—
Subtotal other non-metal. min.	843	843	—	—	—
4900 non-metal. min. nec	843	843	—	—	—
Total primary manufactured goods	2,140	2,140	0	—	—
Subtotal paper products	1	1	0	—	—
5110 newsprint	0	—	0	—	—
5120 paper & paperboard	1	1	—	—	—
5190 paper products nec	0	0	—	—	—
Subtotal lime, cement and glass	346	346	—	—	—
5220 cement & concrete	346	346	—	—	—
5290 misc. mineral prod.	0	0	—	—	—
Subtotal primary iron and steel products	1,737	1,737	0	—	—
5312 pig iron	0	—	0	—	—
5315 ferro alloys	0	0	—	—	—
5320 i&s primary forms	1,270	1,270	—	—	—
5330 i&s plates & sheets	384	384	—	—	—
5360 i&s bars & shapes	75	75	—	—	—
5370 i&s pipe & tube	6	6	—	—	—
5390 primary i&s nec	1	1	—	—	—
Subtotal primary non-ferrous metal products	56	56	—	—	—
5421 copper	0	0	—	—	—
5429 smelted prod. nec	2	2	—	—	—
5480 fab. metal products	53	53	—	—	—
Subtotal primary wood products	0	0	0	—	—
5540 primary wood prod.	0	0	0	—	—
Total food and farm products	188	188	1	—	—
Subtotal fish	0	0	—	—	—
6134 fish (not shellfish)	0	0	—	—	—
6136 shellfish	0	0	—	—	—

DELAWARE RIVER BETWEEN PHILADELPHIA, PA, AND TRENTON, NJ
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
Subtotal grain	7	7	---	---	---
6344 corn	7	7	---	---	---
Subtotal oilseeds	0	0	---	---	---
6590 oilseeds nec	0	0	---	---	---
Subtotal vegetable products	0	0	---	---	---
6654 vegetables & prod.	0	0	---	---	---
Subtotal other agricultural products	181	181	1	---	---
6811 meat, fresh, frozen	1	1	0	---	---
6817 meat, prepared	1	1	---	---	---
6839 animals & prod. nec	1	0	0	---	---
6856 bananas & plantains	0	0	---	---	---
6857 fruit & nuts nec	169	169	---	---	---
6858 fruit juices	8	8	---	---	---
6872 cocoa beans	0	0	---	---	---
6885 alcoholic beverages	0	0	---	---	---
6889 food products nec	2	2	---	---	---
6891 tobacco & products	0	0	---	---	---
6899 farm products nec	0	0	0	---	---
Total all manufactured equipment, machinery and products	5	4	2	---	---
7110 machinery (not elec)	3	2	2	---	---
7120 electrical machinery	0	0	0	---	---
7210 vehicles & parts	0	0	0	---	---
7230 ships & boats	0	0	---	---	---
7300 ordnance & access.	0	0	---	---	---
7400 manufac. wood prod.	0	0	---	---	---
7500 textile products	0	0	0	---	---
7600 rubber & plastic pr.	0	0	0	---	---
7900 manufac. prod. nec	1	1	0	---	---
Total unknown or not elsewhere classified	3	1	1	---	2
9900 unknown or nec	3	1	1	---	2
Ton-miles (x1000) Foreign & Canadian	106,376	100,583	710	5,007	76

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra	
				Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	4,693	282	381	2,789	1,077	28	136
Total coal	948	---	0	948	---	---	---
1100 coal lignite	948	---	0	948	---	---	---
Total petroleum and petroleum products	2,188	147	48	1,064	911	18	---
Subtotal petroleum products	2,188	147	48	1,064	911	18	---
2211 gasoline	602	46	7	505	40	5	---
2221 kerosene	29	---	---	22	8	---	---
2330 distillate fuel oil	354	---	0	284	66	4	---
2340 residual fuel oil	1,148	73	40	229	797	8	---
2350 lube oil & greases	20	14	1	5	---	---	---
2410 petro. jelly & waxes	14	14	0	---	---	---	---
2429 naphtha & solvents	20	---	0	20	---	---	---
2540 petroleum coke	0	---	0	---	---	---	---
2640 liquid natural gas	1	0	0	---	---	---	---
2990 petro. products nec	0	---	0	---	---	---	---
Total chemicals and related products	1,285	71	127	777	164	10	136
Subtotal fertilizers	0	---	0	---	---	---	---
3110 nitrogenous fert.	0	---	0	---	---	---	---
3130 potassic fert.	0	---	0	---	---	---	---
3190 fert. & mixes nec	0	---	0	---	---	---	---
Subtotal other chemicals and related products	1,285	71	127	777	164	10	136
3212 benzene & toluene	3	---	0	3	---	---	---
3219 other hydrocarbons	622	0	0	610	---	10	1
3220 alcohols	187	17	6	---	164	---	---
3230 carboxylic acids	17	13	3	---	---	---	---
3240 nitrogen func. comp.	0	---	0	---	---	---	---
3250 organo - inorg. comp.	0	0	0	---	---	---	---
3260 organic comp. nec	227	0	92	0	---	---	135
3272 sulphuric acid	0	0	0	---	---	---	---
3273 ammonia	0	---	0	---	---	---	---
3274 sodium hydroxide	1	1	0	---	---	---	---
3275 inorg. elem., oxides, & halogen salts	1	1	1	---	---	---	---
3276 metallic salts	1	---	1	---	---	---	---
3279 inorganic chem. nec	0	---	0	---	---	---	---
3282 pigments & paints	1	0	1	---	---	---	---
3283 coloring mat. nec	1	0	1	---	---	---	---
3284 medicines	28	22	5	---	---	---	---

DELAWARE RIVER BETWEEN PHILADELPHIA, PA, AND TRENTON, NJ
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
3285 perfumes & cleansers	10	2	9	---	---	---	---
3286 plastics	6	0	6	---	---	---	---
3291 pesticides	0	---	0	---	---	---	---
3292 starches, gluten, glue	1	0	1	---	---	---	---
3293 explosives	0	---	0	---	---	---	---
3297 chemical additives	163	---	---	163	---	---	---
3298 wood & resin chem.	0	---	0	---	---	---	---
3299 chem. products nec	14	14	1	---	---	---	---
Total crude materials, inedible except fuels	6	1	5	---	---	---	---
Subtotal forest products, wood and chips	1	0	1	---	---	---	---
4110 rubber & gums	0	0	0	---	---	---	---
4150 fuel wood	0	---	0	---	---	---	---
4161 wood chips	0	---	0	---	---	---	---
4189 lumber	0	---	0	---	---	---	---
4190 forest products nec	1	0	1	---	---	---	---
Subtotal pulp and waste paper	0	0	---	---	---	---	---
4225 pulp & waste paper	0	0	---	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	2	0	2	---	---	---	---
4310 building stone	0	0	---	---	---	---	---
4322 limestone	2	---	2	---	---	---	---
4331 sand & gravel	0	---	0	---	---	---	---
Subtotal iron ore and scrap	0	0	0	---	---	---	---
4420 iron & steel scrap	0	0	0	---	---	---	---
Subtotal non-ferrous ores and scrap	1	1	0	---	---	---	---
4650 aluminum ore	0	---	0	---	---	---	---
4680 non-ferrous scrap	1	1	---	---	---	---	---
Subtotal sulphur, clay and salt	0	0	0	---	---	---	---
4741 sulphur, (dry)	0	---	0	---	---	---	---
4782 clay & refrac. mat.	0	0	0	---	---	---	---
Subtotal other non-metal. min.	2	0	2	---	---	---	---
4900 non-metal. min. nec	2	0	2	---	---	---	---
Total primary manufactured goods	27	2	24	---	---	---	---
Subtotal paper products	13	1	12	---	---	---	---
5110 newsprint	0	---	0	---	---	---	---
5120 paper & paperboard	6	---	6	---	---	---	---
5190 paper products nec	6	1	5	---	---	---	---
Subtotal lime, cement and glass	4	0	3	---	---	---	---
5220 cement & concrete	1	---	1	---	---	---	---
5240 glass & glass prod.	2	0	2	---	---	---	---
5290 misc. mineral prod.	0	0	0	---	---	---	---
Subtotal primary iron and steel products	5	0	5	---	---	---	---
5330 i&s plates & sheets	0	---	0	---	---	---	---
5360 i&s bars & shapes	1	0	1	---	---	---	---
5370 i&s pipe & tube	4	---	4	---	---	---	---
5390 primary i&s nec	1	0	1	---	---	---	---
Subtotal primary non-ferrous metal products	4	0	4	---	---	---	---
5421 copper	0	0	0	---	---	---	---
5422 aluminum	0	0	0	---	---	---	---
5429 smelted prod. nec	1	---	1	---	---	---	---
5480 fab. metal products	3	0	3	---	---	---	---
Subtotal primary wood products	0	---	0	---	---	---	---
5540 primary wood prod.	0	---	0	---	---	---	---
Total food and farm products	141	41	100	0	---	---	---
Subtotal fish	7	7	0	---	---	---	---
6134 fish (not shellfish)	7	7	0	---	---	---	---
6136 shellfish	0	---	0	---	---	---	---
Subtotal grain	0	---	0	---	---	---	---
6344 corn	0	---	0	---	---	---	---
Subtotal oilseeds	0	0	0	---	---	---	---
6590 oilseeds nec	0	0	0	---	---	---	---
Subtotal vegetable products	19	5	14	---	---	---	---
6653 vegetable oils	0	0	0	---	---	---	---
6654 vegetables & prod.	19	5	14	---	---	---	---
Subtotal processed grain and animal feed	4	1	4	---	---	---	---
6746 wheat flour	0	---	0	---	---	---	---
6747 grain mill products	3	0	3	---	---	---	---
6781 hay & fodder	0	0	0	---	---	---	---
6782 animal feed, prep.	2	1	1	---	---	---	---
Subtotal other agricultural products	111	28	82	0	---	---	---
6811 meat, fresh, frozen	5	0	5	---	---	---	---
6817 meat, prepared	3	---	3	---	---	---	---
6822 dairy products	8	---	8	---	---	---	---
6835 fish, prepared	5	5	---	---	---	---	---
6839 animals & prod. nec	4	---	4	---	---	---	---
6857 fruit & nuts nec	3	2	1	---	---	---	---
6858 fruit juices	7	1	7	---	---	---	---

DELAWARE RIVER BETWEEN PHILADELPHIA, PA, AND TRENTON, NJ
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
6861 sugar	0	—	0	—	—	—	—
6871 coffee	0	0	—	—	—	—	—
6872 cocoa beans	8	8	—	—	—	—	—
6885 alcoholic beverages	1	0	0	—	—	—	—
6887 groceries	25	0	24	0	—	—	—
6888 water & ice	1	0	0	0	—	—	—
6889 food products nec	39	11	29	—	—	—	—
6891 tobacco & products	2	2	0	—	—	—	—
6893 cotton	0	—	0	—	—	—	—
6899 farm products nec	0	—	0	—	—	—	—
Total all manufactured equipment, machinery and products	97	20	75	0	1	—	—
7110 machinery (not elec)	4	2	2	—	—	—	—
7120 electrical machinery	6	5	2	0	—	—	—
7210 vehicles & parts	2	0	2	—	—	—	—
7220 aircraft & parts	0	—	0	—	—	—	—
7230 ships & boats	0	—	0	—	—	—	—
7400 manufac. wood prod.	3	0	3	—	—	—	—
7500 textile products	6	1	5	—	—	—	—
7600 rubber & plastic pr.	8	1	6	—	—	—	—
7800 empty containers	0	0	0	—	—	—	—
7900 manufac. prod. nec	68	10	56	—	1	—	—
Total waste and scrap nec	0	0	0	—	—	—	—
8900 waste and scrap nec	0	0	0	—	—	—	—
Total unknown or not elsewhere classified	1	1	1	—	—	—	—
9900 unknown or nec	1	1	1	—	—	—	—
Ton-miles (x1000) Domestic	44,914	614	668	42,115	1,047	198	273
Tons All Traffic (x1000)	9,551						
Ton-miles All Traffic (x1000)	151,290						

*Includes 28 (x1000) tons of foreign inbound in-transits; Includes 0 (x1000) tons of foreign outbound in-transits.

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA)

Section Included: Deepwater in Delaware Bay to Allegheny Ave., Philadelphia, PA, 96.5 miles. Maintained Depth in middle half of channel: 39.3 feet to the Philadelphia Naval Base, 88 miles; 38 feet in middle half of the west side of the channel and 34.7 feet in middle half of the east side of the channel through Philadelphia Harbor, 8.5 miles. All at mean low water. Tidal range to 6 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	113,168	1995	121,092	1998	115,709	2001	125,086
1993	120,510	1996	103,959	1999	111,099		
1994	120,416	1997	112,245	2000	123,683		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound*	Through Upbound*	Downbnd*	Inbound*	Outbound	Through Upbound	Downbnd
Total, all commodities	83,101	68,626	766	8,516	862	3,433	52	845	2
Total coal	341	237	0	92	11	—	—	—	—
1100 coal lignite	341	237	0	92	11	—	—	—	—
1200 coal coke	0	—	0	—	0	—	—	—	—
Total petroleum and petroleum products	64,802	58,421	150	2,634	475	2,909	29	183	—
Subtotal crude petroleum	60,297	56,086	2	1,441	—	2,768	—	—	—
2100 crude petroleum	60,297	56,086	2	1,441	—	2,768	—	—	—
Subtotal petroleum products	4,506	2,336	147	1,193	475	142	29	183	—
2211 gasoline	235	198	0	30	0	—	—	6	—
2221 kerosene	0	—	0	—	0	—	—	—	—
2330 distillate fuel oil	657	524	44	28	—	14	29	18	—
2340 residual fuel oil	2,056	648	—	1,087	50	113	—	159	—
2350 lube oil & greases	68	25	39	0	4	—	—	—	—
2410 petro. jelly & waxes	99	70	5	24	0	—	—	—	—
2429 naphtha & solvents	847	829	1	1	2	15	—	—	—
2430 asphalt, tar & pitch	0	0	0	—	—	—	—	—	—
2540 petroleum coke	480	0	59	1	420	—	—	—	—
2640 liquid natural gas	64	41	0	22	0	—	—	—	—

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound*	Through		Inbound*	Outbound	Through	
				Upbound*	Downbnd*			Upbound	Downbnd
Total chemicals and related products	1,408	786	230	254	74	26	---	38	---
Subtotal fertilizers	165	131	0	33	1	---	---	---	---
3110 nitrogenous fert.	150	123	0	28	0	---	---	---	---
3130 potassic fert.	0	0	0	---	---	---	---	---	---
3190 fert. & mixes nec	15	8	0	6	1	---	---	---	---
Subtotal other chemicals and related products	1,243	655	229	221	73	26	---	38	---
3211 acyclic hydrocarbons	14	0	9	---	5	---	---	---	---
3212 benzene & toluene	236	99	28	49	2	21	---	38	---
3219 other hydrocarbons	58	7	41	1	5	3	---	---	---
3220 alcohols	92	39	11	33	9	---	---	---	---
3230 carboxylic acids	52	10	3	39	0	---	---	---	---
3240 nitrogen func. comp.	9	2	7	---	0	---	---	---	---
3250 organo - inorg. comp.	3	3	0	---	0	---	---	---	---
3260 organic comp. nec	394	334	2	22	35	---	---	---	---
3272 sulphuric acid	0	0	0	---	0	---	---	---	---
3273 ammonia	0	---	0	---	---	---	---	---	---
3274 sodium hydroxide	40	33	0	4	0	2	---	---	---
3275 inorg. elem., oxides, & halogen salts	50	22	23	5	0	---	---	---	---
3276 metallic salts	82	18	2	59	3	---	---	---	---
3279 inorganic chem. nec	7	2	2	3	0	---	---	---	---
3281 radioactive material	1	1	0	---	---	---	---	---	---
3282 pigments & paints	6	3	2	---	1	---	---	---	---
3283 coloring mat. nec	4	3	1	---	0	---	---	---	---
3284 medicines	13	7	6	0	0	---	---	---	---
3285 perfumes & cleansers	14	5	7	0	2	0	---	---	---
3286 plastics	94	19	68	0	7	---	---	---	---
3291 pesticides	2	1	1	---	0	---	---	---	---
3292 starches, gluten, glue	39	35	2	0	2	---	---	---	---
3293 explosives	0	0	0	---	---	---	---	---	---
3297 chemical additives	1	0	1	---	0	---	---	---	---
3298 wood & resin chem.	4	0	0	3	---	---	---	---	---
3299 chem. products nec	28	11	15	1	2	---	---	---	---
Total crude materials, inedible except fuels	3,753	1,330	89	1,368	16	304	23	624	---
Subtotal forest products, wood and chips	148	109	6	16	3	0	---	14	---
4110 rubber & gums	3	2	0	---	0	---	---	---	---
4150 fuel wood	3	3	---	---	0	---	---	---	---
4161 wood chips	0	0	0	---	---	---	---	---	---
4170 wood in the rough	20	20	0	---	0	0	---	---	---
4189 lumber	115	77	5	16	3	0	---	14	---
4190 forest products nec	8	7	1	0	0	---	---	---	---
Subtotal pulp and waste paper	61	22	8	---	9	---	23	---	---
4225 pulp & waste paper	61	22	8	---	9	---	23	---	---
Subtotal soil, sand, gravel, rock and stone	1,044	4	1	143	1	285	---	610	---
4310 building stone	56	1	0	55	0	---	---	---	---
4322 limestone	4	3	0	0	0	---	---	---	---
4323 gypsum	983	---	0	88	0	285	---	610	---
4331 sand & gravel	1	0	1	---	0	---	---	---	---
Subtotal iron ore and scrap	157	85	67	5	---	---	---	---	---
4410 iron ore	90	85	---	5	---	---	---	---	---
4420 iron & steel scrap	67	0	67	---	---	---	---	---	---
Subtotal marine shells	0	---	---	0	0	---	---	---	---
4515 marine shells	0	---	---	0	0	---	---	---	---
Subtotal non-ferrous ores and scrap	57	19	2	35	0	---	---	---	---
4650 aluminum ore	7	---	0	7	---	---	---	---	---
4670 manganese ore	7	---	---	7	---	---	---	---	---
4680 non-ferrous scrap	1	1	0	---	---	---	---	---	---
4690 non-ferrous ores nec	41	18	2	21	0	---	---	---	---
Subtotal sulphur, clay and salt	34	1	1	32	0	0	---	---	---
4741 sulphur, (dry)	0	---	0	---	---	---	---	---	---
4782 clay & refrac. mat.	34	1	1	32	0	0	---	---	---
Subtotal slag	526	490	---	36	---	---	---	---	---
4860 slag	526	490	---	36	---	---	---	---	---
Subtotal other non-metal. min.	1,725	599	3	1,101	4	19	---	---	---
4900 non-metal. min. nec	1,725	599	3	1,101	4	19	---	---	---
Total primary manufactured goods	7,920	5,455	127	2,233	52	53	---	---	---
Subtotal paper products	1,358	1,208	53	1	43	53	---	---	---
5110 newsprint	83	28	0	---	2	53	---	---	---
5120 paper & paperboard	1,262	1,175	48	1	38	---	---	---	---
5190 paper products nec	13	5	5	0	3	---	---	---	---
Subtotal lime, cement and glass	407	41	17	346	2	---	---	---	---
5210 lime	0	---	0	---	0	---	---	---	---
5220 cement & concrete	346	---	0	346	0	---	---	---	---
5240 glass & glass prod.	16	10	6	0	0	---	---	---	---
5290 misc. mineral prod.	44	31	11	0	2	---	---	---	---

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound*	Through		Inbound*	Outbound	Through	
				Upbound*	Downbnd*			Upbound	Downbnd
Subtotal primary iron and steel products	5,536	3,666	43	1,826	1	---	---	---	---
5312 pig iron	4	0	3	---	0	---	---	---	---
5315 ferro alloys	19	19	0	0	---	---	---	---	---
5320 i&s primary forms	2,229	944	11	1,275	0	---	---	---	---
5330 i&s plates & sheets	2,890	2,471	18	401	0	---	---	---	---
5360 i&s bars & shapes	294	152	3	139	0	---	---	---	---
5370 i&s pipe & tube	88	71	7	10	0	---	---	---	---
5390 primary i&s nec	11	9	0	2	0	---	---	---	---
Subtotal primary non-ferrous metal products	260	182	13	60	5	---	---	---	---
5421 copper	9	8	0	0	0	---	---	---	---
5422 aluminum	8	5	2	0	0	---	---	---	---
5429 smelted prod. nec	29	23	5	2	---	---	---	---	---
5480 fab. metal products	214	146	6	57	4	---	---	---	---
Subtotal primary wood products	361	358	0	1	2	---	---	---	---
5540 primary wood prod.	361	358	0	1	2	---	---	---	---
Total food and farm products	4,012	2,090	55	1,757	82	28	---	---	---
Subtotal fish	30	11	6	9	4	---	---	---	---
6134 fish (not shellfish)	24	7	6	7	4	---	---	---	---
6136 shellfish	6	4	0	1	1	---	---	---	---
Subtotal grain	33	21	1	10	1	---	---	---	---
6241 wheat	0	0	---	---	---	---	---	---	---
6344 corn	31	20	0	10	0	---	---	---	---
6442 rice	1	1	0	---	0	---	---	---	---
6443 barley & rye	0	---	0	---	0	---	---	---	---
6445 oats	0	0	---	---	---	---	---	---	---
6447 sorghum grains	0	0	---	---	---	---	---	---	---
Subtotal oilseeds	9	9	0	0	0	---	---	---	---
6521 peanuts	0	0	---	---	---	---	---	---	---
6522 soybeans	7	7	0	---	---	---	---	---	---
6534 flaxseed	0	---	---	---	0	---	---	---	---
6590 oilseeds nec	1	1	---	0	0	---	---	---	---
Subtotal vegetable products	110	44	4	49	14	---	---	---	---
6653 vegetable oils	18	17	0	---	1	---	---	---	---
6654 vegetables & prod.	92	27	4	49	13	---	---	---	---
Subtotal processed grain and animal feed	26	8	4	1	13	---	---	---	---
6746 wheat flour	1	0	---	---	1	---	---	---	---
6747 grain mill products	5	1	1	---	3	---	---	---	---
6781 hay & fodder	1	0	---	---	1	---	---	---	---
6782 animal feed, prep.	19	7	3	1	9	---	---	---	---
Subtotal other agricultural products	3,803	1,997	41	1,688	49	28	---	---	---
6811 meat, fresh, frozen	461	299	11	144	6	0	---	---	---
6817 meat, prepared	23	22	0	1	0	---	---	---	---
6822 dairy products	132	122	6	---	5	---	---	---	---
6835 fish, prepared	2	2	0	0	0	---	---	---	---
6838 tallow, animal oils	1	---	0	---	0	---	---	---	---
6839 animals & prod. nec	21	16	0	4	1	---	---	---	---
6856 bananas & plantains	1,492	547	0	942	3	---	---	---	---
6857 fruit & nuts nec	1,004	547	1	448	8	---	---	---	---
6858 fruit juices	187	41	2	142	2	---	---	---	---
6861 sugar	1	1	0	---	0	---	---	---	---
6865 molasses	5	5	---	---	---	---	---	---	---
6871 coffee	12	12	0	---	0	---	---	---	---
6872 cocoa beans	249	248	1	0	0	---	---	---	---
6885 alcoholic beverages	47	43	1	0	2	---	---	---	---
6888 water & ice	2	0	0	---	1	---	---	---	---
6889 food products nec	145	77	16	6	18	28	---	---	---
6891 tobacco & products	7	5	2	0	0	---	---	---	---
6893 cotton	1	1	---	---	1	---	---	---	---
6894 natural fibers nec	0	---	0	---	---	---	---	---	---
6899 farm products nec	12	11	0	1	0	---	---	---	---
Total all manufactured equipment, machinery and products	713	198	94	172	137	111	---	---	---
7110 machinery (not elec)	78	49	16	4	9	---	---	---	---
7120 electrical machinery	35	10	18	2	4	---	---	---	---
7210 vehicles & parts	322	48	10	161	103	---	---	---	---
7220 aircraft & parts	0	0	0	0	0	---	---	---	---
7230 ships & boats	1	0	0	0	0	---	---	---	---
7300 ordnance & access.	0	0	0	0	---	---	---	---	---
7400 manufac. wood prod.	10	8	1	0	1	---	---	---	---
7500 textile products	32	12	8	1	11	---	---	---	---
7600 rubber & plastic pr.	30	17	10	0	3	---	---	---	---
7900 manufac. prod. nec	205	54	31	3	6	111	---	---	---

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian			
		Inbound*	Outbound*	Through Upbound*	Downbnd*	Inbound*	Outbound	Through Upbound	Downbnd
Total unknown or not elsewhere classified	152	108	22	5	14	0	---	---	2
9900 unknown or nec	152	108	22	5	14	0	---	---	2
Ton-miles Foreign & Canadian (x1000)	6,937,821	5,693,401	74,003	747,961	64,098	276,003	4,962	77,145	248

Commodity	Total	Coastwise			
		Receipts	Shipments	Through Upbound	Downbnd
Total, all commodities	15,728	2,624	5,867	2,208	5,029
Total coal	1,514	8	---	8	1,499
1100 coal lignite	1,514	8	---	8	1,499
Total petroleum and petroleum products	11,149	1,693	5,548	1,500	2,408
Subtotal crude petroleum	342	34	307	---	---
2100 crude petroleum	342	34	307	---	---
Subtotal petroleum products	10,807	1,659	5,240	1,500	2,408
2211 gasoline	2,741	296	1,391	734	320
2221 kerosene	30	14	17	---	---
2330 distillate fuel oil	2,384	596	1,531	101	157
2340 residual fuel oil	3,932	384	1,301	367	1,881
2350 lube oil & greases	299	182	97	14	5
2410 petro. jelly & waxes	82	16	0	66	0
2429 naphtha & solvents	266	129	121	8	8
2430 asphalt, tar & pitch	1,047	42	758	210	37
2540 petroleum coke	0	---	0	---	0
2640 liquid natural gas	1	---	0	0	0
2990 petro. products nec	25	---	25	---	0
Total chemicals and related products	1,228	798	163	116	151
Subtotal fertilizers	0	---	0	---	0
3110 nitrogenous fert.	0	---	---	---	0
3130 potassic fert.	0	---	---	---	0
3190 fert. & mixes nec	0	---	0	---	0
Subtotal other chemicals and related products	1,228	798	163	116	151
3211 acyclic hydrocarbons	0	---	0	---	---
3212 benzene & toluene	45	---	45	---	0
3219 other hydrocarbons	26	---	26	0	0
3220 alcohols	104	15	58	17	14
3230 carboxylic acids	17	---	0	13	3
3240 nitrogen func. comp.	0	---	0	---	0
3250 organo - inorg. comp.	0	---	---	0	0
3260 organic comp. nec	98	---	6	0	92
3272 sulphuric acid	3	---	0	0	2
3273 ammonia	0	---	0	---	0
3274 sodium hydroxide	251	210	0	36	5
3275 inorg. elem., oxides, & halogen salts	6	---	4	1	1
3276 metallic salts	1	---	0	---	1
3279 inorganic chem. nec	0	---	0	---	0
3282 pigments & paints	2	---	0	0	1
3283 coloring mat. nec	1	---	---	0	1
3284 medicines	28	---	1	22	5
3285 perfumes & cleansers	11	---	1	2	9
3286 plastics	8	---	2	0	6
3291 pesticides	0	---	0	---	0
3292 starches, gluten, glue	1	---	0	0	1
3293 explosives	0	---	0	---	0
3297 chemical additives	588	553	17	10	8
3298 wood & resin chem.	0	---	---	---	0
3299 chem. products nec	36	19	2	14	1
Total crude materials, inedible except fuels	113	12	5	7	88
Subtotal forest products, wood and chips	3	1	2	0	1
4110 rubber & gums	1	1	0	0	0
4150 fuel wood	0	---	---	---	0
4161 wood chips	0	---	0	---	0
4170 wood in the rough	0	---	0	---	---
4189 lumber	0	---	0	---	0
4190 forest products nec	1	---	1	0	1
Subtotal pulp and waste paper	11	11	0	0	---
4225 pulp & waste paper	11	11	0	0	---
Subtotal soil, sand, gravel, rock and stone	85	---	0	0	85
4310 building stone	0	---	---	0	---
4322 limestone	84	---	0	---	84
4331 sand & gravel	0	---	0	---	0
Subtotal iron ore and scrap	6	---	---	6	0
4420 iron & steel scrap	6	---	---	6	0

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Subtotal non-ferrous ores and scrap	1	—	0	1	0
4650 aluminum ore	0	—	0	—	0
4680 non-ferrous scrap	1	—	—	1	—
Subtotal sulphur, clay and salt	0	0	0	0	0
4741 sulphur, (dry)	0	—	—	—	0
4782 clay & refrac. mat.	0	0	0	0	0
Subtotal other non-metal. min.	6	—	3	0	2
4900 non-metal. min. nec	6	—	3	0	2
Total primary manufactured goods	747	5	71	496	175
Subtotal paper products	20	0	6	1	12
5110 newsprint	0	—	0	—	0
5120 paper & paperboard	9	0	2	—	6
5190 paper products nec	10	0	4	1	5
Subtotal lime, cement and glass	645	0	62	429	153
5220 cement & concrete	640	—	61	429	150
5240 glass & glass prod.	3	0	0	0	2
5290 misc. mineral prod.	1	0	1	0	0
Subtotal primary iron and steel products	55	—	1	49	5
5320 i&s primary forms	0	—	0	—	—
5330 i&s plates & sheets	0	—	0	—	0
5360 i&s bars & shapes	1	—	—	0	1
5370 i&s pipe & tube	4	—	0	—	4
5390 primary i&s nec	50	—	1	49	1
Subtotal primary non-ferrous metal products	27	4	2	17	4
5421 copper	16	—	—	16	0
5422 aluminum	1	—	0	0	0
5429 smelted prod. nec	1	—	1	—	1
5480 fab. metal products	9	4	1	1	3
Subtotal primary wood products	1	0	0	—	0
5540 primary wood prod.	1	0	0	—	0
Total food and farm products	803	81	48	52	622
Subtotal fish	7	—	—	7	0
6134 fish (not shellfish)	7	—	—	7	0
6136 shellfish	0	—	—	—	0
Subtotal grain	0	—	0	—	0
6344 corn	0	—	—	—	0
6445 oats	0	—	0	—	—
Subtotal oilseeds	0	—	0	0	0
6521 peanuts	0	—	0	—	—
6590 oilseeds nec	0	—	—	0	0
Subtotal vegetable products	21	0	2	5	14
6653 vegetable oils	1	0	0	0	0
6654 vegetables & prod.	21	—	2	5	14
Subtotal processed grain and animal feed	15	—	11	1	4
6746 wheat flour	0	—	0	—	0
6747 grain mill products	5	—	3	0	3
6781 hay & fodder	1	—	0	0	0
6782 animal feed, prep.	9	—	7	1	1
Subtotal other agricultural products	760	81	35	40	604
6811 meat, fresh, frozen	7	—	2	0	5
6817 meat, prepared	4	—	0	—	3
6822 dairy products	13	—	5	—	8
6835 fish, prepared	5	—	0	5	—
6838 tallow, animal oils	0	—	0	—	—
6839 animals & prod. nec	6	—	2	—	4
6857 fruit & nuts nec	3	—	0	2	1
6858 fruit juices	13	—	5	1	7
6861 sugar	12	—	—	12	0
6871 coffee	0	—	0	0	—
6872 cocoa beans	8	—	—	8	—
6885 alcoholic beverages	2	—	2	0	0
6887 groceries	113	81	8	0	24
6888 water & ice	1	—	0	0	0
6889 food products nec	570	—	9	11	550
6891 tobacco & products	3	—	1	2	0
6893 cotton	0	—	0	0	0
6899 farm products nec	0	—	—	—	0
Total all manufactured equipment, machinery and products	172	28	32	27	86
7110 machinery (not elec)	6	1	1	2	2
7120 electrical machinery	9	2	1	5	2
7210 vehicles & parts	16	1	13	0	2
7220 aircraft & parts	0	—	—	—	0
7230 ships & boats	0	—	0	—	0
7400 manufac. wood prod.	6	—	3	0	3
7500 textile products	8	0	2	1	5
7600 rubber & plastic pr.	10	0	2	1	6
7800 empty containers	0	—	—	0	0
7900 manufac. prod. nec	116	22	10	18	66
Total waste and scrap nec	0	—	—	0	0
8900 waste and scrap nec	0	—	—	0	0

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total unknown or not elsewhere classified	2	0	0	1	1
9900 unknown or nec	2	0	0	1	1
Ton-miles (x1000) Coastwise	1,238,367	228,782	455,683	157,481	396,422

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	26,257	1,279	1,729	1,541	2,282	2,094	1,246	15,006	1,080
Total coal	1,476	503	—	—	—	950	8	15	—
1100 coal lignite	1,476	503	—	—	—	950	8	15	—
Total petroleum and petroleum products	22,779	710	1,669	1,236	1,852	604	1,012	14,792	904
Subtotal crude petroleum	13,609	—	18	47	19	—	—	13,525	—
2100 crude petroleum	13,609	—	18	47	19	—	—	13,525	—
Subtotal petroleum products	9,170	710	1,651	1,189	1,834	604	1,012	1,267	904
2211 gasoline	2,140	32	78	397	396	334	346	410	146
2221 kerosene	121	—	44	18	5	13	4	37	—
2330 distillate fuel oil	2,142	193	420	351	258	123	97	382	318
2340 residual fuel oil	3,644	456	1,092	287	439	100	545	334	393
2350 lube oil & greases	10	—	—	5	—	—	—	1	4
2429 naphtha & solvents	299	16	18	69	24	34	21	83	34
2430 asphalt, tar & pitch	814	12	—	62	711	—	—	20	9
Total chemicals and related products	1,824	66	50	304	278	541	225	196	164
Subtotal fertilizers	24	24	—	—	—	—	—	—	—
3110 nitrogenous fert.	24	24	—	—	—	—	—	—	—
Subtotal other chemicals and related products	1,800	43	50	304	278	541	225	196	164
3212 benzene & toluene	76	—	—	27	27	3	—	—	19
3219 other hydrocarbons	670	—	—	119	20	512	—	5	14
3220 alcohols	302	—	11	—	57	—	215	19	—
3260 organic comp. nec	0	—	—	—	—	0	—	—	—
3272 sulphuric acid	26	—	—	—	25	—	—	—	2
3274 sodium hydroxide	40	—	—	—	11	—	—	3	26
3276 metallic salts	123	—	—	—	123	—	—	—	—
3297 chemical additives	563	43	39	159	15	26	9	170	103
Total crude materials, inedible except fuels	111	—	10	—	101	—	—	—	—
Subtotal forest products, wood and chips	0	—	—	—	0	—	—	—	—
4189 lumber	0	—	—	—	0	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	10	—	10	—	—	—	—	—	—
4331 sand & gravel	10	—	10	—	—	—	—	—	—
Subtotal iron ore and scrap	101	—	—	—	101	—	—	—	—
4420 iron & steel scrap	101	—	—	—	101	—	—	—	—
Total primary manufactured goods	51	—	—	—	51	—	—	—	—
Subtotal lime, cement and glass	51	—	—	—	51	—	—	—	—
5220 cement & concrete	51	—	—	—	51	—	—	—	—
5290 misc. mineral prod.	0	—	—	—	0	—	—	—	—
Total food and farm products	15	—	—	0	—	—	—	3	12
Subtotal other agricultural products	15	—	—	0	—	—	—	3	12
6887 groceries	2	—	—	0	—	—	—	0	2
6888 water & ice	13	—	—	0	—	—	—	2	10
Total all manufactured equipment, machinery and products	2	—	—	—	0	0	1	0	0
7110 machinery (not elec)	0	—	—	—	0	—	—	—	—
7120 electrical machinery	0	—	—	—	—	0	—	—	—
7400 manufac. wood prod.	0	—	—	—	0	—	—	—	—
7900 manufac. prod. nec	2	—	—	—	—	—	1	0	0

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Ton-miles Internal (x1000)	1,143,465	14,777	26,249	27,937	39,483	57,701	34,309	930,940	12,070
Tons All Traffic (x1000)		125,086							
Ton-miles All Traffic (x1000)		9,319,654							

*Includes 267 (x1000) tons of foreign inbound in-transits; Includes 42 (x1000) tons of foreign outbound in-transits;
Includes 0 (x1000) tons of Canadian inbound in-transits. Includes 87 (x1000) tons of foreign upbound through in-transits;
Includes 114 (x1000) tons of foreign downbound through in-transits.

DELAWARE RIVER AT CAMDEN, NJ (INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA TO THE SEA)

Section Included: Newton Creek, NJ to Cooper Point, NJ, 4 miles. Controlling Depth: May 1989, 30 feet from Newton Creek to Berkely St. and thence in May 1989, 17.4 feet to Cooper Point. Project Depth: 18 feet, 30 feet and 37 feet at mean low water (37 feet deferred for restudy).

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	4,855	1995	5,919	1998	5,492	2001	5,126
1993	4,664	1996	5,765	1999	5,715		
1994	5,669	1997	6,570	2000	5,171		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian Inbound
		Inbound*	Outbound*	
Total, all commodities	2,618	2,030	120	468
Total coal	0	—	0	—
1100 coal lignite	0	—	0	—
1200 coal coke	0	—	0	—
Total petroleum and petroleum products	970	741	45	183
Subtotal petroleum products	970	741	45	183
2211 gasoline	37	30	—	6
2330 distillate fuel oil	68	28	22	18
2340 residual fuel oil	842	683	—	159
2350 lube oil & greases	0	—	0	—
2410 petro. jelly & waxes	0	—	0	—
2429 naphtha & solvents	0	—	0	—
2540 petroleum coke	23	—	23	—
Total chemicals and related products	14	9	4	—
Subtotal fertilizers	0	—	0	—
3190 fert. & mixes nec	0	—	0	—
Subtotal other chemicals and related products	14	9	4	—
3219 other hydrocarbons	0	—	0	—
3220 alcohols	0	—	0	—
3230 carboxylic acids	0	—	0	—
3240 nitrogen func. comp.	0	—	0	—
3260 organic comp. nec	0	—	0	—
3272 sulphuric acid	0	—	0	—
3274 sodium hydroxide	0	—	0	—
3275 inorg. elem.oxides, & halogen salts	0	0	0	—
3276 metallic salts	9	8	0	—
3279 inorganic chem. nec	0	—	0	—
3281 radioactive material	1	1	0	—
3282 pigments & paints	0	—	0	—
3283 coloring mat. nec	0	—	0	—
3284 medicines	0	—	0	—
3285 perfumes & cleansers	0	0	0	—
3286 plastics	2	0	2	—
3291 pesticides	0	0	0	—
3292 starches, gluten, glue	1	—	1	—
3297 chemical additives	0	—	0	—
3299 chem. products nec	0	—	0	—
Total crude materials, inedible except fuels	459	156	19	285
Subtotal forest products, wood and chips	18	17	0	—
4110 rubber & gums	1	1	—	—
4161 wood chips	0	0	0	—
4170 wood in the rough	3	3	—	—
4189 lumber	14	13	0	—
4190 forest products nec	0	0	0	—
Subtotal pulp and waste paper	0	—	0	—
4225 pulp & waste paper	0	—	0	—
Subtotal soil, sand, gravel, rock and stone	288	3	0	285
4322 limestone	3	3	0	—

DELAWARE RIVER AT CAMDEN, NJ (INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA TO THE SEA)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
4323 gypsum	285	—	—	285
Subtotal iron ore and scrap	18	—	18	—
4420 iron & steel scrap	18	—	18	—
Subtotal non-ferrous ores and scrap	9	9	—	—
4680 non-ferrous scrap	0	0	—	—
4690 non-ferrous ores nec	9	9	—	—
Subtotal slag	127	127	—	—
4860 slag	127	127	—	—
Subtotal other non-metal. min.	0	0	0	—
4900 non-metal. min. nec	0	0	0	—
Total primary manufactured goods	532	522	10	—
Subtotal paper products	21	13	7	—
5110 newsprint	11	11	0	—
5120 paper & paperboard	8	2	6	—
5190 paper products nec	1	0	1	—
Subtotal lime, cement and glass	14	13	2	—
5210 lime	0	—	0	—
5240 glass & glass prod.	2	2	0	—
5290 misc. mineral prod.	12	11	1	—
Subtotal primary iron and steel products	255	255	1	—
5315 ferro alloys	8	8	—	—
5320 i&s primary forms	15	15	0	—
5330 i&s plates & sheets	153	153	0	—
5360 i&s bars & shapes	53	53	—	—
5370 i&s pipe & tube	25	24	0	—
5390 primary i&s nec	1	1	0	—
Subtotal primary non-ferrous metal products	9	8	0	—
5421 copper	0	0	—	—
5429 smelted prod. nec	4	4	0	—
5480 fab. metal products	4	4	0	—
Subtotal primary wood products	233	233	0	—
5540 primary wood prod.	233	233	0	—
Total food and farm products	572	555	18	—
Subtotal fish	0	0	0	—
6134 fish (not shellfish)	0	0	0	—
6136 shellfish	0	0	0	—
Subtotal grain	8	8	0	—
6344 corn	8	8	0	—
6445 oats	0	0	—	—
Subtotal oilseeds	0	0	0	—
6522 soybeans	0	0	0	—
Subtotal vegetable products	4	2	2	—
6653 vegetable oils	0	0	—	—
6654 vegetables & prod.	4	2	2	—
Subtotal processed grain and animal feed	1	0	1	—
6747 grain mill products	0	0	0	—
6782 animal feed, prep.	1	—	1	—
Subtotal other agricultural products	559	544	15	—
6811 meat, fresh, frozen	0	—	0	—
6817 meat, prepared	0	—	0	—
6822 dairy products	5	0	5	—
6835 fish, prepared	0	0	—	—
6839 animals & prod. nec	0	—	0	—
6856 bananas & plantains	220	220	0	—
6857 fruit & nuts nec	277	277	0	—
6858 fruit juices	17	16	1	—
6872 cocoa beans	21	21	0	—
6885 alcoholic beverages	1	0	1	—
6888 water & ice	0	—	0	—
6889 food products nec	10	3	7	—
6891 tobacco & products	3	2	1	—
6893 cotton	0	0	—	—
6894 natural fibers nec	0	—	0	—
6899 farm products nec	4	4	—	—
Total all manufactured equipment, machinery and products	24	7	16	—
7110 machinery (not elec)	5	2	3	—
7120 electrical machinery	2	0	2	—
7210 vehicles & parts	2	0	2	—
7230 ships & boats	0	0	0	—
7400 manufac. wood prod.	2	2	—	—
7500 textile products	3	2	1	—
7600 rubber & plastic pr.	1	1	1	—
7900 manufac. prod. nec	8	0	7	—
Total unknown or not elsewhere classified	47	41	7	—
9900 unknown or nec	47	41	7	—

DELAWARE RIVER AT CAMDEN, NJ (INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA TO THE SEA)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	2,508	270	266	779	1,077	115
Total petroleum and petroleum products	2,013	126	95	752	926	115
Subtotal petroleum products	2,013	126	95	752	926	115
2211 gasoline	173	41	7	96	29	—
2221 kerosene	8	—	—	8	—	—
2330 distillate fuel oil	239	—	7	144	83	5
2340 residual fuel oil	1,549	73	80	471	815	111
2350 lube oil & greases	1	—	0	1	—	—
2410 petro. jelly & waxes	0	—	0	—	—	—
2429 naphtha & solvents	20	—	—	20	—	—
2430 asphalt, tar & pitch	23	11	—	12	—	—
2540 petroleum coke	0	—	0	—	—	—
2640 liquid natural gas	0	—	0	—	—	—
Total chemicals and related products	60	19	15	26	—	—
Subtotal fertilizers	0	—	0	—	—	—
3190 fert. & mixes nec	0	—	0	—	—	—
Subtotal other chemicals and related products	60	19	15	26	—	—
3211 acyclic hydrocarbons	0	—	0	—	—	—
3219 other hydrocarbons	0	—	0	—	—	—
3220 alcohols	4	—	4	—	—	—
3230 carboxylic acids	0	—	0	—	—	—
3240 nitrogen func. comp.	0	—	0	—	—	—
3272 sulphuric acid	0	—	0	—	—	—
3273 ammonia	0	—	0	—	—	—
3274 sodium hydroxide	0	—	0	—	—	—
3275 inorg. elem., oxides, & halogen salts	4	—	4	—	—	—
3276 metallic salts	0	—	0	—	—	—
3279 inorganic chem. nec	0	—	0	—	—	—
3282 pigments & paints	0	—	0	—	—	—
3284 medicines	1	—	1	—	—	—
3285 perfumes & cleansers	1	—	1	—	—	—
3286 plastics	2	—	2	—	—	—
3291 pesticides	0	—	0	—	—	—
3292 starches, gluten, glue	0	—	0	—	—	—
3293 explosives	0	—	0	—	—	—
3297 chemical additives	26	—	—	26	—	—
3299 chem. products nec	22	19	2	—	—	—
Total crude materials, inedible except fuels	119	12	5	—	101	—
Subtotal forest products, wood and chips	2	1	2	—	—	—
4110 rubber & gums	1	1	0	—	—	—
4161 wood chips	0	—	0	—	—	—
4170 wood in the rough	0	—	0	—	—	—
4189 lumber	0	—	0	—	—	—
4190 forest products nec	1	—	1	—	—	—
Subtotal pulp and waste paper	11	11	0	—	—	—
4225 pulp & waste paper	11	11	0	—	—	—
Subtotal soil, sand, gravel, rock and stone	0	—	0	—	—	—
4322 limestone	0	—	0	—	—	—
4331 sand & gravel	0	—	0	—	—	—
Subtotal iron ore and scrap	101	—	—	—	101	—
4420 iron & steel scrap	101	—	—	—	101	—
Subtotal non-ferrous ores and scrap	0	—	0	—	—	—
4650 aluminum ore	0	—	0	—	—	—
Subtotal sulphur, clay and salt	0	0	0	—	—	—
4782 clay & refrac. mat.	0	0	0	—	—	—
Subtotal other non-metal. min.	3	—	3	—	—	—
4900 non-metal. min. nec	3	—	3	—	—	—
Total primary manufactured goods	127	5	71	—	51	—
Subtotal paper products	7	0	6	—	—	—
5110 newsprint	0	—	0	—	—	—
5120 paper & paperboard	2	0	2	—	—	—
5190 paper products nec	4	0	4	—	—	—
Subtotal lime, cement and glass	113	0	62	—	51	—
5220 cement & concrete	112	—	61	—	51	—
5240 glass & glass prod.	0	0	0	—	—	—
5290 misc. mineral prod.	1	0	1	—	—	—
Subtotal primary iron and steel products	1	—	1	—	—	—
5320 i&s primary forms	0	—	0	—	—	—
5330 i&s plates & sheets	0	—	0	—	—	—
5370 i&s pipe & tube	0	—	0	—	—	—
5390 primary i&s nec	1	—	1	—	—	—
Subtotal primary non-ferrous metal products	6	4	2	—	—	—
5422 aluminum	0	—	0	—	—	—
5429 smelted prod. nec	1	—	1	—	—	—
5480 fab. metal products	5	4	1	—	—	—
Subtotal primary wood products	0	0	0	—	—	—
5540 primary wood prod.	0	0	0	—	—	—
Total food and farm products	130	81	48	2	—	—
Subtotal grain	0	—	0	—	—	—
6445 oats	0	—	0	—	—	—

DELAWARE RIVER AT CAMDEN, NJ (INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA TO THE SEA)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Subtotal oilseeds	0	---	0	---	---	---
6521 peanuts	0	---	0	---	---	---
Subtotal vegetable products	2	0	2	---	---	---
6653 vegetable oils	0	0	0	---	---	---
6654 vegetables & prod.	2	---	2	---	---	---
Subtotal processed grain and animal feed	11	---	11	---	---	---
6746 wheat flour	0	---	0	---	---	---
6747 grain mill products	3	---	3	---	---	---
6781 hay & fodder	0	---	0	---	---	---
6782 animal feed, prep.	7	---	7	---	---	---
Subtotal other agricultural products	117	81	35	2	---	---
6811 meat, fresh, frozen	2	---	2	---	---	---
6817 meat, prepared	0	---	0	---	---	---
6822 dairy products	5	---	5	---	---	---
6835 fish, prepared	0	---	0	---	---	---
6838 tallow, animal oils	0	---	0	---	---	---
6839 animals & prod. nec	2	---	2	---	---	---
6857 fruit & nuts nec	0	---	0	---	---	---
6858 fruit juices	5	---	5	---	---	---
6871 coffee	0	---	0	---	---	---
6885 alcoholic beverages	2	---	2	---	---	---
6887 groceries	88	81	8	0	---	---
6888 water & ice	2	---	0	2	---	---
6889 food products nec	9	---	9	---	---	---
6891 tobacco & products	1	---	1	---	---	---
6893 cotton	0	---	0	---	---	---
Total all manufactured equipment, machinery and products	59	27	32	---	---	---
7110 machinery (not elec)	2	1	1	---	---	---
7120 electrical machinery	3	2	1	---	---	---
7210 vehicles & parts	15	1	13	---	---	---
7230 ships & boats	0	---	0	---	---	---
7400 manufac. wood prod.	3	---	3	---	---	---
7500 textile products	2	0	2	---	---	---
7600 rubber & plastic pr.	2	0	2	---	---	---
7900 manufac. prod. nec	32	22	10	---	---	---
Total unknown or not elsewhere classified	0	0	0	---	---	---
9900 unknown or nec	0	0	0	---	---	---

*Includes 33 (x1000) tons of foreign inbound in-transits; Includes 12 (x1000) tons of foreign outbound in-transits.

DELAWARE RIVER, TRENTON, NJ TO THE SEA (CONSOLIDATED REPORT)

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	113,484	1995	121,422	1998	116,029	2001	125,250
1993	120,824	1996	104,292	1999	111,241		
1994	120,692	1997	112,605	2000	123,850		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound*	Outbound*	Through		Inbound*	Outbound	Through Upbound
				Upbound*	Downbnd*			
Total, all commodities	83,101	72,912	839	4,229	789	3,929	55	348
Total coal	341	267	11	62	0	---	---	---
1100 coal lignite	341	267	11	62	0	---	---	---
1200 coal coke	0	---	0	---	0	---	---	---
Total petroleum and petroleum products	64,802	59,225	152	1,831	473	3,093	29	---
Subtotal crude petroleum	60,297	56,086	2	1,441	---	2,768	---	---
2100 crude petroleum	60,297	56,086	2	1,441	---	2,768	---	---
Subtotal petroleum products	4,506	3,139	149	390	473	325	29	---
2211 gasoline	235	228	0	---	0	6	---	---
2221 kerosene	0	---	0	---	0	---	---	---
2330 distillate fuel oil	657	552	44	---	---	32	29	---
2340 residual fuel oil	2,056	1,369	---	366	50	272	---	---
2350 lube oil & greases	68	25	40	0	3	---	---	---
2410 petro. jelly & waxes	99	94	5	0	0	---	---	---
2429 naphtha & solvents	847	830	2	---	0	15	---	---
2430 asphalt, tar & pitch	0	0	0	---	---	---	---	---
2540 petroleum coke	480	0	59	1	420	---	---	---
2640 liquid natural gas	64	41	0	22	0	---	---	---

DELAWARE RIVER, TRENTON, NJ TO THE SEA (CONSOLIDATED REPORT)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound*	Outbound*	Through		Inbound*	Outbound	Through
				Upbound*	Downbnd*			Upbound
Total chemicals and related products	1,408	870	287	171	17	26	---	38
Subtotal fertilizers	165	131	0	33	1	---	---	---
3110 nitrogenous fert.	150	123	0	28	0	---	---	---
3130 potassic fert.	0	0	0	---	---	---	---	---
3190 fert. & mixes nec	15	8	0	6	1	---	---	---
Subtotal other chemicals and related products	1,243	739	286	138	16	26	---	38
3211 acyclic hydrocarbons	14	0	14	---	0	---	---	---
3212 benzene & toluene	236	99	29	49	---	21	---	38
3219 other hydrocarbons	58	8	46	1	0	3	---	---
3220 alcohols	92	72	20	---	0	---	---	---
3230 carboxylic acids	52	43	3	5	0	---	---	---
3240 nitrogen func. comp.	9	2	7	---	0	---	---	---
3250 organo - inorg. comp.	3	3	0	---	0	---	---	---
3260 organic comp. nec	394	336	38	21	0	---	---	---
3272 sulphuric acid	0	0	0	---	0	---	---	---
3273 ammonia	0	---	0	---	---	---	---	---
3274 sodium hydroxide	40	37	0	---	0	2	---	---
3275 inorg. elem., oxides, & halogen salts	50	26	23	1	0	---	---	---
3276 metallic salts	82	21	2	56	3	---	---	---
3279 inorganic chem. nec	7	2	2	3	0	---	---	---
3281 radioactive material	1	1	0	---	---	---	---	---
3282 pigments & paints	6	3	2	---	1	---	---	---
3283 coloring mat. nec	4	3	1	---	0	---	---	---
3284 medicines	13	7	6	0	0	---	---	---
3285 perfumes & cleansers	14	5	7	0	2	0	---	---
3286 plastics	94	19	69	0	6	---	---	---
3291 pesticides	2	1	1	---	0	---	---	---
3292 starches, gluten, glue	39	35	2	0	2	---	---	---
3293 explosives	0	0	0	---	---	---	---	---
3297 chemical additives	1	0	1	---	0	---	---	---
3298 wood & resin chem.	4	4	0	---	---	---	---	---
3299 chem. products nec	28	11	15	0	2	---	---	---
Total crude materials, inedible except fuels	3,753	2,368	89	330	16	617	23	311
Subtotal forest products, wood and chips	148	125	6	0	3	0	---	14
4110 rubber & gums	3	2	0	---	0	---	---	---
4150 fuel wood	3	3	---	---	0	---	---	---
4161 wood chips	0	0	0	---	---	---	---	---
4170 wood in the rough	20	20	0	---	0	0	---	---
4189 lumber	115	93	5	0	3	0	---	14
4190 forest products nec	8	7	1	---	0	---	---	---
Subtotal pulp and waste paper	61	22	8	---	9	---	23	---
4225 pulp & waste paper	61	22	8	---	9	---	23	---
Subtotal soil, sand, gravel, rock and stone	1,044	147	1	---	1	598	---	297
4310 building stone	56	55	0	---	0	---	---	---
4322 limestone	4	3	0	---	0	---	---	---
4323 gypsum	983	88	0	---	0	598	---	297
4331 sand & gravel	1	0	1	---	0	---	---	---
Subtotal iron ore and scrap	157	85	67	5	---	---	---	---
4410 iron ore	90	85	---	5	---	---	---	---
4420 iron & steel scrap	67	0	67	---	---	---	---	---
Subtotal marine shells	0	---	---	0	0	---	---	---
4515 marine shells	0	---	---	0	0	---	---	---
Subtotal non-ferrous ores and scrap	57	19	2	35	0	---	---	---
4650 aluminum ore	7	---	0	7	---	---	---	---
4670 manganese ore	7	---	---	7	---	---	---	---
4680 non-ferrous scrap	1	1	0	---	---	---	---	---
4690 non-ferrous ores nec	41	18	2	21	0	---	---	---
Subtotal sulphur, clay and salt	34	1	1	32	0	0	---	---
4741 sulphur, (dry)	0	---	0	---	---	---	---	---
4782 clay & refrac. mat.	34	1	1	32	0	0	---	---
Subtotal slag	526	526	---	---	---	---	---	---
4860 slag	526	526	---	---	---	---	---	---
Subtotal other non-metal. min.	1,725	1,443	3	257	4	19	---	---
4900 non-metal. min. nec	1,725	1,443	3	257	4	19	---	---
Total primary manufactured goods	7,920	7,594	127	93	52	53	---	---
Subtotal paper products	1,358	1,208	53	0	43	53	---	---
5110 newsprint	83	28	0	---	2	53	---	---
5120 paper & paperboard	1,262	1,176	48	0	38	---	---	---
5190 paper products nec	13	5	5	0	3	---	---	---
Subtotal lime, cement and glass	407	387	17	0	2	---	---	---
5210 lime	0	---	0	---	0	---	---	---
5220 cement & concrete	346	346	0	---	0	---	---	---
5240 glass & glass prod.	16	10	6	0	0	---	---	---
5290 misc. mineral prod.	44	31	11	---	2	---	---	---
Subtotal primary iron and steel products	5,536	5,403	43	89	1	---	---	---

DELAWARE RIVER, TRENTON, NJ TO THE SEA (CONSOLIDATED REPORT)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian		
		Inbound*	Outbound*	Through		Inbound*	Outbound	Through Upbound
				Upbound*	Downbnd*			
5312 pig iron	4	0	3	—	0	—	—	—
5315 ferro alloys	19	19	0	0	—	—	—	—
5320 i&s primary forms	2,229	2,214	11	5	0	—	—	—
5330 i&s plates & sheets	2,890	2,855	18	17	0	—	—	—
5360 i&s bars & shapes	294	227	3	63	0	—	—	—
5370 i&s pipe & tube	88	77	7	4	0	—	—	—
5390 primary i&s nec	11	11	0	0	0	—	—	—
Subtotal primary non-ferrous metal products	260	238	13	4	5	—	—	—
5421 copper	9	9	0	—	0	—	—	—
5422 aluminum	8	5	2	0	0	—	—	—
5429 smelted prod. nec	29	24	5	0	—	—	—	—
5480 fab. metal products	214	199	6	4	4	—	—	—
Subtotal primary wood products	361	358	0	0	1	—	—	—
5540 primary wood prod.	361	358	0	0	1	—	—	—
Total food and farm products	4,012	2,277	56	1,569	81	28	—	—
Subtotal fish	30	11	6	9	4	—	—	—
6134 fish (not shellfish)	24	7	6	7	4	—	—	—
6136 shellfish	6	4	0	1	1	—	—	—
Subtotal grain	33	28	1	4	1	—	—	—
6241 wheat	0	0	—	—	—	—	—	—
6344 corn	31	27	0	4	0	—	—	—
6442 rice	1	1	0	—	0	—	—	—
6443 barley & rye	0	—	0	—	0	—	—	—
6445 oats	0	0	—	—	—	—	—	—
6447 sorghum grains	0	0	—	—	—	—	—	—
Subtotal oilseeds	9	9	0	—	0	—	—	—
6521 peanuts	0	0	—	—	—	—	—	—
6522 soybeans	7	7	0	—	—	—	—	—
6534 flaxseed	0	—	—	—	0	—	—	—
6590 oilseeds nec	1	1	—	—	0	—	—	—
Subtotal vegetable products	110	44	4	48	14	—	—	—
6653 vegetable oils	18	17	0	—	1	—	—	—
6654 vegetables & prod.	92	27	4	48	13	—	—	—
Subtotal processed grain and animal feed	26	8	4	1	13	—	—	—
6746 wheat flour	1	0	—	—	1	—	—	—
6747 grain mill products	5	1	1	—	3	—	—	—
6781 hay & fodder	1	0	—	—	1	—	—	—
6782 animal feed, prep.	19	7	3	1	9	—	—	—
Subtotal other agricultural products	3,803	2,178	41	1,507	49	28	—	—
6811 meat, fresh, frozen	461	300	11	143	6	0	—	—
6817 meat, prepared	23	23	0	—	0	—	—	—
6822 dairy products	132	122	6	—	5	—	—	—
6835 fish, prepared	2	2	0	0	0	—	—	—
6838 tallow, animal oils	1	—	0	—	0	—	—	—
6839 animals & prod. nec	21	16	1	4	1	—	—	—
6856 bananas & plantains	1,492	547	0	942	3	—	—	—
6857 fruit & nuts nec	1,004	716	1	278	8	—	—	—
6858 fruit juices	187	49	2	134	2	—	—	—
6861 sugar	1	1	0	—	0	—	—	—
6865 molasses	5	5	—	—	—	—	—	—
6871 coffee	12	12	0	—	0	—	—	—
6872 cocoa beans	249	248	1	0	0	—	—	—
6885 alcoholic beverages	47	43	1	0	2	—	—	—
6888 water & ice	2	0	0	—	1	—	—	—
6889 food products nec	145	79	16	5	18	28	—	—
6891 tobacco & products	7	5	2	0	0	—	—	—
6893 cotton	1	1	—	—	1	—	—	—
6894 natural fibers nec	0	—	0	—	—	—	—	—
6899 farm products nec	12	11	0	1	0	—	—	—
Total all manufactured equipment, machinery and products	713	202	96	169	135	111	—	—
7110 machinery (not elec)	78	50	18	2	8	—	—	—
7120 electrical machinery	35	10	18	2	4	—	—	—
7210 vehicles & parts	322	48	10	161	103	—	—	—
7220 aircraft & parts	0	0	0	0	0	—	—	—
7230 ships & boats	1	0	0	0	0	—	—	—
7300 ordnance & access.	0	0	0	—	—	—	—	—
7400 manufac. wood prod.	10	8	1	0	1	—	—	—
7500 textile products	32	12	8	1	11	—	—	—
7600 rubber & plastic pr.	30	17	10	0	3	—	—	—
7900 manufac. prod. nec	205	55	31	2	6	111	—	—
Total unknown or not elsewhere classified	152	109	22	5	14	0	2	—
9900 unknown or nec	152	109	22	5	14	0	2	—
Ton-miles (x1000) Foreign & Canadian	7,044,198	6,239,752	82,313	302,193	56,498	332,634	5,287	25,521

DELAWARE RIVER, TRENTON, NJ TO THE SEA (CONSOLIDATED REPORT)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	15,728	2,906	6,248	1,926	4,648
Total coal	1,514	8	0	8	1,499
1100 coal lignite	1,514	8	0	8	1,499
Total petroleum and petroleum products	11,149	1,840	5,596	1,354	2,360
Subtotal crude petroleum	342	34	307	—	—
2100 crude petroleum	342	34	307	—	—
Subtotal petroleum products	10,807	1,805	5,288	1,354	2,360
2211 gasoline	2,741	342	1,398	688	314
2221 kerosene	30	14	17	—	—
2330 distillate fuel oil	2,384	596	1,531	101	157
2340 residual fuel oil	3,932	457	1,341	294	1,840
2350 lube oil & greases	299	197	98	—	4
2410 petro. jelly & waxes	82	30	0	53	—
2429 naphtha & solvents	266	129	121	8	8
2430 asphalt, tar & pitch	1,047	42	758	210	37
2540 petroleum coke	0	—	0	—	—
2640 liquid natural gas	1	0	0	—	—
2990 petro. products nec	25	—	25	—	0
Total chemicals and related products	1,228	869	290	45	24
Subtotal fertilizers	0	—	0	—	—
3110 nitrogenous fert.	0	—	0	—	—
3130 potassic fert.	0	—	0	—	—
3190 fert. & mixes nec	0	—	0	—	—
Subtotal other chemicals and related products	1,228	869	290	45	24
3211 acyclic hydrocarbons	0	—	0	—	—
3212 benzene & toluene	45	—	45	—	—
3219 other hydrocarbons	26	0	26	—	0
3220 alcohols	104	32	63	—	8
3230 carboxylic acids	17	13	4	—	—
3240 nitrogen func. comp.	0	—	0	—	—
3250 organo - inorg. comp.	0	0	0	—	—
3260 organic comp. nec	98	0	98	—	—
3272 sulphuric acid	3	0	0	—	2
3273 ammonia	0	—	0	—	—
3274 sodium hydroxide	251	211	0	35	5
3275 inorg. elem., oxides, & halogen salts	6	1	5	—	0
3276 metallic salts	1	—	1	—	—
3279 inorganic chem. nec	0	—	0	—	—
3282 pigments & paints	2	0	1	—	—
3283 coloring mat. nec	1	0	1	—	—
3284 medicines	28	22	6	—	—
3285 perfumes & cleansers	11	2	10	—	—
3286 plastics	8	0	8	—	—
3291 pesticides	0	—	0	—	—
3292 starches, gluten, glue	1	0	1	—	—
3293 explosives	0	—	0	—	—
3297 chemical additives	588	553	17	10	8
3298 wood & resin chem.	0	—	0	—	—
3299 chem. products nec	36	33	3	—	—
Total crude materials, inedible except fuels	113	13	11	6	83
Subtotal forest products, wood and chips	3	1	2	—	—
4110 rubber & gums	1	1	0	—	—
4150 fuel wood	0	—	0	—	—
4161 wood chips	0	—	0	—	—
4170 wood in the rough	0	—	0	—	—
4189 lumber	0	—	0	—	—
4190 forest products nec	1	0	1	—	—
Subtotal pulp and waste paper	11	11	0	—	—
4225 pulp & waste paper	11	11	0	—	—
Subtotal soil, sand, gravel, rock and stone	85	0	2	—	83
4310 building stone	0	0	—	—	—
4322 limestone	84	—	2	—	83
4331 sand & gravel	0	—	0	—	—
Subtotal iron ore and scrap	6	0	0	6	—
4420 iron & steel scrap	6	0	0	6	—
Subtotal non-ferrous ores and scrap	1	1	0	—	—
4650 aluminum ore	0	—	0	—	—
4680 non-ferrous scrap	1	1	—	—	—
Subtotal sulphur, clay and salt	0	0	0	—	—
4741 sulphur, (dry)	0	—	0	—	—
4782 clay & refrac. mat.	0	0	0	—	—
Subtotal other non-metal. min.	6	0	6	—	—
4900 non-metal. min. nec	6	0	6	—	—
Total primary manufactured goods	747	7	96	494	150
Subtotal paper products	20	2	18	—	—
5110 newsprint	0	—	0	—	—
5120 paper & paperboard	9	0	9	—	—
5190 paper products nec	10	2	9	—	—

DELAWARE RIVER, TRENTON, NJ TO THE SEA (CONSOLIDATED REPORT)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Subtotal lime, cement and glass	645	1	65	429	150
5220 cement & concrete	640	—	62	429	150
5240 glass & glass prod.	3	0	3	—	—
5290 misc. mineral prod.	1	0	1	—	—
Subtotal primary iron and steel products	55	0	6	49	—
5320 i&s primary forms	0	—	0	—	—
5330 i&s plates & sheets	0	—	0	—	—
5360 i&s bars & shapes	1	0	1	—	—
5370 i&s pipe & tube	4	—	4	—	—
5390 primary i&s nec	50	0	1	49	—
Subtotal primary non-ferrous metal products	27	5	5	16	0
5421 copper	16	0	0	16	—
5422 aluminum	1	0	0	—	—
5429 smelted prod. nec	1	—	1	—	—
5480 fab. metal products	9	4	4	0	0
Subtotal primary wood products	1	0	1	—	—
5540 primary wood prod.	1	0	1	—	—
Total food and farm products	803	121	148	12	521
Subtotal fish	7	7	0	—	—
6134 fish (not shellfish)	7	7	0	—	—
6136 shellfish	0	—	0	—	—
Subtotal grain	0	—	0	—	—
6344 corn	0	—	0	—	—
6445 oats	0	—	0	—	—
Subtotal oilseeds	0	0	0	—	—
6521 peanuts	0	—	0	—	—
6590 oilseeds nec	0	0	0	—	—
Subtotal vegetable products	21	5	16	—	—
6653 vegetable oils	1	0	0	—	—
6654 vegetables & prod.	21	5	16	—	—
Subtotal processed grain and animal feed	15	1	14	—	—
6746 wheat flour	0	—	0	—	—
6747 grain mill products	5	0	5	—	—
6781 hay & fodder	1	0	1	—	—
6782 animal feed, prep.	9	1	8	—	—
Subtotal other agricultural products	760	109	117	12	521
6811 meat, fresh, frozen	7	0	7	—	—
6817 meat, prepared	4	—	4	—	—
6822 dairy products	13	—	13	—	—
6835 fish, prepared	5	5	0	—	—
6838 tallow, animal oils	0	—	0	—	—
6839 animals & prod. nec	6	—	6	—	—
6857 fruit & nuts nec	3	2	1	—	—
6858 fruit juices	13	1	12	—	—
6861 sugar	12	—	0	12	—
6871 coffee	0	0	0	—	—
6872 cocoa beans	8	8	—	—	—
6885 alcoholic beverages	2	0	2	—	—
6887 groceries	113	81	32	—	—
6888 water & ice	1	0	1	—	—
6889 food products nec	570	11	38	—	521
6891 tobacco & products	3	2	1	—	—
6893 cotton	0	0	0	—	—
6899 farm products nec	0	—	0	—	—
Total all manufactured equipment, machinery and products	172	47	107	7	11
7110 machinery (not elec)	6	3	3	—	—
7120 electrical machinery	9	7	2	—	—
7210 vehicles & parts	16	1	15	—	—
7220 aircraft & parts	0	—	0	—	—
7230 ships & boats	0	—	0	—	0
7400 manufac. wood prod.	6	0	6	—	—
7500 textile products	8	2	6	—	—
7600 rubber & plastic pr.	10	2	8	—	—
7800 empty containers	0	0	0	—	—
7900 manufac. prod. nec	116	32	66	7	11
Total waste and scrap nec	0	0	0	—	—
8900 waste and scrap nec	0	0	0	—	—
Total unknown or not elsewhere classified	2	1	1	—	—
9900 unknown or nec	2	1	1	—	—
Ton-miles (x1000)	1,239,649	258,741	495,948	128,135	356,824
Coastwise					

DELAWARE RIVER, TRENTON, NJ TO THE SEA (CONSOLIDATED REPORT)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	26,421	3,234	1,104	706	2,734	140	795	15,868	1,841
Total coal	1,476	1,451	---	---	---	2	8	15	---
1100 coal lignite	1,476	1,451	---	---	---	2	8	15	---
Total petroleum and petroleum products	22,796	1,176	1,055	638	2,149	138	715	15,408	1,518
Subtotal crude petroleum	13,609	---	18	47	19	---	---	13,525	---
2100 crude petroleum	13,609	---	18	47	19	---	---	13,525	---
Subtotal petroleum products	9,188	1,176	1,037	591	2,130	138	715	1,883	1,518
2211 gasoline	2,145	280	67	141	425	86	317	672	156
2221 kerosene	121	13	36	8	5	---	4	47	8
2330 distillate fuel oil	2,146	301	376	175	280	15	74	562	362
2340 residual fuel oil	3,653	533	539	136	684	22	299	494	945
2350 lube oil & greases	10	---	---	---	---	---	---	6	4
2429 naphtha & solvents	299	36	18	69	24	14	21	83	34
2430 asphalt, tar & pitch	814	12	---	62	711	---	---	20	9
Total chemicals and related products	1,970	607	39	68	431	---	71	443	311
Subtotal fertilizers	24	24	---	---	---	---	---	---	---
3110 nitrogenous fert.	24	24	---	---	---	---	---	---	---
Subtotal other chemicals and related products	1,946	583	39	68	431	---	71	443	311
3212 benzene & toluene	76	3	---	27	27	---	---	---	19
3219 other hydrocarbons	681	512	---	20	20	---	---	114	15
3220 alcohols	302	---	---	---	210	---	62	19	11
3260 organic comp. nec	136	0	---	---	---	---	---	---	135
3272 sulphuric acid	26	---	---	---	25	---	---	---	2
3274 sodium hydroxide	40	---	---	---	11	---	---	3	26
3276 metallic salts	123	---	---	---	123	---	---	---	---
3297 chemical additives	563	68	39	21	15	---	9	307	103
Total crude materials, inedible except fuels	111	---	10	---	101	---	---	---	---
Subtotal forest products, wood and chips	0	---	---	---	0	---	---	---	---
4189 lumber	0	---	---	---	0	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	10	---	10	---	---	---	---	---	---
4331 sand & gravel	10	---	10	---	---	---	---	---	---
Subtotal iron ore and scrap	101	---	---	---	101	---	---	---	---
4420 iron & steel scrap	101	---	---	---	101	---	---	---	---
Total primary manufactured goods	51	---	---	---	51	---	---	---	---
Subtotal lime, cement and glass	51	---	---	---	51	---	---	---	---
5220 cement & concrete	51	---	---	---	51	---	---	---	---
5290 misc. mineral prod.	0	---	---	---	0	---	---	---	---
Total food and farm products	15	---	---	---	---	---	---	3	12
Subtotal other agricultural products	15	---	---	---	---	---	---	3	12
6887 groceries	2	---	---	---	---	---	---	0	2
6888 water & ice	13	---	---	---	---	---	---	3	10
Total all manufactured equipment, machinery and products	2	0	---	---	2	---	---	0	0
7110 machinery (not elec)	0	---	---	---	0	---	---	---	---
7120 electrical machinery	0	0	---	---	---	---	---	---	---
7400 manufac. wood prod.	0	---	---	---	0	---	---	---	---
7900 manufac. prod. nec	2	---	---	---	1	---	---	0	0
Ton-miles Internal (x1000)	1,187,098	98,316	14,298	10,123	55,061	3,281	19,648	961,947	24,424
Tons All Traffic (x1000)		125,250							
Ton-miles All Traffic (x1000)		9,470,944							

*Includes 295 (x1000) tons of foreign inbound in-transits; Includes 42 (x1000) tons of foreign outbound in-transits;
Includes 0 (x1000) tons of Canadian inbound in-transits. Includes 59 (x1000) tons of foreign upbound through in-transits;
Includes 113 (x1000) tons of foreign downbound through in-transits

SUMMARY OF TRAFFIC DELAWARE RIVER AND TRIBUTARIES, TRENTON, NJ TO THE SEA

Freight Traffic, 2001
(thousand short tons)

Locality	Total	*Foreign-Canadian		Coastwise		Domestic		
		Inbound	Outbound	Receipts	Shipmnts	Internal		Intraport
						Receipts	Shipments	
ARTIFICIAL ISLAND NJ AND VICINITY	64	2	52	---	---	8	2	---
BORDENTOWN-FIELDSBORO NJ	---	---	---	---	---	---	---	---
BRISTOL PA AND VICINITY	27	---	---	---	---	19	8	---
BURLINGTON-FLORENCE-ROEBLING NJ	630	343	---	13	---	253	21	---
CAMDEN-GLOUCESTER NJ	5,126	2,498	120	270	266	779	1,077	115
CHESTER AREA, PA	3,989	3,492	162	---	---	210	126	---
LOWER DELAWARE BAY DEL	23,433	10,575	---	---	307	118	12,433	---
LOWER DELAWARE BAY NJ	1,322	---	---	---	---	---	1,322	---
MARCUS HOOK, PA	19,124	8,231	15	544	1,005	6,412	2,844	73
NEW CASTLE AREA, DE	8,560	3,384	1	438	2,010	2,338	388	---
PAULSBORO, NJ	21,261	12,811	107	806	2,292	2,932	2,130	182
PENN MANOR AREA, PA	3,326	3,215	15	---	---	95	---	---
PENNSGROVE-CARNEY POINT NJ	507	---	---	8	---	500	---	---
PHILADELPHIA HARBOR, PA	46,372	32,420	523	983	2,388	6,543	2,408	1,108
RIVERTON-DELANCO-BEVERLY NJ	---	---	---	---	---	---	---	---
THOMPSON POINT NJ AND VICINITY	25	---	---	---	---	25	---	---
TRENTON HARBOR, NJ	1,373	---	---	5	---	1,368	---	---
WILMINGTON HARBOR, DE	6,420	4,447	687	111	26	715	380	54
TOTAL (UNADJUSTED)	141,560	81,418	1,683	3,177	8,295	22,317	23,139	1,532
NET VOLUME OF TONNAGE FOR THE AREA	121,368	81,418	1,683	3,177	8,295	25,264	1,532	---

*Overseas foreign and candian tonnage

SCHUYLKILL RIVER, PA (INCLUDED IN PHILADELPHIA HARBOR,PA)

Section Included: Delaware River to University Avenue Bridge, Philadelphia, 6.5 miles. Controlling Depth: In middle half of channel Nov. 1989, 23.1 feet to upper end of Berth #1, Arco Ballast Wharf, Nov. 1989, 16.3 feet to Passyunk Avenue Bridge, (minimum depth in right outside quarter 30.8 feet), 4 miles; thence in Oct. 1989, 14.9 feet to Gibson Point, 1 mile; thence in Oct. 1989, 9.2 feet to University Avenue Bridge; 1.5 miles. Project Depth: 33 feet to Passyunk Avenue Bridge; thence 26 feet to Gibson Point; and thence 22 feet to University Avenue Bridge.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	8,167	1995	7,796	1998	7,508	2001	6,204
1993	9,119	1996	6,476	1999	6,624		
1994	8,725	1997	6,993	2000	5,847		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound	Outbound	Inbound
Total, all commodities	179	92	50	38
Total petroleum and petroleum products	72	22	50	---
Subtotal petroleum products	72	22	50	---
2340 residual fuel oil	50	---	50	---
2640 liquid natural gas	22	22	---	---
Total chemicals and related products	107	69	---	38
Subtotal other chemicals and related products	107	69	---	38
3212 benzene & toluene	87	49	---	38
3219 other hydrocarbons	1	1	---	---
3230 carboxylic acids	5	5	---	---
3260 organic comp. nec	14	14	---	---
Ton-miles (x1000)	717	367	199	151
Foreign & Canadian				

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra	
Total, all commodities	6,025	169	2,021	814	2,689	330	3
Total petroleum and petroleum products	5,233	165	2,013	739	1,995	319	2
Subtotal crude petroleum	18	---	---	---	18	---	---
2100 crude petroleum	18	---	---	---	18	---	---
Subtotal petroleum products	5,215	165	2,013	739	1,977	319	2

SCHUYLKILL RIVER, PA (INCLUDED IN PHILADELPHIA HARBOR, PA)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
2211 gasoline	842	29	140	168	350	155	1
2221 kerosene	74	—	—	8	52	13	—
2330 distillate fuel oil	1,081	—	149	213	596	122	1
2340 residual fuel oil	2,949	82	1,724	194	934	16	—
2429 naphtha & solvents	161	8	—	93	46	14	—
2430 asphalt, tar & pitch	108	46	—	62	—	—	—
Total chemicals and related products	792	4	8	75	694	11	1
Subtotal other chemicals and related products	792	4	8	75	694	11	1
3212 benzene & toluene	37	—	—	34	3	—	—
3219 other hydrocarbons	532	—	—	20	512	—	—
3220 alcohols	62	—	—	—	62	—	—
3260 organic comp. nec	0	—	—	—	0	—	—
3297 chemical additives	161	4	8	21	117	11	1
Ton-miles (x1000)	23,355	672	8,048	3,486	10,575	569	5
Domestic							
Tons All Traffic (x1000)	6,204						
Ton-miles All Traffic (x1000)	24,072						

PHILADELPHIA HARBOR, PA (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA AND TRENTON, NJ; DELAWARE RIVER, PHILADELPHIA, PA TO THE SEA AND SCHUYLKILL RIVER, PA)

Section Included: Delaware River from the lower dock at Hog Island, below the mouth of Schuylkill River, to the mouth of Poquessing Creek, the upper limit of the city, 23 miles and Schuylkill River from its mouth to Fairmount Dam, 8.4 miles. For maintained depth see tables of individual referenced projects.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	39,667	1995	40,634	1998	47,466	2001	46,372
1993	42,708	1996	41,882	1999	39,271		
1994	40,746	1997	44,968	2000	40,824		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total, all commodities	32,943	32,014	500	405	23
Total coal	0	0	—	—	—
1100 coal lignite	0	0	—	—	—
Total petroleum and petroleum products	24,486	24,056	118	312	—
Subtotal crude petroleum	23,605	23,308	—	297	—
2100 crude petroleum	23,605	23,308	—	297	—
Subtotal petroleum products	881	748	118	15	—
2211 gasoline	118	118	—	—	—
2221 kerosene	0	—	0	—	—
2330 distillate fuel oil	108	86	22	—	—
2340 residual fuel oil	178	129	50	—	—
2350 lube oil & greases	28	19	9	—	—
2410 petro. jelly & waxes	27	26	1	—	—
2429 naphtha & solvents	354	337	2	15	—
2430 asphalt, tar & pitch	0	0	0	—	—
2540 petroleum coke	34	0	34	—	—
2640 liquid natural gas	34	34	0	—	—
Total chemicals and related products	727	536	151	40	—
Subtotal fertilizers	123	122	0	—	—
3110 nitrogenous fert.	120	120	0	—	—
3190 fert. & mixes nec	3	3	0	—	—
Subtotal other chemicals and related products	605	413	151	40	—
3211 acyclic hydrocarbons	11	0	11	—	—
3212 benzene & toluene	150	95	17	38	—
3219 other hydrocarbons	17	4	13	—	—
3220 alcohols	57	42	15	—	—
3230 carboxylic acids	45	44	1	—	—
3240 nitrogen func. comp.	3	1	2	—	—
3250 organo - inorg. comp.	1	1	0	—	—
3260 organic comp. nec	155	119	36	—	—
3272 sulphuric acid	0	0	0	—	—
3273 ammonia	0	—	0	—	—
3274 sodium hydroxide	40	37	0	2	—
3275 inorg. elem., oxides, & halogen salts	22	13	9	—	—
3276 metallic salts	3	3	1	—	—
3279 inorganic chem. nec	2	1	1	—	—
3281 radioactive material	1	0	0	—	—

PHILADELPHIA HARBOR, PA (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA AND TRENTON, NJ; DELAWARE RIVER, PHILADELPHIA, PA TO THE SEA AND SCHUYLKILL RIVER, PA)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
3282 pigments & paints	3	1	1	—	—
3283 coloring mat. nec	1	1	0	—	—
3284 medicines	4	2	2	—	—
3285 perfumes & cleansers	6	2	3	0	—
3286 plastics	36	5	31	—	—
3291 pesticides	1	0	1	—	—
3292 starches, gluten, glue	35	34	1	—	—
3293 explosives	0	0	0	—	—
3297 chemical additives	1	0	1	—	—
3298 wood & resin chem.	4	4	0	—	—
3299 chem. products nec	9	4	6	—	—
Total crude materials, inedible except fuels	854	766	65	0	23
Subtotal forest products, wood and chips	90	85	5	0	—
4110 rubber & gums	1	1	0	—	—
4150 fuel wood	3	3	—	—	—
4161 wood chips	0	—	0	—	—
4170 wood in the rough	17	17	0	0	—
4189 lumber	62	58	4	0	—
4190 forest products nec	7	6	1	—	—
Subtotal pulp and waste paper	52	22	8	—	23
4225 pulp & waste paper	52	22	8	—	23
Subtotal soil, sand, gravel, rock and stone	2	1	1	—	—
4310 building stone	0	0	0	—	—
4322 limestone	0	0	—	—	—
4323 gypsum	0	—	0	—	—
4331 sand & gravel	1	0	1	—	—
Subtotal iron ore and scrap	134	85	49	—	—
4410 iron ore	85	85	—	—	—
4420 iron & steel scrap	49	—	49	—	—
Subtotal non-ferrous ores and scrap	10	10	1	—	—
4650 aluminum ore	0	—	0	—	—
4680 non-ferrous scrap	1	0	0	—	—
4690 non-ferrous ores nec	10	9	1	—	—
Subtotal sulphur, clay and salt	0	0	0	0	—
4782 clay & refrac. mat.	0	0	0	0	—
Subtotal slag	364	364	—	—	—
4860 slag	364	364	—	—	—
Subtotal other non-metal. min.	201	199	2	—	—
4900 non-metal. min. nec	201	199	2	—	—
Total primary manufactured goods	4,917	4,793	71	53	—
Subtotal paper products	1,276	1,180	42	53	—
5110 newsprint	70	16	0	53	—
5120 paper & paperboard	1,200	1,159	41	—	—
5190 paper products nec	6	4	1	—	—
Subtotal lime, cement and glass	23	15	9	—	—
5210 lime	0	—	0	—	—
5220 cement & concrete	0	—	0	—	—
5240 glass & glass prod.	10	6	4	—	—
5290 misc. mineral prod.	14	9	5	—	—
Subtotal primary iron and steel products	3,342	3,330	12	—	—
5312 pig iron	2	0	2	—	—
5315 ferro alloys	7	7	0	—	—
5320 i&s primary forms	914	911	2	—	—
5330 i&s plates & sheets	2,302	2,298	4	—	—
5360 i&s bars & shapes	68	67	1	—	—
5370 i&s pipe & tube	43	40	3	—	—
5390 primary i&s nec	7	7	0	—	—
Subtotal primary non-ferrous metal products	156	149	7	—	—
5421 copper	8	8	0	—	—
5422 aluminum	4	3	1	—	—
5429 smelted prod. nec	11	9	2	—	—
5480 fab. metal products	133	129	4	—	—
Subtotal primary wood products	120	120	0	—	—
5540 primary wood prod.	120	120	0	—	—
Total food and farm products	1,692	1,657	35	0	—
Subtotal fish	17	11	6	—	—
6134 fish (not shellfish)	13	7	6	—	—
6136 shellfish	4	4	0	—	—
Subtotal grain	20	20	0	—	—
6241 wheat	0	0	—	—	—
6344 corn	19	19	0	—	—
6442 rice	1	1	0	—	—
6447 sorghum grains	0	0	—	—	—
Subtotal oilseeds	9	9	—	—	—
6521 peanuts	0	0	—	—	—
6522 soybeans	7	7	—	—	—
6590 oilseeds nec	1	1	—	—	—
Subtotal vegetable products	27	25	2	—	—
6653 vegetable oils	0	0	0	—	—
6654 vegetables & prod.	27	25	2	—	—
Subtotal processed grain and animal feed	11	8	3	—	—
6747 grain mill products	2	1	1	—	—
6781 hay & fodder	0	0	—	—	—

PHILADELPHIA HARBOR, PA (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA AND TRENTON, NJ; DELAWARE RIVER, PHILADELPHIA, PA TO THE SEA AND SCHUYLKILL RIVER, PA)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
6782 animal feed, prep.	9	7	2	—	—
Subtotal other agricultural products	1,609	1,585	24	0	—
6811 meat, fresh, frozen	311	300	11	0	—
6817 meat, prepared	23	23	0	—	—
6822 dairy products	122	121	1	—	—
6835 fish, prepared	2	2	0	—	—
6838 tallow, animal oils	0	—	0	—	—
6839 animals & prod. nec	16	16	1	—	—
6856 bananas & plantains	326	326	0	—	—
6857 fruit & nuts nec	440	440	1	—	—
6858 fruit juices	33	33	1	—	—
6861 sugar	1	1	0	—	—
6865 molasses	5	5	—	—	—
6871 coffee	12	12	0	—	—
6872 cocoa beans	222	222	0	—	—
6885 alcoholic beverages	31	31	0	—	—
6888 water & ice	0	0	—	—	—
6889 food products nec	54	47	7	—	—
6891 tobacco & products	4	3	1	—	—
6893 cotton	0	0	—	—	—
6894 natural fibers nec	0	—	0	—	—
6899 farm products nec	5	5	0	—	—
Total all manufactured equipment, machinery and products	198	151	47	0	—
7110 machinery (not elec)	42	33	9	—	—
7120 electrical machinery	14	8	7	—	—
7210 vehicles & parts	44	40	5	—	—
7220 aircraft & parts	0	0	0	—	—
7230 ships & boats	1	0	0	—	—
7300 ordnance & access.	0	0	0	—	—
7400 manufac. wood prod.	6	6	0	—	—
7500 textile products	12	9	3	—	—
7600 rubber & plastic pr.	16	10	6	—	—
7900 manufac. prod. nec	62	46	16	0	—
Total unknown or not elsewhere classified	68	55	13	0	—
9900 unknown or nec	68	55	13	0	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	13,429	983	2,388	6,543	2,408	1,108
Total coal	15	—	0	—	—	15
1100 coal lignite	15	—	0	—	—	15
Total petroleum and petroleum products	11,371	598	2,014	6,340	2,001	418
Subtotal crude petroleum	5,255	—	—	5,236	18	—
2100 crude petroleum	5,255	—	—	5,236	18	—
Subtotal petroleum products	6,116	598	2,014	1,103	1,983	418
2211 gasoline	1,021	172	140	203	337	170
2221 kerosene	88	14	—	8	48	17
2330 distillate fuel oil	1,295	139	149	265	559	183
2340 residual fuel oil	3,394	191	1,724	455	998	25
2350 lube oil & greases	24	14	1	5	3	2
2410 petro. jelly & waxes	14	14	0	—	—	—
2429 naphtha & solvents	173	8	0	105	38	22
2430 asphalt, tar & pitch	108	46	—	62	—	—
2540 petroleum coke	0	—	0	—	—	—
2640 liquid natural gas	1	0	0	—	—	—
2990 petro. products nec	0	—	0	—	—	—
Total chemicals and related products	1,757	321	168	203	392	673
Subtotal fertilizers	24	—	0	24	—	—
3110 nitrogenous fert.	24	—	0	24	—	—
3130 potassic fert.	0	—	0	—	—	—
3190 fert. & mixes nec	0	—	0	—	—	—
Subtotal other chemicals and related products	1,733	321	168	179	392	673
3212 benzene & toluene	46	—	9	34	—	3
3219 other hydrocarbons	660	0	18	119	—	523
3220 alcohols	265	17	6	4	238	—
3230 carboxylic acids	17	13	3	—	—	—
3240 nitrogen func. comp.	0	—	0	—	—	—
3250 organo - inorg. comp.	0	0	0	—	—	—
3260 organic comp. nec	233	0	98	—	—	136
3272 sulphuric acid	0	0	0	—	—	—
3273 ammonia	0	—	0	—	—	—
3274 sodium hydroxide	250	211	0	1	37	—
3275 inorg. elem., oxides, & halogen salts	1	1	1	—	—	—
3276 metallic salts	1	—	1	—	—	—

PHILADELPHIA HARBOR, PA (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA AND TRENTON, NJ; DELAWARE RIVER, PHILADELPHIA, PA TO THE SEA AND SCHUYLKILL RIVER, PA)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
3279 inorganic chem. nec	0	—	0	—	—	—
3282 pigments & paints	1	0	1	—	—	—
3283 coloring mat. nec	1	0	1	—	—	—
3284 medicines	28	22	5	—	—	—
3285 perfumes & cleansers	10	2	9	—	—	—
3286 plastics	6	0	6	—	—	—
3291 pesticides	0	—	0	—	—	—
3292 starches, gluten, glue	1	0	1	—	—	—
3293 explosives	0	—	0	—	—	—
3297 chemical additives	196	40	8	21	117	12
3298 wood & resin chem.	0	—	0	—	—	—
3299 chem. products nec	14	14	1	—	—	—
Total crude materials, inedible except fuels	6	1	5	—	—	—
Subtotal forest products, wood and chips	1	0	1	—	—	—
4110 rubber & gums	0	0	0	—	—	—
4150 fuel wood	0	—	0	—	—	—
4161 wood chips	0	—	0	—	—	—
4189 lumber	0	—	0	—	—	—
4190 forest products nec	1	0	1	—	—	—
Subtotal pulp and waste paper	0	0	—	—	—	—
4225 pulp & waste paper	0	0	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	2	0	2	—	—	—
4310 building stone	0	0	—	—	—	—
4322 limestone	2	—	2	—	—	—
4331 sand & gravel	0	—	0	—	—	—
Subtotal iron ore and scrap	0	0	0	—	—	—
4420 iron & steel scrap	0	0	0	—	—	—
Subtotal non-ferrous ores and scrap	1	1	0	—	—	—
4650 aluminum ore	0	—	0	—	—	—
4680 non-ferrous scrap	1	1	—	—	—	—
Subtotal sulphur, clay and salt	0	0	0	—	—	—
4741 sulphur, (dry)	0	—	0	—	—	—
4782 clay & refrac. mat.	0	0	0	—	—	—
Subtotal other non-metal. min.	2	0	2	—	—	—
4900 non-metal. min. nec	2	0	2	—	—	—
Total primary manufactured goods	27	2	24	—	—	—
Subtotal paper products	13	1	12	—	—	—
5110 newsprint	0	—	0	—	—	—
5120 paper & paperboard	6	—	6	—	—	—
5190 paper products nec	6	1	5	—	—	—
Subtotal lime, cement and glass	4	0	3	—	—	—
5220 cement & concrete	1	—	1	—	—	—
5240 glass & glass prod.	2	0	2	—	—	—
5290 misc. mineral prod.	0	0	0	—	—	—
Subtotal primary iron and steel products	5	0	5	—	—	—
5330 i&s plates & sheets	0	—	0	—	—	—
5360 i&s bars & shapes	1	0	1	—	—	—
5370 i&s pipe & tube	4	—	4	—	—	—
5390 primary i&s nec	1	0	1	—	—	—
Subtotal primary non-ferrous metal products	4	0	4	—	—	—
5421 copper	0	0	0	—	—	—
5422 aluminum	0	0	0	—	—	—
5429 smelted prod. nec	1	—	1	—	—	—
5480 fab. metal products	3	0	3	—	—	—
Subtotal primary wood products	0	—	0	—	—	—
5540 primary wood prod.	0	—	0	—	—	—
Total food and farm products	156	41	100	—	13	2
Subtotal fish	7	7	0	—	—	—
6134 fish (not shellfish)	7	7	0	—	—	—
6136 shellfish	0	—	0	—	—	—
Subtotal grain	0	—	0	—	—	—
6344 corn	0	—	0	—	—	—
Subtotal oilseeds	0	0	0	—	—	—
6590 oilseeds nec	0	0	0	—	—	—
Subtotal vegetable products	19	5	14	—	—	—
6653 vegetable oils	0	0	0	—	—	—
6654 vegetables & prod.	19	5	14	—	—	—
Subtotal processed grain and animal feed	4	1	4	—	—	—
6746 wheat flour	0	—	0	—	—	—
6747 grain mill products	3	0	3	—	—	—
6781 hay & fodder	0	0	0	—	—	—
6782 animal feed, prep.	2	1	1	—	—	—
Subtotal other agricultural products	125	28	82	—	13	2
6811 meat, fresh, frozen	5	0	5	—	—	—
6817 meat, prepared	3	—	3	—	—	—
6822 dairy products	8	—	8	—	—	—
6835 fish, prepared	5	5	—	—	—	—
6839 animals & prod. nec	4	—	4	—	—	—
6857 fruit & nuts nec	3	2	1	—	—	—
6858 fruit juices	7	1	7	—	—	—
6861 sugar	0	—	0	—	—	—
6871 coffee	0	0	—	—	—	—

PHILADELPHIA HARBOR, PA (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA AND TRENTON, NJ; DELAWARE RIVER, PHILADELPHIA, PA TO THE SEA AND SCHUYLKILL RIVER, PA)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
6872 cocoa beans	8	8	—	—	—	—
6885 alcoholic beverages	1	0	0	—	—	—
6887 groceries	27	0	24	—	2	1
6888 water & ice	13	0	0	—	12	1
6889 food products nec	39	11	29	—	—	—
6891 tobacco & products	2	2	0	—	—	—
6893 cotton	0	0	0	—	—	—
6899 farm products nec	0	—	0	—	—	—
Total all manufactured equipment, machinery and products	97	20	75	0	1	—
7110 machinery (not elec)	4	2	2	—	—	—
7120 electrical machinery	6	5	2	—	—	—
7210 vehicles & parts	2	0	2	—	—	—
7220 aircraft & parts	0	—	0	—	—	—
7230 ships & boats	0	—	0	—	—	—
7400 manufac. wood prod.	3	0	3	—	—	—
7500 textile products	6	1	5	—	—	—
7600 rubber & plastic pr.	8	1	6	—	—	—
7800 empty containers	0	0	0	—	—	—
7900 manufac. prod. nec	68	10	56	0	1	—
Total waste and scrap nec	0	0	0	—	—	—
8900 waste and scrap nec	0	0	0	—	—	—
Total unknown or not elsewhere classified	1	1	1	—	—	—
9900 unknown or nec	1	1	1	—	—	—

*Includes 242 (x1000) tons of foreign inbound in-transits; Includes 30 (x1000) tons of foreign outbound in-transits;
 Includes 0 (x1000) tons of Canadian inbound in-transits.

TRENTON HARBOR, NJ (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA AND TRENTON, NJ)

Section Included: Oil terminals at Duck Island to Ferry Street, Trenton, NJ, 3.4 miles. Controlling Depth: In middle half of channel: Duck Island to Trenton Marine Terminal, in July 1988, 11.4 feet, and thence to Pennsylvania R. R. Bridge at Trenton in July 1988, 10.7 feet. Project Depth: Duck Island to Trenton Marine Terminal 25 feet authorized but deferred; thence to Pennsylvania R.R. bridge, 12 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	903	1995	964	1998	1,307	2001	1,373
1993	837	1996	842	1999	1,527		
1994	848	1997	1,124	2000	1,574		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic	
		Coastwise	Internal
		Receipts	Receipts
Total, all commodities	1,373	5	1,368
Total coal	948	—	948
1100 coal lignite	948	—	948
Total petroleum and petroleum products	288	5	283
Subtotal petroleum products	288	5	283
2211 gasoline	212	5	207
2221 kerosene	9	—	9
2330 distillate fuel oil	67	—	67
Total chemicals and related products	138	—	138
Subtotal other chemicals and related products	138	—	138
3297 chemical additives	138	—	138

WILMINGTON HARBOR, DE

Section Included: West Shore of Delaware River from and including Pigeon Point, DE, to and including Edgemoor, DE, 4.4 miles; and May 1984, 40.1 feet. In the Christina River in October 1989, 33.5 feet to the upper end of Berth No. 3; thence in October 1989, 18.6 feet to Loddell Canal, 1.2 miles; thence in May 1984, 11.3 feet to Market Street Bridge at Wilmington, 2.1 miles; thence January 1960, 13.2 feet to the former pulp works, 1.2 miles; thence January 1960, 5.8 feet to Pennsylvania R R Bridge No. 4, 0.3 miles; thence 6.1 feet to Newport, 5 miles. Project Depth: In Delaware River, 40 feet, in Christina River, 35 feet to Loddell Canal, thence 21 feet to the former pulp works; thence 10 feet to Pennsylvania R.R. Bridge No. 4, and thence 7 feet to Newport. All at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	3,826	1995	4,273	1998	4,998	2001	6,420
1993	4,106	1996	4,324	1999	5,369		
1994	4,503	1997	4,401	2000	5,174		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total, all commodities	5,134	4,136	687	311
Total coal	62	62	0	—
1100 coal lignite	62	62	0	—
1200 coal coke	0	—	0	—
Total petroleum and petroleum products	2,229	1,808	421	—
Subtotal crude petroleum	1,441	1,441	—	—
2100 crude petroleum	1,441	1,441	—	—
Subtotal petroleum products	788	366	421	—
2211 gasoline	0	—	0	—
2221 kerosene	0	—	0	—
2340 residual fuel oil	366	366	—	—
2350 lube oil & greases	1	0	1	—
2410 petro. jelly & waxes	0	0	0	—
2429 naphtha & solvents	0	—	0	—
2540 petroleum coke	420	0	420	—
Total chemicals and related products	116	101	15	—
Subtotal fertilizers	34	33	0	—
3110 nitrogenous fert.	28	28	0	—
3190 fert. & mixes nec	6	6	0	—
Subtotal other chemicals and related products	83	68	15	—
3211 acyclic hydrocarbons	0	—	0	—
3219 other hydrocarbons	0	—	0	—
3220 alcohols	0	—	0	—
3230 carboxylic acids	0	—	0	—
3240 nitrogen func. comp.	0	—	0	—
3250 organo - inorg. comp.	0	—	0	—
3260 organic comp. nec	7	7	0	—
3274 sodium hydroxide	0	—	0	—
3275 inorg. elem., oxides, & halogen salts	1	1	0	—
3276 metallic salts	59	56	3	—
3279 inorganic chem. nec	4	3	0	—
3282 pigments & paints	1	—	1	—
3283 coloring mat. nec	0	—	0	—
3284 medicines	0	0	0	—
3285 perfumes & cleansers	2	0	1	—
3286 plastics	5	0	5	—
3291 pesticides	0	—	0	—
3292 starches, gluten, glue	2	0	2	—
3297 chemical additives	0	—	0	—
3299 chem. products nec	2	0	2	—
Total crude materials, inedible except fuels	655	330	15	311
Subtotal forest products, wood and chips	16	0	2	14
4110 rubber & gums	0	—	0	—
4170 wood in the rough	0	—	0	—
4189 lumber	16	0	2	14
4190 forest products nec	0	—	0	—
Subtotal pulp and waste paper	9	—	9	—
4225 pulp & waste paper	9	—	9	—
Subtotal soil, sand, gravel, rock and stone	297	—	0	297
4310 building stone	0	—	0	—
4322 limestone	0	—	0	—
4323 gypsum	297	—	—	297
Subtotal iron ore and scrap	5	5	—	—
4410 iron ore	5	5	—	—
Subtotal marine shells	0	0	0	—
4515 marine shells	0	0	0	—
Subtotal non-ferrous ores and scrap	35	35	0	—
4650 aluminum ore	7	7	—	—
4670 manganese ore	7	7	—	—
4690 non-ferrous ores nec	22	21	0	—
Subtotal sulphur, clay and salt	32	32	0	—
4782 clay & refrac. mat.	32	32	0	—
Subtotal other non-metal. min.	261	257	4	—
4900 non-metal. min. nec	261	257	4	—
Total primary manufactured goods	138	93	45	—
Subtotal paper products	41	0	41	—

WILMINGTON HARBOR, DE
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
5110 newsprint	2	—	2	—
5120 paper & paperboard	37	0	37	—
5190 paper products nec	1	0	1	—
Subtotal lime, cement and glass	1	0	1	—
5210 lime	0	—	0	—
5220 cement & concrete	0	—	0	—
5240 glass & glass prod.	0	0	0	—
5290 misc. mineral prod.	1	—	1	—
Subtotal primary iron and steel products	90	89	1	—
5312 pig iron	0	—	0	—
5315 ferro alloys	0	0	—	—
5320 i&s primary forms	5	5	0	—
5330 i&s plates & sheets	17	17	0	—
5360 i&s bars & shapes	63	63	0	—
5370 i&s pipe & tube	4	4	0	—
5390 primary i&s nec	0	0	0	—
Subtotal primary non-ferrous metal products	6	4	2	—
5421 copper	0	—	0	—
5422 aluminum	0	0	0	—
5429 smelted prod. nec	0	0	—	—
5480 fab. metal products	6	4	2	—
Subtotal primary wood products	1	0	1	—
5540 primary wood prod.	1	0	1	—
Total food and farm products	1,622	1,569	53	—
Subtotal fish	10	9	1	—
6134 fish (not shellfish)	7	7	0	—
6136 shellfish	2	1	1	—
Subtotal grain	4	4	0	—
6344 corn	4	4	0	—
6442 rice	0	—	0	—
6443 barley & rye	0	—	0	—
Subtotal oilseeds	0	—	0	—
6534 flaxseed	0	—	0	—
6590 oilseeds nec	0	—	0	—
Subtotal vegetable products	61	48	13	—
6653 vegetable oils	1	—	1	—
6654 vegetables & prod.	60	48	12	—
Subtotal processed grain and animal feed	8	1	8	—
6746 wheat flour	0	—	0	—
6747 grain mill products	1	—	1	—
6781 hay & fodder	0	—	0	—
6782 animal feed, prep.	7	1	7	—
Subtotal other agricultural products	1,538	1,507	31	—
6811 meat, fresh, frozen	148	143	4	—
6817 meat, prepared	0	—	0	—
6822 dairy products	4	—	4	—
6835 fish, prepared	0	0	—	—
6838 tallow, animal oils	0	—	0	—
6839 animals & prod. nec	4	4	0	—
6856 bananas & plantains	946	942	3	—
6857 fruit & nuts nec	286	278	8	—
6858 fruit juices	134	134	0	—
6872 cocoa beans	0	0	0	—
6885 alcoholic beverages	1	0	1	—
6888 water & ice	0	—	0	—
6889 food products nec	13	5	8	—
6891 tobacco & products	0	0	0	—
6893 cotton	1	—	1	—
6899 farm products nec	1	1	0	—
Total all manufactured equipment, machinery and products	298	169	129	—
7110 machinery (not elec)	9	2	7	—
7120 electrical machinery	5	2	3	—
7210 vehicles & parts	264	161	103	—
7220 aircraft & parts	0	0	0	—
7230 ships & boats	0	0	0	—
7400 manufac. wood prod.	1	0	1	—
7500 textile products	12	1	10	—
7600 rubber & plastic pr.	3	0	3	—
7900 manufac. prod. nec	5	2	4	—
Total unknown or not elsewhere classified	13	5	8	—
9900 unknown or nec	13	5	8	—

WILMINGTON HARBOR, DE
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intrпорт
Total, all commodities	1,286	111	26	715	380	54
Total petroleum and petroleum products	1,231	56	26	715	380	54
Subtotal petroleum products	1,231	56	26	715	380	54
2211 gasoline	101	—	—	86	15	1
2221 kerosene	8	—	—	8	—	—
2330 distillate fuel oil	291	—	—	232	47	13
2340 residual fuel oil	830	56	26	389	319	40
Total crude materials, inedible except fuels	6	6	—	—	—	—
Subtotal iron ore and scrap	6	6	—	—	—	—
4420 iron & steel scrap	6	6	—	—	—	—
Total primary manufactured goods	49	49	—	—	—	—
Subtotal primary iron and steel products	49	49	—	—	—	—
5390 primary i&s nec	49	49	—	—	—	—
Subtotal primary non-ferrous metal products	0	0	—	—	—	—
5480 fab. metal products	0	0	—	—	—	—

*Includes 59 (x1000) tons of foreign inbound in-transits; Includes 106 (x1000) tons of foreign outbound in-transits.

INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DE AND MD - CHESAPEAKE AND DELAWARE CANAL

Section Included: Delaware River to Pooles Island in Chesapeake Bay, 46 miles. Controlling Depth: In September 1989, 34.1 feet in middle half of channel. Project Depth: 35 feet at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	13,529	1995	12,815	1998	14,167	2001	16,712
1993	14,533	1996	14,290	1999	14,556		
1994	13,634	1997	14,722	2000	15,043		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total*	Foreign		Domestic				
		Through		Total	Coastwise		Internal	
		Upbound	Downbnd		Through		Upbound	Downbnd
				Upbound	Downbnd	Upbound		
Total, all commodities	16,711	1,297	2,719	12,695	2,737	1,793	2,132	6,033
Total coal	3,101	130	3	2,968	1,499	8	1,459	2
1100 coal lignite	3,101	130	3	2,968	1,499	8	1,459	2
Total petroleum and petroleum products	5,147	105	524	4,518	351	1,225	639	2,304
Subtotal crude petroleum	66	—	—	66	—	—	—	66
2100 crude petroleum	66	—	—	66	—	—	—	66
Subtotal petroleum products	5,081	105	524	4,453	351	1,225	639	2,238
2211 gasoline	1,861	—	103	1,757	183	663	314	598
2221 kerosene	9	—	—	9	—	—	—	9
2330 distillate fuel oil	728	—	245	482	28	141	112	201
2340 residual fuel oil	1,196	23	58	1,115	90	185	158	683
2350 lube oil & greases	14	—	—	14	4	9	—	—
2410 petro. jelly & waxes	53	—	—	53	—	53	—	—
2429 naphtha & solvents	87	—	—	87	8	—	43	36
2430 asphalt, tar & pitch	1,110	73	102	935	37	175	12	711
2540 petroleum coke	24	9	15	—	—	—	—	—
2990 petro. products nec	0	—	—	0	0	—	—	—
Total chemicals and related products	1,037	13	321	704	89	95	24	496
Subtotal fertilizers	34	10	—	24	—	—	24	—
3110 nitrogenous fert.	24	—	—	24	—	—	24	—
3120 phosphatic fert.	10	10	—	—	—	—	—	—
Subtotal other chemicals and related products	1,004	3	321	680	89	95	—	496
3212 benzene & toluene	25	—	—	25	—	6	—	20
3219 other hydrocarbons	31	—	11	20	0	—	—	20
3220 alcohols	296	—	10	286	8	6	—	272
3230 carboxylic acids	1	1	—	—	—	—	—	—
3272 sulphuric acid	103	—	76	27	2	—	—	25
3274 sodium hydroxide	143	—	10	132	57	65	—	11
3275 inorg. elem., oxides, & halogen salts	0	—	—	0	0	—	—	—
3276 metallic salts	136	2	11	123	—	—	—	123
3284 medicines	0	0	—	—	—	—	—	—
3297 chemical additives	65	—	—	65	21	19	—	25

INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DE AND MD - CHESAPEAKE AND DELAWARE CANAL
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Grand Total*	Foreign		Domestic				
		Through		Total	Coastwise		Internal	
		Upbound	Downbnd		Through		Upbound	Downbnd
				Upbound	Downbnd	Upbound		
3299 chem. products nec	203	—	203	—	—	—	—	—
Total crude materials, inedible except fuels	4,276	272	732	3,272	83	—	10	3,180
Subtotal forest products, wood and chips	21	4	18	0	—	—	—	0
4110 rubber & gums	5	—	5	—	—	—	—	—
4189 lumber	16	4	12	0	—	—	—	0
Subtotal pulp and waste paper	12	1	11	—	—	—	—	—
4225 pulp & waste paper	12	1	11	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	3,890	54	665	3,171	83	—	10	3,078
4322 limestone	115	—	32	83	83	—	—	—
4323 gypsum	687	54	633	—	—	—	—	—
4331 sand & gravel	3,087	—	—	3,087	—	—	10	3,077
4335 waterway improv. mat	1	—	—	1	—	—	—	1
Subtotal iron ore and scrap	184	76	7	101	—	—	—	101
4410 iron ore	76	76	—	—	—	—	—	—
4420 iron & steel scrap	108	—	7	101	—	—	—	101
Subtotal non-ferrous ores and scrap	31	—	31	—	—	—	—	—
4690 non-ferrous ores nec	31	—	31	—	—	—	—	—
Subtotal slag	138	138	—	—	—	—	—	—
4860 slag	138	138	—	—	—	—	—	—
Total primary manufactured goods	881	54	147	680	184	445	0	51
Subtotal paper products	54	2	53	—	—	—	—	—
5190 paper products nec	54	2	53	—	—	—	—	—
Subtotal lime, cement and glass	636	6	—	630	150	429	—	51
5220 cement & concrete	635	6	—	629	150	429	—	51
5290 misc. mineral prod.	0	—	—	0	—	—	—	0
Subtotal primary iron and steel products	73	11	28	34	34	—	—	—
5315 ferro alloys	15	—	15	—	—	—	—	—
5320 i&s primary forms	11	11	—	—	—	—	—	—
5390 primary i&s nec	47	—	13	34	34	—	—	—
Subtotal primary non-ferrous metal products	106	35	54	17	0	16	0	0
5421 copper	24	8	—	16	—	16	—	—
5429 smelted prod. nec	30	9	22	—	—	—	—	—
5480 fab. metal products	51	18	32	1	0	0	0	0
Subtotal primary wood products	12	—	12	—	—	—	—	—
5540 primary wood prod.	12	—	12	—	—	—	—	—
Total food and farm products	697	152	12	533	521	12	—	—
Subtotal other agricultural products	697	152	12	533	521	12	—	—
6861 sugar	35	24	—	12	—	12	—	—
6865 molasses	135	129	6	—	—	—	—	—
6889 food products nec	527	—	5	521	521	—	—	—
Total all manufactured equipment, machinery and products	1,573	572	981	20	11	7	0	2
7110 machinery (not elec)	8	6	2	0	0	—	—	0
7120 electrical machinery	0	—	—	0	—	—	0	—
7210 vehicles & parts	322	100	222	—	—	—	—	—
7230 ships & boats	0	—	—	0	0	—	—	—
7400 manufac. wood prod.	0	—	—	0	—	—	—	0
7600 rubber & plastic pr.	7	—	7	—	—	—	—	—
7900 manufac. prod. nec	1,235	467	749	19	11	7	—	1
Ton-miles (x1000)	761,883	59,646	125,083	577,172	122,828	79,389	97,758	277,179
Tons All Traffic (x1000)		16,712						
Ton-miles All Traffic (x1000)		761,901						

*Totals have been adjusted to reflect modifications to internal tonnage assignments

Other Harbors and Waterways 2001

Harbor or Waterway Project	Commodity	Thousand Short Tons
ABSECON CREEK, NJ	No Commerce Reported	
ABSECON INLET, NJ	No Commerce Reported	
ALLOWAY CREEK, NJ	No Commerce Reported	
APPOQUINIMINK RIVER, DE	No Commerce Reported	
BARNEGAT INLET, NJ	No Commerce Reported	
BIG TIMBER CREEK, NJ	No Commerce Reported	
BROADKILL RIVER, DE	No Commerce Reported	
CAPE MAY CANAL, NJ	No Commerce Reported	
COHANSEY RIVER, NJ	No Commerce Reported	
COLD SPRING INLET, NJ	No Commerce Reported	
COOPER RIVER, NJ	No Commerce Reported	
HARBOR OF REFUGE, DELAWARE BAY, DE	No Commerce Reported	
HOPE CREEK, NJ	No Commerce Reported	
INDIAN RIVER INLET AND BAY, DE	No Commerce Reported	
INLAND WATERWAY BETWEEN REHOBOTH BAY AND DELAWARE BAY, DE	No Commerce Reported	
LEIPSIC RIVER, DE	No Commerce Reported	
LITTLE EGG HARBOR, NJ	No Commerce Reported	
LITTLE RIVER, DE	No Commerce Reported	
MANASQUAN RIVER, NJ	No Commerce Reported	
MANTUA CREEK, NJ	No Commerce Reported	
MAURICE RIVER, NJ	No Commerce Reported	
MISPILLION RIVER, DE	No Commerce Reported	
MURDERKILL RIVER, DE	No Commerce Reported	
NEW JERSEY INTRACOASTAL WATERWAY	No Commerce Reported	
OLDMANS CREEK, NJ	No Commerce Reported	
PEPPER CREEK, DE	No Commerce Reported	

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
SALEM RIVER, NJ	1100 coal lignite	10
	2350 lube oil & greases	2
	2429 naphtha & solvents	0
	2540 petroleum coke	1
	2640 liquid natural gas	0
	3190 fert. & mixes nec	1
	3211 acyclic hydrocarbons	0
	3219 other hydrocarbons	0
	3220 alcohols	0
	3250 organo - inorg. comp.	0
	3272 sulphuric acid	0
	3274 sodium hydroxide	0
	3275 inorg. elem.,oxides, & halogen salts	0
	3276 metallic salts	0
	3282 pigments & paints	0
	3284 medicines	0
	3285 perfumes & cleansers	0
	3286 plastics	0
	3291 pesticides	0
	3292 starches, gluten, glue	0
	3299 chem. products nec	0
	4150 fuel wood	0
	4170 wood in the rough	0
	4189 lumber	1
	4190 forest products nec	0
	4310 building stone	0
	4322 limestone	0
	4323 gypsum	0
	4331 sand & gravel	0
	4900 non-metal. min. nec	0
	5120 paper & paperboard	0
	5190 paper products nec	2
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	2
	5320 i&s primary forms	0
	5330 i&s plates & sheets	0
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5390 primary i&s nec	0
	5421 copper	0
	5480 fab. metal products	3
	5540 primary wood prod.	1
	6134 fish (not shellfish)	3
	6136 shellfish	0
	6442 rice	0
	6653 vegetable oils	0
	6654 vegetables & prod.	1
	6746 wheat flour	1
	6747 grain mill products	2
	6781 hay & fodder	1
	6782 animal feed, prep.	3
	6811 meat, fresh, frozen	2
	6817 meat, prepared	0
	6822 dairy products	0
	6835 fish, prepared	0
	6839 animals & prod. nec	1
	6856 bananas & plantains	0
	6857 fruit & nuts nec	0
	6858 fruit juices	2
	6861 sugar	0
	6871 coffee	0
	6885 alcoholic beverages	2
	6888 water & ice	1
	6889 food products nec	10
	6891 tobacco & products	0
	6899 farm products nec	0
	7110 machinery (not elec)	1
	7120 electrical machinery	1
	7210 vehicles & parts	0
	7230 ships & boats	0
	7400 manufac. wood prod.	0
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	3
	9900 unknown or nec	6
	Total Tons(x1000)	64
	Total Ton-miles(x1000)	202

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
SMYRNA RIVER, DE	No Commerce Reported	
ST. JONES RIVER, DE	No Commerce Reported	
TOMS RIVER, NJ	No Commerce Reported	
TUCKERTON CREEK, NJ	No Commerce Reported	
WATERWAY FROM INDIAN RIVER INLET TO REHOBOTH BAY, DE	No Commerce Reported	

BALTIMORE HARBOR AND CHANNELS, MD

Section Included: Mouth of Chesapeake Bay to Baltimore, MD. Controlling Depth: Cape Henry to Craighill Entrance 50.0 feet. Craighill Entrance to Ft. McHenry, 45.0 feet; southern approach channels to Chesapeake and Delaware Canal, 35 feet. Branch channel range from 15 to 40.8 feet; anchorages; 2 at 35.0 feet and 1 at 30.2 feet. Project Depth: Cape Henry to Fort McHenry, Baltimore, MD, 42 feet (under construction to 50.0 feet); southern approach channels to Chesapeake and Delaware Canal, 35 feet. Branch Channels range from 15 to 42 feet (under construction to 50.0 feet); anchorages 30 feet and 35 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	37,656	1995	44,696	1998	40,114	2001	42,072
1993	37,170	1996	43,552	1999	37,287		
1994	41,450	1997	40,029	2000	40,832		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total, all commodities	25,350	14,675	6,309	3,593	773
Total coal	6,510	1,653	4,131	—	726
1100 coal lignite	5,341	484	4,131	—	726
1200 coal coke	1,169	1,169	—	—	—
Total petroleum and petroleum products	1,441	1,107	104	183	47
Subtotal crude petroleum	13	4	0	9	—
2100 crude petroleum	13	4	0	9	—
Subtotal petroleum products	1,429	1,103	104	174	47
2211 gasoline	167	77	0	89	—
2221 kerosene	34	34	0	—	—
2330 distillate fuel oil	116	89	—	26	—
2340 residual fuel oil	687	641	—	—	47
2350 lube oil & greases	4	1	3	—	—
2410 petro. jelly & waxes	3	0	3	—	—
2429 naphtha & solvents	45	43	2	—	—
2430 asphalt, tar & pitch	0	0	0	—	—
2540 petroleum coke	372	217	96	59	—
2640 liquid natural gas	0	0	0	—	—
Total chemicals and related products	814	581	140	93	—
Subtotal fertilizers	180	178	2	1	—
3110 nitrogenous fert.	174	174	0	—	—
3120 phosphatic fert.	0	0	0	—	—
3130 potassic fert.	0	0	0	—	—
3190 fert. & mixes nec	6	4	2	1	—
Subtotal other chemicals and related products	634	403	138	93	—
3211 acyclic hydrocarbons	0	0	0	—	—
3212 benzene & toluene	0	—	0	—	—
3219 other hydrocarbons	4	2	2	—	—
3220 alcohols	10	5	5	—	—
3230 carboxylic acids	19	7	12	0	—
3240 nitrogen func. comp.	5	4	1	—	—
3250 organo - inorg. comp.	5	3	1	—	—
3260 organic comp. nec	4	1	3	—	—
3272 sulphuric acid	66	—	0	66	—
3273 ammonia	0	0	0	—	—
3274 sodium hydroxide	22	21	1	—	—
3275 inorg. elem. oxides, & halogen salts	214	201	13	—	—
3276 metallic salts	33	25	8	0	—
3279 inorganic chem. nec	10	10	1	—	—
3281 radioactive material	7	6	1	—	—
3282 pigments & paints	30	25	6	—	—
3283 coloring mat. nec	7	5	2	—	—
3284 medicines	6	1	5	—	—
3285 perfumes & cleansers	23	17	6	—	—
3286 plastics	67	29	38	0	—
3291 pesticides	4	1	3	—	—
3292 starches, gluten, glue	9	5	4	—	—
3293 explosives	0	0	0	—	—
3297 chemical additives	2	0	2	—	—
3298 wood & resin chem.	0	0	0	—	—
3299 chem. products nec	86	36	24	26	—
Total crude materials, inedible except fuels	9,508	5,904	333	3,270	—
Subtotal forest products, wood and chips	430	253	177	—	—
4110 rubber & gums	46	46	0	—	—
4150 fuel wood	0	—	0	—	—
4161 wood chips	0	—	0	—	—
4170 wood in the rough	63	5	58	—	—
4189 lumber	315	197	118	—	—
4190 forest products nec	7	6	1	—	—
Subtotal pulp and waste paper	446	403	43	—	—
4225 pulp & waste paper	446	403	43	—	—
Subtotal soil, sand, gravel, rock and stone	1,588	394	9	1,185	—
4310 building stone	28	20	8	—	—
4322 limestone	255	255	—	—	—
4323 gypsum	1,181	0	0	1,181	—
4331 sand & gravel	123	119	1	4	—
Subtotal iron ore and scrap	4,159	2,081	3	2,076	—
4410 iron ore	4,156	2,080	0	2,076	—

BALTIMORE HARBOR AND CHANNELS, MD
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
4420 iron & steel scrap	3	0	2	—	—
Subtotal marine shells	12	0	12	—	—
4515 marine shells	12	0	12	—	—
Subtotal non-ferrous ores and scrap	936	852	84	—	—
4630 copper ore	0	—	0	—	—
4650 aluminum ore	766	765	1	—	—
4670 manganese ore	35	34	2	—	—
4680 non-ferrous scrap	13	8	5	—	—
4690 non-ferrous ores nec	122	45	77	—	—
Subtotal sulphur, clay and salt	87	81	5	—	—
4741 sulphur, (dry)	1	1	0	—	—
4782 clay & refrac. mat.	85	80	5	—	—
Subtotal slag	147	147	—	—	—
4860 slag	147	147	—	—	—
Subtotal other non-metal. min.	1,704	1,693	2	9	—
4900 non-metal. min. nec	1,704	1,693	2	9	—
Total primary manufactured goods	2,805	2,532	234	39	—
Subtotal paper products	806	745	61	0	—
5110 newsprint	6	5	1	—	—
5120 paper & paperboard	677	621	56	0	—
5190 paper products nec	122	118	4	—	—
Subtotal lime, cement and glass	436	392	40	4	—
5210 lime	0	—	0	—	—
5220 cement & concrete	274	274	0	—	—
5240 glass & glass prod.	30	13	18	—	—
5290 misc. mineral prod.	131	105	22	4	—
Subtotal primary iron and steel products	479	393	86	—	—
5312 pig iron	4	4	0	—	—
5315 ferro alloys	111	96	15	—	—
5320 i&s primary forms	135	116	19	—	—
5330 i&s plates & sheets	100	58	41	—	—
5360 i&s bars & shapes	91	89	1	—	—
5370 i&s pipe & tube	23	15	9	—	—
5390 primary i&s nec	15	15	1	—	—
Subtotal primary non-ferrous metal products	971	895	41	35	—
5421 copper	273	273	0	—	—
5422 aluminum	256	251	6	—	—
5429 smelted prod. nec	170	163	7	—	—
5480 fab. metal products	271	208	28	35	—
Subtotal primary wood products	112	107	5	—	—
5540 primary wood prod.	112	107	5	—	—
Total food and farm products	2,284	1,427	857	1	0
Subtotal fish	17	16	0	—	—
6134 fish (not shellfish)	13	13	0	—	—
6136 shellfish	4	4	0	—	—
Subtotal grain	306	22	284	—	—
6241 wheat	74	0	74	—	—
6344 corn	213	3	210	—	—
6442 rice	19	19	0	—	—
6443 barley & rye	0	0	—	—	—
Subtotal oilseeds	485	12	472	—	—
6521 peanuts	0	0	—	—	—
6522 soybeans	473	1	472	—	—
6590 oilseeds nec	12	11	0	—	—
Subtotal vegetable products	50	46	5	—	—
6653 vegetable oils	8	8	0	—	—
6654 vegetables & prod.	42	38	4	—	—
Subtotal processed grain and animal feed	49	6	43	—	—
6746 wheat flour	1	1	0	—	—
6747 grain mill products	5	4	1	—	—
6781 hay & fodder	0	0	—	—	—
6782 animal feed, prep.	43	1	42	—	—
Subtotal other agricultural products	1,377	1,325	52	1	0
6811 meat, fresh, frozen	32	14	17	—	—
6817 meat, prepared	16	16	1	—	—
6822 dairy products	3	2	1	—	—
6835 fish, prepared	19	18	0	0	—
6838 tallow, animal oils	0	0	0	—	—
6839 animals & prod. nec	2	1	1	—	—
6856 bananas & plantains	1	1	0	—	—
6857 fruit & nuts nec	6	6	0	—	—
6858 fruit juices	75	74	1	—	—
6861 sugar	685	685	—	—	—
6865 molasses	205	205	—	—	—
6871 coffee	35	35	0	—	—
6872 cocoa beans	2	1	0	—	—
6885 alcoholic beverages	204	199	5	—	0
6888 water & ice	21	21	0	—	—
6889 food products nec	57	39	19	0	—
6891 tobacco & products	4	4	0	—	—
6893 cotton	0	0	0	—	—
6894 natural fibers nec	0	0	0	—	—
6899 farm products nec	9	3	6	—	—

BALTIMORE HARBOR AND CHANNELS, MD
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total all manufactured equipment, machinery and products	1,759	1,279	473	7	0
7110 machinery (not elec)	749	569	180	0	—
7120 electrical machinery	57	32	25	—	—
7210 vehicles & parts	646	458	188	0	0
7220 aircraft & parts	1	0	1	—	—
7230 ships & boats	6	3	3	—	—
7300 ordnance & access.	1	1	0	—	—
7400 manufac. wood prod.	35	29	6	0	—
7500 textile products	43	35	9	0	—
7600 rubber & plastic pr.	76	49	27	0	—
7900 manufac. prod. nec	145	104	34	7	—
Total unknown or not elsewhere classified	230	192	38	0	—
9900 unknown or nec	230	192	38	0	—
Ton-miles (x1000) Foreign & Canadian	228,153	132,072	56,785	32,339	6,956

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
Total, all commodities	16,722	3,464	2,048	7,857	2,119	715	519
Total coal	6,184	15	1,080	3,976	486	501	125
1100 coal lignite	6,184	15	1,080	3,976	486	501	125
Total petroleum and petroleum products	5,354	2,644	80	1,826	302	186	317
Subtotal crude petroleum	13	—	—	13	—	—	—
2100 crude petroleum	13	—	—	13	—	—	—
Subtotal petroleum products	5,342	2,644	80	1,813	302	186	317
2211 gasoline	1,921	1,172	—	607	124	—	17
2221 kerosene	79	65	—	9	5	—	—
2330 distillate fuel oil	1,040	644	—	343	53	—	—
2340 residual fuel oil	1,495	467	56	382	108	183	300
2410 petro. jelly & waxes	106	106	—	—	—	—	—
2429 naphtha & solvents	8	—	—	8	—	—	—
2430 asphalt, tar & pitch	692	191	23	463	12	4	—
Total chemicals and related products	414	81	2	244	9	4	73
Subtotal fertilizers	32	—	—	21	3	4	4
3110 nitrogenous fert.	32	—	—	21	3	4	4
Subtotal other chemicals and related products	382	81	2	223	6	—	69
3212 benzene & toluene	20	—	—	20	—	—	—
3219 other hydrocarbons	20	—	—	20	—	—	—
3272 sulphuric acid	96	—	2	25	—	—	69
3274 sodium hydroxide	93	81	—	11	—	—	—
3276 metallic salts	123	—	—	123	—	—	—
3297 chemical additives	31	—	—	25	6	—	—
Total crude materials, inedible except fuels	1,732	—	83	1,191	442	16	1
Subtotal forest products, wood and chips	2	—	—	0	—	1	1
4150 fuel wood	0	—	—	—	—	—	0
4170 wood in the rough	1	—	—	—	—	1	0
4189 lumber	0	—	—	0	—	0	0
Subtotal soil, sand, gravel, rock and stone	1,570	—	83	1,163	324	0	—
4322 limestone	83	—	83	—	—	—	—
4331 sand & gravel	1,487	—	—	1,163	324	0	—
Subtotal iron ore and scrap	0	—	—	—	—	—	0
4420 iron & steel scrap	0	—	—	—	—	—	0
Subtotal marine shells	94	—	—	28	52	15	—
4515 marine shells	94	—	—	28	52	15	—
Subtotal slag	66	—	—	—	66	—	—
4860 slag	66	—	—	—	66	—	—
Total primary manufactured goods	977	522	272	66	113	2	2
Subtotal lime, cement and glass	941	506	271	51	112	0	0
5220 cement & concrete	932	506	271	51	105	—	—
5290 misc. mineral prod.	8	—	—	1	8	0	0
Subtotal primary iron and steel products	2	—	—	—	0	1	1
5320 i&s primary forms	1	—	—	—	—	1	1
5360 i&s bars & shapes	0	—	—	—	—	0	0
5370 i&s pipe & tube	0	—	—	—	0	—	—
Subtotal primary non-ferrous metal products	34	16	0	15	1	1	2
5421 copper	16	16	—	—	—	—	—
5480 fab. metal products	18	—	0	15	1	1	2

BALTIMORE HARBOR AND CHANNELS, MD
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Domestic					
		Coastwise		Internal			
		Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound Downbnd	
Total food and farm products	721	194	521	---	0	5	0
Subtotal other agricultural products	721	194	521	---	0	5	0
6861 sugar	194	194	---	---	---	---	---
6888 water & ice	6	---	---	---	0	5	0
6889 food products nec	521	---	521	---	---	---	---
Total all manufactured equipment, machinery and products	1,340	7	11	554	768	1	0
7110 machinery (not elec)	2	---	---	0	1	1	0
7120 electrical machinery	0	---	---	---	0	---	---
7400 manufac. wood prod.	0	---	---	0	---	0	0
7900 manufac. prod. nec	1,338	7	11	553	767	---	---
Total waste and scrap nec	0	---	---	---	---	0	0
8900 waste and scrap nec	0	---	---	---	---	0	0
Ton-miles (x1000) Domestic	137,446	32,906	19,507	61,049	21,060	964	1,960
Tons All Traffic (x1000)	42,072						
Ton-miles All Traffic (x1000)	365,599						

*Includes 212 (x1000) tons of foreign inbound in-transits; Includes 14 (x1000) tons of foreign outbound in-transits;
 Includes 1 (x1000) tons of Canadian inbound in-transits.

SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD

Section Included: From mouth to Spesutie Narrows, MD. Controlling Depth: 15 feet from Chesapeake Bay to Spesutie Narrows, MD. Project Depth: 15 feet below Harve De Grace; 8 feet above Harve De Grace. Project Length: 4 miles. Navigation Season: Entire year.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	901	1995	2,111	1998	1,885	2001	3,089
1993	1,425	1996	1,845	1999	2,523		
1994	1,986	1997	2,118	2000	2,459		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic	
		Internal	Outbound Downbnd
Total, all commodities	3,088	3,088	3,088
Total crude materials, inedible except fuels	3,088	3,088	3,088
Subtotal soil, sand, gravel, rock and stone	3,088	3,088	3,088
4331 sand & gravel	3,087	3,087	3,087
4335 waterway improv. mat	1	1	1
Total primary manufactured goods	0	0	0
Subtotal primary non-ferrous metal products	0	0	0
5480 fab. metal products	0	0	0
Ton-miles (x1000)	24,114	24,114	24,114
Tons All Traffic (x1000)	3,089		
Ton-miles All Traffic (x1000)	24,115		

TRED AVON RIVER, MD

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	196	1995	218	1998	139	2001	297
1993	244	1996	211	1999	197		
1994	283	1997	183	2000	249		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic	
		Internal	Upbound
Total, all commodities	297	297	
Total crude materials, inedible except fuels	297	297	
Subtotal soil, sand, gravel, rock and stone	297	297	
4331 sand & gravel	297	297	
Ton-miles (x1000)	2,972	2,972	
Tons All Traffic (x1000)	297		
Ton-miles All Traffic (x1000)	2,972		

CHOPTANK RIVER, MD

Section Included: From mouth to Greensboro, MD. Controlling Depth: 6 feet to Denton and 3.5 feet to Greensboro. Project Depth: 8 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	226	1995	233	1998	143	2001	335
1993	248	1996	214	1999	245		
1994	292	1997	223	2000	272		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound	Through
		Upbound	Upbound
Total, all commodities	335	38	297
Total crude materials, inedible except fuels	335	38	297
Subtotal soil, sand, gravel, rock and stone	297	—	297
4331 sand & gravel	297	—	297
Subtotal marine shells	38	38	—
4515 marine shells	38	38	—
Ton-miles (x1000)	3,444	1,066	2,378
Tons All Traffic (x1000)	335		
Ton-miles All Traffic (x1000)	3,444		

NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DE AND MD

Section Included: Nanticoke River from mouth to Seaford, DE, Northwest Fork from mouth to Federalsburg, MD. Controlling Depth: Nanticoke River, 11.5 feet to Hawks Nest shoal; 10.5 feet in Seaford, DE; Northwest Fork, 3 feet. Project Depth: Nanticoke River, 12 feet to Seaford, DE, Northwest Fork, 6 feet to 0.5 mile below Federalsburg, MD.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	339	1995	541	1998	673	2001	1,162
1993	466	1996	644	1999	1,011		
1994	529	1997	462	2000	1,056		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound	Outbound
		Upbound	Downbnd
Total, all commodities	1,162	668	493
Total petroleum and petroleum products	74	74	—
Subtotal petroleum products	74	74	—
2330 distillate fuel oil	34	34	—
2340 residual fuel oil	40	40	—

NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DE AND MD
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Internal	
		Inbound Upbound	Outbound Downbnd
Total chemicals and related products	76	76	—
Subtotal fertilizers	76	76	—
3110 nitrogenous fert.	70	70	—
3190 fert. & mixes nec	5	5	—
Total crude materials, inedible except fuels	898	492	406
Subtotal soil, sand, gravel, rock and stone	898	492	406
4331 sand & gravel	898	492	406
Total food and farm products	114	27	87
Subtotal grain	50	27	23
6241 wheat	20	2	18
6344 corn	25	25	—
6443 barley & rye	5	—	5
Subtotal oilseeds	64	—	64
6522 soybeans	64	—	64
Ton-miles (x1000)	45,347	25,792	19,555
Tons All Traffic (x1000)	1,162		
Ton-miles All Traffic (x1000)	45,347		

WICOMICO RIVER, MD (EASTERN SHORE)

Section Included: From mouth to Salisbury, MD. Controlling Depth: 12 feet in Main River; branch channels range from 2 to 10 feet; 6 feet to and in Boat Basin at Webster Cove. Project Depth: 14 feet to Main Street Bridge and in prongs at Salisbury; 6 feet to and in small boat basin at Webster Cove.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	964	1995	1,291	1998	1,267	2001	1,610
1993	1,044	1996	1,179	1999	1,506		
1994	1,141	1997	1,165	2000	1,371		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic		
		Coastwise Receipts	Internal	
			Inbound Upbound	Outbound Downbnd
Total, all commodities	1,610	21	1,588	1
Total petroleum and petroleum products	735	21	713	—
Subtotal petroleum products	735	21	713	—
2211 gasoline	591	18	573	—
2330 distillate fuel oil	144	4	141	—
Total crude materials, inedible except fuels	764	—	764	1
Subtotal soil, sand, gravel, rock and stone	764	—	764	1
4331 sand & gravel	764	—	764	1
Total food and farm products	111	—	111	—
Subtotal grain	111	—	111	—
6344 corn	110	—	110	—
6443 barley & rye	1	—	1	—
Ton-miles (x1000)	39,722	519	39,187	15
Tons All Traffic (x1000)	1,610			
Ton-miles All Traffic (x1000)	39,722			

POCOMOKE RIVER, MD

Section Included: From mouth to Snow Hill, MD. Controlling Depth: 8 feet from mouth to Snow Hill; 7 feet through the Muds (Pocomoke Sound to Pocomoke River): 3.4 feet above bridge in Snow Hill. Project Depth: 9 feet in the river to Snow Hill and 7 feet over the Muds.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	354	1995	357	1998	398	2001	519
1993	349	1996	383	1999	521		
1994	340	1997	431	2000	402		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound Upbound	Outbound Downbnd
Total, all commodities	519	150	369
Total crude materials, inedible except fuels	519	150	369
Subtotal forest products, wood and chips	369	—	369
4161 wood chips	369	—	369
Subtotal soil, sand, gravel, rock and stone	137	137	—
4331 sand & gravel	137	137	—
Subtotal marine shells	2	2	—
4515 marine shells	2	2	—
Subtotal slag	12	12	—
4860 slag	12	12	—
Ton-miles (x1000)	8,244	2,359	5,885

Tons All Traffic (x1000) **519**
Ton-miles All Traffic (x1000) **8,244**

WASHINGTON HARBOR, DC

Section Included: Anacostia River, Washington Channel and Virginia Channel. Controlling Depth: 17 feet at Haines Point, Anacostia River, 14.4 feet from mouth to 11th Street, balance of river ranges from 6 to 20 feet; Washington Channel, 17 feet from Haines Point to 7th Street, 17 feet to 12th Street; Virginia, 11.4 feet from Giesboro Point to Key Bridge. Project Depth: 24 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	559	1995	860	1998	607	2001	663
1993	662	1996	747	1999	760		
1994	704	1997	706	2000	691		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic	
		Internal	Receipts
Total, all commodities	663	663	663
Total petroleum and petroleum products	131	131	131
Subtotal petroleum products	131	131	131
2211 gasoline	31	31	31
2330 distillate fuel oil	86	86	86
2340 residual fuel oil	14	14	14
Total crude materials, inedible except fuels	531	531	531
Subtotal soil, sand, gravel, rock and stone	531	531	531
4331 sand & gravel	531	531	531

ANACOSTIA RIVER, DC (INCLUDED IN WASHINGTON HARBOR DC)

Section Included: Mouth to Magruder Bridge, 6.6 miles. Controlling Depth: 14.4 feet to 11th Street Bridge, 2.1 miles upstream of mouth; balance of waterway ranges from 6 to 20 feet. Project Depth: 24 feet to Foot of 15th Street S. E.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	559	1995	860	1998	607	2001	663
1993	662	1996	747	1999	760		
1994	704	1997	706	2000	691		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic	
		Inbound	Upbound
Total, all commodities	663	663	
Total petroleum and petroleum products	131	131	
Subtotal petroleum products	131	131	
2211 gasoline	31	31	
2330 distillate fuel oil	86	86	
2340 residual fuel oil	14	14	
Total crude materials, inedible except fuels	531	531	
Subtotal soil, sand, gravel, rock and stone	531	531	
4331 sand & gravel	531	531	
Ton-miles (x1000)	978	978	
Tons All Traffic (x1000)	663		
Ton-miles All Traffic (x1000)	978		

POTOMAC RIVER BELOW WASHINGTON, DC

Section Included: From mouth to Giesboro Point at Washington, DC 108 miles. Controlling Depth: Kettle Bottom Shoal 24 feet; Nanjemoy Bar 21.7 feet; Maryland Pt. Bar 19.5 feet; Liverpool Pt. 21.0 feet; channel between Sandy Pt. and Quantico 22.6 feet; Mattawoman Bar 19.8 feet; Marshall Hall bar 22.3 feet; Hunting Creek Shoal 18.5 feet. Project Depth: 24 feet, Lower Smith Point Bar 20.9 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	3,422	1995	2,433	1998	2,901	2001	3,687
1993	2,725	1996	2,084	1999	3,799		
1994	3,247	1997	2,480	2000	2,902		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign & Canadian	
		Inbound	Inbound
Total, all commodities	592	590	2
Total petroleum and petroleum products	450	450	---
Subtotal petroleum products	450	450	---
2340 residual fuel oil	450	450	---
Total chemicals and related products	2	---	2
Subtotal other chemicals and related products	2	---	2
3272 sulphuric acid	2	---	2
Total crude materials, inedible except fuels	88	88	---
Subtotal other non-metal. min.	88	88	---
4900 non-metal. min. nec	88	88	---
Total food and farm products	51	51	---
Subtotal vegetable products	51	51	---
6653 vegetable oils	51	51	---
Total all manufactured equipment, machinery and products	0	0	---
7110 machinery (not elec)	0	0	---
7210 vehicles & parts	0	0	---
Ton-miles (x1000)	47,362	47,172	191
Foreign & Canadian			

POTOMAC RIVER BELOW WASHINGTON, DC
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Coastwise	
		Receipts	Shipments
Total, all commodities	246	162	84
Total petroleum and petroleum products	246	162	84
Subtotal petroleum products	246	162	84
2221 kerosene	34	34	—
2330 distillate fuel oil	24	24	—
2340 residual fuel oil	135	96	39
2430 asphalt, tar & pitch	54	9	45
Ton-miles (x1000)	4,186	2,752	1,433
Coastwise			

Commodity	Total	Internal						
		Inbound		Outbound		Through		Intra
		Upbound	Upbound	Downbnd	Upbound	Downbnd	Upbound	
Total, all commodities	2,849	592	11	459	1,355	246	185	
Total petroleum and petroleum products	1,350	574	11	459	120	—	185	
Subtotal crude petroleum	10	6	—	4	—	—	—	
2100 crude petroleum	10	6	—	4	—	—	—	
Subtotal petroleum products	1,340	568	11	455	120	—	185	
2211 gasoline	31	—	—	—	31	—	—	
2330 distillate fuel oil	388	194	8	70	79	—	38	
2340 residual fuel oil	593	177	4	310	11	—	91	
2430 asphalt, tar & pitch	326	195	—	75	—	—	56	
2990 petro. products nec	2	2	—	—	—	—	—	
Total crude materials, inedible except fuels	1,476	17	—	—	1,235	224	—	
Subtotal soil, sand, gravel, rock and stone	1,463	4	—	—	1,235	224	—	
4331 sand & gravel	1,463	4	—	—	1,235	224	—	
Subtotal marine shells	10	10	—	—	—	—	—	
4515 marine shells	10	10	—	—	—	—	—	
Subtotal slag	2	2	—	—	—	—	—	
4860 slag	2	2	—	—	—	—	—	
Total primary manufactured goods	1	1	—	—	—	—	—	
Subtotal lime, cement and glass	0	0	—	—	—	—	—	
5290 misc. mineral prod.	0	0	—	—	—	—	—	
Subtotal primary non-ferrous metal products	0	0	—	—	—	—	—	
5480 fab. metal products	0	0	—	—	—	—	—	
Total food and farm products	23	—	—	—	—	23	—	
Subtotal grain	19	—	—	—	—	19	—	
6241 wheat	8	—	—	—	—	8	—	
6344 corn	7	—	—	—	—	7	—	
6443 barley & rye	4	—	—	—	—	4	—	
Subtotal oilseeds	3	—	—	—	—	3	—	
6522 soybeans	3	—	—	—	—	3	—	
Total all manufactured equipment, machinery and products	0	0	—	0	—	—	—	
7110 machinery (not elec)	0	0	—	0	—	—	—	
Ton-miles (x1000)	100,913	16,267	1,028	7,589	57,762	8,187	10,079	
Internal								
Tons All Traffic (x1000)		3,687						
Ton-miles All Traffic (x1000)		152,467						

OCCOQUAN CREEK, VA

Section Included: From Potomac River to Occoquan Creek 6 miles. 6 feet deep and 150 feet wide from Potomac River to Taylor's Point and thence 100 feet wide to end of project. Controlling Depth: 6 feet. Project Depth: 6 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	265	1995	195	1998	376	2001	695
1993	174	1996	311	1999	440		
1994	151	1997	244	2000	512		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic
		Internal
		Inbound
		Upbound
Total, all commodities	695	695
Total crude materials, inedible except fuels	695	695
Subtotal soil, sand, gravel, rock and stone	695	695
4331 sand & gravel	695	695
Ton-miles (x1000)	4,129	4,129
Tons All Traffic (x1000)	695	
Ton-miles All Traffic (x1000)	4,129	

Other Harbors and Waterways 2001

Harbor or Waterway Project	Commodity	Thousand Short Tons
ANNAPOLIS HARBOR, MD	5480 fab. metal products	0
	Total Tons(x1000)	0
AQUIA CREEK, VA	No Commerce Reported	
BACK CREEK, ANNE ARUNDEL COUNTY, MD	No Commerce Reported	
BETTERTON HARBOR, MD	No Commerce Reported	
BLACK WALNUT HARBOR, MD	No Commerce Reported	
BONUM CREEK, VA	No Commerce Reported	
BRANSONS COVE, VA	No Commerce Reported	
BRETON BAY, MD	4331 sand & gravel	204
	Total Tons(x1000)	204
	Total Ton-miles(x1000)	1,051
BROAD CREEK RIVER, DE	No Commerce Reported	
BROAD CREEK, SOMERSET COUNTY, MD	No Commerce Reported	
BROADWATER CREEK, MD	No Commerce Reported	
CADLE CREEK, MD	No Commerce Reported	
CAMBRIDGE HARBOR, MD	No Commerce Reported	
CHANNEL TO ISLAND CREEK, ST. GEORGE ISLAND, MD	No Commerce Reported	
CHESTER RIVER, MD	No Commerce Reported	
CLAIBORNE HARBOR, MD	No Commerce Reported	
COAN RIVER, VA	No Commerce Reported	
CORSICA RIVER, MD	No Commerce Reported	
CRISFIELD HARBOR, MD	2211 gasoline	0
	2221 kerosene	0
	2330 distillate fuel oil	1
	5480 fab. metal products	0
	Total Tons(x1000)	1
CUCKOLD CREEK, MD	No Commerce Reported	
DUCK POINT COVE, MD	No Commerce Reported	
ELK AND LITTLE ELK RIVERS, MD	No Commerce Reported	
FISHING BAY TRIBUTARIES, DORCHESTER COUNTY, MD	No Commerce Reported	

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
FISHING CREEK, CALVERT COUNTY, MD	No Commerce Reported	
GOOSE CREEK, SOMMERSET COUNTY, MD	No Commerce Reported	
HERRING BAY AND ROCKHOLD CREEK, MD	No Commerce Reported	
HERRING CREEK, MD	No Commerce Reported	
HONGA RIVER AND TAR BAY, MD	No Commerce Reported	
ISLAND CREEK, MD	No Commerce Reported	
KNAPPS NARROWS, MD	No Commerce Reported	
LITTLE CREEK, QUEEN ANNES COUNTY, MD	No Commerce Reported	
LITTLE WICOMICO RIVER, VA	No Commerce Reported	
LOWER MACHODOC CREEK, VA	4331 sand & gravel	1
	Total Tons(x1000)	1
	Total Ton-miles(x1000)	1
LOWER THOROUGHFARE AT OR NEAR WENONA, DEAL ISLAND, MD	No Commerce Reported	
LOWES WHARF, TALBOT COUNTY, MD	No Commerce Reported	
MANOKIN RIVER, MD	No Commerce Reported	
MIDDLE RIVER AND DARK HEAD CREEK, MD	No Commerce Reported	
MILL CREEK, MD	No Commerce Reported	
MONROE BAY AND CREEK, VA	No Commerce Reported	
MUDDY HOOK AND TYLER COVES, MD	No Commerce Reported	
NAN COVE, MD	No Commerce Reported	
NANTICOKE RIVER AT BIVALVE, MD	No Commerce Reported	
NANTICOKE RIVER AT NANTICOKE, MD	No Commerce Reported	
NEALE SOUND, MD	No Commerce Reported	
NOMINI BAY AND CREEK, VA	No Commerce Reported	
NORTHEAST RIVER, MD	No Commerce Reported	
OCEAN CITY HARBOR AND INLET AND SINEPUXENT BAY, MD	4170 wood in the rough	0
	Total Tons(x1000)	0
PARISH CREEK, MD	No Commerce Reported	

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
PATUXENT RIVER, MD	2211 gasoline	28
	2330 distillate fuel oil	15
	2340 residual fuel oil	12
	4331 sand & gravel	9
	Total Tons(x1000)	64
	Total Ton-miles(x1000)	150
POTOMAC RIVER AT ALEXANDRIA, VA	5290 misc. mineral prod.	0
	Total Tons(x1000)	0
POTOMAC RIVER AT LOWER CEDAR POINT, MD	No Commerce Reported	
POTOMAC RIVER AT MT. VERNON, VA	No Commerce Reported	
POTOMAC RIVER, VIRGINIA CHANNEL, DC (INCLUDED IN WASHINGTON HARBOR, DC)	No Commerce Reported	
POTOMAC RIVER, WASHINGTON CHANNEL, DC (INCLUDED IN REPORT FOR WASHINGTON HARBOR, DC)	No Commerce Reported	
QUEENSTOWN HARBOR, MD	No Commerce Reported	
RHODES POINT TO TYLERTON, SOMERSET COUNTY, MD	No Commerce Reported	
ROCK HALL HARBOR, MD	No Commerce Reported	
SLAUGHTER CREEK, MD	No Commerce Reported	
SMITH CREEK, MD	No Commerce Reported	
ST. CATHERINES SOUND, MD	No Commerce Reported	
ST. JEROME CREEK, MD	No Commerce Reported	
ST. MICHAELS HARBOR, MD	No Commerce Reported	
ST. PATRICKS CREEK, MD	No Commerce Reported	
ST. PETERS CREEK, MD	No Commerce Reported	
TILGHMAN ISLAND HARBOR, MD	No Commerce Reported	
TOWN CREEK, MD	No Commerce Reported	
TWITCH COVE AND BIG THOROUGHFARE RIVER, MD	2211 gasoline	0
	2221 kerosene	0
	2330 distillate fuel oil	1
	Total Tons(x1000)	1
	Total Ton-miles(x1000)	3
TYASKIN CREEK, MD	No Commerce Reported	
UPPER MACHODOC CREEK, VA	No Commerce Reported	
UPPER THOROUGHFARE, DEAL ISLAND, MD	No Commerce Reported	

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
WARWICK RIVER, MD	No Commerce Reported	
WATERWAY FROM LITTLE CHOPTANK RIVER TO CHOPTANK RIVER, MD	No Commerce Reported	

NORFOLK HARBOR, VA

Section Included: From 55-foot contour in Hampton Roads to Norfolk & Western Railway Bridge Crossing Southern Branch of Elizabeth River, 14.78 miles; thence upstream in Southern Branch, 4.61 miles. In Eastern Branch, 2.54 miles upstream from the mouth of that branch; in Western Branch, 1.78 miles upstream from the mouth of that branch; and 0.73 miles in Scotts Creek. Maintained Depth: From the 55 foot contour in Hampton Roads to Lambert Point, outbound half 50 feet, inbound half, 45 feet; Lambert Point to Norfolk & Western Railway Bridge Crossing Southern Branch, 39.3 feet; branch channels range from 5 to 35 feet. Two anchorages opposite Sewells Point, 45 feet deep over a swinging radius of 1,200 feet, the west anchorage maintained to 40 feet deep. Anchorage area on the west side of the 45-foot channel opposite Lamberts Point totalling 173 acres consisting of 1-1500 s.f. area 38 ft. deep; 1-1500 s.f. area 35 ft. deep; 1-3000 ft. by 1000 ft. area 20 ft., and a 45 acre area 12 ft. deep at Pinners Point. Tidal range to 3 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	54,617	1995	48,803	1998	48,540	2001	37,983
1993	46,802	1996	50,547	1999	41,618		
1994	46,815	1997	47,400	2000	43,032		

Totals above include through traffic.

Freight Traffic, 2001 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	26,978	6,722	19,670	584	1
Total coal	13,079	0	13,079	---	---
1100 coal lignite	12,897	0	12,897	---	---
1200 coal coke	182	---	182	---	---
Total petroleum and petroleum products	1,336	1,131	16	189	---
Subtotal crude petroleum	434	245	---	189	---
2100 crude petroleum	434	245	---	189	---
Subtotal petroleum products	902	885	16	---	---
2211 gasoline	14	14	0	---	---
2221 kerosene	0	---	0	---	---
2330 distillate fuel oil	19	19	0	---	---
2340 residual fuel oil	594	594	---	---	---
2350 lube oil & greases	7	1	5	---	---
2410 petro. jelly & waxes	2	0	2	---	---
2429 naphtha & solvents	114	110	4	---	---
2430 asphalt, tar & pitch	0	---	0	---	---
2540 petroleum coke	37	34	4	---	---
2640 liquid natural gas	112	112	1	---	---
Total chemicals and related products	2,086	712	1,270	104	0
Subtotal fertilizers	946	284	559	104	---
3110 nitrogenous fert.	767	220	547	---	---
3120 phosphatic fert.	4	0	4	---	---
3130 potassic fert.	151	48	0	103	---
3190 fert. & mixes nec	24	16	8	0	---
Subtotal other chemicals and related products	1,139	429	711	0	0
3211 acyclic hydrocarbons	2	0	2	---	---
3212 benzene & toluene	0	0	0	---	---
3219 other hydrocarbons	9	3	6	---	---
3220 alcohols	44	25	19	---	---
3230 carboxylic acids	42	30	12	---	---
3240 nitrogen func. comp.	79	17	62	0	---
3250 organo - inorg. comp.	18	12	6	---	---
3260 organic comp. nec	43	13	29	---	---
3272 sulphuric acid	1	0	1	---	---
3273 ammonia	0	0	0	---	---
3274 sodium hydroxide	3	2	1	---	---
3275 inorg. elem.oxides, & halogen salts	71	34	37	0	---
3276 metallic salts	51	28	23	0	---
3279 inorganic chem. nec	8	5	3	---	---
3281 radioactive material	2	1	1	---	---
3282 pigments & paints	66	48	18	---	---
3283 coloring mat. nec	12	4	8	---	---
3284 medicines	33	7	27	---	---
3285 perfumes & cleansers	52	15	37	0	0
3286 plastics	282	84	198	---	---
3291 pesticides	20	3	17	---	---
3292 starches, gluten, glue	40	28	12	---	---
3293 explosives	0	0	0	---	---
3297 chemical additives	21	10	11	---	---
3298 wood & resin chem.	1	1	0	---	---
3299 chem. products nec	239	58	182	---	---
Total crude materials, inedible except fuels	2,611	658	1,676	277	0
Subtotal forest products, wood and chips	1,301	335	967	0	0
4110 rubber & gums	194	193	1	---	---
4150 fuel wood	2	1	1	---	---
4161 wood chips	431	0	431	---	---
4170 wood in the rough	165	14	151	---	---
4189 lumber	489	115	374	0	---
4190 forest products nec	21	12	8	0	0
Subtotal pulp and waste paper	463	3	460	0	---
4225 pulp & waste paper	463	3	460	0	---
Subtotal soil, sand, gravel, rock and stone	337	53	6	277	---
4310 building stone	32	30	1	---	---

NORFOLK HARBOR, VA
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
4322 limestone	1	1	0	—	—
4323 gypsum	290	20	2	268	—
4331 sand & gravel	14	2	3	9	—
Subtotal iron ore and scrap	104	0	104	—	—
4410 iron ore	0	0	0	—	—
4420 iron & steel scrap	104	0	104	—	—
Subtotal marine shells	0	0	0	—	—
4515 marine shells	0	0	0	—	—
Subtotal non-ferrous ores and scrap	136	32	104	—	—
4650 aluminum ore	29	28	1	—	—
4670 manganese ore	1	0	1	—	—
4680 non-ferrous scrap	33	3	30	—	—
4690 non-ferrous ores nec	73	1	72	—	—
Subtotal sulphur, clay and salt	34	10	24	—	—
4741 sulphur, (dry)	0	0	0	—	—
4782 clay & refrac. mat.	34	10	24	—	—
Subtotal slag	0	0	0	—	—
4860 slag	0	0	0	—	—
Subtotal other non-metal. min.	236	226	10	—	—
4900 non-metal. min. nec	236	226	10	—	—
Total primary manufactured goods	2,162	1,360	791	10	1
Subtotal paper products	524	161	352	10	1
5110 newsprint	25	3	12	10	—
5120 paper & paperboard	457	130	326	0	1
5190 paper products nec	43	29	14	0	—
Subtotal lime, cement and glass	788	715	73	—	—
5210 lime	0	—	0	—	—
5220 cement & concrete	526	526	0	—	—
5240 glass & glass prod.	70	40	31	—	—
5290 misc. mineral prod.	192	149	42	—	—
Subtotal primary iron and steel products	222	100	122	—	—
5312 pig iron	6	5	1	—	—
5315 ferro alloys	10	10	1	—	—
5320 i&s primary forms	72	46	25	—	—
5330 i&s plates & sheets	99	12	87	—	—
5360 i&s bars & shapes	13	12	1	—	—
5370 i&s pipe & tube	9	6	3	—	—
5390 primary i&s nec	13	8	5	—	—
Subtotal primary non-ferrous metal products	455	251	203	0	0
5421 copper	11	9	2	—	—
5422 aluminum	42	28	13	—	—
5429 smelted prod. nec	133	25	108	—	—
5480 fab. metal products	269	189	80	0	0
Subtotal primary wood products	173	133	41	—	—
5540 primary wood prod.	173	133	41	—	—
Total food and farm products	2,763	967	1,793	3	1
Subtotal fish	55	42	10	2	0
6134 fish (not shellfish)	36	30	5	1	0
6136 shellfish	20	13	5	1	0
Subtotal grain	504	6	499	—	—
6241 wheat	327	0	327	—	—
6344 corn	131	3	128	—	—
6442 rice	3	3	1	—	—
6443 barley & rye	43	0	43	—	—
6445 oats	0	—	0	—	—
6447 sorghum grains	0	—	0	—	—
Subtotal oilseeds	358	11	347	—	—
6521 peanuts	21	9	12	—	—
6522 soybeans	288	1	287	—	—
6534 flaxseed	0	—	0	—	—
6590 oilseeds nec	50	1	49	—	—
Subtotal vegetable products	161	99	62	0	—
6653 vegetable oils	55	15	40	—	—
6654 vegetables & prod.	106	83	22	0	—
Subtotal processed grain and animal feed	143	28	115	—	—
6746 wheat flour	6	0	6	—	—
6747 grain mill products	35	6	29	—	—
6781 hay & fodder	1	0	0	—	—
6782 animal feed, prep.	101	22	79	—	—
Subtotal other agricultural products	1,542	781	760	0	0
6811 meat, fresh, frozen	248	8	239	0	—
6817 meat, prepared	18	7	11	—	—
6822 dairy products	6	2	4	—	—
6835 fish, prepared	26	25	0	0	—
6838 tallow, animal oils	39	0	39	—	—
6839 animals & prod. nec	27	5	22	0	—
6856 bananas & plantains	0	0	—	—	—
6857 fruit & nuts nec	45	38	8	—	0
6858 fruit juices	41	36	4	0	0
6861 sugar	1	1	0	—	—
6865 molasses	0	0	0	—	—
6871 coffee	89	89	1	—	—
6872 cocoa beans	32	32	0	—	—
6885 alcoholic beverages	353	290	63	0	0

NORFOLK HARBOR, VA
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
6888 water & ice	31	31	0	—	—
6889 food products nec	168	86	83	0	—
6891 tobacco & products	367	115	252	—	—
6893 cotton	24	1	23	—	—
6894 natural fibers nec	4	2	1	—	—
6899 farm products nec	22	11	11	—	—
Total all manufactured equipment, machinery and products	2,505	1,665	839	1	0
7110 machinery (not elec)	608	410	198	0	—
7120 electrical machinery	280	159	122	—	—
7210 vehicles & parts	362	265	97	0	0
7220 aircraft & parts	6	2	4	—	—
7230 ships & boats	4	1	3	—	0
7300 ordnance & access.	4	3	1	0	—
7400 manufac. wood prod.	41	25	16	—	—
7500 textile products	336	168	168	0	—
7600 rubber & plastic pr.	284	190	94	0	—
7900 manufac. prod. nec	580	442	137	1	—
Total unknown or not elsewhere classified	437	229	207	0	—
9900 unknown or nec	437	229	207	0	—
Ton-miles (x1000) Foreign & Canadian	307,039	78,019	221,028	7,975	16

Commodity	Total**	Coastwise	
		Receipts	Shipments
Total, all commodities	2,923	1,238	1,685
Total coal	1,590	—	1,590
1100 coal lignite	1,590	—	1,590
Total petroleum and petroleum products	907	861	45
Subtotal petroleum products	907	861	45
2211 gasoline	425	421	5
2221 kerosene	12	12	—
2330 distillate fuel oil	83	83	—
2340 residual fuel oil	346	305	41
2430 asphalt, tar & pitch	41	41	—
Total chemicals and related products	129	117	12
Subtotal fertilizers	12	—	12
3110 nitrogenous fert.	12	—	12
Subtotal other chemicals and related products	117	117	—
3219 other hydrocarbons	67	67	—
3274 sodium hydroxide	51	51	—
Total crude materials, inedible except fuels	29	—	29
Subtotal iron ore and scrap	5	—	5
4420 iron & steel scrap	5	—	5
Subtotal other non-metal. min.	24	—	24
4900 non-metal. min. nec	24	—	24
Total primary manufactured goods	163	161	2
Subtotal lime, cement and glass	163	161	2
5220 cement & concrete	161	161	—
5290 misc. mineral prod.	2	—	2
Total all manufactured equipment, machinery and products	105	98	7
7900 manufac. prod. nec	105	98	7
Ton-miles (x1000) Coastwise	32,028	15,160	16,869

Commodity	Total**	Internal					
		Inbound		Outbound		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	7,409	4,390	42	220	2,291	188	279
Total coal	988	—	—	—	988	—	—
1100 coal lignite	988	—	—	—	988	—	—
Total petroleum and petroleum products	1,938	679	—	192	630	177	261
Subtotal crude petroleum	130	6	—	—	124	—	—
2100 crude petroleum	130	6	—	—	124	—	—
Subtotal petroleum products	1,808	673	—	192	506	177	261
2211 gasoline	485	270	—	125	54	26	10

NORFOLK HARBOR, VA
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total**	Internal					
		Inbound		Outbound		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
2221 kerosene	9	5	—	—	0	5	—
2330 distillate fuel oil	458	202	—	6	189	31	28
2340 residual fuel oil	795	147	—	60	254	114	220
2350 lube oil & greases	4	0	—	—	1	1	3
2429 naphtha & solvents	8	—	—	—	8	—	—
2430 asphalt, tar & pitch	49	49	—	—	—	—	—
Total chemicals and related products	289	116	15	19	114	10	15
Subtotal fertilizers	222	71	15	19	92	10	15
3110 nitrogenous fert.	214	71	8	19	91	10	15
3190 fert. & mixes nec	8	—	7	—	1	—	—
Subtotal other chemicals and related products	67	45	—	—	22	—	—
3220 alcohols	45	45	—	—	—	—	—
3274 sodium hydroxide	22	—	—	—	22	—	—
Total crude materials, inedible except fuels	2,444	2,444	—	—	—	0	0
Subtotal forest products, wood and chips	0	0	—	—	—	0	0
4170 wood in the rough	0	0	—	—	—	0	0
Subtotal soil, sand, gravel, rock and stone	2,440	2,440	—	—	—	—	—
4331 sand & gravel	2,440	2,440	—	—	—	—	—
Subtotal sulphur, clay and salt	0	—	—	—	—	—	0
4782 clay & refrac. mat.	0	—	—	—	—	—	0
Subtotal slag	3	3	—	—	—	—	—
4860 slag	3	3	—	—	—	—	—
Total primary manufactured goods	107	105	—	—	1	—	1
Subtotal lime, cement and glass	107	105	—	—	1	—	1
5220 cement & concrete	105	105	—	—	—	—	—
5290 misc. mineral prod.	3	1	—	—	1	—	1
Subtotal primary iron and steel products	0	—	—	—	—	—	0
5360 i&s bars & shapes	0	—	—	—	—	—	0
Subtotal primary non-ferrous metal products	0	—	—	—	0	—	—
5480 fab. metal products	0	—	—	—	0	—	—
Total food and farm products	317	277	27	9	3	—	—
Subtotal grain	161	130	18	9	3	—	—
6241 wheat	78	57	15	6	—	—	—
6344 corn	53	48	2	—	3	—	—
6443 barley & rye	29	25	2	3	—	—	—
Subtotal oilseeds	152	143	9	—	—	—	—
6522 soybeans	152	143	9	—	—	—	—
Subtotal vegetable products	4	4	—	—	—	—	—
6654 vegetables & prod.	4	4	—	—	—	—	—
Total all manufactured equipment, machinery and products	1,324	768	—	—	555	0	0
7110 machinery (not elec)	1	0	—	—	0	0	0
7210 vehicles & parts	1	—	—	—	1	—	—
7900 manufac. prod. nec	1,321	768	—	—	553	—	—
Total waste and scrap nec	2	0	—	—	0	1	1
8900 waste and scrap nec	2	0	—	—	0	1	1
Ton-miles (x1000)	84,281	58,285	223	1,889	21,490	1,234	1,162
Internal							
Tons All Traffic (x1000)		37,983					
Ton-miles All Traffic (x1000)		435,060					

*Includes 64 (x1000) tons of foreign inbound in-transits; Includes 31 (x1000) tons of foreign outbound in-transits;
Includes 9 (x1000) tons of Canadian inbound in-transits; Includes 0 (x1000) tons of Canadian outbound in-transits.

**Does not include 672 (x1000) tons of through traffic.

HAMPTON ROADS, VA

Section Included: Norfolk Harbor, Port of Newport News (including Newport News Creek), Hampton Creek, and channel from Phoebus to Deepwater in Hampton Roads, VA.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	79,064	1995	72,508	1998	67,880	2001	51,994
1993	65,711	1996	75,552	1999	56,063		
1994	62,746	1997	68,500	2000	56,940		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total, all commodities	33,656	7,950	24,650	937	119
Total coal	17,820	0	17,820	—	—
1100 coal lignite	17,639	0	17,639	—	—
1200 coal coke	182	—	182	—	—
Total petroleum and petroleum products	2,216	1,552	17	530	117
Subtotal crude petroleum	881	398	—	483	—
2100 crude petroleum	881	398	—	483	—
Subtotal petroleum products	1,335	1,154	17	47	117
2211 gasoline	14	14	0	—	—
2221 kerosene	0	—	0	—	—
2330 distillate fuel oil	19	19	0	—	—
2340 residual fuel oil	797	750	—	47	—
2350 lube oil & greases	7	1	5	—	—
2410 petro. jelly & waxes	2	0	2	—	—
2429 naphtha & solvents	175	171	5	—	—
2430 asphalt, tar & pitch	0	—	0	—	—
2540 petroleum coke	207	86	4	—	117
2640 liquid natural gas	112	112	1	—	—
Total chemicals and related products	2,163	762	1,297	104	0
Subtotal fertilizers	946	284	559	104	—
3110 nitrogenous fert.	767	220	547	—	—
3120 phosphatic fert.	4	0	4	—	—
3130 potassic fert.	151	48	0	103	—
3190 fert. & mixes nec	24	16	8	0	—
Subtotal other chemicals and related products	1,217	478	738	0	0
3211 acyclic hydrocarbons	2	0	2	—	—
3212 benzene & toluene	0	0	0	—	—
3219 other hydrocarbons	10	4	6	—	—
3220 alcohols	45	25	20	—	—
3230 carboxylic acids	43	30	13	—	—
3240 nitrogen func. comp.	84	17	67	0	—
3250 organo - inorg. comp.	19	12	7	—	—
3260 organic comp. nec	45	14	31	—	—
3272 sulphuric acid	1	0	1	—	—
3273 ammonia	0	0	0	—	—
3274 sodium hydroxide	3	2	1	—	—
3275 inorg. elem., oxides, & halogen salts	98	60	37	0	—
3276 metallic salts	51	28	23	0	—
3279 inorganic chem. nec	8	6	3	—	—
3281 radioactive material	2	1	1	—	—
3282 pigments & paints	67	48	19	—	—
3283 coloring mat. nec	12	4	9	—	—
3284 medicines	34	7	27	—	—
3285 perfumes & cleansers	56	15	40	0	0
3286 plastics	295	89	206	—	—
3291 pesticides	23	5	17	—	—
3292 starches, gluten, glue	42	29	13	—	—
3293 explosives	1	1	0	—	—
3297 chemical additives	22	10	11	—	—
3298 wood & resin chem.	1	1	0	—	—
3299 chem. products nec	255	70	184	—	—
Total crude materials, inedible except fuels	2,759	751	1,721	287	0
Subtotal forest products, wood and chips	1,335	352	983	0	0
4110 rubber & gums	194	193	2	—	—
4150 fuel wood	2	1	1	—	—
4161 wood chips	431	0	431	—	—
4170 wood in the rough	170	14	155	—	—
4189 lumber	517	132	386	0	—
4190 forest products nec	21	12	8	0	0
Subtotal pulp and waste paper	474	3	471	0	—
4225 pulp & waste paper	474	3	471	0	—
Subtotal soil, sand, gravel, rock and stone	338	55	7	277	—
4310 building stone	33	32	1	—	—
4322 limestone	1	1	0	—	—
4323 gypsum	291	20	2	268	—
4331 sand & gravel	14	2	3	9	—
Subtotal iron ore and scrap	104	0	104	—	—
4410 iron ore	0	0	0	—	—
4420 iron & steel scrap	104	0	104	—	—
Subtotal marine shells	0	0	0	—	—

HAMPTON ROADS, VA
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
4515 marine shells	0	0	0	---	---
Subtotal non-ferrous ores and scrap	153	32	121	---	---
4650 aluminum ore	29	28	1	---	---
4670 manganese ore	17	0	17	---	---
4680 non-ferrous scrap	33	3	30	---	---
4690 non-ferrous ores nec	74	1	72	---	---
Subtotal sulphur, clay and salt	35	10	25	---	---
4741 sulphur, (dry)	0	0	0	---	---
4782 clay & refrac. mat.	35	10	25	---	---
Subtotal slag	0	0	0	---	---
4860 slag	0	0	0	---	---
Subtotal other non-metal. min.	319	299	10	10	---
4900 non-metal. min. nec	319	299	10	10	---
Total primary manufactured goods	2,608	1,766	829	12	1
Subtotal paper products	572	184	376	12	1
5110 newsprint	27	3	12	12	---
5120 paper & paperboard	499	150	347	0	1
5190 paper products nec	46	31	16	0	---
Subtotal lime, cement and glass	1,116	1,042	74	---	---
5210 lime	0	---	0	---	---
5220 cement & concrete	839	839	0	---	---
5240 glass & glass prod.	71	40	31	---	---
5290 misc. mineral prod.	206	163	43	---	---
Subtotal primary iron and steel products	241	115	127	---	---
5312 pig iron	11	10	1	---	---
5315 ferro alloys	10	10	1	---	---
5320 i&s primary forms	72	47	26	---	---
5330 i&s plates & sheets	104	14	90	---	---
5360 i&s bars & shapes	18	18	1	---	---
5370 i&s pipe & tube	11	8	3	---	---
5390 primary i&s nec	14	9	5	---	---
Subtotal primary non-ferrous metal products	496	285	210	0	0
5421 copper	12	10	2	---	---
5422 aluminum	45	29	17	---	---
5429 smelted prod. nec	134	25	109	---	---
5480 fab. metal products	305	222	82	0	0
Subtotal primary wood products	183	140	43	---	0
5540 primary wood prod.	183	140	43	---	0
Total food and farm products	2,923	1,057	1,862	3	1
Subtotal fish	58	45	10	2	0
6134 fish (not shellfish)	38	32	5	1	0
6136 shellfish	20	13	5	1	0
Subtotal grain	505	6	499	---	---
6241 wheat	327	0	327	---	---
6344 corn	132	3	129	---	---
6442 rice	3	3	1	---	---
6443 barley & rye	43	0	43	---	---
6445 oats	0	---	0	---	---
6447 sorghum grains	0	---	0	---	---
Subtotal oilseeds	361	13	347	---	---
6521 peanuts	23	11	12	---	---
6522 soybeans	288	1	287	---	---
6534 flaxseed	0	---	0	---	---
6590 oilseeds nec	50	1	49	---	---
Subtotal vegetable products	162	99	63	0	---
6653 vegetable oils	55	15	40	---	---
6654 vegetables & prod.	107	84	23	0	---
Subtotal processed grain and animal feed	153	33	121	---	---
6746 wheat flour	7	0	6	---	---
6747 grain mill products	37	6	31	---	---
6781 hay & fodder	1	0	0	---	---
6782 animal feed, prep.	109	26	83	---	---
Subtotal other agricultural products	1,684	862	821	0	0
6811 meat, fresh, frozen	250	9	241	0	---
6817 meat, prepared	18	8	11	---	---
6822 dairy products	6	2	4	---	---
6835 fish, prepared	26	25	0	0	---
6838 tallow, animal oils	39	0	39	---	---
6839 animals & prod. nec	32	9	23	0	---
6856 bananas & plantains	0	0	---	---	---
6857 fruit & nuts nec	48	40	8	---	0
6858 fruit juices	43	39	5	0	0
6861 sugar	1	1	0	---	---
6865 molasses	0	0	0	---	---
6871 coffee	96	95	1	---	---
6872 cocoa beans	32	32	0	---	---
6885 alcoholic beverages	372	295	77	0	0
6888 water & ice	32	32	0	---	---
6889 food products nec	177	89	87	0	---
6891 tobacco & products	460	171	289	---	---
6893 cotton	26	1	25	---	---
6894 natural fibers nec	4	2	1	---	---
6899 farm products nec	22	11	11	---	---

HAMPTON ROADS, VA
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total**	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound*
Total all manufactured equipment, machinery and products	2,717	1,828	888	1	0
7110 machinery (not elec)	695	481	214	0	—
7120 electrical machinery	298	172	127	—	—
7210 vehicles & parts	412	311	100	0	0
7220 aircraft & parts	6	2	4	—	—
7230 ships & boats	4	1	3	—	0
7300 ordnance & access.	4	3	1	0	—
7400 manufac. wood prod.	43	27	16	—	—
7500 textile products	350	180	170	0	—
7600 rubber & plastic pr.	299	193	106	0	—
7900 manufac. prod. nec	606	458	147	1	—
Total unknown or not elsewhere classified	451	235	216	0	0
9900 unknown or nec	451	235	216	0	0

Commodity	Total**	Coastwise	
		Receipts	Shipments
Total, all commodities	5,808	1,292	4,516
Total coal	4,415	8	4,407
1100 coal lignite	4,415	8	4,407
Total petroleum and petroleum products	955	906	49
Subtotal petroleum products	955	906	49
2211 gasoline	430	426	5
2221 kerosene	12	12	—
2330 distillate fuel oil	88	88	—
2340 residual fuel oil	373	329	44
2430 asphalt, tar & pitch	51	51	—
Total chemicals and related products	129	117	12
Subtotal fertilizers	12	—	12
3110 nitrogenous fert.	12	—	12
Subtotal other chemicals and related products	117	117	—
3219 other hydrocarbons	67	67	—
3274 sodium hydroxide	51	51	—
Total crude materials, inedible except fuels	39	—	39
Subtotal iron ore and scrap	15	—	15
4420 iron & steel scrap	15	—	15
Subtotal other non-metal. min.	24	—	24
4900 non-metal. min. nec	24	—	24
Total primary manufactured goods	165	162	2
Subtotal lime, cement and glass	163	161	2
5220 cement & concrete	161	161	—
5290 misc. mineral prod.	2	—	2
Subtotal primary non-ferrous metal products	1	1	0
5480 fab. metal products	1	1	0
Total all manufactured equipment, machinery and products	105	98	7
7900 manufac. prod. nec	105	98	7

Commodity	Total**	Internal					
		Inbound		Outbound		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	11,857	4,685	42	172	6,322	358	279
Total coal	4,948	—	—	—	4,948	—	—
1100 coal lignite	4,948	—	—	—	4,948	—	—
Total petroleum and petroleum products	2,216	778	—	144	687	346	261
Subtotal crude petroleum	130	6	—	—	124	—	—
2100 crude petroleum	130	6	—	—	124	—	—
Subtotal petroleum products	2,086	772	—	144	563	346	261
2211 gasoline	487	264	—	125	54	35	10
2221 kerosene	9	5	—	—	0	5	—
2330 distillate fuel oil	523	234	—	6	182	72	28
2340 residual fuel oil	994	214	—	13	314	233	220
2350 lube oil & greases	4	0	—	—	0	1	3
2429 naphtha & solvents	12	—	—	—	12	—	—
2430 asphalt, tar & pitch	49	49	—	—	—	—	—
2990 petro. products nec	7	7	—	—	—	—	—

HAMPTON ROADS, VA
Traffic, 2001 - continued
(thousand short tons)

Commodity	Total**	Internal					
		Inbound		Outbound		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total chemicals and related products	289	116	15	19	114	10	15
Subtotal fertilizers	222	71	15	19	92	10	15
3110 nitrogenous fert.	214	71	8	19	91	10	15
3190 fert. & mixes nec	8	—	7	—	1	—	—
Subtotal other chemicals and related products	67	45	—	—	22	—	—
3220 alcohols	45	45	—	—	—	—	—
3274 sodium hydroxide	22	—	—	—	22	—	—
Total crude materials, inedible except fuels	2,641	2,640	—	—	—	0	0
Subtotal forest products, wood and chips	0	0	—	—	—	0	0
4170 wood in the rough	0	0	—	—	—	0	0
Subtotal soil, sand, gravel, rock and stone	2,637	2,637	—	—	—	—	—
4331 sand & gravel	2,637	2,637	—	—	—	—	—
Subtotal sulphur, clay and salt	0	—	—	—	—	—	0
4782 clay & refrac. mat.	0	—	—	—	—	—	0
Subtotal slag	3	3	—	—	—	—	—
4860 slag	3	3	—	—	—	—	—
Total primary manufactured goods	121	105	—	—	15	—	1
Subtotal lime, cement and glass	107	105	—	—	1	—	1
5220 cement & concrete	105	105	—	—	—	—	—
5290 misc. mineral prod.	3	1	—	—	1	—	1
Subtotal primary iron and steel products	0	—	—	—	—	—	0
5360 i&s bars & shapes	0	—	—	—	—	—	0
Subtotal primary non-ferrous metal products	14	—	—	—	14	—	—
5480 fab. metal products	14	—	—	—	14	—	—
Total food and farm products	317	277	27	9	3	—	—
Subtotal grain	161	130	18	9	3	—	—
6241 wheat	78	57	15	6	—	—	—
6344 corn	53	48	2	—	3	—	—
6443 barley & rye	29	25	2	3	—	—	—
Subtotal oilseeds	152	143	9	—	—	—	—
6522 soybeans	152	143	9	—	—	—	—
Subtotal vegetable products	4	4	—	—	—	—	—
6654 vegetables & prod.	4	4	—	—	—	—	—
Total all manufactured equipment, machinery and products	1,324	768	—	—	555	0	0
7110 machinery (not elec)	1	0	—	—	0	0	0
7210 vehicles & parts	1	—	—	—	1	—	—
7900 manufac. prod. nec	1,321	768	—	—	553	—	—
Total waste and scrap nec	2	0	—	—	0	1	1
8900 waste and scrap nec	2	0	—	—	0	1	1

*Includes 69 (x1000) tons of foreign inbound in-transits; Includes 31 (x1000) tons of foreign outbound in-transits;
Includes 9 (x1000) tons of Canadian inbound in-transits; Includes 0 (x1000) tons of Canadian outbound in-transits.

**Does not include 672 (x1000) tons of through traffic.

CHANNEL TO NEWPORT NEWS, VA

Section Included: Between the 55-foot depth contours on each side of middle ground shoal in Hampton Roads, VA, 6 miles. Maintained Depth: Outbound half of channel, 50.2 feet at mean low water; inbound half of channel, 50.1 feet at mean low water. Project Length: 6 miles, maintained to 50 feet deep, also includes two deep draft anchorage berths opposite Newport News 45 deep over a 1,200 foot swing radius, maintained to 40 feet deep. Tidal range to 3 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	29,635	1995	28,601	1998	24,343	2001	17,485
1993	21,938	1996	30,948	1999	19,373		
1994	20,250	1997	26,538	2000	18,734		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound*	Downbnd*	Upbound	Downbnd
Total, all commodities	7,375	1,531	5,273	420	151
Total coal	4,742	0	4,742	—	—
1100 coal lignite	4,742	—	4,742	—	—

CHANNEL TO NEWPORT NEWS, VA
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound*	Downbnd*	Upbound	Downbnd
1200 coal coke	0	0	—	—	—
Total petroleum and petroleum products	881	422	1	341	117
Subtotal crude petroleum	447	153	—	294	—
2100 crude petroleum	447	153	—	294	—
Subtotal petroleum products	434	269	1	47	117
2211 gasoline	0	—	0	—	—
2340 residual fuel oil	203	156	—	47	—
2350 lube oil & greases	1	0	1	—	—
2410 petro. jelly & waxes	0	0	—	—	—
2429 naphtha & solvents	61	61	0	—	—
2540 petroleum coke	170	52	0	—	117
Total chemicals and related products	356	155	201	—	—
Subtotal fertilizers	129	25	104	—	—
3110 nitrogenous fert.	120	16	104	—	—
3130 potassic fert.	0	—	0	—	—
3190 fert. & mixes nec	9	9	0	—	—
Subtotal other chemicals and related products	227	131	96	—	—
3211 acyclic hydrocarbons	1	0	1	—	—
3212 benzene & toluene	0	—	0	—	—
3219 other hydrocarbons	4	4	0	—	—
3220 alcohols	3	0	3	—	—
3230 carboxylic acids	7	4	2	—	—
3240 nitrogen func. comp.	15	5	9	—	—
3250 organo - inorg. comp.	3	1	2	—	—
3260 organic comp. nec	5	1	3	—	—
3272 sulphuric acid	0	—	0	—	—
3273 ammonia	0	0	—	—	—
3274 sodium hydroxide	17	17	0	—	—
3275 inorg. elem., oxides, & halogen salts	30	28	2	—	—
3276 metallic salts	16	15	2	—	—
3279 inorganic chem. nec	2	2	0	—	—
3281 radioactive material	0	0	—	—	—
3282 pigments & paints	1	0	1	—	—
3283 coloring mat. nec	2	2	1	—	—
3284 medicines	2	2	1	—	—
3285 perfumes & cleansers	12	2	10	—	—
3286 plastics	62	25	37	—	—
3291 pesticides	3	2	1	—	—
3292 starches, gluten, glue	2	0	2	—	—
3293 explosives	0	0	—	—	—
3297 chemical additives	2	0	2	—	—
3298 wood & resin chem.	0	0	0	—	—
3299 chem. products nec	37	20	17	—	—
Total crude materials, inedible except fuels	259	155	62	10	32
Subtotal forest products, wood and chips	40	23	17	—	—
4110 rubber & gums	0	0	0	—	—
4170 wood in the rough	5	1	4	—	—
4189 lumber	34	22	12	—	—
4190 forest products nec	0	0	0	—	—
Subtotal pulp and waste paper	43	—	11	—	32
4225 pulp & waste paper	43	—	11	—	32
Subtotal soil, sand, gravel, rock and stone	14	13	2	—	—
4310 building stone	1	1	—	—	—
4322 limestone	0	—	0	—	—
4323 gypsum	0	—	0	—	—
4331 sand & gravel	13	11	1	—	—
Subtotal iron ore and scrap	0	—	0	—	—
4420 iron & steel scrap	0	—	0	—	—
Subtotal non-ferrous ores and scrap	18	1	17	—	—
4650 aluminum ore	0	0	0	—	—
4670 manganese ore	17	—	17	—	—
4680 non-ferrous scrap	0	0	0	—	—
4690 non-ferrous ores nec	1	1	0	—	—
Subtotal sulphur, clay and salt	15	3	12	—	—
4741 sulphur, (dry)	0	0	—	—	—
4782 clay & refrac. mat.	15	3	12	—	—
Subtotal slag	0	0	—	—	—
4860 slag	0	0	—	—	—
Subtotal other non-metal. min.	130	116	3	10	—
4900 non-metal. min. nec	130	116	3	10	—
Total primary manufactured goods	599	479	50	69	2
Subtotal paper products	155	58	26	69	2
5110 newsprint	69	—	0	69	0
5120 paper & paperboard	81	55	24	—	1
5190 paper products nec	4	3	2	—	—
Subtotal lime, cement and glass	338	333	5	—	—
5220 cement & concrete	313	313	0	—	—
5240 glass & glass prod.	7	5	3	—	—
5290 misc. mineral prod.	18	15	2	—	—
Subtotal primary iron and steel products	29	22	7	—	—
5312 pig iron	6	5	2	—	—

CHANNEL TO NEWPORT NEWS, VA
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Through		Through	
		Upbound*	Downbnd*	Upbound	Downbnd
5315 ferro alloys	1	0	0	—	—
5320 i&s primary forms	1	1	0	—	—
5330 i&s plates & sheets	8	3	4	—	—
5360 i&s bars & shapes	8	8	0	—	—
5370 i&s pipe & tube	3	3	0	—	—
5390 primary i&s nec	2	1	0	—	—
Subtotal primary non-ferrous metal products	53	43	10	—	—
5421 copper	1	0	0	—	—
5422 aluminum	5	0	4	—	—
5429 smelted prod. nec	4	3	1	—	—
5480 fab. metal products	44	39	5	—	—
Subtotal primary wood products	25	23	2	—	0
5540 primary wood prod.	25	23	2	—	0
Total food and farm products	217	110	107	—	0
Subtotal fish	2	2	0	—	—
6134 fish (not shellfish)	2	2	0	—	—
6136 shellfish	1	1	—	—	—
Subtotal grain	1	0	1	—	—
6344 corn	1	0	1	—	—
6442 rice	0	—	0	—	—
Subtotal oilseeds	2	2	0	—	—
6521 peanuts	2	2	0	—	—
6522 soybeans	0	—	0	—	—
6590 oilseeds nec	0	—	0	—	—
Subtotal vegetable products	1	1	1	—	—
6653 vegetable oils	0	0	0	—	—
6654 vegetables & prod.	1	1	1	—	—
Subtotal processed grain and animal feed	10	4	6	—	—
6746 wheat flour	0	—	0	—	—
6747 grain mill products	2	0	2	—	—
6781 hay & fodder	0	0	—	—	—
6782 animal feed, prep.	8	4	4	—	—
Subtotal other agricultural products	200	100	100	—	0
6811 meat, fresh, frozen	2	0	2	—	—
6817 meat, prepared	0	0	0	—	—
6822 dairy products	0	0	0	—	—
6835 fish, prepared	0	—	0	—	—
6839 animals & prod. nec	5	5	0	—	—
6857 fruit & nuts nec	2	2	0	—	0
6858 fruit juices	3	2	0	—	—
6871 coffee	7	7	0	—	—
6872 cocoa beans	0	0	—	—	—
6885 alcoholic beverages	34	20	14	—	—
6888 water & ice	0	0	—	—	—
6889 food products nec	11	5	6	—	—
6891 tobacco & products	133	59	74	—	—
6893 cotton	2	0	2	—	—
6894 natural fibers nec	0	—	0	—	—
6899 farm products nec	0	0	0	—	—
Total all manufactured equipment, machinery and products	301	200	101	—	—
7110 machinery (not elec)	103	81	22	—	—
7120 electrical machinery	22	14	8	—	—
7210 vehicles & parts	59	54	4	—	—
7220 aircraft & parts	0	0	—	—	—
7230 ships & boats	0	0	0	—	—
7300 ordnance & access.	0	—	0	—	—
7400 manufac. wood prod.	3	2	1	—	—
7500 textile products	48	22	26	—	—
7600 rubber & plastic pr.	29	8	21	—	—
7900 manufac. prod. nec	37	19	18	—	—
Total unknown or not elsewhere classified	20	10	10	0	0
9900 unknown or nec	20	10	10	0	0
Ton-miles (x1000)	23,521	5,201	16,404	1,395	521
Foreign & Canadian					

Commodity	Total	Domestic			
		Coastwise		Internal	
		Through	Downbnd	Through	Downbnd
Total, all commodities	10,110	108	2,832	622	6,548
Total coal	6,786	8	2,818	—	3,960
1100 coal lignite	6,786	8	2,818	—	3,960
Total petroleum and petroleum products	739	99	3	393	243
Subtotal petroleum products	739	99	3	393	243

CHANNEL TO NEWPORT NEWS, VA
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Domestic			
		Coastwise		Internal	
		Through		Through	
		Upbound	Downbnd	Upbound	Downbnd
2211 gasoline	39	8	—	—	31
2330 distillate fuel oil	245	17	—	107	122
2340 residual fuel oil	316	27	3	200	86
2350 lube oil & greases	4	4	—	1	—
2429 naphtha & solvents	5	—	—	—	5
2430 asphalt, tar & pitch	122	43	—	79	—
2990 petro. products nec	7	—	—	7	—
Total chemicals and related products	314	—	0	229	85
Subtotal fertilizers	87	—	0	2	85
3110 nitrogenous fert.	87	—	0	2	85
Subtotal other chemicals and related products	227	—	—	227	—
3220 alcohols	227	—	—	227	—
Total crude materials, inedible except fuels	2,256	—	10	—	2,246
Subtotal soil, sand, gravel, rock and stone	2,203	—	—	—	2,203
4331 sand & gravel	2,203	—	—	—	2,203
Subtotal iron ore and scrap	10	—	10	—	—
4420 iron & steel scrap	10	—	10	—	—
Subtotal marine shells	42	—	—	—	42
4515 marine shells	42	—	—	—	42
Total primary manufactured goods	15	1	0	—	14
Subtotal primary non-ferrous metal products	15	1	0	—	14
5480 fab. metal products	15	1	0	—	14
Total waste and scrap nec	0	—	—	—	0
8900 waste and scrap nec	0	—	—	—	0
Ton-miles (x1000)	36,000	431	8,497	2,620	24,452
Domestic					
Tons All Traffic (x1000)		17,485			
Ton-miles All Traffic (x1000)		59,520			

*Includes 5 (x1000) tons of foreign upbound through in-transits; Includes 1 (x1000) tons of foreign downbound through in-transits.

PORT OF NEWPORT NEWS, VA (INCLUDING NEWPORT NEWS CREEK, VA)

Section Included: Lower east shore of James River from mouth to 1.8 miles, and portion of north shore of Hampton Roads covering approximately 15,000 linear feet of waterfront at Newport News; and Newport News Creek. Tidal range to 3 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	24,450	1995	23,365	1998	19,075	2001	13,860
1993	16,735	1996	24,787	1999	14,342		
1994	15,671	1997	20,755	2000	13,803		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
Total, all commodities	6,678	1,228	4,980	353	118
Total coal	4,742	—	4,742	—	—
1100 coal lignite	4,742	—	4,742	—	—
Total petroleum and petroleum products	880	421	0	341	117
Subtotal crude petroleum	447	153	—	294	—
2100 crude petroleum	447	153	—	294	—
Subtotal petroleum products	434	269	0	47	117
2211 gasoline	0	—	0	—	—
2340 residual fuel oil	203	156	—	47	—
2350 lube oil & greases	0	—	0	—	—
2410 petro. jelly & waxes	0	0	—	—	—
2429 naphtha & solvents	61	61	0	—	—
2540 petroleum coke	170	52	0	—	117
Total chemicals and related products	77	50	28	—	—
Subtotal fertilizers	0	—	0	—	—
3130 potassic fert.	0	—	0	—	—
3190 fert. & mixes nec	0	—	0	—	—
Subtotal other chemicals and related products	77	50	27	—	—
3211 acyclic hydrocarbons	0	—	0	—	—
3219 other hydrocarbons	1	1	0	—	—
3220 alcohols	1	0	1	—	—
3230 carboxylic acids	0	0	0	—	—
3240 nitrogen func. comp.	5	0	5	—	—
3250 organo - inorg. comp.	1	0	0	—	—

PORT OF NEWPORT NEWS, VA (INCLUDING NEWPORT NEWS CREEK, VA)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
3260 organic comp. nec	2	0	2	—	—
3274 sodium hydroxide	0	—	0	—	—
3275 inorg. elem., oxides, & halogen salts	27	26	0	—	—
3276 metallic salts	0	0	0	—	—
3279 inorganic chem. nec	1	1	0	—	—
3282 pigments & paints	1	0	1	—	—
3283 coloring mat. nec	0	0	0	—	—
3284 medicines	1	0	1	—	—
3285 perfumes & cleansers	3	0	3	—	—
3286 plastics	13	5	8	—	—
3291 pesticides	2	2	0	—	—
3292 starches, gluten, glue	2	0	2	—	—
3293 explosives	0	0	—	—	—
3297 chemical additives	1	—	1	—	—
3298 wood & resin chem.	0	0	0	—	—
3299 chem. products nec	15	13	2	—	—
Total crude materials, inedible except fuels	148	92	45	10	—
Subtotal forest products, wood and chips	34	17	16	—	—
4110 rubber & gums	0	0	0	—	—
4170 wood in the rough	5	1	4	—	—
4189 lumber	28	16	12	—	—
4190 forest products nec	0	0	0	—	—
Subtotal pulp and waste paper	11	—	11	—	—
4225 pulp & waste paper	11	—	11	—	—
Subtotal soil, sand, gravel, rock and stone	2	1	0	—	—
4310 building stone	1	1	—	—	—
4322 limestone	0	—	0	—	—
4323 gypsum	0	—	0	—	—
4331 sand & gravel	0	0	0	—	—
Subtotal iron ore and scrap	0	—	0	—	—
4420 iron & steel scrap	0	—	0	—	—
Subtotal non-ferrous ores and scrap	18	1	17	—	—
4650 aluminum ore	0	0	0	—	—
4670 manganese ore	17	—	17	—	—
4680 non-ferrous scrap	0	0	0	—	—
4690 non-ferrous ores nec	1	1	—	—	—
Subtotal sulphur, clay and salt	1	1	1	—	—
4782 clay & refrac. mat.	1	1	1	—	—
Subtotal slag	0	0	—	—	—
4860 slag	0	0	—	—	—
Subtotal other non-metal. min.	83	73	0	10	—
4900 non-metal. min. nec	83	73	0	10	—
Total primary manufactured goods	446	406	38	2	0
Subtotal paper products	47	22	23	2	0
5110 newsprint	2	—	0	2	—
5120 paper & paperboard	42	20	21	—	0
5190 paper products nec	4	2	2	—	—
Subtotal lime, cement and glass	328	327	1	—	—
5220 cement & concrete	313	313	0	—	—
5240 glass & glass prod.	1	0	0	—	—
5290 misc. mineral prod.	14	14	1	—	—
Subtotal primary iron and steel products	19	14	5	—	—
5312 pig iron	5	5	0	—	—
5320 i&s primary forms	1	0	0	—	—
5330 i&s plates & sheets	5	1	4	—	—
5360 i&s bars & shapes	5	5	0	—	—
5370 i&s pipe & tube	3	2	0	—	—
5390 primary i&s nec	1	1	—	—	—
Subtotal primary non-ferrous metal products	41	34	7	—	—
5421 copper	0	0	0	—	—
5422 aluminum	4	0	4	—	—
5429 smelted prod. nec	0	0	0	—	—
5480 fab. metal products	36	34	2	—	—
Subtotal primary wood products	10	7	2	—	0
5540 primary wood prod.	10	7	2	—	0
Total food and farm products	159	91	69	—	0
Subtotal fish	2	2	0	—	—
6134 fish (not shellfish)	2	2	0	—	—
6136 shellfish	1	1	—	—	—
Subtotal grain	1	0	1	—	—
6344 corn	1	0	1	—	—
6442 rice	0	—	0	—	—
Subtotal oilseeds	2	2	0	—	—
6521 peanuts	2	2	0	—	—
6522 soybeans	0	—	0	—	—
6590 oilseeds nec	0	—	0	—	—
Subtotal vegetable products	1	1	0	—	—
6653 vegetable oils	0	0	0	—	—
6654 vegetables & prod.	1	1	0	—	—
Subtotal processed grain and animal feed	10	4	6	—	—
6746 wheat flour	0	—	0	—	—
6747 grain mill products	2	0	2	—	—
6782 animal feed, prep.	8	4	4	—	—

PORT OF NEWPORT NEWS, VA (INCLUDING NEWPORT NEWS CREEK, VA)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
Subtotal other agricultural products	142	81	61	—	0
6811 meat, fresh, frozen	2	0	2	—	—
6817 meat, prepared	0	0	0	—	—
6822 dairy products	0	0	0	—	—
6835 fish, prepared	0	—	0	—	—
6839 animals & prod. nec	5	5	0	—	—
6857 fruit & nuts nec	2	2	0	—	0
6858 fruit juices	3	2	0	—	—
6871 coffee	7	7	0	—	—
6872 cocoa beans	0	0	—	—	—
6885 alcoholic beverages	18	5	14	—	—
6888 water & ice	0	0	—	—	—
6889 food products nec	9	4	5	—	—
6891 tobacco & products	93	56	37	—	—
6893 cotton	2	0	2	—	—
6894 natural fibers nec	0	—	0	—	—
6899 farm products nec	0	0	0	—	—
Total all manufactured equipment, machinery and products	212	163	49	—	—
7110 machinery (not elec)	88	72	16	—	—
7120 electrical machinery	18	13	5	—	—
7210 vehicles & parts	50	46	4	—	—
7220 aircraft & parts	0	0	—	—	—
7230 ships & boats	0	0	0	—	—
7300 ordnance & access.	0	—	0	—	—
7400 manufac. wood prod.	2	1	1	—	—
7500 textile products	13	11	2	—	—
7600 rubber & plastic pr.	16	3	12	—	—
7900 manufac. prod. nec	26	16	10	—	—
Total unknown or not elsewhere classified	14	5	9	0	0
9900 unknown or nec	14	5	9	0	0

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	7,182	53	2,831	210	4,079	8
Total coal	6,786	8	2,818	—	3,960	—
1100 coal lignite	6,786	8	2,818	—	3,960	—
Total petroleum and petroleum products	370	44	3	210	105	8
Subtotal petroleum products	370	44	3	210	105	8
2211 gasoline	14	5	—	—	6	3
2330 distillate fuel oil	74	5	—	42	27	—
2340 residual fuel oil	259	24	3	160	67	5
2350 lube oil & greases	0	—	—	0	—	—
2429 naphtha & solvents	5	—	—	—	5	—
2430 asphalt, tar & pitch	10	10	—	—	—	—
2990 petro. products nec	7	—	—	7	—	—
Total crude materials, inedible except fuels	10	—	10	—	—	—
Subtotal iron ore and scrap	10	—	10	—	—	—
4420 iron & steel scrap	10	—	10	—	—	—
Total primary manufactured goods	15	1	0	—	14	—
Subtotal primary non-ferrous metal products	15	1	0	—	14	—
5480 fab. metal products	15	1	0	—	14	—
Total waste and scrap nec	0	—	—	—	0	—
8900 waste and scrap nec	0	—	—	—	0	—

*Includes 5 (x1000) tons of foreign inbound in-transits; Includes 0 (x1000) tons of foreign outbound in-transits.

PORT OF RICHMOND, VA (INCLUDED IN JAMES RIVER, VA CONSOLIDATED REPORT)

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,633	1995	1,135	1998	1,089	2001	1,907
1993	1,669	1996	1,499	1999	822		
1994	1,134	1997	1,121	2000	1,489		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Inbound	Outbound*	Inbound	Outbound	Total	Coastwise		Internal
							Receipts	Receipts	
Total, all commodities	1,907	273	237	67	34	1,296	47	1,044	205
Total coal	0	0	0	---	---	---	---	---	---
1100 coal lignite	0	---	0	---	---	---	---	---	---
1200 coal coke	0	0	---	---	---	---	---	---	---
Total petroleum and petroleum products	342	0	0	---	---	341	47	93	201
Subtotal petroleum products	342	0	0	---	---	341	47	93	201
2211 gasoline	28	---	---	---	---	28	3	---	25
2330 distillate fuel oil	218	---	---	---	---	218	4	37	176
2340 residual fuel oil	41	---	---	---	---	41	3	37	---
2350 lube oil & greases	4	0	0	---	---	4	4	0	---
2429 naphtha & solvents	0	---	0	---	---	---	---	---	---
2430 asphalt, tar & pitch	51	---	---	---	---	51	32	19	---
Total chemicals and related products	195	77	118	---	---	---	---	---	---
Subtotal fertilizers	57	8	49	---	---	---	---	---	---
3110 nitrogenous fert.	49	---	49	---	---	---	---	---	---
3190 fert. & mixes nec	8	8	0	---	---	---	---	---	---
Subtotal other chemicals and related products	138	69	69	---	---	---	---	---	---
3211 acyclic hydrocarbons	1	0	1	---	---	---	---	---	---
3212 benzene & toluene	0	---	0	---	---	---	---	---	---
3219 other hydrocarbons	3	3	0	---	---	---	---	---	---
3220 alcohols	2	0	2	---	---	---	---	---	---
3230 carboxylic acids	6	4	2	---	---	---	---	---	---
3240 nitrogen func. comp.	10	5	5	---	---	---	---	---	---
3250 organo - inorg. comp.	2	0	2	---	---	---	---	---	---
3260 organic comp. nec	2	1	1	---	---	---	---	---	---
3272 sulphuric acid	0	---	0	---	---	---	---	---	---
3273 ammonia	0	0	---	---	---	---	---	---	---
3274 sodium hydroxide	6	6	---	---	---	---	---	---	---
3275 inorg. elem.,oxides, & halogen salts	4	2	2	---	---	---	---	---	---
3276 metallic salts	16	15	1	---	---	---	---	---	---
3279 inorganic chem. nec	2	1	0	---	---	---	---	---	---
3281 radioactive material	0	0	---	---	---	---	---	---	---
3282 pigments & paints	0	0	0	---	---	---	---	---	---
3283 coloring mat. nec	2	2	1	---	---	---	---	---	---
3284 medicines	2	2	0	---	---	---	---	---	---
3285 perfumes & cleansers	9	2	7	---	---	---	---	---	---
3286 plastics	48	19	29	---	---	---	---	---	---
3291 pesticides	0	---	0	---	---	---	---	---	---
3292 starches, gluten, glue	0	---	0	---	---	---	---	---	---
3297 chemical additives	1	0	1	---	---	---	---	---	---
3299 chem. products nec	22	7	14	---	---	---	---	---	---
Total crude materials, inedible except fuels	1,066	63	16	---	32	955	---	951	4
Subtotal forest products, wood and chips	6	6	0	---	---	---	---	---	---
4110 rubber & gums	0	---	0	---	---	---	---	---	---
4189 lumber	6	6	0	---	---	---	---	---	---
4190 forest products nec	0	0	0	---	---	---	---	---	---
Subtotal pulp and waste paper	32	---	---	---	32	---	---	---	---
4225 pulp & waste paper	32	---	---	---	32	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	968	11	1	---	---	955	---	951	4
4323 gypsum	0	---	0	---	---	---	---	---	---
4331 sand & gravel	968	11	1	---	---	955	---	951	4
Subtotal non-ferrous ores and scrap	0	---	0	---	---	---	---	---	---
4650 aluminum ore	0	---	0	---	---	---	---	---	---
4690 non-ferrous ores nec	0	---	0	---	---	---	---	---	---
Subtotal sulphur, clay and salt	14	2	12	---	---	---	---	---	---
4741 sulphur, (dry)	0	0	---	---	---	---	---	---	---
4782 clay & refrac. mat.	14	2	12	---	---	---	---	---	---
Subtotal other non-metal. min.	47	44	3	---	---	---	---	---	---
4900 non-metal. min. nec	47	44	3	---	---	---	---	---	---
Total primary manufactured goods	153	72	12	67	1	---	---	---	---
Subtotal paper products	107	36	3	67	1	---	---	---	---
5110 newsprint	67	---	---	67	0	---	---	---	---
5120 paper & paperboard	39	35	3	---	1	---	---	---	---

PORT OF RICHMOND, VA (INCLUDED IN JAMES RIVER, VA CONSOLIDATED REPORT)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound	Outbound*	Inbound	Outbound	Total	Internal	
							Receipts	Receipts
5190 paper products nec	1	1	0	---	---	---	---	---
Subtotal lime, cement and glass	9	5	4	---	---	---	---	---
5240 glass & glass prod.	6	4	2	---	---	---	---	---
5290 misc. mineral prod.	3	1	2	---	---	---	---	---
Subtotal primary iron and steel products	9	7	2	---	---	---	---	---
5312 pig iron	1	---	1	---	---	---	---	---
5315 ferro alloys	1	0	0	---	---	---	---	---
5320 i&s primary forms	1	1	0	---	---	---	---	---
5330 i&s plates & sheets	3	2	0	---	---	---	---	---
5360 i&s bars & shapes	3	3	---	---	---	---	---	---
5370 i&s pipe & tube	0	0	---	---	---	---	---	---
5390 primary i&s nec	0	0	0	---	---	---	---	---
Subtotal primary non-ferrous metal products	12	9	3	---	---	---	---	---
5421 copper	0	0	0	---	---	---	---	---
5422 aluminum	1	0	0	---	---	---	---	---
5429 smelted prod. nec	3	3	0	---	---	---	---	---
5480 fab. metal products	7	5	2	---	---	---	---	---
Subtotal primary wood products	15	15	---	---	---	---	---	---
5540 primary wood prod.	15	15	---	---	---	---	---	---
Total food and farm products	57	19	38	---	---	---	---	---
Subtotal vegetable products	0	---	0	---	---	---	---	---
6654 vegetables & prod.	0	---	0	---	---	---	---	---
Subtotal processed grain and animal feed	0	0	0	---	---	---	---	---
6747 grain mill products	0	0	---	---	---	---	---	---
6781 hay & fodder	0	0	---	---	---	---	---	---
6782 animal feed, prep.	0	---	0	---	---	---	---	---
Subtotal other agricultural products	57	19	38	---	---	---	---	---
6839 animals & prod. nec	0	0	---	---	---	---	---	---
6872 cocoa beans	0	0	---	---	---	---	---	---
6885 alcoholic beverages	15	15	---	---	---	---	---	---
6889 food products nec	2	1	1	---	---	---	---	---
6891 tobacco & products	39	2	37	---	---	---	---	---
6893 cotton	0	---	0	---	---	---	---	---
Total all manufactured equipment, machinery and products	88	37	51	---	---	---	---	---
7110 machinery (not elec)	15	9	6	---	---	---	---	---
7120 electrical machinery	4	1	3	---	---	---	---	---
7210 vehicles & parts	9	9	0	---	---	---	---	---
7400 manufac. wood prod.	1	1	0	---	---	---	---	---
7500 textile products	34	11	24	---	---	---	---	---
7600 rubber & plastic pr.	13	5	9	---	---	---	---	---
7900 manufac. prod. nec	12	3	9	---	---	---	---	---
Total unknown or not elsewhere classified	6	5	2	---	---	---	---	---
9900 unknown or nec	6	5	2	---	---	---	---	---

*Includes 0 (x1000) tons of foreign outbound in-transits.

JAMES RIVER BELOW RICHMOND, VA (INCLUDED IN JAMES RIVER CONSOLIDATED REPORT)

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	7,373	1995	5,988	1998	6,572	2001	5,346
1993	6,851	1996	7,540	1999	6,417		
1994	5,387	1997	7,146	2000	6,476		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign				Canadian	
		Inbound	Outbound	Through		Upbound	Downbnd
				Upbound	Downbnd*		
Total, all commodities	697	30	55	273	237	67	34
Total coal	0	—	—	0	0	—	—
1100 coal lignite	0	—	—	—	0	—	—
1200 coal coke	0	—	—	0	—	—	—
Total petroleum and petroleum products	1	—	—	0	0	—	—
Subtotal petroleum products	1	—	—	0	0	—	—
2350 lube oil & greases	1	—	—	0	0	—	—
2429 naphtha & solvents	0	—	—	—	0	—	—
Total chemicals and related products	279	28	55	77	118	—	—
Subtotal fertilizers	129	16	55	8	49	—	—
3110 nitrogenous fert.	120	16	55	—	49	—	—
3190 fert. & mixes nec	9	0	—	8	0	—	—
Subtotal other chemicals and related products	150	12	—	69	69	—	—
3211 acyclic hydrocarbons	1	—	—	0	1	—	—
3212 benzene & toluene	0	—	—	—	0	—	—
3219 other hydrocarbons	3	0	—	3	0	—	—
3220 alcohols	2	—	—	0	2	—	—
3230 carboxylic acids	6	0	—	4	2	—	—
3240 nitrogen func. comp.	10	—	—	5	5	—	—
3250 organo - inorg. comp.	2	—	—	0	2	—	—
3260 organic comp. nec	2	0	—	1	1	—	—
3272 sulphuric acid	0	—	—	—	0	—	—
3273 ammonia	0	—	—	0	—	—	—
3274 sodium hydroxide	17	11	—	6	—	—	—
3275 inorg. elem., oxides, & halogen salts	4	0	—	2	2	—	—
3276 metallic salts	16	0	—	15	1	—	—
3279 inorganic chem. nec	2	0	—	1	0	—	—
3281 radioactive material	0	—	—	0	—	—	—
3282 pigments & paints	0	—	—	0	0	—	—
3283 coloring mat. nec	2	0	—	2	1	—	—
3284 medicines	2	—	—	2	0	—	—
3285 perfumes & cleansers	9	0	—	2	7	—	—
3286 plastics	49	1	—	19	29	—	—
3291 pesticides	0	—	—	—	0	—	—
3292 starches, gluten, glue	0	0	—	—	0	—	—
3297 chemical additives	1	0	—	0	1	—	—
3299 chem. products nec	22	0	—	7	14	—	—
Total crude materials, inedible except fuels	112	0	—	63	16	—	32
Subtotal forest products, wood and chips	6	—	—	6	0	—	—
4110 rubber & gums	0	—	—	—	0	—	—
4189 lumber	6	—	—	6	0	—	—
4190 forest products nec	0	—	—	0	0	—	—
Subtotal pulp and waste paper	32	—	—	—	—	—	32
4225 pulp & waste paper	32	—	—	—	—	—	32
Subtotal soil, sand, gravel, rock and stone	13	—	—	11	1	—	—
4323 gypsum	0	—	—	—	0	—	—
4331 sand & gravel	13	—	—	11	1	—	—
Subtotal non-ferrous ores and scrap	0	—	—	—	0	—	—
4650 aluminum ore	0	—	—	—	0	—	—
4690 non-ferrous ores nec	0	—	—	—	0	—	—
Subtotal sulphur, clay and salt	14	0	—	2	12	—	—
4741 sulphur, (dry)	0	—	—	0	—	—	—
4782 clay & refrac. mat.	14	0	—	2	12	—	—
Subtotal other non-metal. min.	47	—	—	44	3	—	—
4900 non-metal. min. nec	47	—	—	44	3	—	—
Total primary manufactured goods	154	1	—	72	12	67	1
Subtotal paper products	107	0	—	36	3	67	1
5110 newsprint	67	—	—	—	—	67	0
5120 paper & paperboard	39	0	—	35	3	—	1
5190 paper products nec	1	0	—	1	0	—	—
Subtotal lime, cement and glass	10	0	—	5	4	—	—
5240 glass & glass prod.	7	0	—	4	2	—	—
5290 misc. mineral prod.	3	0	—	1	2	—	—
Subtotal primary iron and steel products	9	—	—	7	2	—	—
5312 pig iron	1	—	—	—	1	—	—
5315 ferro alloys	1	—	—	0	0	—	—

JAMES RIVER BELOW RICHMOND, VA (INCLUDED IN JAMES RIVER CONSOLIDATED REPORT)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian	
		Inbound	Outbound	Through		Through	
				Upbound	Downbnd*	Upbound	Downbnd
5320 i&s primary forms	1	—	—	1	0	—	—
5330 i&s plates & sheets	3	—	—	2	0	—	—
5360 i&s bars & shapes	3	—	—	3	—	—	—
5370 i&s pipe & tube	0	—	—	0	—	—	—
5390 primary i&s nec	0	—	—	0	0	—	—
Subtotal primary non-ferrous metal products	12	0	—	9	3	—	—
5421 copper	0	—	—	0	0	—	—
5422 aluminum	1	—	—	0	0	—	—
5429 smelted prod. nec	4	0	—	3	0	—	—
5480 fab. metal products	7	—	—	5	2	—	—
Subtotal primary wood products	16	0	—	15	—	—	—
5540 primary wood prod.	16	0	—	15	—	—	—
Total food and farm products	57	0	—	19	38	—	—
Subtotal vegetable products	0	—	—	—	0	—	—
6654 vegetables & prod.	0	—	—	—	0	—	—
Subtotal processed grain and animal feed	0	—	—	0	0	—	—
6747 grain mill products	0	—	—	0	—	—	—
6781 hay & fodder	0	—	—	0	—	—	—
6782 animal feed, prep.	0	—	—	—	0	—	—
Subtotal other agricultural products	57	0	—	19	38	—	—
6839 animals & prod. nec	0	—	—	0	—	—	—
6872 cocoa beans	0	—	—	0	—	—	—
6885 alcoholic beverages	15	—	—	15	—	—	—
6889 food products nec	2	0	—	1	1	—	—
6891 tobacco & products	40	0	—	2	37	—	—
6893 cotton	0	—	—	—	0	—	—
Total all manufactured equipment, machinery and products	89	1	—	37	51	—	—
7110 machinery (not elec)	16	0	—	9	6	—	—
7120 electrical machinery	4	0	—	1	3	—	—
7210 vehicles & parts	9	0	—	9	0	—	—
7400 manufac. wood prod.	1	—	—	1	0	—	—
7500 textile products	34	0	—	11	24	—	—
7600 rubber & plastic pr.	13	0	—	5	9	—	—
7900 manufac. prod. nec	12	0	—	3	9	—	—
Total unknown or not elsewhere classified	6	0	—	5	2	—	—
9900 unknown or nec	6	0	—	5	2	—	—
Ton-miles (x1000) Foreign & Canadian	58,415	2,065	3,768	23,496	20,419	5,777	2,889

Commodity	Total	Domestic						
		Coastwise		Internal				
		Receipts	Through Upbound	Inbound Upbound	Downbnd	Internal Downbnd	Through Upbound	Downbnd
Total, all commodities	4,648	8	47	637	421	127	1,044	2,365
Total petroleum and petroleum products	461	8	47	112	72	—	93	129
Subtotal petroleum products	461	8	47	112	72	—	93	129
2211 gasoline	28	—	3	—	—	—	—	25
2330 distillate fuel oil	269	8	4	43	72	—	37	104
2340 residual fuel oil	50	—	3	9	—	—	37	—
2350 lube oil & greases	4	—	4	—	—	—	0	—
2430 asphalt, tar & pitch	111	—	32	60	—	—	19	—
Total chemicals and related products	313	—	—	229	—	85	—	—
Subtotal fertilizers	86	—	—	2	—	85	—	—
3110 nitrogenous fert.	86	—	—	2	—	85	—	—
Subtotal other chemicals and related products	227	—	—	227	—	—	—	—
3220 alcohols	227	—	—	227	—	—	—	—
Total crude materials, inedible except fuels	3,874	—	—	296	348	42	951	2,236
Subtotal soil, sand, gravel, rock and stone	3,831	—	—	296	348	—	951	2,236
4331 sand & gravel	3,831	—	—	296	348	—	951	2,236
Subtotal marine shells	42	—	—	—	—	42	—	—
4515 marine shells	42	—	—	—	—	42	—	—

JAMES RIVER BELOW RICHMOND, VA (INCLUDED IN JAMES RIVER CONSOLIDATED REPORT)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Domestic						
		Coastwise		Inbound		Internal		
		Receipts	Through Upbound	Upbound	Downbnd	Outbound Downbnd	Through Upbound Downbnd	
Ton-miles (x1000) Domestic	245,404	512	4,009	25,466	16,362	7,036	22,286	169,733
Tons All Traffic (x1000)		5,346						
Ton-miles All Traffic (x1000)		303,851						

*Includes 0 (x1000) tons of foreign downbound through in-transits.

PORT OF HOPEWELL, VA (INCLUDED IN JAMES RIVER VA CONSOLIDATED REPORT)

Section Included: South side of James River, from City Point, at mouth of Appomattox River, 2 miles downstream to the mouth of Baileys Creek.
Maintained Depth: 25 feet at mean low water. Tidal range to 3 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,278	1995	935	1998	1,183	2001	510
1993	1,256	1996	1,395	1999	1,330		
1994	916	1997	1,362	2000	1,024		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic			
		Inbound	Outbound	Total	Coastwise Receipts	Internal Receipts Shipments	
Total, all commodities	509	30	55	424	8	331	85
Total petroleum and petroleum products	110	---	---	110	8	103	---
Subtotal petroleum products	110	---	---	110	8	103	---
2330 distillate fuel oil	41	---	---	41	8	33	---
2340 residual fuel oil	9	---	---	9	---	9	---
2430 asphalt, tar & pitch	60	---	---	60	---	60	---
Total chemicals and related products	397	28	55	313	---	229	85
Subtotal fertilizers	158	16	55	86	---	2	85
3110 nitrogenous fert.	157	16	55	86	---	2	85
3190 fert. & mixes nec	0	0	---	---	---	---	---
Subtotal other chemicals and related products	239	12	---	227	---	227	---
3219 other hydrocarbons	0	0	---	---	---	---	---
3220 alcohols	227	---	---	227	---	227	---
3230 carboxylic acids	0	0	---	---	---	---	---
3260 organic comp. nec	0	0	---	---	---	---	---
3274 sodium hydroxide	11	11	---	---	---	---	---
3275 inorg. elem.,oxides, & halogen salts	0	0	---	---	---	---	---
3276 metallic salts	0	0	---	---	---	---	---
3279 inorganic chem. nec	0	0	---	---	---	---	---
3283 coloring mat. nec	0	0	---	---	---	---	---
3285 perfumes & cleansers	0	0	---	---	---	---	---
3286 plastics	1	1	---	---	---	---	---
3292 starches, gluten, glue	0	0	---	---	---	---	---
3297 chemical additives	0	0	---	---	---	---	---
3299 chem. products nec	0	0	---	---	---	---	---
Total crude materials, inedible except fuels	0	0	---	---	---	---	---
Subtotal sulphur, clay and salt	0	0	---	---	---	---	---
4782 clay & refrac. mat.	0	0	---	---	---	---	---
Total primary manufactured goods	1	1	---	---	---	---	---
Subtotal paper products	0	0	---	---	---	---	---
5120 paper & paperboard	0	0	---	---	---	---	---
5190 paper products nec	0	0	---	---	---	---	---
Subtotal lime, cement and glass	0	0	---	---	---	---	---
5240 glass & glass prod.	0	0	---	---	---	---	---
5290 misc. mineral prod.	0	0	---	---	---	---	---
Subtotal primary non-ferrous metal products	0	0	---	---	---	---	---
5429 smelted prod. nec	0	0	---	---	---	---	---
Subtotal primary wood products	0	0	---	---	---	---	---
5540 primary wood prod.	0	0	---	---	---	---	---
Total food and farm products	0	0	---	---	---	---	---
Subtotal other agricultural products	0	0	---	---	---	---	---
6889 food products nec	0	0	---	---	---	---	---
6891 tobacco & products	0	0	---	---	---	---	---
Total all manufactured equipment, machinery and products	1	1	---	---	---	---	---
7110 machinery (not elec)	0	0	---	---	---	---	---

PORT OF HOPEWELL, VA (INCLUDED IN JAMES RIVER VA CONSOLIDATED REPORT)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound	Outbound	Total	Coastwise Receipts	Internal Receipts Shipments
7120 electrical machinery	0	0	---	---	---	---
7210 vehicles & parts	0	0	---	---	---	---
7500 textile products	0	0	---	---	---	---
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	---	---	---	---

JAMES RIVER, VA (CONSOLIDATED REPORT)

Section Included: From mouth to Richmond, VA, 90.8 miles. Controlling Depth: From the mouth to Deepwater Terminal (4.7 miles below Richmond), 24.1 feet, thence to a point 700 feet downstream from lock, 18 feet. Project Depth: from the mouth to Deepwater Terminal (4.7 miles below Richmond), 35 feet, maintained to 25 feet, thence 18 feet to the Richmond Lock. All at mean low water. Project Length: 90.8 miles. Terminals with a turning basin 35 feet deep, maintained to 25 feet, 825 ft wide, and 2,770 ft long.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	7,373	1995	5,988	1998	6,572	2001	5,346
1993	6,851	1996	7,540	1999	6,417		
1994	5,387	1997	7,146	2000	6,476		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign				Canadian	
		Inbound	Outbound	Through Upbound	Through Downbnd*	Through Upbound	Through Downbnd
Total, all commodities	697	30	55	273	237	67	34
Total coal	0	---	---	0	0	---	---
1100 coal lignite	0	---	---	---	0	---	---
1200 coal coke	0	---	---	0	---	---	---
Total petroleum and petroleum products	1	---	---	0	0	---	---
Subtotal petroleum products	1	---	---	0	0	---	---
2350 lube oil & greases	1	---	---	0	0	---	---
2429 naphtha & solvents	0	---	---	---	0	---	---
Total chemicals and related products	279	28	55	77	118	---	---
Subtotal fertilizers	129	16	55	8	49	---	---
3110 nitrogenous fert.	120	16	55	---	49	---	---
3190 fert. & mixes nec	9	0	---	8	0	---	---
Subtotal other chemicals and related products	150	12	---	69	69	---	---
3211 acyclic hydrocarbons	1	---	---	0	1	---	---
3212 benzene & toluene	0	---	---	---	0	---	---
3219 other hydrocarbons	3	0	---	3	0	---	---
3220 alcohols	2	---	---	0	2	---	---
3230 carboxylic acids	6	0	---	4	2	---	---
3240 nitrogen func. comp.	10	---	---	5	5	---	---
3250 organo - inorg. comp.	2	---	---	0	2	---	---
3260 organic comp. nec	2	0	---	1	1	---	---
3272 sulphuric acid	0	---	---	---	0	---	---
3273 ammonia	0	---	---	0	---	---	---
3274 sodium hydroxide	17	11	---	6	---	---	---
3275 inorg. elem., oxides, & halogen salts	4	0	---	2	2	---	---
3276 metallic salts	16	0	---	15	1	---	---
3279 inorganic chem. nec	2	0	---	1	0	---	---
3281 radioactive material	0	---	---	0	---	---	---
3282 pigments & paints	0	---	---	0	0	---	---
3283 coloring mat. nec	2	0	---	2	1	---	---
3284 medicines	2	---	---	2	0	---	---
3285 perfumes & cleansers	9	0	---	2	7	---	---
3286 plastics	49	1	---	19	29	---	---
3291 pesticides	0	---	---	---	0	---	---
3292 starches, gluten, glue	0	0	---	---	0	---	---
3297 chemical additives	1	0	---	0	1	---	---
3299 chem. products nec	22	0	---	7	14	---	---
Total crude materials, inedible except fuels	112	0	---	63	16	---	32
Subtotal forest products, wood and chips	6	---	---	6	0	---	---
4110 rubber & gums	0	---	---	---	0	---	---
4189 lumber	6	---	---	6	0	---	---
4190 forest products nec	0	---	---	0	0	---	---

JAMES RIVER, VA (CONSOLIDATED REPORT)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign				Canadian	
		Inbound	Outbound	Through		Through	
				Upbound	Downbnd*	Upbound	Downbnd
Subtotal pulp and waste paper	32	---	---	---	---	---	32
4225 pulp & waste paper	32	---	---	---	---	---	32
Subtotal soil, sand, gravel, rock and stone	13	---	---	11	1	---	---
4323 gypsum	0	---	---	---	0	---	---
4331 sand & gravel	13	---	---	11	1	---	---
Subtotal non-ferrous ores and scrap	0	---	---	---	0	---	---
4650 aluminum ore	0	---	---	---	0	---	---
4690 non-ferrous ores nec	0	---	---	---	0	---	---
Subtotal sulphur, clay and salt	14	0	---	2	12	---	---
4741 sulphur, (dry)	0	---	---	0	---	---	---
4782 clay & refrac. mat.	14	0	---	2	12	---	---
Subtotal other non-metal. min.	47	---	---	44	3	---	---
4900 non-metal. min. nec	47	---	---	44	3	---	---
Total primary manufactured goods	154	1	---	72	12	67	1
Subtotal paper products	107	0	---	36	3	67	1
5110 newsprint	67	---	---	---	---	67	0
5120 paper & paperboard	39	0	---	35	3	---	1
5190 paper products nec	1	0	---	1	0	---	---
Subtotal lime, cement and glass	10	0	---	5	4	---	---
5240 glass & glass prod.	7	0	---	4	2	---	---
5290 misc. mineral prod.	3	0	---	1	2	---	---
Subtotal primary iron and steel products	9	---	---	7	2	---	---
5312 pig iron	1	---	---	---	1	---	---
5315 ferro alloys	1	---	---	0	0	---	---
5320 i&s primary forms	1	---	---	1	0	---	---
5330 i&s plates & sheets	3	---	---	2	0	---	---
5360 i&s bars & shapes	3	---	---	3	---	---	---
5370 i&s pipe & tube	0	---	---	0	---	---	---
5390 primary i&s nec	0	---	---	0	0	---	---
Subtotal primary non-ferrous metal products	12	0	---	9	3	---	---
5421 copper	0	---	---	0	0	---	---
5422 aluminum	1	---	---	0	0	---	---
5429 smelted prod. nec	4	0	---	3	0	---	---
5480 fab. metal products	7	---	---	5	2	---	---
Subtotal primary wood products	16	0	---	15	---	---	---
5540 primary wood prod.	16	0	---	15	---	---	---
Total food and farm products	57	0	---	19	38	---	---
Subtotal vegetable products	0	---	---	---	0	---	---
6654 vegetables & prod.	0	---	---	---	0	---	---
Subtotal processed grain and animal feed	0	---	---	0	0	---	---
6747 grain mill products	0	---	---	0	---	---	---
6781 hay & fodder	0	---	---	0	---	---	---
6782 animal feed, prep.	0	---	---	---	0	---	---
Subtotal other agricultural products	57	0	---	19	38	---	---
6839 animals & prod. nec	0	---	---	0	---	---	---
6872 cocoa beans	0	---	---	0	---	---	---
6885 alcoholic beverages	15	---	---	15	---	---	---
6889 food products nec	2	0	---	1	1	---	---
6891 tobacco & products	40	0	---	2	37	---	---
6893 cotton	0	---	---	---	0	---	---
Total all manufactured equipment, machinery and products	89	1	---	37	51	---	---
7110 machinery (not elec)	16	0	---	9	6	---	---
7120 electrical machinery	4	0	---	1	3	---	---
7210 vehicles & parts	9	0	---	9	0	---	---
7400 manufac. wood prod.	1	---	---	1	0	---	---
7500 textile products	34	0	---	11	24	---	---
7600 rubber & plastic pr.	13	0	---	5	9	---	---
7900 manufac. prod. nec	12	0	---	3	9	---	---
Total unknown or not elsewhere classified	6	0	---	5	2	---	---
9900 unknown or nec	6	0	---	5	2	---	---
Ton-miles (x1000) Foreign & Canadian	58,415	2,065	3,768	23,496	20,419	5,777	2,889

JAMES RIVER, VA (CONSOLIDATED REPORT)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Domestic						
		Coastwise		Internal				
		Receipts	Through Upbound	Upbound	Downbnd	Outbound	Downbnd	Through Upbound
Total, all commodities	4,648	8	47	637	421	127	1,044	2,365
Total petroleum and petroleum products	461	8	47	112	72	—	93	129
Subtotal petroleum products	461	8	47	112	72	—	93	129
2211 gasoline	28	—	3	—	—	—	—	25
2330 distillate fuel oil	269	8	4	43	72	—	37	104
2340 residual fuel oil	50	—	3	9	—	—	37	—
2350 lube oil & greases	4	—	4	—	—	—	0	—
2430 asphalt, tar & pitch	111	—	32	60	—	—	19	—
Total chemicals and related products	313	—	—	229	—	85	—	—
Subtotal fertilizers	86	—	—	2	—	85	—	—
3110 nitrogenous fert.	86	—	—	2	—	85	—	—
Subtotal other chemicals and related products	227	—	—	227	—	—	—	—
3220 alcohols	227	—	—	227	—	—	—	—
Total crude materials, inedible except fuels	3,874	—	—	296	348	42	951	2,236
Subtotal soil, sand, gravel, rock and stone	3,831	—	—	296	348	—	951	2,236
4331 sand & gravel	3,831	—	—	296	348	—	951	2,236
Subtotal marine shells	42	—	—	—	—	42	—	—
4515 marine shells	42	—	—	—	—	42	—	—
Ton-miles (x1000) Domestic	245,404	512	4,009	25,466	16,362	7,036	22,286	169,733
Tons All Traffic (x1000)		5,346						
Ton-miles All Traffic (x1000)		303,851						

*Includes 0 (x1000) tons of foreign downbound through in-transits.

APPOMATTOX RIVER, VA

Section Included: From mouth to Petersburg, Virginia, 11 miles. Controlling Depth: From the mouth to mile point 7.8, 7.5 feet, thence to mile point 8.5, 2.2 feet, thence to mile point 11, 5.5 feet. Project Depth: 10 feet until the vessel traffic indicates the need for a change, the 60 foot wide channel between Puddledock and the Small Boat Harbor will be maintained to a depth of 6 feet. The channel upstream of the Small Boat Harbor is not being maintained.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,366	1995	3,610	1998	4,245	2001	3,695
1993	4,181	1996	4,630	1999	4,135		
1994	3,020	1997	4,150	2000	4,237		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic
		Internal
		Outbound
		Downbnd
Total, all commodities	3,695	3,695
Total crude materials, inedible except fuels	3,695	3,695
Subtotal soil, sand, gravel, rock and stone	3,695	3,695
4331 sand & gravel	3,695	3,695
Ton-miles (x1000)	29,557	29,557
Tons All Traffic (x1000)	3,695	
Ton-miles All Traffic (x1000)	29,557	

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER FL (NORFOLK DISTRICT) VIA
GREAT BRIDGE LOCK ROUTE

Section Included: Norfolk, VA, North Carolina Line. Controlling Depth: 11 feet at mean low water. Project Depth: 12 feet at mean low water. Project Length: 33.8 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,354	1995	1,381	1998	983	2001	879
1993	1,519	1996	1,513	1999	938		
1994	1,252	1997	1,214	2000	810		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Internal		
		Inbound	Through	
		Downbnd	Upbound	Downbnd
Total, all commodities	879	677	52	150
Total petroleum and petroleum products	144	144	---	---
Subtotal petroleum products	144	144	---	---
2211 gasoline	125	125	---	---
2330 distillate fuel oil	6	6	---	---
2340 residual fuel oil	13	13	---	---
Total chemicals and related products	43	---	24	19
Subtotal fertilizers	43	---	24	19
3110 nitrogenous fert.	32	---	13	19
3190 fert. & mixes nec	11	---	11	---
Total crude materials, inedible except fuels	651	533	---	118
Subtotal soil, sand, gravel, rock and stone	533	533	---	---
4331 sand & gravel	533	533	---	---
Subtotal iron ore and scrap	101	---	---	101
4420 iron & steel scrap	101	---	---	101
Subtotal slag	17	---	---	17
4860 slag	17	---	---	17
Total food and farm products	41	---	29	12
Subtotal grain	32	---	20	12
6241 wheat	21	---	15	6
6344 corn	3	---	3	---
6443 barley & rye	8	---	2	6
Subtotal oilseeds	9	---	9	---
6522 soybeans	9	---	9	---
Total all manufactured equipment, machinery and products	0	---	---	0
7900 manufac. prod. nec	0	---	---	0
Ton-miles (x1000)	9,937	4,685	1,354	3,897

Tons All Traffic (x1000) 879
Ton-miles All Traffic (x1000) 9,937

PAMUNKEY RIVER, VA

Section Included: A channel 12 feet deep and 100 feet wide to Cumberland Landing 20 miles; thence 8 feet deep to White House 32 miles; and 4 feet to end of project 50 miles. Controlling Depth: 7 feet, Project Depth: 12 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	71	1995	528	1998	507	2001	455
1993	503	1996	545	1999	564		
1994	548	1997	725	2000	432		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound	Outbound
		Upbound	Downbnd
Total, all commodities	455	452	3
Total petroleum and petroleum products	61	61	---
Subtotal petroleum products	61	61	---
2330 distillate fuel oil	3	3	---
2340 residual fuel oil	58	58	---
Total chemicals and related products	20	20	---
Subtotal fertilizers	3	3	---
3110 nitrogenous fert.	3	3	---
Subtotal other chemicals and related products	17	17	---
3274 sodium hydroxide	17	17	---

PAMUNKEY RIVER, VA
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Internal	
		Inbound	Outbound
		Upbound	Downbnd
Total crude materials, inedible except fuels	369	369	---
Subtotal forest products, wood and chips	369	369	---
4161 wood chips	369	369	---
Total food and farm products	3	---	3
Subtotal grain	3	---	3
6443 barley & rye	3	---	3
Total all manufactured equipment, machinery and products	1	1	---
7210 vehicles & parts	1	1	---
Ton-miles (x1000)	466	463	3
Tons All Traffic (x1000)	455		
Ton-miles All Traffic (x1000)	466		

YORK RIVER, VA

Section Included: From the mouth to West Point, Va, a distance of 33.75 miles, including the western shoreline of the town of West Point and a dike on the towns right bank. Maintained Depth: 22 feet to West Point, 33 miles above the mouth. Tidal range to 3 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	6,092	1995	6,057	1998	5,540	2001	6,508
1993	5,478	1996	6,974	1999	5,465		
1994	6,944	1997	5,495	2000	5,420		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign	Canadian
		Inbound	Inbound
Total, all commodities	1,951	1,694	257
Total petroleum and petroleum products	1,907	1,650	257
Subtotal crude petroleum	1,397	1,194	202
2100 crude petroleum	1,397	1,194	202
Subtotal petroleum products	510	455	55
2211 gasoline	46	46	---
2221 kerosene	65	65	---
2340 residual fuel oil	340	285	55
2429 naphtha & solvents	59	59	---
Total chemicals and related products	43	43	---
Subtotal other chemicals and related products	43	43	---
3260 organic comp. nec	43	43	---
Total primary manufactured goods	0	0	---
Subtotal primary non-ferrous metal products	0	0	---
5480 fab. metal products	0	0	---
Total all manufactured equipment, machinery and products	1	1	---
7110 machinery (not elec)	1	1	---
Ton-miles (x1000)	15,611	13,552	2,059
Foreign & Canadian			

Commodity	Total	Coastwise	
		Receipts	Shipments
Total, all commodities	1,461	292	1,169
Total petroleum and petroleum products	1,412	243	1,169
Subtotal crude petroleum	74	74	---
2100 crude petroleum	74	74	---
Subtotal petroleum products	1,338	169	1,169
2211 gasoline	727	108	619
2330 distillate fuel oil	525	54	471
2340 residual fuel oil	28	---	28
2429 naphtha & solvents	58	7	51
2990 petro. products nec	0	---	0

YORK RIVER, VA
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Coastwise	
		Receipts	Shipments
Total chemicals and related products	49	49	---
Subtotal other chemicals and related products	49	49	---
3212 benzene & toluene	6	6	---
3297 chemical additives	42	42	---
Ton-miles (x1000) Coastwise	5,894	1,167	4,727

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	3,095	803	1,823	452	3	12	2
Total petroleum and petroleum products	2,666	783	1,808	61	---	12	2
Subtotal crude petroleum	169	169	---	---	---	---	---
2100 crude petroleum	169	169	---	---	---	---	---
Subtotal petroleum products	2,498	615	1,808	61	---	12	2
2211 gasoline	1,058	47	997	---	---	12	2
2330 distillate fuel oil	840	119	718	3	---	---	---
2340 residual fuel oil	533	422	53	58	---	---	---
2350 lube oil & greases	0	0	---	---	---	---	---
2429 naphtha & solvents	58	27	31	---	---	---	---
2990 petro. products nec	9	---	9	---	---	---	---
Total chemicals and related products	31	10	---	20	---	---	---
Subtotal fertilizers	3	---	---	3	---	---	---
3110 nitrogenous fert.	3	---	---	3	---	---	---
Subtotal other chemicals and related products	28	10	---	17	---	---	---
3274 sodium hydroxide	22	4	---	17	---	---	---
3297 chemical additives	6	6	---	---	---	---	---
Total crude materials, inedible except fuels	369	---	0	369	---	---	---
Subtotal forest products, wood and chips	369	---	0	369	---	---	---
4161 wood chips	369	---	---	369	---	---	---
4170 wood in the rough	0	---	0	---	---	---	---
Total primary manufactured goods	9	9	0	---	---	---	---
Subtotal lime, cement and glass	9	9	0	---	---	---	---
5290 misc. mineral prod.	9	9	0	---	---	---	---
Subtotal primary non-ferrous metal products	0	0	---	---	---	---	---
5480 fab. metal products	0	0	---	---	---	---	---
Total food and farm products	3	---	---	---	3	---	---
Subtotal grain	3	---	---	---	3	---	---
6443 barley & rye	3	---	---	---	3	---	---
Total all manufactured equipment, machinery and products	2	0	0	1	---	---	---
7110 machinery (not elec)	1	0	0	---	---	---	---
7210 vehicles & parts	1	---	---	1	---	---	---
Total waste and scrap nec	15	---	15	---	---	---	---
8900 waste and scrap nec	15	---	15	---	---	---	---
Ton-miles (x1000) Internal	28,558	3,258	7,974	17,185	114	24	4
Tons All Traffic (x1000)	6,508						
Ton-miles All Traffic (x1000)	50,066						

RAPPAHANNOCK RIVER, VA

Section Included: Mouth to Fredricksburg, 107 miles. Controlling Depth: 8.7 feet to mile 43, (Tappahannock) then 6.3 feet from Tappahannock to Fredericksburg. Project Depth: 12 feet. Also includes 20,401 l.f. of crib and pile dikes and 1,906 l.f. of rip rap stone dike.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	209	1995	316	1998	321	2001	754
1993	279	1996	305	1999	373		
1994	332	1997	396	2000	554		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Internal		
		Inbound Upbound	Outbound Downbnd	Through Downbnd
Total, all commodities	754	56	505	194
Total crude materials, inedible except fuels	506	42	463	—
Subtotal soil, sand, gravel, rock and stone	463	—	463	—
4331 sand & gravel	463	—	463	—
Subtotal marine shells	42	42	—	—
4515 marine shells	42	42	—	—
Total food and farm products	236	—	42	194
Subtotal grain	186	—	27	159
6241 wheat	22	—	6	15
6344 corn	150	—	19	130
6443 barley & rye	14	—	1	13
Subtotal oilseeds	46	—	11	35
6522 soybeans	46	—	11	35
Subtotal vegetable products	4	—	4	—
6654 vegetables & prod.	4	—	4	—
Total waste and scrap nec	13	13	—	—
8900 waste and scrap nec	13	13	—	—
Ton-miles (x1000)	46,380	2,097	36,186	8,097
Tons All Traffic (x1000)	754			
Ton-miles All Traffic (x1000)	46,380			

Other Harbors and Waterways 2001

Harbor or Waterway Project	Commodity	Thousand Short Tons
ABERDEEN CREEK, VA	No Commerce Reported	
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA. AND THE ST. JOHNS RIVER FL (NORFOLK DISTRICT) DISMAL SWAMP AND PASQUOTANK RIVER	No Commerce Reported	
BEACH CREEK, VA	No Commerce Reported	
BROAD CREEK, VA	No Commerce Reported	
CAPE CHARLES CITY HARBOR, VA	4331 sand & gravel 5290 misc. mineral prod.	146 9
	Total Tons(x1000)	155
CARTERS CREEK, VA	No Commerce Reported	
CHANNEL CONNECTING YORK RIVER, VA, WITH BACK CREEK TO SLAIGHTS WHARF, VA	No Commerce Reported	
CHANNEL FROM PHOEBUS, VA (TO DEEP WATER IN HAMPTON ROADS, VA)	No Commerce Reported	
CHESCONESSEX CREEK, VA	No Commerce Reported	
CHINCOTEAGUE BAY, MD AND VA	4170 wood in the rough	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	1
CHINCOTEAGUE HARBOR OF REFUGE, VA	No Commerce Reported	
CRANES CREEK, VA	No Commerce Reported	
DAVIS CREEK, VA	No Commerce Reported	
DEEP CREEK, ACCOMACK COUNTY, VA	No Commerce Reported	
DEEP CREEK, NEWPORT NEWS, VA	No Commerce Reported	
DELAWARE BAY - CHESAPEAKE BAY WATERWAY - VIRGINIA PORTION	4170 wood in the rough 4515 marine shells	0 1
	Total Tons(x1000)	1
	Total Ton-miles(x1000)	58
DYMERS CREEK, VA	No Commerce Reported	
GREENVALE CREEK, VA	No Commerce Reported	
HAMPTON CREEK, VA	2330 distillate fuel oil 4331 sand & gravel	18 196
	Total Tons(x1000)	214
	Total Ton-miles(x1000)	642
HORN HARBOR, VA	No Commerce Reported	
HOSKINS CREEK, VA	6241 wheat 6344 corn 6443 barley & rye 6522 soybeans	15 130 13 33
	Total Tons(x1000)	192
	Total Ton-miles(x1000)	192

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
JACKSON CREEK, VA	8900 waste and scrap nec	2
	Total Tons(x1000)	2
	Total Ton-miles(x1000)	2
KINGS CREEK, NORTHAMPTON COUNTY, VA	No Commerce Reported	
LAFAYETTE RIVER, VA	No Commerce Reported	
LITTLE MACHIPONGO RIVER, VA	No Commerce Reported	
LITTLE RIVER (CREEK), VA	2211 gasoline	0
	2330 distillate fuel oil	7
	2340 residual fuel oil	1
	2350 lube oil & greases	0
	4331 sand & gravel	4
	Total Tons(x1000)	12
	Total Ton-miles(x1000)	12
LOCKLIES CREEK, VA	No Commerce Reported	
LYNHAVEN ROADS, INLET, AND CONNECTING WATERS, VA	2350 lube oil & greases	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	0
MATTAPONI RIVER, VA	No Commerce Reported	
MEHERRIN RIVER, NC	No Commerce Reported	
MILFORD HAVEN, VA	No Commerce Reported	
MILL CREEK, VA	No Commerce Reported	
MULBERRY CREEK, VA	No Commerce Reported	
NANDUA CREEK, VA	No Commerce Reported	
NANSEMOND RIVER, VA	4331 sand & gravel	33
	Total Tons(x1000)	33
	Total Ton-miles(x1000)	593
NEWPORT NEWS CREEK, VA (INCLUDED IN PORT OF NEWPORT NEWS, VA)	2330 distillate fuel oil	1
	Total Tons(x1000)	1
OCCOHANNOCK CREEK, VA	No Commerce Reported	
ONANCOCK RIVER, VA	4331 sand & gravel	74
	Total Tons(x1000)	74
	Total Ton-miles(x1000)	429
OYSTER CHANNEL, VA	No Commerce Reported	
PAGAN RIVER, VA	No Commerce Reported	
PARKER CREEK, VA	No Commerce Reported	
PARROTTS CREEK, VA	No Commerce Reported	

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
QUEENS CREEK, VA	No Commerce Reported	
QUINBY CREEK, VA	No Commerce Reported	
STARLINGS CREEK, VA	No Commerce Reported	
TANGIER CHANNEL, VA	2221 kerosene 2330 distillate fuel oil 2340 residual fuel oil	0 0 1
	Total Tons(x1000)	1
	Total Ton-miles(x1000)	1
TOTUSKEY CREEK, VA	4331 sand & gravel	13
	Total Tons(x1000)	13
	Total Ton-miles(x1000)	64
TYLERS BEACH, VA	No Commerce Reported	
URBANNA CREEK, VA	6522 soybeans	2
	Total Tons(x1000)	2
	Total Ton-miles(x1000)	2
WILLOUGHBY CHANNEL, VA	No Commerce Reported	
WINTER HARBOR, VA	No Commerce Reported	
WISHART POINT CHANNEL, VA	No Commerce Reported	

PAMLICO AND TAR RIVERS, NC

Section Included: From 14 miles below Washington on Pamlico River to Little Falls, 83 miles above Washington on Tar River, a total distance of 97 miles. Controlling Depth: 10.3 feet to Washington, 6 feet from Washington to Hardee Creek; branch channels range from 1 to 6 feet. Project Depth: 12 feet to Hardee Creek, 6 feet to Greenville, and 20 inches to Tarboro, thence to clear natural channel above Tarboro to Little Falls. All at mean low water. Navigation Season: Navigable to Greenville the entire year; above Greenville during freshet stages, which prevail for 4 to 6 months during the year.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,699	1995	1,405	1998	2,044	2001	952
1993	1,405	1996	1,998	1999	1,606		
1994	1,533	1997	1,730	2000	1,467		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Internal	
		Inbound	Outbound
		Upbound	Downbnd
Total, all commodities	951	326	626
Total petroleum and petroleum products	8	8	—
Subtotal petroleum products	8	8	—
2340 residual fuel oil	8	8	—
Total chemicals and related products	943	318	626
Subtotal fertilizers	498	—	498
3110 nitrogenous fert.	1	—	1
3120 phosphatic fert.	490	—	490
3190 fert. & mixes nec	7	—	7
Subtotal other chemicals and related products	445	318	128
3271 sulphur (liquid)	203	203	—
3272 sulphuric acid	115	115	—
3275 inorg. elem.,oxides, & halogen salts	128	—	128
Ton-miles (x1000)	30,340	10,374	19,966

Tons All Traffic (x1000) **952**
 Ton-miles All Traffic (x1000) **30,342**

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (WILMINGTON DISTRICT)

Section Included: Atlantic Intracoastal Waterway, Virginia State Line to South Carolina State Line, including waterway to Jacksonville, NC. Controlling Depth: 10 feet through the Waterway and 9 feet to Jacksonville, NC. Project Depth: 12 feet, all at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	2,190	1995	2,055	1998	2,378	2001	1,261
1993	2,094	1996	2,539	1999	1,825		
1994	2,227	1997	2,276	2000	1,614		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic						
		Coastwise Through Downbnd	Internal				Through Upbound Downbnd	
			Inbound		Outbound			
			Upbound	Downbnd	Upbound	Downbnd		
Total, all commodities	1,261	2	2	26	20	461	750	
Total petroleum and petroleum products	70	—	2	—	—	68	0	
Subtotal petroleum products	70	—	2	—	—	68	0	
2330 distillate fuel oil	2	—	2	—	—	—	—	
2340 residual fuel oil	68	—	—	—	—	68	0	
Total chemicals and related products	983	—	—	—	—	346	637	
Subtotal fertilizers	537	—	—	—	—	28	509	
3110 nitrogenous fert.	36	—	—	—	—	17	19	
3120 phosphatic fert.	490	—	—	—	—	—	490	
3190 fert. & mixes nec	11	—	—	—	—	11	—	
Subtotal other chemicals and related products	446	—	—	—	—	318	128	
3271 sulphur (liquid)	203	—	—	—	—	203	—	
3272 sulphuric acid	115	—	—	—	—	115	—	
3275 inorg. elem.,oxides, & halogen salts	128	—	—	—	—	—	128	
3286 plastics	0	—	—	—	—	0	—	
3293 explosives	0	—	—	—	—	0	—	
Total crude materials, inedible except fuels	129	1	—	14	—	2	112	
Subtotal forest products, wood and chips	1	1	—	—	—	0	—	
4189 lumber	1	1	—	—	—	0	—	
Subtotal pulp and waste paper	2	—	—	—	—	2	—	
4225 pulp & waste paper	2	—	—	—	—	2	—	

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (WILMINGTON DISTRICT)
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Domestic					
		Coastwise	Inbound		Internal		Through
		Through Downbnd	Upbound	Downbnd	Upbound	Upbound	Downbnd
Subtotal iron ore and scrap	101	---	---	---	---	---	101
4420 iron & steel scrap	101	---	---	---	---	---	101
Subtotal sulphur, clay and salt	0	---	---	---	---	---	0
4782 clay & refrac. mat.	0	---	---	---	---	---	0
Subtotal slag	17	---	---	14	---	---	3
4860 slag	17	---	---	14	---	---	3
Subtotal other non-metal. min.	8	---	---	---	---	---	8
4900 non-metal. min. nec	8	---	---	---	---	---	8
Total primary manufactured goods	33	0	---	---	---	32	---
Subtotal primary iron and steel products	25	0	---	---	---	25	---
5312 pig iron	24	---	---	---	---	24	---
5360 i&s bars & shapes	0	0	---	---	---	---	---
5370 i&s pipe & tube	0	---	---	---	---	0	---
Subtotal primary non-ferrous metal products	8	0	---	---	---	8	---
5480 fab. metal products	8	0	---	---	---	8	---
Total food and farm products	41	---	---	12	20	9	---
Subtotal grain	32	---	---	12	20	---	---
6241 wheat	21	---	---	6	15	---	---
6344 corn	3	---	---	---	3	---	---
6443 barley & rye	8	---	---	6	2	---	---
Subtotal oilseeds	9	---	---	---	---	9	---
6522 soybeans	9	---	---	---	---	9	---
Total all manufactured equipment, machinery and products	6	1	---	---	---	4	1
7110 machinery (not elec)	1	---	---	---	---	0	0
7210 vehicles & parts	0	---	---	---	---	0	---
7220 aircraft & parts	0	---	---	---	---	0	---
7300 ordnance & access.	0	---	---	---	---	0	---
7500 textile products	0	0	---	---	---	0	---
7600 rubber & plastic pr.	1	1	---	---	---	---	---
7900 manufac. prod. nec	4	---	---	---	---	3	0
Ton-miles (x1000)	84,332	320	48	2,143	1,268	38,899	41,655

Tons All Traffic (x1000) **1,261**
Ton-miles All Traffic (x1000) **84,332**

MOREHEAD CITY HARBOR, NC

Section Included: Morehead City Harbor, NC. Controlling Depth: 40 feet from the ocean to the Marine Terminals; other channels range from 6.5 to 12.0 feet. Project Depth: 42 feet deep 450 feet wide across bar channel; a Cutoff Channel, 40 feet deep and 600 feet wide, an Inner Harbor Channel 40 feet deep and 400 feet wide; and a depth of 40 feet in the east leg of the turning basin, including a 1,200-foot diameter turning area; 35 feet in the west leg of the turning basin and 12 feet from the turning basin to 10th Street, Morehead City, and 6 feet to Bogue Sound. All at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	4,440	1995	4,620	1998	5,260	2001	3,143
1993	3,999	1996	5,588	1999	4,636		
1994	4,195	1997	5,201	2000	4,365		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
Total, all commodities	2,068	741	1,173	90	64
Total petroleum and petroleum products	48	48	0	---	---
Subtotal petroleum products	48	48	0	---	---
2429 naphtha & solvents	0	---	0	---	---
2540 petroleum coke	48	48	---	---	---
Total chemicals and related products	1,022	67	920	15	21
Subtotal fertilizers	595	9	565	---	21
3110 nitrogenous fert.	0	---	0	---	---
3120 phosphatic fert.	17	---	17	---	---
3130 potassic fert.	9	9	---	---	---
3190 fert. & mixes nec	569	---	548	---	21
Subtotal other chemicals and related products	428	58	355	15	---
3211 acyclic hydrocarbons	0	---	0	---	---
3260 organic comp. nec	0	---	0	---	---
3272 sulphuric acid	34	19	0	15	---
3274 sodium hydroxide	0	---	0	---	---
3275 inorg. elem., oxides, & halogen salts	212	0	212	---	---
3276 metallic salts	177	38	139	---	---

MOREHEAD CITY HARBOR, NC
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound	Outbound
3282 pigments & paints	0	—	0	—	—
3286 plastics	0	—	0	—	—
3292 starches, gluten, glue	0	—	0	—	—
3293 explosives	0	0	0	—	—
3299 chem. products nec	4	—	4	—	—
Total crude materials, inedible except fuels	794	506	245	0	43
Subtotal forest products, wood and chips	433	147	243	—	43
4110 rubber & gums	146	146	—	—	—
4161 wood chips	268	—	224	—	43
4170 wood in the rough	19	1	18	—	—
4189 lumber	0	0	—	—	—
Subtotal pulp and waste paper	7	5	2	—	—
4225 pulp & waste paper	7	5	2	—	—
Subtotal iron ore and scrap	0	—	—	0	—
4420 iron & steel scrap	0	—	—	0	—
Subtotal non-ferrous ores and scrap	1	1	0	—	—
4650 aluminum ore	1	1	0	—	—
Subtotal sulphur, clay and salt	232	231	0	—	—
4741 sulphur, (dry)	231	231	—	—	—
4782 clay & refrac. mat.	0	—	0	—	—
Subtotal other non-metal. min.	122	122	—	—	—
4900 non-metal. min. nec	122	122	—	—	—
Total primary manufactured goods	118	73	2	43	—
Subtotal paper products	0	—	0	—	—
5190 paper products nec	0	—	0	—	—
Subtotal lime, cement and glass	0	—	0	—	—
5290 misc. mineral prod.	0	—	0	—	—
Subtotal primary iron and steel products	39	34	1	5	—
5312 pig iron	22	22	—	—	—
5320 i&s primary forms	0	0	0	—	—
5330 i&s plates & sheets	5	—	0	5	—
5360 i&s bars & shapes	4	3	1	—	—
5370 i&s pipe & tube	9	8	0	—	—
5390 primary i&s nec	0	—	0	—	—
Subtotal primary non-ferrous metal products	44	5	1	39	—
5421 copper	0	—	0	—	—
5422 aluminum	2	2	—	—	—
5429 smelted prod. nec	39	—	—	39	—
5480 fab. metal products	4	3	1	—	—
Subtotal primary wood products	34	34	—	—	—
5540 primary wood prod.	34	34	—	—	—
Total food and farm products	39	39	—	—	—
Subtotal vegetable products	0	0	—	—	—
6653 vegetable oils	0	0	—	—	—
Subtotal processed grain and animal feed	11	11	—	—	—
6782 animal feed, prep.	11	11	—	—	—
Subtotal other agricultural products	28	28	—	—	—
6871 coffee	28	28	—	—	—
Total all manufactured equipment, machinery and products	14	9	6	—	—
7110 machinery (not elec)	4	2	3	—	—
7120 electrical machinery	0	—	0	—	—
7210 vehicles & parts	2	0	2	—	—
7220 aircraft & parts	0	0	0	—	—
7300 ordnance & access.	1	—	1	—	—
7400 manufac. wood prod.	0	0	—	—	—
7500 textile products	2	2	—	—	—
7600 rubber & plastic pr.	5	5	0	—	—
7900 manufac. prod. nec	0	0	0	—	—
Total unknown or not elsewhere classified	33	0	2	32	—
9900 unknown or nec	33	0	2	32	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	1,075	63	39	627	344	1
Total chemicals and related products	1,004	9	36	621	336	1
Subtotal fertilizers	549	—	36	493	18	1
3110 nitrogenous fert.	18	—	—	3	14	1
3120 phosphatic fert.	490	—	—	490	—	—
3190 fert. & mixes nec	40	—	36	—	4	—
Subtotal other chemicals and related products	455	9	—	128	318	—
3271 sulphur (liquid)	212	9	—	—	203	—
3272 sulphuric acid	115	—	—	—	115	—
3275 inorg. elem., oxides, & halogen salts	128	—	—	128	—	—

MOREHEAD CITY HARBOR, NC
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
3286 plastics	0	—	—	0	—	—
3293 explosives	0	—	—	0	—	—
Total crude materials, inedible except fuels	64	54	1	2	8	—
Subtotal forest products, wood and chips	1	—	1	0	—	—
4189 lumber	1	—	1	0	—	—
Subtotal pulp and waste paper	2	—	—	2	—	—
4225 pulp & waste paper	2	—	—	2	—	—
Subtotal iron ore and scrap	54	54	—	—	—	—
4420 iron & steel scrap	54	54	—	—	—	—
Subtotal sulphur, clay and salt	0	—	—	—	0	—
4782 clay & refrac. mat.	0	—	—	—	0	—
Subtotal other non-metal. min.	8	—	—	—	8	—
4900 non-metal. min. nec	8	—	—	—	8	—
Total primary manufactured goods	1	—	0	1	—	—
Subtotal primary iron and steel products	1	—	0	0	—	—
5360 i&s bars & shapes	0	—	0	—	—	—
5370 i&s pipe & tube	0	—	—	0	—	—
Subtotal primary non-ferrous metal products	1	—	0	0	—	—
5480 fab. metal products	1	—	0	0	—	—
Total all manufactured equipment, machinery and products	5	—	1	4	0	—
7110 machinery (not elec)	0	—	—	—	0	—
7210 vehicles & parts	0	—	—	0	—	—
7220 aircraft & parts	0	—	—	0	—	—
7300 ordnance & access.	0	—	—	0	—	—
7500 textile products	0	—	0	0	—	—
7600 rubber & plastic pr.	1	—	1	—	—	—
7900 manufac. prod. nec	3	—	—	3	—	—

*Includes 0 (x1000) tons of foreign inbound in-transits; Includes 0 (x1000) tons of foreign outbound in-transits.

PORT OF WILMINGTON, NC (SEE ALSO WILMINGTON HARBOR NC FOR WATERWAY DATA)

Section Included: Both banks of the Cape Fear River extending from a point about 18 miles below the foot of Castle St. in Wilmington to a point about 2 miles above the Railroad Bridge at Navassa, and both banks of Northeast (Cape Fear) River from its mouth to a point about 1.67 miles above the Hilton Railroad Bridge.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	7,047	1995	7,861	1998	7,410	2001	6,206
1993	7,509	1996	7,582	1999	6,503		
1994	7,697	1997	7,441	2000	6,717		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total, all commodities	3,234	2,131	899	204
Total coal	0	—	0	—
1100 coal lignite	0	—	0	—
Total petroleum and petroleum products	550	547	3	0
Subtotal petroleum products	550	547	3	0
2211 gasoline	261	261	0	0
2221 kerosene	0	—	0	—
2330 distillate fuel oil	49	49	—	—
2340 residual fuel oil	237	237	—	—
2350 lube oil & greases	3	1	2	—
2410 petro. jelly & waxes	0	0	—	—
2429 naphtha & solvents	0	—	0	—
2540 petroleum coke	0	—	0	—
Total chemicals and related products	717	685	30	2
Subtotal fertilizers	82	82	—	—
3110 nitrogenous fert.	39	39	—	—
3130 potassic fert.	27	27	—	—
3190 fert. & mixes nec	16	16	—	—
Subtotal other chemicals and related products	635	603	30	2
3219 other hydrocarbons	76	76	0	—
3220 alcohols	468	468	0	—
3230 carboxylic acids	4	1	3	—
3240 nitrogen func. comp.	1	1	0	—
3250 organo - inorg. comp.	0	0	0	—
3260 organic comp. nec	22	22	0	—

PORT OF WILMINGTON, NC (SEE ALSO WILMINGTON HARBOR NC FOR WATERWAY DATA)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
3272 sulphuric acid	0	—	0	—
3274 sodium hydroxide	19	17	—	2
3275 inorg. elem.oxides, & halogen salts	9	8	1	—
3276 metallic salts	1	0	0	—
3279 inorganic chem. nec	0	0	0	—
3282 pigments & paints	1	0	1	—
3283 coloring mat. nec	0	0	0	—
3284 medicines	0	0	0	—
3285 perfumes & cleansers	1	0	1	—
3286 plastics	17	3	13	—
3291 pesticides	4	4	0	—
3292 starches, gluten, glue	1	0	1	—
3293 explosives	2	0	2	—
3297 chemical additives	1	0	1	—
3299 chem. products nec	8	1	7	—
Total crude materials, inedible except fuels	1,128	288	638	202
Subtotal forest products, wood and chips	243	109	133	—
4110 rubber & gums	0	0	—	—
4150 fuel wood	0	—	0	—
4161 wood chips	80	—	80	—
4170 wood in the rough	10	9	1	—
4189 lumber	153	101	52	—
4190 forest products nec	0	0	0	—
Subtotal pulp and waste paper	503	—	503	—
4225 pulp & waste paper	503	—	503	—
Subtotal soil, sand, gravel, rock and stone	238	36	0	202
4310 building stone	0	0	—	—
4322 limestone	36	36	—	—
4323 gypsum	202	—	—	202
4331 sand & gravel	0	0	0	—
Subtotal iron ore and scrap	0	—	0	—
4420 iron & steel scrap	0	—	0	—
Subtotal non-ferrous ores and scrap	2	0	2	—
4680 non-ferrous scrap	2	—	2	—
4690 non-ferrous ores nec	0	0	—	—
Subtotal sulphur, clay and salt	0	0	—	—
4782 clay & refrac. mat.	0	0	—	—
Subtotal other non-metal. min.	143	143	0	—
4900 non-metal. min. nec	143	143	0	—
Total primary manufactured goods	485	412	73	—
Subtotal paper products	38	1	37	—
5120 paper & paperboard	37	1	37	—
5190 paper products nec	1	1	0	—
Subtotal lime, cement and glass	55	53	1	—
5210 lime	1	—	1	—
5220 cement & concrete	50	50	—	—
5240 glass & glass prod.	0	0	0	—
5290 misc. mineral prod.	3	3	0	—
Subtotal primary iron and steel products	280	279	1	—
5312 pig iron	0	0	—	—
5315 ferro alloys	2	2	—	—
5320 i&s primary forms	28	28	0	—
5330 i&s plates & sheets	180	180	0	—
5360 i&s bars & shapes	45	45	0	—
5370 i&s pipe & tube	24	22	1	—
5390 primary i&s nec	1	1	0	—
Subtotal primary non-ferrous metal products	75	44	31	—
5421 copper	0	0	0	—
5422 aluminum	0	0	0	—
5429 smelted prod. nec	29	0	28	—
5480 fab. metal products	46	43	2	—
Subtotal primary wood products	37	34	3	—
5540 primary wood prod.	37	34	3	—
Total food and farm products	114	6	108	—
Subtotal grain	5	0	5	—
6344 corn	0	—	0	—
6442 rice	5	0	5	—
Subtotal oilseeds	1	—	1	—
6590 oilseeds nec	1	—	1	—
Subtotal vegetable products	1	0	0	—
6653 vegetable oils	0	—	0	—
6654 vegetables & prod.	1	0	0	—
Subtotal processed grain and animal feed	3	—	3	—
6747 grain mill products	0	—	0	—
6782 animal feed, prep.	3	—	3	—
Subtotal other agricultural products	105	6	99	—
6811 meat, fresh, frozen	44	—	44	—
6817 meat, prepared	11	—	11	—
6822 dairy products	0	—	0	—
6835 fish, prepared	0	0	0	—
6838 tallow, animal oils	0	—	0	—
6839 animals & prod. nec	15	0	15	—
6857 fruit & nuts nec	1	1	0	—

PORT OF WILMINGTON, NC (SEE ALSO WILMINGTON HARBOR NC FOR WATERWAY DATA)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
6858 fruit juices	0	0	0	—
6871 coffee	0	—	0	—
6885 alcoholic beverages	0	0	0	—
6889 food products nec	0	0	0	—
6891 tobacco & products	20	5	15	—
6893 cotton	14	—	14	—
6894 natural fibers nec	0	—	0	—
6899 farm products nec	0	0	—	—
Total all manufactured equipment, machinery and products	206	181	24	—
7110 machinery (not elec)	25	16	10	—
7120 electrical machinery	14	9	5	—
7210 vehicles & parts	5	3	3	—
7220 aircraft & parts	0	—	0	—
7230 ships & boats	0	0	0	—
7300 ordnance & access.	2	1	0	—
7400 manufac. wood prod.	6	6	0	—
7500 textile products	37	34	3	—
7600 rubber & plastic pr.	25	24	1	—
7900 manufac. prod. nec	91	88	3	—
Total unknown or not elsewhere classified	34	11	23	—
9900 unknown or nec	34	11	23	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	2,972	2,080	25	61	802	3
Total petroleum and petroleum products	1,782	1,360	20	16	383	3
Subtotal petroleum products	1,782	1,360	20	16	383	3
2211 gasoline	570	560	10	0	—	—
2330 distillate fuel oil	218	209	—	9	—	—
2340 residual fuel oil	798	405	—	7	383	3
2429 naphtha & solvents	35	34	1	—	—	—
2430 asphalt, tar & pitch	161	152	9	—	—	—
2640 liquid natural gas	0	—	—	0	—	—
Total chemicals and related products	1,115	721	6	0	388	—
Subtotal fertilizers	2	—	—	—	2	—
3110 nitrogenous fert.	2	—	—	—	2	—
Subtotal other chemicals and related products	1,113	721	6	0	387	—
3212 benzene & toluene	4	4	—	—	—	—
3219 other hydrocarbons	961	591	—	—	370	—
3220 alcohols	49	29	6	—	15	—
3274 sodium hydroxide	97	97	—	—	—	—
3276 metallic salts	0	—	—	0	—	—
3293 explosives	0	—	—	—	0	—
3298 wood & resin chem.	2	—	—	—	2	—
Total crude materials, inedible except fuels	58	—	—	32	26	—
Subtotal forest products, wood and chips	6	—	—	6	—	—
4189 lumber	6	—	—	6	—	—
Subtotal pulp and waste paper	26	—	—	—	26	—
4225 pulp & waste paper	26	—	—	—	26	—
Subtotal soil, sand, gravel, rock and stone	22	—	—	22	—	—
4331 sand & gravel	14	—	—	14	—	—
4338 soil & fill dirt	8	—	—	8	—	—
Subtotal slag	3	—	—	3	—	—
4860 slag	3	—	—	3	—	—
Total primary manufactured goods	10	—	—	10	—	—
Subtotal lime, cement and glass	9	—	—	9	—	—
5290 misc. mineral prod.	9	—	—	9	—	—
Subtotal primary iron and steel products	0	—	—	0	—	—
5370 i&s pipe & tube	0	—	—	0	—	—
Subtotal primary non-ferrous metal products	1	—	—	1	—	—
5480 fab. metal products	1	—	—	1	—	—
Total food and farm products	0	—	—	0	—	—
Subtotal other agricultural products	0	—	—	0	—	—
6899 farm products nec	0	—	—	0	—	—
Total all manufactured equipment, machinery and products	7	—	—	4	4	—
7110 machinery (not elec)	0	—	—	0	0	—
7210 vehicles & parts	0	—	—	—	0	—
7220 aircraft & parts	0	—	—	—	0	—

PORT OF WILMINGTON, NC (SEE ALSO WILMINGTON HARBOR NC FOR WATERWAY DATA)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
7300 ordnance & access.	0	—	—	—	0	—
7400 manufac. wood prod.	3	—	—	3	—	—
7900 manufac. prod. nec	3	—	—	—	3	—

*Includes 1 (x1000) tons of foreign inbound in-transits; Includes 12 (x1000) tons of foreign outbound in-transits.

WILMINGTON HARBOR, NC (SEE ALSO PORT OF WILMINGTON, NC FOR PORT DATA)

Section Included: From 1.67 miles above the Hilton Bridge at Wilmington to the ocean, 33.67 miles. Controlling Depth: 38 feet to the Anchorage Basin; other channels range from 24 to 32 feet. Project Depth: 40 feet over ocean bar to Southport; 38 feet from Southport to Wilmington Harbor Anchorage Basin; 32 feet from Anchorage Basin; to Hilton R. R. Bridge; 25 feet from Hilton R. R. Bridge to 1.67 miles above. All at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	7,226	1995	8,111	1998	8,030	2001	7,287
1993	7,813	1996	8,121	1999	7,604		
1994	7,913	1997	8,131	2000	7,788		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign				Canadian	
		Inbound*	Outbound*	Through		Inbound	Through Upbound
				Upbound	Downbnd		
Total, all commodities	3,988	2,204	899	573	31	239	43
Total coal	0	—	0	—	—	—	—
1100 coal lignite	0	—	0	—	—	—	—
Total petroleum and petroleum products	550	547	3	—	—	0	—
Subtotal petroleum products	550	547	3	—	—	0	—
2211 gasoline	261	261	0	—	—	0	—
2221 kerosene	0	—	0	—	—	—	—
2330 distillate fuel oil	49	49	—	—	—	—	—
2340 residual fuel oil	237	237	—	—	—	—	—
2350 lube oil & greases	3	1	2	—	—	—	—
2410 petro. jelly & waxes	0	0	—	—	—	—	—
2429 naphtha & solvents	0	—	0	—	—	—	—
2540 petroleum coke	0	—	0	—	—	—	—
Total chemicals and related products	1,175	693	30	406	10	37	—
Subtotal fertilizers	321	82	—	238	—	—	—
3110 nitrogenous fert.	259	39	—	220	—	—	—
3130 potassic fert.	27	27	—	—	—	—	—
3190 fert. & mixes nec	34	16	—	18	—	—	—
Subtotal other chemicals and related products	855	611	30	168	10	37	—
3219 other hydrocarbons	76	76	0	—	—	—	—
3220 alcohols	559	468	0	91	—	—	—
3230 carboxylic acids	4	1	3	—	—	—	—
3240 nitrogen func. comp.	1	1	0	—	—	—	—
3250 organo - inorg. comp.	0	0	0	—	—	—	—
3260 organic comp. nec	36	22	0	14	—	—	—
3272 sulphuric acid	85	8	0	43	—	35	—
3274 sodium hydroxide	39	17	—	20	—	2	—
3275 inorg. elem., oxides, & halogen salts	9	8	1	—	—	—	—
3276 metallic salts	1	0	0	—	—	—	—
3279 inorganic chem. nec	10	0	0	—	10	—	—
3282 pigments & paints	1	0	1	—	—	—	—
3283 coloring mat. nec	0	0	0	—	—	—	—
3284 medicines	0	0	0	—	—	—	—
3285 perfumes & cleansers	1	0	1	—	—	—	—
3286 plastics	17	3	13	—	—	—	—
3291 pesticides	4	4	0	—	—	—	—
3292 starches, gluten, glue	1	0	1	—	—	—	—
3293 explosives	2	0	2	—	—	—	—
3297 chemical additives	1	0	1	—	—	—	—
3299 chem. products nec	8	1	7	—	—	—	—
Total crude materials, inedible except fuels	1,353	288	638	161	22	202	43
Subtotal forest products, wood and chips	243	109	133	—	—	—	—
4110 rubber & gums	0	0	—	—	—	—	—
4150 fuel wood	0	—	0	—	—	—	—
4161 wood chips	80	—	80	—	—	—	—
4170 wood in the rough	10	9	1	—	—	—	—
4189 lumber	153	101	52	—	—	—	—
4190 forest products nec	0	0	0	—	—	—	—

WILMINGTON HARBOR, NC (SEE ALSO PORT OF WILMINGTON, NC FOR PORT DATA)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian	
		Inbound*	Outbound*	Through		Inbound	Through
				Upbound	Downbnd		Upbound
Subtotal pulp and waste paper	503	---	503	---	---	---	---
4225 pulp & waste paper	503	---	503	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	280	36	0	---	---	202	43
4310 building stone	43	0	---	---	---	---	43
4322 limestone	36	36	---	---	---	---	---
4323 gypsum	202	---	---	---	---	202	---
4331 sand & gravel	0	0	0	---	---	---	---
Subtotal iron ore and scrap	0	---	0	---	---	---	---
4420 iron & steel scrap	0	---	0	---	---	---	---
Subtotal non-ferrous ores and scrap	41	0	2	39	---	---	---
4680 non-ferrous scrap	2	---	2	---	---	---	---
4690 non-ferrous ores nec	39	0	---	39	---	---	---
Subtotal sulphur, clay and salt	0	0	---	---	---	---	---
4782 clay & refrac. mat.	0	0	---	---	---	---	---
Subtotal other non-metal. min.	287	143	0	122	22	---	---
4900 non-metal. min. nec	287	143	0	122	22	---	---
Total primary manufactured goods	490	412	73	5	---	---	---
Subtotal paper products	38	1	37	---	---	---	---
5120 paper & paperboard	37	1	37	---	---	---	---
5190 paper products nec	1	1	0	---	---	---	---
Subtotal lime, cement and glass	55	53	1	---	---	---	---
5210 lime	1	---	1	---	---	---	---
5220 cement & concrete	50	50	---	---	---	---	---
5240 glass & glass prod.	0	0	0	---	---	---	---
5290 misc. mineral prod.	3	3	0	---	---	---	---
Subtotal primary iron and steel products	286	279	1	5	---	---	---
5312 pig iron	0	0	---	---	---	---	---
5315 ferro alloys	2	2	---	---	---	---	---
5320 i&s primary forms	28	28	0	---	---	---	---
5330 i&s plates & sheets	180	180	0	---	---	---	---
5360 i&s bars & shapes	50	45	0	5	---	---	---
5370 i&s pipe & tube	24	22	1	---	---	---	---
5390 primary i&s nec	1	1	0	---	---	---	---
Subtotal primary non-ferrous metal products	75	44	31	---	---	---	---
5421 copper	0	0	0	---	---	---	---
5422 aluminum	0	0	0	---	---	---	---
5429 smelted prod. nec	29	0	28	---	---	---	---
5480 fab. metal products	46	43	2	---	---	---	---
Subtotal primary wood products	37	34	3	---	---	---	---
5540 primary wood prod.	37	34	3	---	---	---	---
Total food and farm products	179	71	108	---	---	---	---
Subtotal grain	5	0	5	---	---	---	---
6344 corn	0	---	0	---	---	---	---
6442 rice	5	0	5	---	---	---	---
Subtotal oilseeds	1	---	1	---	---	---	---
6590 oilseeds nec	1	---	1	---	---	---	---
Subtotal vegetable products	1	0	0	---	---	---	---
6653 vegetable oils	0	---	0	---	---	---	---
6654 vegetables & prod.	1	0	0	---	---	---	---
Subtotal processed grain and animal feed	3	---	3	---	---	---	---
6747 grain mill products	0	---	0	---	---	---	---
6782 animal feed, prep.	3	---	3	---	---	---	---
Subtotal other agricultural products	170	71	99	---	---	---	---
6811 meat, fresh, frozen	44	---	44	---	---	---	---
6817 meat, prepared	11	---	11	---	---	---	---
6822 dairy products	0	---	0	---	---	---	---
6835 fish, prepared	0	0	0	---	---	---	---
6838 tallow, animal oils	0	---	0	---	---	---	---
6839 animals & prod. nec	15	0	15	---	---	---	---
6857 fruit & nuts nec	1	1	0	---	---	---	---
6858 fruit juices	0	0	0	---	---	---	---
6865 molasses	65	65	---	---	---	---	---
6871 coffee	0	---	0	---	---	---	---
6885 alcoholic beverages	0	0	0	---	---	---	---
6889 food products nec	0	0	0	---	---	---	---
6891 tobacco & products	20	5	15	---	---	---	---
6893 cotton	14	---	14	---	---	---	---
6894 natural fibers nec	0	---	0	---	---	---	---
6899 farm products nec	0	0	---	---	---	---	---
Total all manufactured equipment, machinery and products	206	181	24	---	---	---	---
7110 machinery (not elec)	25	16	10	---	---	---	---
7120 electrical machinery	14	9	5	---	---	---	---
7210 vehicles & parts	5	3	3	---	---	---	---
7220 aircraft & parts	0	---	0	---	---	---	---
7230 ships & boats	0	0	0	---	---	---	---
7300 ordnance & access.	2	1	0	---	---	---	---
7400 manufac. wood prod.	6	6	0	---	---	---	---
7500 textile products	37	34	3	---	---	---	---

WILMINGTON HARBOR, NC (SEE ALSO PORT OF WILMINGTON, NC FOR PORT DATA)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign				Canadian	
		Inbound*	Outbound*	Through		Inbound	Through Upbound
				Upbound	Downbnd		
7600 rubber & plastic pr.	25	24	1	—	—	—	—
7900 manufac. prod. nec	91	88	3	—	—	—	—
Total unknown or not elsewhere classified	34	11	23	—	—	—	—
9900 unknown or nec	34	11	23	—	—	—	—
Ton-miles (x1000) Foreign & Canadian	111,895	59,674	25,163	18,901	1,036	5,713	1,408

Commodity	Total	Coastwise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
Total, all commodities	2,390	2,080	25	281	2
Total petroleum and petroleum products	1,498	1,360	20	118	—
Subtotal petroleum products	1,498	1,360	20	118	—
2211 gasoline	570	560	10	—	—
2330 distillate fuel oil	209	209	—	—	—
2340 residual fuel oil	405	405	—	—	—
2429 naphtha & solvents	35	34	1	—	—
2430 asphalt, tar & pitch	279	152	9	118	—
Total chemicals and related products	890	721	6	163	—
Subtotal other chemicals and related products	890	721	6	163	—
3212 benzene & toluene	4	4	—	—	—
3219 other hydrocarbons	591	591	—	—	—
3220 alcohols	69	29	6	35	—
3274 sodium hydroxide	225	97	—	128	—
Total crude materials, inedible except fuels	1	—	—	—	1
Subtotal forest products, wood and chips	1	—	—	—	1
4189 lumber	1	—	—	—	1
Total primary manufactured goods	0	—	—	—	0
Subtotal primary iron and steel products	0	—	—	—	0
5360 i&s bars & shapes	0	—	—	—	0
Subtotal primary non-ferrous metal products	0	—	—	—	0
5480 fab. metal products	0	—	—	—	0
Total all manufactured equipment, machinery and products	1	—	—	—	1
7500 textile products	0	—	—	—	0
7600 rubber & plastic pr.	1	—	—	—	1
Ton-miles (x1000) Coastwise	67,713	57,712	699	9,283	19

Commodity	Total	Internal						
		Inbound		Outbound		Through		Intra Downbnd
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	
Total, all commodities	910	20	2	699	103	33	9	45
Total petroleum and petroleum products	404	16	2	313	71	—	—	4
Subtotal petroleum products	404	16	2	313	71	—	—	4
2211 gasoline	0	—	—	—	—	—	—	0
2330 distillate fuel oil	9	9	—	—	—	—	—	1
2340 residual fuel oil	395	7	2	313	71	—	—	3
2640 liquid natural gas	0	—	—	—	—	—	—	0
Total chemicals and related products	389	—	—	386	2	0	—	0
Subtotal fertilizers	2	—	—	—	2	—	—	—
3110 nitrogenous fert.	2	—	—	—	2	—	—	—
Subtotal other chemicals and related products	387	—	—	386	0	0	—	0
3219 other hydrocarbons	370	—	—	370	—	—	—	—
3220 alcohols	15	—	—	15	—	—	—	—
3276 metallic salts	0	—	—	—	—	—	—	0
3286 plastics	0	—	—	—	—	0	—	—
3293 explosives	0	—	—	—	0	—	—	—
3298 wood & resin chem.	2	—	—	2	—	—	—	—
Total crude materials, inedible except fuels	67	3	—	—	26	0	8	29
Subtotal forest products, wood and chips	7	—	—	—	—	0	—	6

WILMINGTON HARBOR, NC (SEE ALSO PORT OF WILMINGTON, NC FOR PORT DATA)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Internal						
		Inbound		Outbound		Through		Intra
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Downbnd
4189 lumber	7	---	---	---	---	0	---	6
Subtotal pulp and waste paper	26	---	---	---	26	---	---	---
4225 pulp & waste paper	26	---	---	---	26	---	---	---
Subtotal soil, sand, gravel, rock and stone	22	---	---	---	---	---	---	22
4331 sand & gravel	14	---	---	---	---	---	---	14
4338 soil & fill dirt	8	---	---	---	---	---	---	8
Subtotal sulphur, clay and salt	0	---	---	---	---	---	0	---
4782 clay & refrac. mat.	0	---	---	---	---	---	0	---
Subtotal slag	3	3	---	---	---	---	---	---
4860 slag	3	3	---	---	---	---	---	---
Subtotal other non-metal. min.	8	---	---	---	---	---	8	---
4900 non-metal. min. nec	8	---	---	---	---	---	8	---
Total primary manufactured goods	42	1	---	---	---	32	---	9
Subtotal lime, cement and glass	9	---	---	---	---	---	---	9
5290 misc. mineral prod.	9	---	---	---	---	---	---	9
Subtotal primary iron and steel products	25	---	---	---	---	25	---	0
5312 pig iron	24	---	---	---	---	24	---	---
5370 i&s pipe & tube	0	---	---	---	---	0	---	0
Subtotal primary non-ferrous metal products	9	1	---	---	---	8	---	0
5480 fab. metal products	9	1	---	---	---	8	---	0
Total food and farm products	0	---	---	---	---	---	---	0
Subtotal other agricultural products	0	---	---	---	---	---	---	0
6899 farm products nec	0	---	---	---	---	---	---	0
Total all manufactured equipment, machinery and products	8	0	---	---	4	0	0	3
7110 machinery (not elec)	1	0	---	---	---	0	---	0
7210 vehicles & parts	0	---	---	---	0	---	---	---
7220 aircraft & parts	0	---	---	---	0	---	---	---
7300 ordnance & access.	0	---	---	---	0	---	---	---
7400 manufac. wood prod.	3	---	---	---	---	---	---	3
7500 textile products	0	---	---	---	---	0	---	---
7900 manufac. prod. nec	4	---	---	---	3	0	0	---
Ton-miles (x1000)	5,786	427	0	3,182	1,587	264	69	257
Internal								
Tons All Traffic (x1000)		7,287						
Ton-miles All Traffic (x1000)		185,394						

*Includes 1 (x1000) tons of foreign inbound in-transits; Includes 12 (x1000) tons of foreign outbound in-transits.

NORTHEAST (CAPE FEAR) RIVER, NC

Section Included: From 1.67 miles above Hilton Bridge at Wilmington to Kornegays Bridge, 103 miles above the mouth. Controlling Depth: 13 feet to a point 30 miles above the mouth, and 3 feet to Crooms Bridge, 56 miles above the mouth at all stages. Project: Clearing of natural channel by snagging, 103 miles. Navigation Season: Entire year over lower 56 miles, upper portion only during freshet stages.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	613	1995	637	1998	1,173	2001	1,460
1993	603	1996	976	1999	1,626		
1994	638	1997	1,137	2000	1,541		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound	Inbound	Total	Coastwise Receipts	Internal	
							Inbound Upbound	Intra Upbound
Total, all commodities	1,460	573	31	43	813	281	519	13
Total petroleum and petroleum products	252	---	---	---	252	118	134	---
Subtotal petroleum products	252	---	---	---	252	118	134	---
2340 residual fuel oil	134	---	---	---	134	---	134	---
2430 asphalt, tar & pitch	118	---	---	---	118	118	---	---
Total chemicals and related products	976	406	10	---	560	163	385	13
Subtotal fertilizers	238	238	---	---	---	---	---	---
3110 nitrogenous fert.	220	220	---	---	---	---	---	---
3190 fert. & mixes nec	18	18	---	---	---	---	---	---
Subtotal other chemicals and related products	738	168	10	---	560	163	385	13
3219 other hydrocarbons	370	---	---	---	370	---	370	---
3220 alcohols	153	91	---	---	63	35	15	13
3260 organic comp. nec	14	14	---	---	---	---	---	---
3272 sulphuric acid	43	43	---	---	---	---	---	---
3274 sodium hydroxide	148	20	---	---	128	128	---	---
3279 inorganic chem. nec	10	---	10	---	---	---	---	---
Total crude materials, inedible except fuels	226	161	22	43	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	43	---	---	43	---	---	---	---
4310 building stone	43	---	---	43	---	---	---	---
Subtotal non-ferrous ores and scrap	39	39	---	---	---	---	---	---
4690 non-ferrous ores nec	39	39	---	---	---	---	---	---
Subtotal other non-metal. min.	144	122	22	---	---	---	---	---
4900 non-metal. min. nec	144	122	22	---	---	---	---	---
Total primary manufactured goods	5	5	---	---	---	---	---	---
Subtotal primary iron and steel products	5	5	---	---	---	---	---	---
5360 i&s bars & shapes	5	5	---	---	---	---	---	---
Ton-miles (x1000)	34,654	0	0	0	34,654	11,252	23,338	64
Tons All Traffic (x1000)		1,460						
Ton-miles All Traffic (x1000)		34,654						

Other Harbors and Waterways 2001

Harbor or Waterway Project	Commodity	Thousand Short Tons
ATLANTIC BEACH CHANNELS, NC	No Commerce Reported	
AVON HARBOR, NC	No Commerce Reported	
BAY RIVER, NC	No Commerce Reported	
BEAUFORT HARBOR, NC	No Commerce Reported	
BELHAVEN HARBOR, NC	6522 soybeans	9
	Total Tons(x1000)	9
CAPE FEAR RIVER ABOVE WILMINGTON, NC	2340 residual fuel oil	182
	3298 wood & resin chem.	59
	Total Tons(x1000)	240
	Total Ton-miles(x1000)	5,739
CASHIE RIVER, NC	No Commerce Reported	
CHANNEL CONNECTING THOROUGHFARE BAY WITH CEDAR BAY, NC	No Commerce Reported	
CHANNEL FROM BACK SOUND TO LOOKOUT BIGHT, NC	No Commerce Reported	
CHANNEL FROM PAMLICO SOUND TO RODANTHE, NC	No Commerce Reported	
CHANNEL TO BOGUE INLET, NC	No Commerce Reported	
CHOWAN RIVER, NC	4420 iron & steel scrap	101
	5312 pig iron	22
	5480 fab. metal products	3
	Total Tons(x1000)	125
	Total Ton-miles(x1000)	5,259
DRUM INLET, NC	No Commerce Reported	
EDENTON HARBOR, NC	5312 pig iron	3
	5480 fab. metal products	5
	Total Tons(x1000)	8
FAR CREEK, NC	No Commerce Reported	
KNOBBS CREEK, NC	No Commerce Reported	
LOCKWOODS FOLLY RIVER, NC	No Commerce Reported	
MACKAY CREEK, NC	No Commerce Reported	
MANNS HARBOR, NC	No Commerce Reported	
MANTEO (SHALLOWBAG) BAY, NC	No Commerce Reported	
NEUSE RIVER, NC	2340 residual fuel oil	59
	3110 nitrogenous fert.	15
	Total Tons(x1000)	74
	Total Ton-miles(x1000)	2,074

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
NEW RIVER, NC	No Commerce Reported	
OCRACOKE INLET, NC	No Commerce Reported	
PERQUIMANS RIVER, NC	No Commerce Reported	
ROANOKE RIVER, NC	3110 nitrogenous fert.	5
	Total Tons(x1000)	5
	Total Ton-miles(x1000)	201
ROLLINSON CHANNEL, NC	No Commerce Reported	
SCUPPERNONG RIVER, NC	No Commerce Reported	
SHALLOTTE RIVER, NC	No Commerce Reported	
SILVER LAKE HARBOR, NC	No Commerce Reported	
SMITHS CREEK (PAMLICO COUNTY), NC	No Commerce Reported	
SMITHS CREEK (WILMINGTON), NC	No Commerce Reported	
SOUTH RIVER, NC	7110 machinery (not elec)	0
	Total Tons(x1000)	0
	Total Ton-miles(x1000)	4
STUMPY POINT BAY, NC	No Commerce Reported	
TRENT RIVER, NC	No Commerce Reported	
WANCHESE HARBOR, NC (INCLUDED IN MANTEO) (SHALLOWBAG BAY, NC)	No Commerce Reported	
WATERWAY - NORFOLK, VA TO SOUNDS OF NC	No Commerce Reported	
WATERWAY CONNECTING PAMLICO SOUND AND BEAUFORT HARBOR, NC	No Commerce Reported	
WATERWAY CONNECTING SWAN QUARTER BAY WITH DEEP BAY, NC	No Commerce Reported	
WRIGHTS CREEK, NC	No Commerce Reported	

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (CHARLESTON DISTRICT)

Section Included: From Little River, SC, to Port Royal Sound, SC, with a branch channel to McClellanville, SC. Controlling Depth: 8.4 feet at mean low water for 90 feet width from Little River to Winyah Bay, 7.5 feet for 90 feet width from Winyah Bay to Charleston; 10.6 feet for 90 feet width in McClellanville Branch Channel and 10 feet for 90 feet width from Charleston to Port Royal Sound. Project Depth: 12 feet at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	259	1995	300	1998	193	2001	263
1993	470	1996	350	1999	296		
1994	348	1997	294	2000	378		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic			
		Coastwise Through	Internal		Downbnd
			Inbound	Through	
		Downbnd	Upbound	Upbound	Downbnd
Total, all commodities	262	2	15	131	114
Total petroleum and petroleum products	100	---	13	76	11
Subtotal petroleum products	100	---	13	76	11
2211 gasoline	17	---	13	4	---
2330 distillate fuel oil	26	---	---	26	---
2340 residual fuel oil	57	---	---	46	11
Total chemicals and related products	3	---	2	0	---
Subtotal other chemicals and related products	3	---	2	0	---
3274 sodium hydroxide	2	---	2	---	---
3286 plastics	0	---	---	0	---
Total crude materials, inedible except fuels	109	1	---	6	102
Subtotal forest products, wood and chips	1	1	---	0	---
4189 lumber	1	1	---	0	---
Subtotal pulp and waste paper	93	---	---	0	92
4225 pulp & waste paper	93	---	---	0	92
Subtotal soil, sand, gravel, rock and stone	0	---	---	0	---
4331 sand & gravel	0	---	---	0	---
Subtotal sulphur, clay and salt	5	---	---	5	0
4782 clay & refrac. mat.	5	---	---	5	0
Subtotal other non-metal. min.	10	---	---	0	9
4900 non-metal. min. nec	10	---	---	0	9
Total primary manufactured goods	49	0	---	48	0
Subtotal paper products	10	---	---	10	---
5120 paper & paperboard	10	---	---	10	---
Subtotal primary iron and steel products	30	0	---	30	---
5312 pig iron	29	---	---	29	---
5360 i&s bars & shapes	0	0	---	---	---
5370 i&s pipe & tube	0	---	---	0	---
Subtotal primary non-ferrous metal products	9	0	---	9	0
5480 fab. metal products	9	0	---	9	0
Total all manufactured equipment, machinery and products	2	1	---	0	---
7110 machinery (not elec)	0	---	---	0	---
7500 textile products	0	0	---	0	---
7600 rubber & plastic pr.	1	1	---	---	---
7900 manufac. prod. nec	0	---	---	0	---
Ton-miles (x1000)	24,453	499	182	14,111	9,661
Tons All Traffic (x1000)					263
Ton-miles All Traffic (x1000)					24,527

GEORGETOWN HARBOR, SC (WINYAH BAY)

Section Included: Atlantic Ocean Entrance to Winyah Bay, SC, to and including turning basin in Sampit River at the City of Georgetown, SC. Controlling Depth: 18.2 feet at mean low water for 600-foot width from the ocean to Range C; thence 25.8 feet for 400-foot width to Range D, thence 24.8 feet for 300-foot width to mouth of Sampit River; thence 26.9 feet for 300-foot width to head of the project; Sampit River bypass channel 7.3 feet for 100-foot width. Project Depth: 27 feet at mean low water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	955	1995	1,234	1998	1,631	2001	1,362
1993	1,113	1996	1,379	1999	1,269		
1994	706	1997	1,535	2000	2,009		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound	Inbound	Total	Coastwise	Internal	
						Shipments	Receipts	Shipments
Total, all commodities	1,362	948	142	176	97	15	14	68
Total coal	15	---	---	---	15	15	---	---
1100 coal lignite	15	---	---	---	15	15	---	---
Total petroleum and petroleum products	10	---	---	---	10	---	9	0
Subtotal petroleum products	10	---	---	---	10	---	9	0
2340 residual fuel oil	10	---	---	---	10	---	9	0
Total crude materials, inedible except fuels	793	449	100	176	68	---	---	68
Subtotal pulp and waste paper	118	---	50	---	68	---	---	68
4225 pulp & waste paper	118	---	50	---	68	---	---	68
Subtotal soil, sand, gravel, rock and stone	117	87	---	29	---	---	---	---
4322 limestone	58	58	---	---	---	---	---	---
4331 sand & gravel	58	29	---	29	---	---	---	---
Subtotal iron ore and scrap	459	276	36	147	---	---	---	---
4410 iron ore	459	276	36	147	---	---	---	---
Subtotal other non-metal. min.	100	86	14	---	---	---	---	---
4900 non-metal. min. nec	100	86	14	---	---	---	---	---
Total primary manufactured goods	545	499	41	---	5	---	5	---
Subtotal lime, cement and glass	343	315	28	---	---	---	---	---
5220 cement & concrete	343	315	28	---	---	---	---	---
Subtotal primary iron and steel products	196	177	13	---	5	---	5	---
5312 pig iron	32	27	---	---	5	---	5	---
5315 ferro alloys	20	16	3	---	---	---	---	---
5360 i&s bars & shapes	140	130	10	---	---	---	---	---
5390 primary i&s nec	5	5	---	---	---	---	---	---
Subtotal primary non-ferrous metal products	6	6	---	---	---	---	---	---
5480 fab. metal products	6	6	---	---	---	---	---	---

CHARLESTON HARBOR, SC (INCLUDING ASHLEY RIVER, COOPER RIVER, SHEM CREEK AND SHIPYARD RIVER, SC)

Section Included: Ocean to Goose Creek via Cooper River and Town Creek; to the Standard Wharf on Ashley River; to the Mount Pleasant Memorial Highway Bridge on Shem Creek; to the Airco Alloys Wharf on Shipyard River; Wando River to Cainhoy. Controlling Depth: 40 feet for 800 foot width across the entrance channel; thence 26.7 feet for project widths to head of project (15.7 miles); Shipyard River 28.4 feet to head of project (1.2 miles), Wando River controlling depth 41.6 feet for 400 foot widths to head of project. Project Depth: Charleston Harbor 40 feet; Shem Creek 10 feet; Ashley River 30 feet; Shipyard River 36 feet; Wando River 40 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	9,650	1995	11,172	1998	18,689	2001	23,250
1993	9,503	1996	11,083	1999	19,916		
1994	10,830	1997	17,874	2000	21,082		

Footnote: Beginning in CY1997, the Wando River NS tonnage included in Charleston Harbor, SC.

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total, all commodities	17,127	10,851	6,011	265
Total coal	200	198	2	---
1100 coal lignite	200	198	2	---
1200 coal coke	0	0	0	---

CHARLESTON HARBOR, SC (INCLUDING ASHLEY RIVER, COOPER RIVER, SHEM CREEK AND SHIPYARD RIVER, SC)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
Total petroleum and petroleum products	1,132	1,091	18	23
Subtotal crude petroleum	0	0	---	---
2100 crude petroleum	0	0	---	---
Subtotal petroleum products	1,132	1,091	18	23
2211 gasoline	496	473	0	23
2221 kerosene	19	18	0	---
2330 distillate fuel oil	105	105	0	---
2340 residual fuel oil	95	95	0	---
2350 lube oil & greases	10	2	8	---
2410 petro. jelly & waxes	4	4	0	---
2429 naphtha & solvents	4	0	4	---
2430 asphalt, tar & pitch	2	2	0	---
2540 petroleum coke	397	391	6	---
2640 liquid natural gas	0	0	0	---
Total chemicals and related products	2,062	821	1,227	13
Subtotal fertilizers	40	24	8	8
3110 nitrogenous fert.	5	5	0	---
3120 phosphatic fert.	6	1	4	---
3130 potassic fert.	12	4	0	8
3190 fert. & mixes nec	17	13	4	---
Subtotal other chemicals and related products	2,021	798	1,219	5
3211 acyclic hydrocarbons	6	0	6	---
3212 benzene & toluene	1	0	0	---
3219 other hydrocarbons	20	8	11	---
3220 alcohols	105	90	15	---
3230 carboxylic acids	199	83	116	---
3240 nitrogen func. comp.	35	24	12	---
3250 organo - inorg. comp.	45	16	29	---
3260 organic comp. nec	91	18	73	---
3272 sulphuric acid	0	0	0	---
3273 ammonia	0	---	0	---
3274 sodium hydroxide	33	26	1	5
3275 inorg. elem., oxides, & halogen salts	173	65	108	---
3276 metallic salts	113	54	59	---
3279 inorganic chem. nec	18	5	13	---
3281 radioactive material	2	2	0	---
3282 pigments & paints	30	10	21	---
3283 coloring mat. nec	28	23	5	---
3284 medicines	19	10	9	---
3285 perfumes & cleansers	62	23	39	---
3286 plastics	670	167	502	---
3291 pesticides	39	15	24	---
3292 starches, gluten, glue	49	34	16	---
3293 explosives	0	0	0	---
3297 chemical additives	5	1	5	---
3298 wood & resin chem.	17	2	16	---
3299 chem. products nec	258	121	137	---
Total crude materials, inedible except fuels	3,614	2,383	1,061	170
Subtotal forest products, wood and chips	615	492	123	---
4110 rubber & gums	86	84	2	---
4150 fuel wood	0	0	0	---
4161 wood chips	0	0	0	---
4170 wood in the rough	51	45	6	---
4189 lumber	462	351	111	---
4190 forest products nec	15	11	4	---
Subtotal pulp and waste paper	580	14	566	---
4225 pulp & waste paper	580	14	566	---
Subtotal soil, sand, gravel, rock and stone	245	50	25	170
4310 building stone	18	18	0	---
4322 limestone	1	1	0	---
4323 gypsum	28	28	1	---
4331 sand & gravel	197	3	24	170
Subtotal iron ore and scrap	870	868	2	---
4410 iron ore	531	531	0	---
4420 iron & steel scrap	339	337	2	---
Subtotal marine shells	0	0	---	---
4515 marine shells	0	0	---	---
Subtotal non-ferrous ores and scrap	817	786	31	---
4650 aluminum ore	769	767	2	---
4680 non-ferrous scrap	34	17	17	---
4690 non-ferrous ores nec	14	1	12	---
Subtotal sulphur, clay and salt	314	11	304	---
4741 sulphur, (dry)	0	0	0	---
4782 clay & refrac. mat.	314	10	304	---
Subtotal slag	0	0	0	---
4860 slag	0	0	0	---
Subtotal other non-metal. min.	172	162	10	---
4900 non-metal. min. nec	172	162	10	---
Total primary manufactured goods	4,069	2,964	1,046	59
Subtotal paper products	1,010	269	740	---
5110 newsprint	30	1	29	---
5120 paper & paperboard	905	241	664	---

CHARLESTON HARBOR, SC (INCLUDING ASHLEY RIVER, COOPER RIVER, SHEM CREEK AND SHIPYARD RIVER, SC)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound
5190 paper products nec	74	28	47	—
Subtotal lime, cement and glass	1,192	1,112	80	0
5210 lime	0	0	0	—
5220 cement & concrete	870	870	0	—
5240 glass & glass prod.	87	44	43	0
5290 misc. mineral prod.	235	199	36	0
Subtotal primary iron and steel products	905	889	16	—
5312 pig iron	701	700	0	—
5315 ferro alloys	3	3	0	—
5320 i&s primary forms	61	59	2	—
5330 i&s plates & sheets	26	22	4	—
5360 i&s bars & shapes	57	56	2	—
5370 i&s pipe & tube	26	21	4	—
5390 primary i&s nec	31	27	4	—
Subtotal primary non-ferrous metal products	856	613	185	59
5421 copper	34	19	15	—
5422 aluminum	115	46	37	32
5429 smelted prod. nec	355	251	77	27
5480 fab. metal products	352	296	56	—
Subtotal primary wood products	107	81	26	0
5540 primary wood prod.	107	81	26	0
Total food and farm products	1,849	762	1,088	—
Subtotal fish	55	50	5	—
6134 fish (not shellfish)	33	30	4	—
6136 shellfish	22	21	1	—
Subtotal grain	98	2	96	—
6241 wheat	85	0	85	—
6344 corn	5	0	5	—
6442 rice	8	2	6	—
6445 oats	0	—	0	—
6447 sorghum grains	0	0	—	—
Subtotal oilseeds	22	12	10	—
6521 peanuts	20	11	9	—
6522 soybeans	1	0	1	—
6590 oilseeds nec	2	1	1	—
Subtotal vegetable products	108	75	33	—
6653 vegetable oils	25	15	10	—
6654 vegetables & prod.	83	60	23	—
Subtotal processed grain and animal feed	128	25	103	—
6746 wheat flour	0	0	0	—
6747 grain mill products	19	10	10	—
6781 hay & fodder	0	0	0	—
6782 animal feed, prep.	108	15	93	—
Subtotal other agricultural products	1,438	598	840	—
6811 meat, fresh, frozen	427	7	421	—
6817 meat, prepared	10	2	8	—
6822 dairy products	5	3	2	—
6835 fish, prepared	27	27	0	—
6838 tallow, animal oils	3	2	2	—
6839 animals & prod. nec	26	4	23	—
6856 bananas & plantains	1	1	0	—
6857 fruit & nuts nec	111	19	93	—
6858 fruit juices	61	37	24	—
6861 sugar	2	1	0	—
6865 molasses	0	0	0	—
6871 coffee	119	118	1	—
6872 cocoa beans	5	4	1	—
6885 alcoholic beverages	221	170	51	—
6888 water & ice	5	5	0	—
6889 food products nec	130	73	57	—
6891 tobacco & products	125	63	62	—
6893 cotton	144	56	87	—
6894 natural fibers nec	7	2	5	—
6899 farm products nec	8	5	3	—
Total all manufactured equipment, machinery and products	3,607	2,393	1,214	0
7110 machinery (not elec)	602	407	195	—
7120 electrical machinery	284	164	120	—
7210 vehicles & parts	648	439	209	—
7220 aircraft & parts	3	1	1	—
7230 ships & boats	8	3	5	0
7300 ordnance & access.	4	3	0	—
7400 manufac. wood prod.	74	53	21	—
7500 textile products	984	591	392	0
7600 rubber & plastic pr.	368	249	120	—
7900 manufac. prod. nec	634	483	151	—
Total unknown or not elsewhere classified	594	238	355	—
9900 unknown or nec	594	238	355	—

CHARLESTON HARBOR, SC (INCLUDING ASHLEY RIVER, COOPER RIVER, SHEM CREEK AND SHIPYARD RIVER, SC)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	6,123	3,519	370	160	60	2,013
Total coal	13	13	---	---	---	---
1100 coal lignite	13	13	---	---	---	---
Total petroleum and petroleum products	2,507	2,346	---	52	20	89
Subtotal petroleum products	2,507	2,346	---	52	20	89
2211 gasoline	1,053	1,048	---	4	---	---
2221 kerosene	32	32	---	---	---	---
2330 distillate fuel oil	578	560	---	15	0	2
2340 residual fuel oil	571	432	---	33	19	87
2350 lube oil & greases	254	254	---	---	---	---
2430 asphalt, tar & pitch	19	19	---	---	---	---
Total chemicals and related products	915	915	---	---	0	---
Subtotal other chemicals and related products	915	915	---	---	0	---
3219 other hydrocarbons	803	803	---	---	---	---
3274 sodium hydroxide	112	112	---	---	---	---
3286 plastics	0	---	---	---	0	---
Total crude materials, inedible except fuels	1,038	242	6	98	1	689
Subtotal forest products, wood and chips	0	---	---	---	0	---
4189 lumber	0	---	---	---	0	---
Subtotal pulp and waste paper	93	---	---	93	---	---
4225 pulp & waste paper	93	---	---	93	---	---
Subtotal soil, sand, gravel, rock and stone	0	---	---	0	---	---
4331 sand & gravel	0	---	---	0	---	---
Subtotal iron ore and scrap	938	242	6	---	---	689
4420 iron & steel scrap	938	242	6	---	---	689
Subtotal sulphur, clay and salt	5	---	---	5	---	---
4782 clay & refrac. mat.	5	---	---	5	---	---
Subtotal other non-metal. min.	2	---	---	0	1	---
4900 non-metal. min. nec	2	---	---	0	1	---
Total primary manufactured goods	1,608	---	324	10	39	1,235
Subtotal paper products	10	---	---	10	---	---
5120 paper & paperboard	10	---	---	10	---	---
Subtotal lime, cement and glass	275	---	275	---	---	---
5220 cement & concrete	275	---	275	---	---	---
Subtotal primary iron and steel products	1,314	---	49	---	30	1,235
5312 pig iron	1,264	---	---	---	29	1,235
5370 i&s pipe & tube	0	---	---	---	0	---
5390 primary i&s nec	49	---	49	---	---	---
Subtotal primary non-ferrous metal products	9	---	---	---	9	---
5480 fab. metal products	9	---	---	---	9	---
Total all manufactured equipment, machinery and products	43	2	40	---	0	---
7110 machinery (not elec)	0	---	---	---	0	---
7500 textile products	0	---	---	---	0	---
7900 manufac. prod. nec	42	2	40	---	---	---

*Includes 351 (x1000) tons of foreign inbound in-transits; Includes 46 (x1000) tons of foreign outbound in-transits.

SHIPYARD RIVER, SC (INCLUDED IN CHARLESTON HARBOR, SC)

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,334	1995	772	1998	680	2001	1,677
1993	1,025	1996	485	1999	731		
1994	1,103	1997	778	2000	331		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic					
		Inbound*	Inbound	Total		Internal		Inbound Upbound	Outbound Downbound
				Receipts	Shipments	Receipts	Shipments		
Total, all commodities	1,677	1,138	135	405	97	198	108	2	
Total coal	198	198	---	---	---	---	---	---	
1100 coal lignite	198	198	---	---	---	---	---	---	
Total petroleum and petroleum products	460	382	---	78	75	---	3	1	
Subtotal petroleum products	460	382	---	78	75	---	3	1	
2340 residual fuel oil	9	---	---	9	6	---	3	1	

SHIPYARD RIVER, SC (INCLUDED IN CHARLESTON HARBOR, SC)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign	Canadian	Domestic				
		Inbound*	Inbound	Total	Coastwise		Internal	
					Receipts	Shipments	Inbound Upbound	Outbound Downbnd
2350 lube oil & greases	50	---	---	50	50	---	---	---
2430 asphalt, tar & pitch	19	---	---	19	19	---	---	---
2540 petroleum coke	382	382	---	---	---	---	---	---
Total chemicals and related products	22	---	---	22	22	---	---	0
Subtotal other chemicals and related products	22	---	---	22	22	---	---	0
3274 sodium hydroxide	22	---	---	22	22	---	---	---
3286 plastics	0	---	---	0	---	---	---	0
Total crude materials, inedible except fuels	348	118	135	96	---	---	96	0
Subtotal forest products, wood and chips	0	---	---	0	---	---	---	0
4189 lumber	0	---	---	0	---	---	---	0
Subtotal pulp and waste paper	90	---	---	90	---	---	90	---
4225 pulp & waste paper	90	---	---	90	---	---	90	---
Subtotal soil, sand, gravel, rock and stone	163	27	135	0	---	---	0	---
4323 gypsum	27	27	---	---	---	---	---	---
4331 sand & gravel	135	---	135	0	---	---	0	---
Subtotal iron ore and scrap	40	40	---	---	---	---	---	---
4410 iron ore	40	40	---	---	---	---	---	---
Subtotal sulphur, clay and salt	5	---	---	5	---	---	5	---
4782 clay & refrac. mat.	5	---	---	5	---	---	5	---
Subtotal other non-metal. min.	51	50	---	0	---	---	0	---
4900 non-metal. min. nec	51	50	---	0	---	---	0	---
Total primary manufactured goods	648	440	---	208	---	198	9	1
Subtotal paper products	9	---	---	9	---	---	9	---
5120 paper & paperboard	9	---	---	9	---	---	9	---
Subtotal lime, cement and glass	639	440	---	198	---	198	---	---
5220 cement & concrete	639	440	---	198	---	198	---	---
Subtotal primary iron and steel products	0	---	---	0	---	---	---	0
5370 i&s pipe & tube	0	---	---	0	---	---	---	0
Subtotal primary non-ferrous metal products	0	---	---	0	---	---	---	0
5480 fab. metal products	0	---	---	0	---	---	---	0
Total all manufactured equipment, machinery and products	0	---	---	0	---	---	---	0
7500 textile products	0	---	---	0	---	---	---	0
Ton-miles (x1000)	1,677	1,138	135	405	97	198	108	2

Tons All Traffic (x1000) 1,677
 Ton-miles All Traffic (x1000) 1,677

*Includes 65 (x1000) tons of foreign inbound in-transits.

Other Harbors and Waterways 2001

Harbor or Waterway Project	Commodity	Thousand Short Tons
ASHLEY RIVER, SC (INCLUDED IN CHARLESTON HARBOR, SC)	2211 gasoline	4
	2330 distillate fuel oil	25
	2340 residual fuel oil	37
	3190 fert. & mixes nec	0
	3230 carboxylic acids	0
	3250 organo - inorg. comp.	0
	3275 inorg. elem.,oxides, & halogen salts	0
	3276 metallic salts	0
	3282 pigments & paints	0
	3283 coloring mat. nec	0
	3285 perfumes & cleansers	0
	3286 plastics	0
	3291 pesticides	0
	3299 chem. products nec	0
	4170 wood in the rough	0
	4189 lumber	1
	4190 forest products nec	0
	4225 pulp & waste paper	1
	4310 building stone	0
	4331 sand & gravel	0
	4782 clay & refrac. mat.	5
	4900 non-metal. min. nec	10
	5120 paper & paperboard	10
	5190 paper products nec	0
	5240 glass & glass prod.	0
	5290 misc. mineral prod.	0
	5320 i&s primary forms	0
	5360 i&s bars & shapes	0
	5390 primary i&s nec	0
	5421 copper	0
	5422 aluminum	0
	5429 smelted prod. nec	0
	5480 fab. metal products	1
	6653 vegetable oils	0
	6654 vegetables & prod.	0
	6747 grain mill products	0
	6782 animal feed, prep.	0
	6839 animals & prod. nec	0
	6857 fruit & nuts nec	0
	6885 alcoholic beverages	0
	6888 water & ice	0
	6889 food products nec	0
	6893 cotton	0
7110 machinery (not elec)	1	
7120 electrical machinery	0	
7210 vehicles & parts	0	
7230 ships & boats	0	
7400 manufac. wood prod.	0	
7500 textile products	1	
7600 rubber & plastic pr.	1	
7900 manufac. prod. nec	1	
9900 unknown or nec	0	
	Total Tons(x1000)	101
	Total Ton-miles(x1000)	241
GREAT PEE DEE RIVER, SC	No Commerce Reported	
PORT ROYAL HARBOR, SC	2340 residual fuel oil	3
	4331 sand & gravel	29
	4900 non-metal. min. nec	6
	5220 cement & concrete	85
	Total Tons(x1000)	122
SANTEE RIVER, SC	No Commerce Reported	
VILLAGE CREEK, SC	No Commerce Reported	
WACCAMAW RIVER, SC	No Commerce Reported	

SAVANNAH HARBOR, GA

Section Included: Entrance channel 44 feet deep across ocean bar to the Port Wentworth Channel, length of project 31.1 miles. Maintained Depth: For mid-channel, half project width, 44 feet over the Bar Channel; thence 44 feet to the Georgia Ports City Terminal; thence 36 feet to the Savannah Sugar Refinery terminal; and to a point below the Atlantic Coastal Highway Houlihan Bridge. Tidal range to 8 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	13,989	1995	17,380	1998	17,711	2001	19,392
1993	14,963	1996	17,598	1999	18,156		
1994	15,905	1997	17,929	2000	19,517		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total, all commodities	16,931	8,975	6,881	673	402
Total coal	508	507	1	—	—
1100 coal lignite	507	507	0	—	—
1200 coal coke	1	—	1	—	—
Total petroleum and petroleum products	2,335	2,269	27	38	—
Subtotal crude petroleum	1,186	1,183	3	—	—
2100 crude petroleum	1,186	1,183	3	—	—
Subtotal petroleum products	1,148	1,086	24	38	—
2211 gasoline	526	512	0	14	—
2221 kerosene	0	—	0	—	—
2330 distillate fuel oil	187	163	0	24	—
2340 residual fuel oil	243	242	1	—	—
2350 lube oil & greases	28	8	20	—	—
2410 petro. jelly & waxes	1	0	0	—	—
2429 naphtha & solvents	51	49	2	—	—
2430 asphalt, tar & pitch	0	—	0	—	—
2540 petroleum coke	48	47	0	—	—
2640 liquid natural gas	64	64	0	—	—
Total chemicals and related products	1,949	1,112	597	5	235
Subtotal fertilizers	61	58	3	—	—
3110 nitrogenous fert.	29	29	0	—	—
3120 phosphatic fert.	0	0	0	—	—
3190 fert. & mixes nec	32	29	3	—	—
Subtotal other chemicals and related products	1,888	1,054	594	5	235
3211 acyclic hydrocarbons	3	1	2	—	—
3212 benzene & toluene	0	0	0	—	—
3219 other hydrocarbons	44	38	6	—	—
3220 alcohols	27	18	9	—	—
3230 carboxylic acids	61	25	35	—	—
3240 nitrogen func. comp.	19	11	8	—	—
3250 organo - inorg. comp.	64	18	46	—	—
3260 organic comp. nec	31	19	12	—	—
3272 sulphuric acid	122	122	0	—	—
3273 ammonia	341	340	1	—	—
3274 sodium hydroxide	37	33	1	3	—
3275 inorg. elem., oxides, & halogen salts	189	147	25	—	17
3276 metallic salts	36	22	14	—	—
3279 inorganic chem. nec	4	2	2	—	—
3281 radioactive material	1	1	1	—	—
3282 pigments & paints	97	6	29	—	63
3283 coloring mat. nec	6	4	2	—	—
3284 medicines	8	2	6	—	—
3285 perfumes & cleansers	41	11	31	0	—
3286 plastics	254	85	169	—	—
3291 pesticides	31	13	18	—	—
3292 starches, gluten, glue	21	8	13	—	—
3293 explosives	0	0	0	—	—
3297 chemical additives	6	0	6	—	—
3298 wood & resin chem.	117	31	85	—	—
3299 chem. products nec	329	98	74	2	155
Total crude materials, inedible except fuels	5,413	954	3,758	534	167
Subtotal forest products, wood and chips	470	289	181	—	—
4110 rubber & gums	127	125	2	—	—
4150 fuel wood	4	1	2	—	—
4161 wood chips	0	—	0	—	—
4170 wood in the rough	30	17	14	—	—
4189 lumber	295	142	153	—	—
4190 forest products nec	14	4	10	—	—
Subtotal pulp and waste paper	884	5	880	—	—
4225 pulp & waste paper	884	5	880	—	—
Subtotal soil, sand, gravel, rock and stone	878	277	67	534	—
4310 building stone	104	51	54	—	—
4322 limestone	227	219	8	—	—
4323 gypsum	318	0	0	318	—
4331 sand & gravel	229	8	5	216	—
Subtotal iron ore and scrap	26	24	3	—	—
4410 iron ore	24	24	—	—	—
4420 iron & steel scrap	3	0	3	—	—

SAVANNAH HARBOR, GA
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Subtotal marine shells	0	0	---	---	---
4515 marine shells	0	0	---	---	---
Subtotal non-ferrous ores and scrap	156	137	19	---	---
4650 aluminum ore	126	123	3	---	---
4670 manganese ore	0	---	0	---	---
4680 non-ferrous scrap	13	2	12	---	---
4690 non-ferrous ores nec	16	12	4	---	---
Subtotal sulphur, clay and salt	2,878	112	2,598	---	167
4741 sulphur, (dry)	9	9	0	---	---
4782 clay & refrac. mat.	2,868	103	2,598	---	167
Subtotal other non-metal. min.	121	111	10	---	---
4900 non-metal. min. nec	121	111	10	---	---
Total primary manufactured goods	2,574	1,442	1,036	96	---
Subtotal paper products	911	58	852	0	---
5110 newsprint	11	0	11	0	---
5120 paper & paperboard	851	29	822	---	---
5190 paper products nec	49	29	20	---	---
Subtotal lime, cement and glass	480	430	50	---	---
5210 lime	0	0	0	---	---
5220 cement & concrete	143	143	0	---	---
5240 glass & glass prod.	67	28	39	---	---
5290 misc. mineral prod.	269	259	10	---	---
Subtotal primary iron and steel products	546	534	12	---	---
5312 pig iron	3	3	0	---	---
5315 ferro alloys	2	1	1	---	---
5320 i&s primary forms	30	29	1	---	---
5330 i&s plates & sheets	193	191	2	---	---
5360 i&s bars & shapes	211	210	1	---	---
5370 i&s pipe & tube	64	61	3	---	---
5390 primary i&s nec	43	40	4	---	---
Subtotal primary non-ferrous metal products	479	266	117	96	---
5421 copper	12	6	7	---	---
5422 aluminum	25	15	10	---	---
5429 smelted prod. nec	78	8	71	---	---
5480 fab. metal products	363	237	30	96	---
Subtotal primary wood products	158	153	5	---	---
5540 primary wood prod.	158	153	5	---	---
Total food and farm products	1,395	652	743	---	---
Subtotal fish	20	19	1	---	---
6134 fish (not shellfish)	13	12	0	---	---
6136 shellfish	7	7	0	---	---
Subtotal grain	8	5	3	---	---
6344 corn	1	0	1	---	---
6442 rice	7	4	2	---	---
6445 oats	0	---	0	---	---
6447 sorghum grains	0	0	0	---	---
Subtotal oilseeds	55	21	34	---	---
6521 peanuts	54	21	33	---	---
6522 soybeans	0	0	0	---	---
6590 oilseeds nec	1	0	1	---	---
Subtotal vegetable products	161	144	17	---	---
6653 vegetable oils	121	117	5	---	---
6654 vegetables & prod.	39	27	12	---	---
Subtotal processed grain and animal feed	53	9	44	---	---
6746 wheat flour	0	---	0	---	---
6747 grain mill products	6	2	4	---	---
6781 hay & fodder	0	---	0	---	---
6782 animal feed, prep.	46	6	40	---	---
Subtotal other agricultural products	1,099	455	644	---	---
6811 meat, fresh, frozen	299	21	278	---	---
6817 meat, prepared	13	1	12	---	---
6822 dairy products	2	1	0	---	---
6835 fish, prepared	6	5	0	---	---
6838 tallow, animal oils	0	0	0	---	---
6839 animals & prod. nec	26	3	23	---	---
6857 fruit & nuts nec	89	4	85	---	---
6858 fruit juices	71	31	40	---	---
6861 sugar	189	186	3	---	---
6865 molasses	9	9	0	---	---
6871 coffee	20	19	1	---	---
6872 cocoa beans	31	29	1	---	---
6885 alcoholic beverages	74	61	14	---	---
6888 water & ice	23	23	0	---	---
6889 food products nec	107	41	66	---	---
6891 tobacco & products	23	12	11	---	---
6893 cotton	109	3	105	---	---
6894 natural fibers nec	2	1	1	---	---
6899 farm products nec	8	4	4	---	---
Total all manufactured equipment, machinery and products	2,461	1,922	539	0	0
7110 machinery (not elec)	454	311	144	0	---
7120 electrical machinery	284	222	62	---	---
7210 vehicles & parts	139	63	76	---	---
7220 aircraft & parts	1	1	1	---	---

SAVANNAH HARBOR, GA
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
7230 ships & boats	3	1	2	—	—
7300 ordnance & access.	3	1	2	—	—
7400 manufac. wood prod.	46	37	9	—	—
7500 textile products	506	362	143	—	—
7600 rubber & plastic pr.	254	211	43	—	—
7900 manufac. prod. nec	771	714	57	0	0
Total unknown or not elsewhere classified	296	117	180	0	—
9900 unknown or nec	296	117	180	0	—

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
Total, all commodities	2,461	1,544	640	22	92	164
Total petroleum and petroleum products	1,630	827	553	8	77	164
Subtotal petroleum products	1,630	827	553	8	77	164
2211 gasoline	331	318	9	4	—	—
2330 distillate fuel oil	603	385	169	—	32	17
2340 residual fuel oil	277	16	65	4	45	147
2350 lube oil & greases	19	17	1	—	—	—
2410 petro. jelly & waxes	13	13	—	—	—	—
2429 naphtha & solvents	48	—	48	—	—	—
2430 asphalt, tar & pitch	339	78	261	—	—	—
Total chemicals and related products	380	324	56	—	—	—
Subtotal other chemicals and related products	380	324	56	—	—	—
3219 other hydrocarbons	116	116	—	—	—	—
3220 alcohols	39	—	39	—	—	—
3230 carboxylic acids	19	5	13	—	—	—
3260 organic comp. nec	4	—	4	—	—	—
3271 sulphur (liquid)	19	19	—	—	—	—
3274 sodium hydroxide	183	183	—	—	—	—
Total crude materials, inedible except fuels	15	—	—	10	5	—
Subtotal pulp and waste paper	0	—	—	—	0	—
4225 pulp & waste paper	0	—	—	—	0	—
Subtotal sulphur, clay and salt	5	—	—	0	5	—
4782 clay & refrac. mat.	5	—	—	0	5	—
Subtotal other non-metal. min.	9	—	—	9	—	—
4900 non-metal. min. nec	9	—	—	9	—	—
Total primary manufactured goods	15	1	—	4	10	—
Subtotal paper products	10	—	—	—	10	—
5120 paper & paperboard	10	—	—	—	10	—
Subtotal lime, cement and glass	5	1	—	4	—	—
5290 misc. mineral prod.	5	1	—	4	—	—
Subtotal primary non-ferrous metal products	0	—	—	0	—	—
5480 fab. metal products	0	—	—	0	—	—
Total food and farm products	380	380	—	—	—	—
Subtotal other agricultural products	380	380	—	—	—	—
6861 sugar	380	380	—	—	—	—
Total all manufactured equipment, machinery and products	42	12	30	—	—	—
7900 manufac. prod. nec	42	12	30	—	—	—

*Includes 154 (x1000) tons of foreign inbound in-transits; Includes 88 (x1000) tons of foreign outbound in-transits;
Includes 0 (x1000) tons of Canadian inbound in-transits.

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER , FL (SAVANNAH DISTRICT)

Section Included: Port Royal Sound, SC, includes Cumberland Sound, Fl. Project Depth: 12 feet. Navigation Season: Entire Year.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	404	1995	510	1998	392	2001	258
1993	682	1996	447	1999	431		
1994	566	1997	382	2000	465		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic					
		Coastwise		Internal			
		Receipts	Through Downbnd	Inbound Upbound	Outbound Upbound	Through Upbound	Through Downbnd
Total, all commodities	258	1	2	1	2	215	37
Total petroleum and petroleum products	219	---	---	---	1	192	26
Subtotal petroleum products	219	---	---	---	1	192	26
2211 gasoline	21	---	---	---	1	20	---
2330 distillate fuel oil	34	---	---	---	---	25	8
2340 residual fuel oil	165	---	---	---	---	147	18
Total chemicals and related products	2	---	---	---	---	2	---
Subtotal other chemicals and related products	2	---	---	---	---	2	---
3274 sodium hydroxide	2	---	---	---	---	2	---
Total crude materials, inedible except fuels	16	---	1	---	---	6	10
Subtotal forest products, wood and chips	1	---	1	---	---	---	---
4189 lumber	1	---	1	---	---	---	---
Subtotal pulp and waste paper	0	---	---	---	---	0	---
4225 pulp & waste paper	0	---	---	---	---	0	---
Subtotal soil, sand, gravel, rock and stone	0	---	---	---	---	0	---
4331 sand & gravel	0	---	---	---	---	0	---
Subtotal sulphur, clay and salt	5	---	---	---	---	5	0
4782 clay & refrac. mat.	5	---	---	---	---	5	0
Subtotal other non-metal. min.	10	---	---	---	---	0	9
4900 non-metal. min. nec	10	---	---	---	---	0	9
Total primary manufactured goods	18	1	0	1	---	16	0
Subtotal paper products	10	---	---	---	---	10	---
5120 paper & paperboard	10	---	---	---	---	10	---
Subtotal lime, cement and glass	8	1	---	1	---	6	---
5290 misc. mineral prod.	8	1	---	1	---	6	---
Subtotal primary iron and steel products	0	---	0	---	---	---	---
5360 i&s bars & shapes	0	---	0	---	---	---	---
Subtotal primary non-ferrous metal products	1	---	0	---	---	---	0
5480 fab. metal products	1	---	0	---	---	---	0
Total all manufactured equipment, machinery and products	2	0	1	---	0	---	0
7300 ordnance & access.	0	0	---	---	---	---	---
7500 textile products	0	---	0	---	---	---	---
7600 rubber & plastic pr.	1	---	1	---	---	---	---
7900 manufac. prod. nec	0	---	---	---	0	---	0
Ton-miles (x1000)	13,317	12	379	98	222	9,931	2,675
Tons All Traffic (x1000)			258				
Ton-miles All Traffic (x1000)			13,317				

BRUNSWICK HARBOR, GA

Section Included: From 32-foot contour in the ocean across the Barthrough St. Simon Sound, Brunswick River, and Turtle River to the upper end of the Allied Chemical Company's Wharf, formerly Atlantic Refining Company Wharf, 20.4 miles; from Brunswick River through East River, to the upper end of the project in Academy Creek, 2.7 miles; from St. Simon Sound through Back River to Mill Creek, the upper end of Back River improvement, 2.9 miles; from Back River through Terry Creek to the Glynn Canning Company's Wharf, 1.8 miles; a total distance of 27.8 miles. Project Depth: 32 feet over the bar; 30 feet in Brunswick, Turtle, and East Rivers to the Foot of Second Avenue; and 27 feet from Second Avenue to Academy Creek; 24 feet in Academy Creek; 20 feet in Back River, and 10 feet in Terry Creek. Navigation Season: Entire Year.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1,450	1995	2,002	1998	2,615	2001	2,499
1993	1,593	1996	2,063	1999	2,371		
1994	1,626	1997	2,698	2000	2,581		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound*	Outbound*	Inbound	Total	Internal	
					Upbound	Downbnd	Intra Downbnd
Total, all commodities	2,499	1,005	1,119	235	140	138	1
Total petroleum and petroleum products	137	---	---	---	137	136	1
Subtotal petroleum products	137	---	---	---	137	136	1
2330 distillate fuel oil	8	---	---	---	8	8	0
2340 residual fuel oil	129	---	---	---	129	127	1
Total chemicals and related products	90	90	0	---	---	---	---
Subtotal fertilizers	90	90	---	---	---	---	---
3110 nitrogenous fert.	83	83	---	---	---	---	---
3190 fert. & mixes nec	8	8	---	---	---	---	---
Subtotal other chemicals and related products	0	---	0	---	---	---	---
3276 metallic salts	0	---	0	---	---	---	---
3286 plastics	0	---	0	---	---	---	---
3297 chemical additives	0	---	0	---	---	---	---
Total crude materials, inedible except fuels	1,114	510	369	235	1	---	1
Subtotal forest products, wood and chips	19	19	---	---	---	---	---
4189 lumber	19	19	---	---	---	---	---
Subtotal pulp and waste paper	356	0	356	---	---	---	---
4225 pulp & waste paper	356	0	356	---	---	---	---
Subtotal soil, sand, gravel, rock and stone	500	265	---	235	0	---	0
4322 limestone	217	217	---	---	---	---	---
4323 gypsum	219	12	---	207	---	---	---
4331 sand & gravel	65	36	---	29	0	---	0
Subtotal non-ferrous ores and scrap	12	---	12	---	---	---	---
4690 non-ferrous ores nec	12	---	12	---	---	---	---
Subtotal sulphur, clay and salt	3	3	---	---	---	---	---
4782 clay & refrac. mat.	3	3	---	---	---	---	---
Subtotal other non-metal. min.	224	224	---	---	0	---	0
4900 non-metal. min. nec	224	224	---	---	0	---	0
Total primary manufactured goods	156	10	144	---	2	2	---
Subtotal paper products	144	0	144	---	---	---	---
5110 newsprint	1	---	1	---	---	---	---
5120 paper & paperboard	143	0	143	---	---	---	---
Subtotal lime, cement and glass	2	---	---	---	2	2	---
5290 misc. mineral prod.	2	---	---	---	2	2	---
Subtotal primary iron and steel products	0	0	---	---	---	---	---
5320 i&s primary forms	0	0	---	---	---	---	---
Subtotal primary non-ferrous metal products	1	1	---	---	---	---	---
5422 aluminum	1	1	---	---	---	---	---
5429 smelted prod. nec	0	0	---	---	---	---	---
5480 fab. metal products	0	0	---	---	---	---	---
Subtotal primary wood products	8	8	---	---	---	---	---
5540 primary wood prod.	8	8	---	---	---	---	---
Total food and farm products	596	72	524	---	---	---	---
Subtotal grain	240	72	168	---	---	---	---
6241 wheat	106	---	106	---	---	---	---
6344 corn	57	---	57	---	---	---	---
6443 barley & rye	5	---	5	---	---	---	---
6445 oats	72	72	---	---	---	---	---
Subtotal oilseeds	216	---	216	---	---	---	---
6522 soybeans	209	---	209	---	---	---	---
6590 oilseeds nec	7	---	7	---	---	---	---
Subtotal processed grain and animal feed	135	---	135	---	---	---	---
6747 grain mill products	79	---	79	---	---	---	---
6782 animal feed, prep.	55	---	55	---	---	---	---

BRUNSWICK HARBOR, GA
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound*	Outbound*	Inbound	Total	Internal		
						Inbound Upbound	Outbound Downbnd	Intra Downbnd
Subtotal other agricultural products	5	0	5	---	---	---	---	---
6885 alcoholic beverages	5	---	5	---	---	---	---	---
6889 food products nec	0	---	0	---	---	---	---	---
6899 farm products nec	0	0	---	---	---	---	---	---
Total all manufactured equipment, machinery and products	400	319	81	---	---	---	---	---
7110 machinery (not elec)	27	23	4	---	---	---	---	---
7120 electrical machinery	0	---	0	---	---	---	---	---
7210 vehicles & parts	369	295	75	---	---	---	---	---
7220 aircraft & parts	0	0	0	---	---	---	---	---
7230 ships & boats	2	0	2	---	---	---	---	---
7300 ordnance & access.	0	0	---	---	---	---	---	---
7400 manufac. wood prod.	1	1	0	---	---	---	---	---
7500 textile products	0	---	0	---	---	---	---	---
7600 rubber & plastic pr.	0	0	---	---	---	---	---	---
7900 manufac. prod. nec	1	1	0	---	---	---	---	---
Total unknown or not elsewhere classified	5	4	1	---	---	---	---	---
9900 unknown or nec	5	4	1	---	---	---	---	---
Ton-miles (x1000)	10,165	4,021	4,475	940	729	722	3	4
Tons All Traffic (x1000)		2,499						
Ton-miles All Traffic (x1000)		10,165						

*Includes 8 (x1000) tons of foreign inbound in-transits; Includes 0 (x1000) tons of foreign outbound in-transits.

Other Harbors and Waterways 2001

Harbor or Waterway Project	Commodity	Thousand Short Tons
ALTAMAHA RIVER, GA	No Commerce Reported	
DARIEN HARBOR, GA	No Commerce Reported	
SATILLA RIVER, GA	No Commerce Reported	
SAVANNAH RIVER BELOW AUGUSTA, GA	No Commerce Reported	
ST. MARYS RIVER, GA AND FL	2340 residual fuel oil	53
	Total Tons(x1000)	53
	Total Ton-miles(x1000)	263

FERNANDINA HARBOR, FL

Section Included: From the bar to the junction of Lanceford Creek with Amelia River. Controlling Depth: 46 feet in the entrance channel thence 32 feet in the inner channel to the Nassav Terminals. Constructed Project Depths: The entrance channel was deepened to 46 feet in connection with the construction of the F.B.M. Submarine Support Base At King's Bay, St. Mary's, Georgia. The Inner Harbor Channel authorized to the 32 foot project. Length of project is about 13 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	379	1995	599	1998	572	2001	633
1993	520	1996	648	1999	644		
1994	588	1997	533	2000	630		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound*	Outbound*	Total	Coastwise	Internal
					Shipments	Receipts
Total, all commodities	633	150	322	162	39	123
Total coal	0	---	0	---	---	---
1100 coal lignite	0	---	0	---	---	---
Total petroleum and petroleum products	62	1	1	61	---	61
Subtotal crude petroleum	1	1	---	---	---	---
2100 crude petroleum	1	1	---	---	---	---
Subtotal petroleum products	62	---	1	61	---	61
2221 kerosene	0	---	0	---	---	---
2340 residual fuel oil	61	---	---	61	---	61
2350 lube oil & greases	0	---	0	---	---	---
2429 naphtha & solvents	0	---	0	---	---	---
2540 petroleum coke	0	---	0	---	---	---
2640 liquid natural gas	0	---	0	---	---	---
Total chemicals and related products	73	3	8	62	0	62
Subtotal fertilizers	0	---	0	---	---	---
3110 nitrogenous fert.	0	---	0	---	---	---
3190 fert. & mixes nec	0	---	0	---	---	---
Subtotal other chemicals and related products	73	3	7	62	0	62
3211 acyclic hydrocarbons	0	---	0	---	---	---
3219 other hydrocarbons	0	---	0	---	---	---
3220 alcohols	0	---	0	---	---	---
3230 carboxylic acids	0	---	0	---	---	---
3250 organo - inorg. comp.	0	---	0	---	---	---
3260 organic comp. nec	0	---	0	---	---	---
3272 sulphuric acid	0	---	0	---	---	---
3273 ammonia	0	---	0	---	---	---
3274 sodium hydroxide	62	---	0	62	---	62
3275 inorg. elem., oxides, & halogen salts	0	0	0	---	---	---
3276 metallic salts	2	0	2	---	---	---
3282 pigments & paints	0	---	0	---	---	---
3284 medicines	0	---	0	---	---	---
3285 perfumes & cleansers	3	3	0	0	0	---
3286 plastics	1	0	1	---	---	---
3291 pesticides	1	0	0	---	---	---
3292 starches, gluten, glue	0	---	0	---	---	---
3293 explosives	0	---	0	0	---	0
3297 chemical additives	0	---	0	---	---	---
3299 chem. products nec	2	---	2	---	---	---
Total crude materials, inedible except fuels	130	51	76	3	3	---
Subtotal forest products, wood and chips	60	51	5	3	3	---
4110 rubber & gums	0	---	0	---	---	---
4150 fuel wood	0	---	0	---	---	---
4161 wood chips	0	---	0	---	---	---
4170 wood in the rough	0	---	0	---	---	---
4189 lumber	60	51	5	3	3	---
Subtotal pulp and waste paper	68	---	68	---	---	---
4225 pulp & waste paper	68	---	68	---	---	---
Subtotal soil, sand, gravel, rock and stone	0	0	0	---	---	---
4310 building stone	0	---	0	---	---	---
4322 limestone	0	0	0	---	---	---
4323 gypsum	0	---	0	---	---	---
4331 sand & gravel	0	0	0	---	---	---
Subtotal sulphur, clay and salt	1	---	1	---	---	---
4782 clay & refrac. mat.	1	---	1	---	---	---
Subtotal other non-metal. min.	1	---	1	---	---	---
4900 non-metal. min. nec	1	---	1	---	---	---
Total primary manufactured goods	207	27	144	35	35	---
Subtotal paper products	133	1	132	0	0	---
5110 newsprint	3	---	3	---	---	---
5120 paper & paperboard	128	0	128	0	0	---
5190 paper products nec	2	0	2	---	---	---
Subtotal lime, cement and glass	2	0	2	---	---	---
5220 cement & concrete	0	---	0	---	---	---
5240 glass & glass prod.	0	0	0	---	---	---
5290 misc. mineral prod.	2	0	2	---	---	---
Subtotal primary iron and steel products	18	4	1	13	13	---

FERNANDINA HARBOR, FL
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic		
		Inbound*	Outbound*	Total	Coastwise	Internal
					Shipments	Receipts
5315 ferro alloys	0	0	—	—	—	—
5320 i&s primary forms	0	—	0	—	—	—
5330 i&s plates & sheets	0	—	0	—	—	—
5360 i&s bars & shapes	14	1	0	13	13	—
5370 i&s pipe & tube	0	0	0	—	—	—
5390 primary i&s nec	4	3	0	1	1	—
Subtotal primary non-ferrous metal products	31	23	7	1	1	—
5421 copper	0	—	0	—	—	—
5422 aluminum	4	2	2	—	—	—
5429 smelted prod. nec	0	0	—	—	—	—
5480 fab. metal products	28	21	5	1	1	—
Subtotal primary wood products	22	0	1	21	21	—
5540 primary wood prod.	22	0	1	21	21	—
Total food and farm products	32	1	31	—	—	—
Subtotal fish	0	0	0	—	—	—
6134 fish (not shellfish)	0	—	0	—	—	—
6136 shellfish	0	0	0	—	—	—
Subtotal oilseeds	0	0	—	—	—	—
6590 oilseeds nec	0	0	—	—	—	—
Subtotal vegetable products	1	0	0	—	—	—
6653 vegetable oils	0	—	0	—	—	—
6654 vegetables & prod.	0	0	0	—	—	—
Subtotal processed grain and animal feed	3	0	3	—	—	—
6746 wheat flour	0	—	0	—	—	—
6747 grain mill products	0	0	0	—	—	—
6781 hay & fodder	0	—	0	—	—	—
6782 animal feed, prep.	2	—	2	—	—	—
Subtotal other agricultural products	28	1	27	—	—	—
6811 meat, fresh, frozen	16	—	16	—	—	—
6822 dairy products	0	—	0	—	—	—
6835 fish, prepared	0	—	0	—	—	—
6838 tallow, animal oils	0	—	0	—	—	—
6839 animals & prod. nec	0	—	0	—	—	—
6856 bananas & plantains	0	0	—	—	—	—
6857 fruit & nuts nec	0	0	—	—	—	—
6858 fruit juices	1	—	1	—	—	—
6861 sugar	0	—	0	—	—	—
6871 coffee	0	—	0	—	—	—
6872 cocoa beans	0	0	—	—	—	—
6885 alcoholic beverages	3	0	3	—	—	—
6888 water & ice	0	—	0	—	—	—
6889 food products nec	7	0	7	—	—	—
6891 tobacco & products	0	0	0	—	—	—
6899 farm products nec	0	—	0	—	—	—
Total all manufactured equipment, machinery and products	84	63	20	—	—	—
7110 machinery (not elec)	8	1	7	—	—	—
7120 electrical machinery	3	1	3	—	—	—
7210 vehicles & parts	61	57	4	—	—	—
7230 ships & boats	0	0	0	—	—	—
7400 manufac. wood prod.	1	0	1	—	—	—
7500 textile products	2	0	2	—	—	—
7600 rubber & plastic pr.	2	0	1	—	—	—
7900 manufac. prod. nec	6	4	2	—	—	—
Total unknown or not elsewhere classified	44	3	42	—	—	—
9900 unknown or nec	44	3	42	—	—	—

*Includes 0 (x1000) tons of foreign inbound in-transits; Includes 12 (x1000) tons of foreign outbound in-transits.

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (JACKSONVILLE DISTRICT)

Section Included: Fernandina Harbor, FL, to St. Johns River, 21.9 miles. Controlling Depth: Sawpit Creek 8 feet. Project Depth: 12 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	359	1995	492	1998	484	2001	364
1993	532	1996	530	1999	521		
1994	602	1997	468	2000	463		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic					
		Shipments	Coastwise		Internal		
			Through		Inbound	Through	
		Upbound	Downbnd	Upbound	Upbound	Downbnd	
Total, all commodities	364	39	1	2	123	198	1
Total petroleum and petroleum products	250	—	—	—	61	188	1
Subtotal petroleum products	250	—	—	—	61	188	1
2211 gasoline	20	—	—	—	—	20	—
2330 distillate fuel oil	2	—	—	—	—	2	—
2340 residual fuel oil	229	—	—	—	61	167	1
Total chemicals and related products	65	0	—	—	62	2	—
Subtotal other chemicals and related products	65	0	—	—	62	2	—
3274 sodium hydroxide	64	—	—	—	62	2	—
3285 perfumes & cleansers	0	0	—	—	—	—	—
3293 explosives	0	—	—	—	0	—	—
Total crude materials, inedible except fuels	4	3	—	1	—	—	—
Subtotal forest products, wood and chips	4	3	—	1	—	—	—
4189 lumber	4	3	—	1	—	—	—
Total primary manufactured goods	43	35	1	0	—	7	—
Subtotal paper products	0	0	—	—	—	—	—
5120 paper & paperboard	0	0	—	—	—	—	—
Subtotal lime, cement and glass	8	—	1	—	—	7	—
5290 misc. mineral prod.	8	—	1	—	—	7	—
Subtotal primary iron and steel products	14	13	—	0	—	—	—
5360 i&s bars & shapes	13	13	—	0	—	—	—
5390 primary i&s nec	1	1	—	—	—	—	—
Subtotal primary non-ferrous metal products	1	1	—	0	—	1	—
5480 fab. metal products	1	1	—	0	—	—	—
Subtotal primary wood products	21	21	—	—	—	—	—
5540 primary wood prod.	21	21	—	—	—	—	—
Total all manufactured equipment, machinery and products	2	—	0	1	—	—	0
7210 vehicles & parts	0	—	—	0	—	—	—
7300 ordnance & access.	0	—	0	—	—	—	—
7500 textile products	0	—	—	0	—	—	—
7600 rubber & plastic pr.	1	—	—	1	—	—	—
7900 manufac. prod. nec	0	—	—	0	—	—	0
Ton-miles (x1000)	8,194	116	16	62	2,823	5,147	30
Tons All Traffic (x1000)	364						
Ton-miles All Traffic (x1000)	8,194						

JACKSONVILLE HARBOR, FL

Section Included: Atlantic Ocean to the Florida East Coast Railway Bridge at Jacksonville, 26.8 miles. Maintained Depth: 36 feet, Atlantic Ocean to Terminal Channel, mile 20, except for shoals in the outside quarter; thence 34 feet thru Terminal Channel, mile 20 to Commodore Point (Hart Bridge), except for shoals in the outside quarter. Length of Project is 27 miles. Tidal range to 5 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	17,209	1995	15,693	1998	21,190	2001	17,809
1993	18,850	1996	16,737	1999	19,257		
1994	18,914	1997	18,186	2000	19,701		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound*
Total, all commodities	8,943	6,404	896	1,642
Total coal	1,773	1,773	0	—
1100 coal lignite	1,773	1,773	0	—

JACKSONVILLE HARBOR, FL
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound*
Total petroleum and petroleum products	1,652	1,614	7	31
Subtotal crude petroleum	38	38	—	—
2100 crude petroleum	38	38	—	—
Subtotal petroleum products	1,614	1,575	7	31
2211 gasoline	1,231	1,231	—	—
2221 kerosene	0	—	0	—
2330 distillate fuel oil	69	38	—	31
2340 residual fuel oil	189	189	—	—
2350 lube oil & greases	16	11	5	—
2410 petro. jelly & waxes	0	—	0	—
2429 naphtha & solvents	17	17	1	—
2430 asphalt, tar & pitch	0	—	0	—
2540 petroleum coke	91	89	1	—
2640 liquid natural gas	0	—	0	—
Total chemicals and related products	223	99	90	35
Subtotal fertilizers	41	0	6	34
3110 nitrogenous fert.	0	—	0	—
3120 phosphatic fert.	0	0	—	—
3130 potassic fert.	8	—	—	8
3190 fert. & mixes nec	33	0	6	26
Subtotal other chemicals and related products	182	99	83	0
3211 acyclic hydrocarbons	0	—	0	—
3219 other hydrocarbons	5	4	0	—
3220 alcohols	3	3	0	—
3230 carboxylic acids	27	8	19	—
3240 nitrogen func. comp.	6	2	5	—
3250 organo - inorg. comp.	4	3	1	—
3260 organic comp. nec	5	1	4	—
3272 sulphuric acid	0	0	0	—
3273 ammonia	2	2	—	—
3274 sodium hydroxide	29	28	0	0
3275 inorg. elem., oxides, & halogen salts	5	1	4	—
3276 metallic salts	2	0	2	—
3279 inorganic chem. nec	0	—	0	—
3281 radioactive material	0	0	—	—
3282 pigments & paints	8	0	8	—
3283 coloring mat. nec	0	0	0	—
3284 medicines	1	0	1	—
3285 perfumes & cleansers	15	12	3	—
3286 plastics	22	4	17	—
3291 pesticides	3	0	3	—
3292 starches, gluten, glue	3	2	1	—
3293 explosives	0	—	0	—
3297 chemical additives	0	0	0	—
3298 wood & resin chem.	13	13	0	—
3299 chem. products nec	28	15	13	—
Total crude materials, inedible except fuels	2,861	1,270	94	1,497
Subtotal forest products, wood and chips	81	36	42	2
4110 rubber & gums	0	—	0	—
4150 fuel wood	0	—	0	—
4161 wood chips	0	—	0	—
4170 wood in the rough	1	0	1	—
4189 lumber	76	34	40	2
4190 forest products nec	2	2	0	—
Subtotal pulp and waste paper	259	211	42	7
4225 pulp & waste paper	259	211	42	7
Subtotal soil, sand, gravel, rock and stone	2,155	763	1	1,391
4310 building stone	201	1	—	200
4322 limestone	601	553	0	48
4323 gypsum	821	—	—	821
4331 sand & gravel	532	209	0	322
Subtotal iron ore and scrap	0	—	0	—
4420 iron & steel scrap	0	—	0	—
Subtotal non-ferrous ores and scrap	1	0	1	—
4650 aluminum ore	1	—	1	—
4680 non-ferrous scrap	0	0	—	—
Subtotal sulphur, clay and salt	8	0	8	—
4782 clay & refrac. mat.	8	0	8	—
Subtotal other non-metal. min.	358	260	2	96
4900 non-metal. min. nec	358	260	2	96
Total primary manufactured goods	926	711	139	76
Subtotal paper products	70	17	53	0
5110 newsprint	4	—	4	0
5120 paper & paperboard	59	15	45	0
5190 paper products nec	6	2	4	—
Subtotal lime, cement and glass	274	190	13	70
5210 lime	0	—	0	—
5220 cement & concrete	174	173	1	—
5240 glass & glass prod.	12	4	8	—
5290 misc. mineral prod.	88	13	4	70
Subtotal primary iron and steel products	385	381	4	—
5312 pig iron	0	0	0	—

JACKSONVILLE HARBOR, FL
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian
		Inbound*	Outbound*	Inbound*
5315 ferro alloys	3	3	0	—
5320 i&s primary forms	8	8	0	—
5330 i&s plates & sheets	126	125	1	—
5360 i&s bars & shapes	228	227	1	—
5370 i&s pipe & tube	10	9	1	—
5390 primary i&s nec	10	9	0	—
Subtotal primary non-ferrous metal products	153	94	54	6
5421 copper	3	2	0	—
5422 aluminum	68	23	45	—
5429 smelted prod. nec	58	53	0	6
5480 fab. metal products	25	16	8	—
Subtotal primary wood products	44	28	16	—
5540 primary wood prod.	44	28	16	—
Total food and farm products	391	95	296	0
Subtotal fish	17	12	6	—
6134 fish (not shellfish)	13	7	5	—
6136 shellfish	5	4	0	—
Subtotal grain	4	—	4	—
6344 corn	0	—	0	—
6442 rice	4	—	4	—
6445 oats	0	—	0	—
Subtotal oilseeds	11	9	2	—
6521 peanuts	8	6	2	—
6522 soybeans	0	—	0	—
6590 oilseeds nec	3	3	0	—
Subtotal vegetable products	6	0	5	0
6653 vegetable oils	1	—	1	—
6654 vegetables & prod.	5	0	4	0
Subtotal processed grain and animal feed	20	4	16	—
6746 wheat flour	1	0	1	—
6747 grain mill products	10	4	6	—
6781 hay & fodder	0	—	0	—
6782 animal feed, prep.	9	0	9	—
Subtotal other agricultural products	333	70	263	0
6811 meat, fresh, frozen	194	2	192	—
6817 meat, prepared	2	1	1	—
6822 dairy products	2	0	2	—
6835 fish, prepared	2	2	0	—
6838 tallow, animal oils	0	—	0	—
6839 animals & prod. nec	29	28	0	—
6857 fruit & nuts nec	4	1	4	—
6858 fruit juices	11	8	3	—
6861 sugar	3	2	1	—
6871 coffee	20	20	0	—
6872 cocoa beans	4	—	4	—
6885 alcoholic beverages	14	4	10	—
6888 water & ice	0	0	0	0
6889 food products nec	48	2	46	0
6891 tobacco & products	0	0	0	—
6893 cotton	0	0	0	—
6894 natural fibers nec	1	0	0	—
6899 farm products nec	0	—	0	—
Total all manufactured equipment, machinery and products	1,035	808	226	1
7110 machinery (not elec)	74	50	24	0
7120 electrical machinery	32	19	13	—
7210 vehicles & parts	845	696	149	—
7220 aircraft & parts	0	0	0	—
7230 ships & boats	2	1	2	—
7300 ordnance & access.	3	3	0	—
7400 manufac. wood prod.	8	2	6	—
7500 textile products	26	14	13	—
7600 rubber & plastic pr.	20	13	7	—
7900 manufac. prod. nec	25	12	13	1
Total unknown or not elsewhere classified	80	34	43	3
9900 unknown or nec	80	34	43	3

Commodity	Total	Domestic				
		Coastwise		Internal		Intraport
		Receipts	Shipments	Receipts	Shipments	
Total, all commodities	8,866	5,045	2,154	2	1,128	537
Total coal	37	37	—	—	—	—
1100 coal lignite	37	37	—	—	—	—
Total petroleum and petroleum products	5,873	4,239	48	1	1,050	535
Subtotal petroleum products	5,873	4,239	48	1	1,050	535
2211 gasoline	2,197	2,143	34	—	20	—

JACKSONVILLE HARBOR, FL
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
2221 kerosene	20	20	—	—	—	—
2330 distillate fuel oil	1,090	1,081	7	—	2	—
2340 residual fuel oil	1,911	346	—	1	1,029	535
2350 lube oil & greases	37	33	4	—	—	—
2410 petro. jelly & waxes	0	—	0	—	—	—
2429 naphtha & solvents	0	—	0	—	—	—
2430 asphalt, tar & pitch	156	156	0	—	—	—
2540 petroleum coke	460	460	0	—	—	—
2640 liquid natural gas	2	0	2	—	—	—
2990 petro. products nec	1	0	0	—	—	—
Total chemicals and related products	461	249	148	—	64	—
Subtotal fertilizers	1	—	1	—	—	—
3110 nitrogenous fert.	0	—	0	—	—	—
3120 phosphatic fert.	0	—	0	—	—	—
3130 potassic fert.	0	—	0	—	—	—
3190 fert. & mixes nec	1	—	1	—	—	—
Subtotal other chemicals and related products	459	249	146	—	64	—
3211 acyclic hydrocarbons	0	—	0	—	—	—
3212 benzene & toluene	9	3	7	—	—	—
3219 other hydrocarbons	2	1	1	—	—	—
3220 alcohols	5	1	4	—	—	—
3230 carboxylic acids	2	0	2	—	—	—
3240 nitrogen func. comp.	1	—	1	—	—	—
3250 organo - inorg. comp.	1	0	0	—	—	—
3260 organic comp. nec	2	0	2	—	—	—
3272 sulphuric acid	0	—	0	—	—	—
3273 ammonia	0	0	0	—	—	—
3274 sodium hydroxide	213	149	0	—	64	—
3275 inorg. elem., oxides, & halogen salts	11	3	8	—	—	—
3276 metallic salts	2	0	2	—	—	—
3279 inorganic chem. nec	0	—	0	—	—	—
3282 pigments & paints	10	0	9	—	—	—
3283 coloring mat. nec	0	—	0	—	—	—
3284 medicines	55	36	19	—	—	—
3285 perfumes & cleansers	43	3	39	—	—	—
3286 plastics	10	0	9	—	—	—
3291 pesticides	2	1	1	—	—	—
3292 starches, gluten, glue	4	1	4	—	—	—
3293 explosives	0	0	0	—	0	—
3297 chemical additives	0	—	0	—	—	—
3298 wood & resin chem.	1	0	1	—	—	—
3299 chem. products nec	86	51	35	—	—	—
Total crude materials, inedible except fuels	46	30	16	—	—	—
Subtotal forest products, wood and chips	6	2	4	—	—	—
4110 rubber & gums	1	1	0	—	—	—
4161 wood chips	0	—	0	—	—	—
4170 wood in the rough	1	—	1	—	—	—
4189 lumber	2	0	2	—	—	—
4190 forest products nec	2	0	1	—	—	—
Subtotal pulp and waste paper	25	25	0	—	—	—
4225 pulp & waste paper	25	25	0	—	—	—
Subtotal soil, sand, gravel, rock and stone	7	0	7	—	—	—
4310 building stone	0	—	0	—	—	—
4322 limestone	0	—	0	—	—	—
4323 gypsum	0	—	0	—	—	—
4327 phosphate rock	0	0	—	—	—	—
4331 sand & gravel	7	—	7	—	—	—
Subtotal iron ore and scrap	2	1	0	—	—	—
4420 iron & steel scrap	2	1	0	—	—	—
Subtotal non-ferrous ores and scrap	1	1	0	—	—	—
4680 non-ferrous scrap	1	1	0	—	—	—
Subtotal sulphur, clay and salt	5	1	4	—	—	—
4782 clay & refrac. mat.	5	1	4	—	—	—
Subtotal other non-metal. min.	1	—	1	—	—	—
4900 non-metal. min. nec	1	—	1	—	—	—
Total primary manufactured goods	297	170	111	1	14	2
Subtotal paper products	54	1	53	—	—	—
5110 newsprint	0	—	0	—	—	—
5120 paper & paperboard	25	0	25	—	—	—
5190 paper products nec	29	1	28	—	—	—
Subtotal lime, cement and glass	182	139	27	—	14	2
5220 cement & concrete	149	137	13	—	—	—
5240 glass & glass prod.	9	1	8	—	—	—
5290 misc. mineral prod.	24	2	6	—	14	2
Subtotal primary iron and steel products	8	—	7	1	—	—
5330 i&s plates & sheets	0	—	0	—	—	—
5360 i&s bars & shapes	5	—	4	1	—	—
5370 i&s pipe & tube	2	—	2	—	—	—
5390 primary i&s nec	1	—	1	—	—	—
Subtotal primary non-ferrous metal products	50	30	20	—	—	—
5421 copper	0	0	0	—	—	—
5422 aluminum	3	0	3	—	—	—

JACKSONVILLE HARBOR, FL
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Domestic				
		Coastwise		Internal		
		Receipts	Shipments	Receipts	Shipments	Intraport
5429 smelted prod. nec	0	—	0	—	—	—
5480 fab. metal products	47	29	17	—	—	—
Subtotal primary wood products	2	—	2	—	—	—
5540 primary wood prod.	2	—	2	—	—	—
Total food and farm products	645	92	553	—	—	—
Subtotal fish	3	3	0	—	—	—
6134 fish (not shellfish)	3	3	0	—	—	—
6136 shellfish	0	0	0	—	—	—
Subtotal grain	3	0	3	—	—	—
6241 wheat	0	—	0	—	—	—
6344 corn	0	—	0	—	—	—
6442 rice	2	0	2	—	—	—
6445 oats	0	—	0	—	—	—
Subtotal oilseeds	4	0	4	—	—	—
6521 peanuts	0	—	0	—	—	—
6590 oilseeds nec	4	0	4	—	—	—
Subtotal vegetable products	62	4	59	—	—	—
6653 vegetable oils	25	—	25	—	—	—
6654 vegetables & prod.	37	4	33	—	—	—
Subtotal processed grain and animal feed	20	0	20	—	—	—
6746 wheat flour	2	—	2	—	—	—
6747 grain mill products	13	—	13	—	—	—
6781 hay & fodder	1	—	1	—	—	—
6782 animal feed, prep.	4	0	4	—	—	—
Subtotal other agricultural products	553	85	468	—	—	—
6811 meat, fresh, frozen	62	0	62	—	—	—
6817 meat, prepared	13	—	13	—	—	—
6822 dairy products	12	0	12	—	—	—
6835 fish, prepared	2	2	0	—	—	—
6838 tallow, animal oils	0	—	0	—	—	—
6839 animals & prod. nec	1	—	1	—	—	—
6857 fruit & nuts nec	6	0	6	—	—	—
6858 fruit juices	9	0	8	—	—	—
6861 sugar	9	0	9	—	—	—
6865 molasses	31	—	31	—	—	—
6871 coffee	0	—	0	—	—	—
6885 alcoholic beverages	6	1	5	—	—	—
6887 groceries	218	68	150	—	—	—
6888 water & ice	3	2	1	—	—	—
6889 food products nec	171	4	167	—	—	—
6891 tobacco & products	1	1	0	—	—	—
6893 cotton	6	6	0	—	—	—
6894 natural fibers nec	0	—	0	—	—	—
6899 farm products nec	0	—	0	—	—	—
Total all manufactured equipment, machinery and products	1,501	228	1,273	0	—	—
7110 machinery (not elec)	38	14	24	—	—	—
7120 electrical machinery	35	19	16	—	—	—
7210 vehicles & parts	70	13	57	—	—	—
7230 ships & boats	0	—	0	—	—	—
7300 ordnance & access.	0	—	0	—	—	—
7400 manufac. wood prod.	80	0	80	—	—	—
7500 textile products	25	11	14	—	—	—
7600 rubber & plastic pr.	8	2	6	—	—	—
7800 empty containers	0	0	0	—	—	—
7900 manufac. prod. nec	1,245	169	1,076	0	—	—
Total waste and scrap nec	0	0	0	—	—	—
8900 waste and scrap nec	0	0	0	—	—	—
Total unknown or not elsewhere classified	5	1	5	—	—	—
9900 unknown or nec	5	1	5	—	—	—

*Includes 24 (x1000) tons of foreign inbound in-transits; Includes 11 (x1000) tons of foreign outbound in-transits;
 Includes 0 (x1000) tons of Canadian inbound in-transits.

ST. JOHNS RIVER, FL JACKSONVILLE TO LAKE HARNEY

Section Included: Florida East Coast Railway Bridge at Jacksonville to Lake Harney, 186.4 miles: side channel to Enterprise, 2.7 miles. Controlling Depth: 11 feet, Jacksonville to United States Naval Air Station; 9 feet to Sanford; 8.7 feet in Enterprise Channel; 2 feet, Sanford to Lake Harney. Project Depth: 13 feet, Jacksonville to Palatka, 12 feet, Palatka to Sanford, 140.6 miles, and 12 feet in Enterprise Channel: 5 feet, Sanford to Lake Harney, 20.9 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	823	1995	527	1998	855	2001	807
1993	1,220	1996	703	1999	871		
1994	1,068	1997	640	2000	881		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Internal		
		Inbound Upbound	Outbound Downbnd	Through Upbound
Total, all commodities	807	682	5	120
Total petroleum and petroleum products	803	679	4	120
Subtotal petroleum products	803	679	4	120
2340 residual fuel oil	803	679	4	120
Total primary manufactured goods	5	4	1	—
Subtotal lime, cement and glass	4	4	—	—
5290 misc. mineral prod.	4	4	—	—
Subtotal primary iron and steel products	1	—	1	—
5360 i&s bars & shapes	1	—	1	—
Ton-miles (x1000)	98,702	92,436	150	6,116

Tons All Traffic (x1000) **807**
 Ton-miles All Traffic (x1000) **98,702**

INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FL

Section Included: St. Johns River to Miami, FL, 349 miles. Controlling Centerline Depth: 9 feet, St. Johns River to Fort Pierce and 8 feet from Fort Pierce to Miami except for widely separated spot shoals in outside quarters. Project Depth: 12 feet, Jacksonville to Fort Pierce thence 10 feet to Miami, 349 miles.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	765	1995	435	1998	694	2001	1,001
1993	1,029	1996	585	1999	833		
1994	1,145	1997	424	2000	820		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign	
		Inbound	Outbound
Total, all commodities	35	32	3
Total chemicals and related products	0	0	0
Subtotal other chemicals and related products	0	0	0
3211 acyclic hydrocarbons	0	—	0
3275 inorg. elem., oxides, & halogen salts	0	0	0
Total primary manufactured goods	2	—	2
Subtotal primary iron and steel products	0	—	0
5330 i&s plates & sheets	0	—	0
5360 i&s bars & shapes	0	—	0
Subtotal primary non-ferrous metal products	2	—	2
5480 fab. metal products	2	—	2
Total all manufactured equipment, machinery and products	33	32	1
7110 machinery (not elec)	33	32	1
7120 electrical machinery	0	—	0
7210 vehicles & parts	0	—	0
7230 ships & boats	0	—	0
7400 manufac. wood prod.	0	—	0
7600 rubber & plastic pr.	0	—	0
Total unknown or not elsewhere classified	0	—	0
9900 unknown or nec	0	—	0
Ton-miles (x1000)	173	159	14
Foreign			

INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FL
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Coastwise	
		Through	
		Upbound	Downbnd
Total, all commodities	16	2	14
Total petroleum and petroleum products	11	0	11
Subtotal petroleum products	11	0	11
2211 gasoline	2	0	1
2330 distillate fuel oil	0	—	0
2640 liquid natural gas	9	—	9
Total crude materials, inedible except fuels	1	—	1
Subtotal forest products, wood and chips	1	—	1
4189 lumber	1	—	1
Total primary manufactured goods	2	1	1
Subtotal lime, cement and glass	1	1	—
5290 misc. mineral prod.	1	1	—
Subtotal primary iron and steel products	1	—	1
5360 i&s bars & shapes	1	—	1
Subtotal primary non-ferrous metal products	0	—	0
5480 fab. metal products	0	—	0
Total all manufactured equipment, machinery and products	2	1	1
7110 machinery (not elec)	1	1	—
7230 ships & boats	0	0	—
7300 ordnance & access.	0	0	—
7500 textile products	0	—	0
7600 rubber & plastic pr.	1	—	1
Ton-miles (x1000)	2,231	462	1,769
Coastwise			

Commodity	Total	Internal					
		Inbound		Outbound		Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
Total, all commodities	950	818	8	3	40	78	4
Total petroleum and petroleum products	941	818	4	—	40	78	2
Subtotal petroleum products	941	818	4	—	40	78	2
2211 gasoline	10	—	—	—	—	10	—
2330 distillate fuel oil	2	—	—	—	—	2	—
2340 residual fuel oil	929	818	4	—	40	65	2
Total chemicals and related products	0	—	0	—	—	—	0
Subtotal other chemicals and related products	0	—	0	—	—	—	0
3293 explosives	0	—	0	—	—	—	0
Total primary manufactured goods	9	—	4	3	—	—	2
Subtotal lime, cement and glass	9	—	4	3	—	—	2
5290 misc. mineral prod.	9	—	4	3	—	—	2
Ton-miles (x1000)	8,183	2,454	980	265	120	3,500	864
Internal							
Tons All Traffic (x1000)	1,001						
Ton-miles All Traffic (x1000)	10,587						

CANAVERAL HARBOR, FL

Section Included: Entrance Channel (Atlantic Ocean) to Barrier Beach inner channel and Turning Basins, thence a Barge canal through a lock in the perimeter dike and continuing to the Intracoastal Waterway, Jacksonville to Miami. Controlling Depth: 43 feet in entrance channel cut-1a and cut-1, thence 37 feet in inner channel cut-2 to Barrier Beach, thence 36 feet in inner channel to Civil Turning Basin of 35 feet, continuing along barge canal of 12 feet. Project Depths: 44 feet in the U. S. Navy entrance channel (Atlantic Ocean) to Barrier Beach inner channel intersection Navy's Trident Access channel, thence 43 feet for 0.13 mile, thence 36 feet to Civil Turning Basin of 35 feet and continuing along Barge Canal of 12 feet. Length of Project is about 15.4 miles. The Civil Project depth of entrance channel to Barrier Beach inner channel is 37 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	2,968	1995	2,817	1998	3,795	2001	4,378
1993	3,454	1996	3,567	1999	3,916		
1994	3,625	1997	3,147	2000	4,247		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Inbound	Outbound	Inbound*	Total	Coastwise Receipts	Internal Receipts Shipments
Total, all commodities	4,378	2,351	202	311	1,514	642	54 818
Total petroleum and petroleum products	2,831	1,299	3	15	1,514	642	54 818
Subtotal petroleum products	2,831	1,299	3	15	1,514	642	54 818
2211 gasoline	503	386	3	—	114	104	10 —
2330 distillate fuel oil	105	47	—	15	43	41	2 —
2340 residual fuel oil	2,179	866	—	—	1,313	453	42 818
2350 lube oil & greases	0	0	0	—	—	—	— —
2429 naphtha & solvents	0	—	0	—	—	—	— —
2430 asphalt, tar & pitch	44	—	—	—	44	44	— —
Total chemicals and related products	10	8	1	—	—	—	— —
Subtotal other chemicals and related products	10	8	1	—	—	—	— —
3211 acyclic hydrocarbons	0	—	0	—	—	—	— —
3219 other hydrocarbons	0	—	0	—	—	—	— —
3220 alcohols	0	—	0	—	—	—	— —
3250 organo - inorg. comp.	0	—	0	—	—	—	— —
3260 organic comp. nec	0	0	—	—	—	—	— —
3272 sulphuric acid	0	0	0	—	—	—	— —
3275 inorg. elem., oxides, & halogen salts	0	0	0	—	—	—	— —
3276 metallic salts	0	—	0	—	—	—	— —
3282 pigments & paints	0	0	0	—	—	—	— —
3285 perfumes & cleansers	1	0	1	—	—	—	— —
3286 plastics	0	0	0	—	—	—	— —
3292 starches, gluten, glue	0	—	0	—	—	—	— —
3293 explosives	0	0	0	—	—	—	— —
3297 chemical additives	0	—	0	—	—	—	— —
3298 wood & resin chem.	0	—	0	—	—	—	— —
3299 chem. products nec	8	8	0	—	—	—	— —
Total crude materials, inedible except fuels	277	199	2	77	—	—	— —
Subtotal forest products, wood and chips	16	12	0	5	—	—	— —
4189 lumber	16	12	0	5	—	—	— —
Subtotal pulp and waste paper	0	—	0	—	—	—	— —
4225 pulp & waste paper	0	—	0	—	—	—	— —
Subtotal soil, sand, gravel, rock and stone	36	—	1	35	—	—	— —
4310 building stone	35	—	0	35	—	—	— —
4331 sand & gravel	1	—	1	—	—	—	— —
Subtotal iron ore and scrap	0	0	—	—	—	—	— —
4420 iron & steel scrap	0	0	—	—	—	—	— —
Subtotal other non-metal. min.	225	187	—	38	—	—	— —
4900 non-metal. min. nec	225	187	—	38	—	—	— —
Total primary manufactured goods	1,008	788	1	219	—	—	— —
Subtotal paper products	223	4	0	219	—	—	— —
5110 newsprint	222	3	0	219	—	—	— —
5120 paper & paperboard	0	0	0	0	—	—	— —
5190 paper products nec	0	0	0	—	—	—	— —
Subtotal lime, cement and glass	754	754	0	—	—	—	— —
5210 lime	0	—	0	—	—	—	— —
5220 cement & concrete	743	743	0	—	—	—	— —
5240 glass & glass prod.	0	—	0	—	—	—	— —
5290 misc. mineral prod.	11	11	0	—	—	—	— —
Subtotal primary iron and steel products	28	28	0	—	—	—	— —
5320 i&s primary forms	4	4	0	—	—	—	— —
5330 i&s plates & sheets	23	23	—	—	—	—	— —
5360 i&s bars & shapes	0	0	0	—	—	—	— —
5370 i&s pipe & tube	0	—	0	—	—	—	— —
5390 primary i&s nec	0	—	0	—	—	—	— —
Subtotal primary non-ferrous metal products	3	3	0	—	—	—	— —
5429 smelted prod. nec	0	0	—	—	—	—	— —
5480 fab. metal products	3	3	0	—	—	—	— —
Subtotal primary wood products	0	0	0	—	—	—	— —

CANAVERAL HARBOR, FL
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Inbound	Outbound	Inbound*	Total	Coastwise		
					Receipts	Receipts	Shipments	
5540 primary wood prod.	0	0	0	---	---	---	---	---
Total food and farm products	211	31	180	---	---	---	---	---
Subtotal fish	0	0	---	---	---	---	---	---
6134 fish (not shellfish)	0	0	---	---	---	---	---	---
Subtotal grain	0	---	0	---	---	---	---	---
6442 rice	0	---	0	---	---	---	---	---
Subtotal vegetable products	0	---	0	---	---	---	---	---
6654 vegetables & prod.	0	---	0	---	---	---	---	---
Subtotal processed grain and animal feed	0	---	0	---	---	---	---	---
6746 wheat flour	0	---	0	---	---	---	---	---
6747 grain mill products	0	---	0	---	---	---	---	---
6782 animal feed, prep.	0	---	0	---	---	---	---	---
Subtotal other agricultural products	211	31	180	---	---	---	---	---
6811 meat, fresh, frozen	1	---	1	---	---	---	---	---
6822 dairy products	0	---	0	---	---	---	---	---
6839 animals & prod. nec	31	31	0	---	---	---	---	---
6857 fruit & nuts nec	55	0	54	---	---	---	---	---
6858 fruit juices	123	---	123	---	---	---	---	---
6885 alcoholic beverages	0	---	0	---	---	---	---	---
6888 water & ice	0	---	0	---	---	---	---	---
6889 food products nec	2	---	2	---	---	---	---	---
6891 tobacco & products	0	---	0	---	---	---	---	---
Total all manufactured equipment, machinery and products	12	5	7	---	---	---	---	---
7110 machinery (not elec)	2	1	1	---	---	---	---	---
7120 electrical machinery	0	0	0	---	---	---	---	---
7210 vehicles & parts	5	0	5	---	---	---	---	---
7220 aircraft & parts	0	0	---	---	---	---	---	---
7230 ships & boats	0	0	0	---	---	---	---	---
7300 ordnance & access.	0	0	0	---	---	---	---	---
7400 manufac. wood prod.	0	0	0	---	---	---	---	---
7500 textile products	0	---	0	---	---	---	---	---
7600 rubber & plastic pr.	1	1	0	---	---	---	---	---
7900 manufac. prod. nec	4	3	1	---	---	---	---	---
Total unknown or not elsewhere classified	28	20	8	0	---	---	---	---
9900 unknown or nec	28	20	8	0	---	---	---	---

*Includes 0 (x1000) tons of Canadian inbound in-transits.

PALM BEACH HARBOR, FL

Section Included: Atlantic Ocean to Port of Palm Beach Terminals, 1.7 miles; Lake Worth from Riviera Bridge to Southern Boulevard Bridge at West Palm Beach, 7.5 miles; and "Palm Beach, FL side channel and basin." Controlling Depth: 34 feet, ocean to turning basin at port of Palm Beach Terminals, and 33 feet in turning basin; except for shoals in the outside quarters; 12 feet in channel through Lake Worth; and 3 feet in Palm Beach side channel and basin. Project Depth: 35 feet in entrance channel from ocean merging with an inner channel 33 feet deep to and including turning basin at Port of Palm Beach Terminals.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	2,646	1995	2,972	1998	3,149	2001	3,518
1993	2,816	1996	2,294	1999	3,352		
1994	2,884	1997	2,922	2000	2,950		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound*	Outbound*	Inbound*	Outbound	Total	Coastwise	
						Receipts	Receipts	Shipments
Total, all commodities	3,518	408	808	15	45	2,242	1,443	799
Total coal	0	---	0	---	---	---	---	---
1100 coal lignite	0	---	0	---	---	---	---	---
1200 coal coke	0	---	0	---	---	---	---	---
Total petroleum and petroleum products	1,593	141	9	0	---	1,443	1,443	---
Subtotal petroleum products	1,593	141	9	0	---	1,443	1,443	---
2211 gasoline	1	---	1	---	---	---	---	---
2221 kerosene	0	---	0	---	---	---	---	---
2330 distillate fuel oil	96	77	1	---	---	17	17	---
2340 residual fuel oil	1,489	64	---	---	---	1,426	1,426	---
2350 lube oil & greases	2	0	2	---	---	---	---	---
2410 petro. jelly & waxes	0	---	0	---	---	---	---	---
2429 naphtha & solvents	0	0	0	0	---	---	---	---

PALM BEACH HARBOR, FL
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound*	Outbound*	Inbound*	Outbound	Total	Coastwise	
							Receipts	Shipments
2430 asphalt, tar & pitch	0	—	—	0	—	—	—	—
2540 petroleum coke	2	0	2	—	—	—	—	—
2640 liquid natural gas	2	—	2	—	—	—	—	—
Total chemicals and related products	58	32	24	1	—	—	—	—
Subtotal fertilizers	4	0	3	1	—	—	—	—
3110 nitrogenous fert.	0	—	0	0	—	—	—	—
3190 fert. & mixes nec	4	0	3	1	—	—	—	—
Subtotal other chemicals and related products	54	32	21	1	—	—	—	—
3211 acyclic hydrocarbons	2	0	2	—	—	—	—	—
3212 benzene & toluene	0	0	0	—	—	—	—	—
3219 other hydrocarbons	0	0	0	—	—	—	—	—
3220 alcohols	2	1	1	0	—	—	—	—
3230 carboxylic acids	0	0	0	—	—	—	—	—
3240 nitrogen func. comp.	0	0	0	—	—	—	—	—
3250 organo - inorg. comp.	0	0	0	—	—	—	—	—
3260 organic comp. nec	0	0	0	—	—	—	—	—
3272 sulphuric acid	0	—	0	—	—	—	—	—
3273 ammonia	0	0	0	—	—	—	—	—
3274 sodium hydroxide	1	0	1	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	2	0	2	0	—	—	—	—
3276 metallic salts	0	0	0	0	—	—	—	—
3279 inorganic chem. nec	0	0	0	—	—	—	—	—
3282 pigments & paints	2	0	2	0	—	—	—	—
3283 coloring mat. nec	0	0	0	—	—	—	—	—
3284 medicines	1	0	1	—	—	—	—	—
3285 perfumes & cleansers	4	1	3	0	—	—	—	—
3286 plastics	31	28	2	0	—	—	—	—
3291 pesticides	1	0	0	—	—	—	—	—
3292 starches, gluten, glue	0	0	0	—	—	—	—	—
3293 explosives	0	0	0	—	—	—	—	—
3297 chemical additives	0	0	0	—	—	—	—	—
3299 chem. products nec	6	0	5	—	—	—	—	—
Total crude materials, inedible except fuels	23	0	23	0	—	—	—	—
Subtotal forest products, wood and chips	15	0	15	0	—	—	—	—
4110 rubber & gums	0	—	0	—	—	—	—	—
4150 fuel wood	0	—	0	—	—	—	—	—
4161 wood chips	0	—	0	—	—	—	—	—
4170 wood in the rough	0	—	0	—	—	—	—	—
4189 lumber	14	0	14	0	—	—	—	—
4190 forest products nec	0	0	0	0	—	—	—	—
Subtotal pulp and waste paper	0	—	0	—	—	—	—	—
4225 pulp & waste paper	0	—	0	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	4	0	3	—	—	—	—	—
4310 building stone	0	0	0	—	—	—	—	—
4322 limestone	0	0	0	—	—	—	—	—
4323 gypsum	1	—	1	—	—	—	—	—
4331 sand & gravel	3	0	3	—	—	—	—	—
Subtotal iron ore and scrap	0	0	—	—	—	—	—	—
4420 iron & steel scrap	0	0	—	—	—	—	—	—
Subtotal marine shells	0	0	0	—	—	—	—	—
4515 marine shells	0	0	0	—	—	—	—	—
Subtotal non-ferrous ores and scrap	0	0	0	—	—	—	—	—
4680 non-ferrous scrap	0	0	—	—	—	—	—	—
4690 non-ferrous ores nec	0	—	0	—	—	—	—	—
Subtotal sulphur, clay and salt	0	0	0	—	—	—	—	—
4782 clay & refrac. mat.	0	0	0	—	—	—	—	—
Subtotal other non-metal. min.	4	—	4	0	—	—	—	—
4900 non-metal. min. nec	4	—	4	0	—	—	—	—
Total primary manufactured goods	177	92	83	2	—	—	—	—
Subtotal paper products	13	1	12	0	—	—	—	—
5110 newsprint	0	—	0	0	—	—	—	—
5120 paper & paperboard	1	0	1	0	—	—	—	—
5190 paper products nec	11	1	11	0	—	—	—	—
Subtotal lime, cement and glass	94	70	24	0	—	—	—	—
5210 lime	0	—	0	—	—	—	—	—
5220 cement & concrete	54	46	8	—	—	—	—	—
5240 glass & glass prod.	5	1	4	—	—	—	—	—
5290 misc. mineral prod.	35	23	11	0	—	—	—	—
Subtotal primary iron and steel products	22	18	5	0	—	—	—	—
5320 i&s primary forms	1	0	1	—	—	—	—	—
5330 i&s plates & sheets	0	0	0	—	—	—	—	—
5360 i&s bars & shapes	20	18	3	0	—	—	—	—
5370 i&s pipe & tube	1	0	1	0	—	—	—	—
5390 primary i&s nec	0	0	0	—	—	—	—	—
Subtotal primary non-ferrous metal products	44	3	39	1	—	—	—	—
5421 copper	0	0	0	0	—	—	—	—
5422 aluminum	1	0	1	—	—	—	—	—
5429 smelted prod. nec	0	0	0	—	—	—	—	—
5480 fab. metal products	42	3	38	1	—	—	—	—

PALM BEACH HARBOR, FL
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Inbound*	Outbound*	Inbound*	Outbound	Total	Coastwise	
							Receipts	Shipments
Subtotal primary wood products	4	0	4	0	---	---	---	---
5540 primary wood prod.	4	0	4	0	---	---	---	---
Total food and farm products	1,424	63	510	8	45	799	---	799
Subtotal fish	4	3	1	1	---	---	---	---
6134 fish (not shellfish)	1	0	1	1	---	---	---	---
6136 shellfish	3	3	0	---	---	---	---	---
Subtotal grain	8	0	8	0	---	---	---	---
6241 wheat	0	---	0	---	---	---	---	---
6344 corn	0	---	0	---	---	---	---	---
6442 rice	7	0	7	---	---	---	---	---
6443 barley & rye	0	---	0	---	---	---	---	---
6445 oats	0	---	0	0	---	---	---	---
Subtotal oilseeds	0	0	0	---	---	---	---	---
6521 peanuts	0	0	0	---	---	---	---	---
6522 soybeans	0	---	0	---	---	---	---	---
6590 oilseeds nec	0	---	0	---	---	---	---	---
Subtotal vegetable products	16	7	6	3	---	---	---	---
6653 vegetable oils	1	0	1	0	---	---	---	---
6654 vegetables & prod.	15	7	5	3	---	---	---	---
Subtotal processed grain and animal feed	43	0	43	1	---	---	---	---
6746 wheat flour	5	---	5	0	---	---	---	---
6747 grain mill products	4	0	4	0	---	---	---	---
6781 hay & fodder	0	---	0	0	---	---	---	---
6782 animal feed, prep.	34	---	34	0	---	---	---	---
Subtotal other agricultural products	1,352	52	453	4	45	799	---	799
6811 meat, fresh, frozen	26	0	26	0	---	---	---	---
6817 meat, prepared	1	0	1	0	---	---	---	---
6822 dairy products	13	0	12	1	---	---	---	---
6835 fish, prepared	1	0	1	0	---	---	---	---
6838 tallow, animal oils	0	0	0	0	---	---	---	---
6839 animals & prod. nec	5	0	5	---	---	---	---	---
6856 bananas & plantains	1	1	0	---	---	---	---	---
6857 fruit & nuts nec	49	33	15	0	---	---	---	---
6858 fruit juices	11	1	10	0	---	---	---	---
6861 sugar	799	0	1	0	---	799	---	799
6865 molasses	264	---	219	---	45	---	---	---
6871 coffee	1	1	0	---	---	---	---	---
6872 cocoa beans	1	1	---	---	---	---	---	---
6885 alcoholic beverages	16	7	8	0	---	---	---	---
6888 water & ice	1	0	1	0	---	---	---	---
6889 food products nec	142	3	137	2	---	---	---	---
6891 tobacco & products	5	3	2	---	---	---	---	---
6893 cotton	0	---	0	---	---	---	---	---
6894 natural fibers nec	0	---	---	0	---	---	---	---
6899 farm products nec	16	0	15	0	---	---	---	---
Total all manufactured equipment, machinery and products	191	75	114	2	---	---	---	---
7110 machinery (not elec)	9	3	6	0	---	---	---	---
7120 electrical machinery	16	2	14	0	---	---	---	---
7210 vehicles & parts	13	1	12	0	---	---	---	---
7220 aircraft & parts	0	0	0	---	---	---	---	---
7230 ships & boats	2	0	1	---	---	---	---	---
7300 ordnance & access.	0	---	0	---	---	---	---	---
7400 manufac. wood prod.	7	3	3	0	---	---	---	---
7500 textile products	116	61	55	0	---	---	---	---
7600 rubber & plastic pr.	6	1	5	0	---	---	---	---
7900 manufac. prod. nec	21	3	17	1	---	---	---	---
Total unknown or not elsewhere classified	53	5	46	2	0	---	---	---
9900 unknown or nec	53	5	46	2	0	---	---	---

*Includes 38 (x1000) tons of foreign inbound in-transits; Includes 47 (x1000) tons of foreign outbound in-transits;
Includes 13 (x1000) tons of Canadian inbound in-transits.

PORT EVERGLADES HARBOR, FL

Section Included: Atlantic Ocean to terminals at Port Everglades, 1.7 miles; section of Intracoastal Waterway, Los Olas Boulevard Bridge, Fort Lauderdale, FL, to Washington Street, Hollywood, FL, 8.7 miles; Dania Cut-Off Canal, 6 miles; and "New River, FL" project, 7.9 miles. Controlling Depth: 45 feet in entrance channel; 42 feet through turning basin to main slip at Port Everglades; 10 feet in Intracoastal Waterway section; 8 feet in New River in 1956, and 6.5 in Dania Cut-Off Canal. Project Depth: 45 feet, Atlantic Ocean to south jetty converging to 42 feet at station 51, thence 42 to 31 feet to and including portions of turning basin at Port Everglades Terminal, and 8 feet in New River.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	14,508	1995	18,367	1998	21,782	2001	21,915
1993	16,297	1996	18,897	1999	22,054		
1994	18,135	1997	19,925	2000	22,500		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
Total, all commodities	9,618	7,248	2,186	182	2
Total coal	41	41	0	---	---
1100 coal lignite	0	0	0	---	---
1200 coal coke	41	41	0	---	---
Total petroleum and petroleum products	3,622	3,417	81	124	---
Subtotal crude petroleum	38	38	0	---	---
2100 crude petroleum	38	38	0	---	---
Subtotal petroleum products	3,584	3,379	80	124	---
2211 gasoline	1,067	1,032	34	---	---
2221 kerosene	1,152	1,145	7	---	---
2330 distillate fuel oil	164	144	20	---	---
2340 residual fuel oil	1,093	961	7	124	---
2350 lube oil & greases	8	1	7	---	---
2410 petro. jelly & waxes	2	2	0	---	---
2429 naphtha & solvents	30	28	2	---	---
2430 asphalt, tar & pitch	0	0	0	---	---
2540 petroleum coke	67	65	1	---	---
2640 liquid natural gas	2	0	2	---	---
Total chemicals and related products	209	84	124	1	---
Subtotal fertilizers	8	4	3	1	---
3110 nitrogenous fert.	1	0	0	---	---
3120 phosphatic fert.	0	---	0	---	---
3130 potassic fert.	1	0	0	---	---
3190 fert. & mixes nec	7	3	3	1	---
Subtotal other chemicals and related products	201	80	121	0	---
3211 acyclic hydrocarbons	1	0	0	---	---
3212 benzene & toluene	0	0	0	---	---
3219 other hydrocarbons	3	2	1	---	---
3220 alcohols	4	2	2	---	---
3230 carboxylic acids	4	2	2	---	---
3240 nitrogen func. comp.	2	0	1	---	---
3250 organo - inorg. comp.	5	5	1	---	---
3260 organic comp. nec	2	0	1	---	---
3272 sulphuric acid	1	0	1	---	---
3273 ammonia	0	0	0	---	---
3274 sodium hydroxide	2	1	1	---	---
3275 inorg. elem.oxides, & halogen salts	32	19	13	---	---
3276 metallic salts	13	7	6	---	---
3279 inorganic chem. nec	3	2	1	---	---
3282 pigments & paints	16	1	15	0	---
3283 coloring mat. nec	0	0	0	---	---
3284 medicines	5	2	3	---	---
3285 perfumes & cleansers	38	13	25	---	---
3286 plastics	34	16	18	---	---
3291 pesticides	5	1	5	---	---
3292 starches, gluten, glue	5	3	2	---	---
3293 explosives	0	0	0	---	---
3297 chemical additives	2	0	2	---	---
3298 wood & resin chem.	0	---	0	---	---
3299 chem. products nec	22	3	18	0	---
Total crude materials, inedible except fuels	657	522	91	44	---
Subtotal forest products, wood and chips	79	23	33	23	---
4110 rubber & gums	1	1	0	---	---
4150 fuel wood	0	---	0	---	---
4161 wood chips	0	0	0	---	---
4170 wood in the rough	4	2	2	0	---
4189 lumber	73	19	30	23	---
4190 forest products nec	1	0	0	0	---
Subtotal pulp and waste paper	28	1	27	---	---
4225 pulp & waste paper	28	1	27	---	---
Subtotal soil, sand, gravel, rock and stone	193	183	11	0	---
4310 building stone	2	1	1	0	---
4322 limestone	1	1	0	---	---
4323 gypsum	179	177	3	---	---
4331 sand & gravel	11	4	7	---	---
Subtotal iron ore and scrap	13	13	0	---	---
4420 iron & steel scrap	13	13	0	---	---
Subtotal marine shells	1	1	---	---	---

PORT EVERGLADES HARBOR, FL
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
4515 marine shells	1	1	—	—	—
Subtotal non-ferrous ores and scrap	10	9	1	—	—
4650 aluminum ore	0	0	0	—	—
4670 manganese ore	0	0	—	—	—
4680 non-ferrous scrap	10	9	1	—	—
4690 non-ferrous ores nec	0	—	0	—	—
Subtotal sulphur, clay and salt	7	0	7	—	—
4741 sulphur, (dry)	0	0	0	—	—
4782 clay & refrac. mat.	7	0	7	—	—
Subtotal slag	171	171	—	—	—
4860 slag	171	171	—	—	—
Subtotal other non-metal. min.	155	121	13	22	—
4900 non-metal. min. nec	155	121	13	22	—
Total primary manufactured goods	2,379	2,010	368	2	—
Subtotal paper products	108	19	88	1	—
5110 newsprint	9	0	8	1	—
5120 paper & paperboard	51	9	42	0	—
5190 paper products nec	48	10	38	0	—
Subtotal lime, cement and glass	1,829	1,763	66	0	—
5210 lime	0	0	0	—	—
5220 cement & concrete	1,703	1,689	14	—	—
5240 glass & glass prod.	33	15	18	—	—
5290 misc. mineral prod.	92	59	33	0	—
Subtotal primary iron and steel products	168	150	19	0	—
5312 pig iron	0	0	0	—	—
5315 ferro alloys	0	0	—	—	—
5320 i&s primary forms	3	0	3	—	—
5330 i&s plates & sheets	13	9	4	—	—
5360 i&s bars & shapes	141	137	4	—	—
5370 i&s pipe & tube	7	1	6	0	—
5390 primary i&s nec	4	3	1	—	—
Subtotal primary non-ferrous metal products	208	43	164	1	—
5421 copper	2	1	1	—	—
5422 aluminum	4	3	1	—	—
5429 smelted prod. nec	24	23	1	—	—
5480 fab. metal products	178	16	161	1	—
Subtotal primary wood products	66	35	31	0	—
5540 primary wood prod.	66	35	31	0	—
Total food and farm products	1,086	620	460	6	—
Subtotal fish	50	39	9	2	—
6134 fish (not shellfish)	15	8	6	2	—
6136 shellfish	35	32	3	—	—
Subtotal grain	8	2	6	—	—
6241 wheat	1	—	1	—	—
6344 corn	0	0	0	—	—
6442 rice	7	2	5	—	—
6445 oats	0	0	0	—	—
6447 sorghum grains	0	0	0	—	—
Subtotal oilseeds	11	11	0	0	—
6521 peanuts	5	5	0	0	—
6522 soybeans	0	0	0	—	—
6534 flaxseed	0	0	—	—	—
6590 oilseeds nec	7	7	0	—	—
Subtotal vegetable products	134	107	25	2	—
6653 vegetable oils	14	2	12	—	—
6654 vegetables & prod.	120	105	13	2	—
Subtotal processed grain and animal feed	50	14	36	0	—
6746 wheat flour	2	0	1	0	—
6747 grain mill products	26	13	13	—	—
6781 hay & fodder	0	0	0	—	—
6782 animal feed, prep.	22	1	21	—	—
Subtotal other agricultural products	832	446	383	3	—
6811 meat, fresh, frozen	42	8	34	1	—
6817 meat, prepared	4	1	3	0	—
6822 dairy products	24	13	10	1	—
6835 fish, prepared	5	4	1	0	—
6838 tallow, animal oils	17	0	17	0	—
6839 animals & prod. nec	23	20	3	0	—
6856 bananas & plantains	65	64	1	—	—
6857 fruit & nuts nec	174	134	40	0	—
6858 fruit juices	28	18	10	0	—
6861 sugar	6	1	5	0	—
6871 coffee	71	70	0	—	—
6872 cocoa beans	0	0	0	—	—
6885 alcoholic beverages	99	81	18	—	—
6888 water & ice	5	1	4	0	—
6889 food products nec	243	17	226	1	—
6891 tobacco & products	9	7	2	0	—
6893 cotton	1	0	1	—	—
6894 natural fibers nec	1	0	1	—	—
6899 farm products nec	15	7	8	0	—
Total all manufactured equipment, machinery and products	1,225	485	735	3	2
7110 machinery (not elec)	111	32	78	0	—

PORT EVERGLADES HARBOR, FL
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Foreign		Canadian	
		Inbound*	Outbound*	Inbound*	Outbound
7120 electrical machinery	132	12	120	0	—
7210 vehicles & parts	141	19	122	0	—
7220 aircraft & parts	1	1	0	—	—
7230 ships & boats	30	14	13	2	2
7300 ordnance & access.	1	0	1	—	—
7400 manufac. wood prod.	22	17	5	0	—
7500 textile products	598	310	287	0	—
7600 rubber & plastic pr.	59	18	41	0	—
7900 manufac. prod. nec	130	61	68	0	0
Total unknown or not elsewhere classified	398	70	327	1	0
9900 unknown or nec	398	70	327	1	0

Commodity	Total	Domestic			
		Coastwise		Internal	
		Receipts	Shipments	Receipts	Shipments
Total, all commodities	12,297	11,889	330	66	12
Total petroleum and petroleum products	12,128	11,864	186	65	12
Subtotal crude petroleum	163	—	163	—	—
2100 crude petroleum	163	—	163	—	—
Subtotal petroleum products	11,965	11,864	24	65	12
2211 gasoline	8,714	8,694	10	—	10
2221 kerosene	106	106	—	—	—
2330 distillate fuel oil	1,441	1,432	7	—	2
2340 residual fuel oil	1,087	1,015	7	65	0
2350 lube oil & greases	407	407	—	—	—
2429 naphtha & solvents	3	3	—	—	—
2430 asphalt, tar & pitch	98	98	—	—	—
2640 liquid natural gas	104	104	—	—	—
2990 petro. products nec	5	5	—	—	—
Total primary manufactured goods	7	1	6	1	—
Subtotal paper products	6	1	6	—	—
5190 paper products nec	6	1	6	—	—
Subtotal lime, cement and glass	1	—	—	1	—
5290 misc. mineral prod.	1	—	—	1	—
Total food and farm products	71	12	59	—	—
Subtotal processed grain and animal feed	3	0	3	—	—
6782 animal feed, prep.	3	0	3	—	—
Subtotal other agricultural products	68	12	56	—	—
6887 groceries	24	3	21	—	—
6889 food products nec	44	9	35	—	—
Total all manufactured equipment, machinery and products	91	12	79	—	—
7110 machinery (not elec)	4	1	3	—	—
7120 electrical machinery	2	0	2	—	—
7210 vehicles & parts	7	1	7	—	—
7230 ships & boats	1	0	1	—	—
7400 manufac. wood prod.	24	3	21	—	—
7900 manufac. prod. nec	52	7	45	—	—

*Includes 230 (x1000) tons of foreign inbound in-transits; Includes 114 (x1000) tons of foreign outbound in-transits;
 Includes 10 (x1000) tons of Canadian inbound in-transits.

MIAMI HARBOR, FL

Section Included: An outer bar cut 44 feet deep from ocean to the beach line; a government cut 42 feet depth from beach line to Fisher Island Basin; a Main Shipping Channel 36 feet depth; a channel 15 deep in Miami River. Maintained Depth: 43 feet in middle half of outer bar cut; 42 feet from beach line to Fisher Island turning basin; 33 feet at Main Shipping Channel. Tidal range to 3 feet mean higher high water.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	6,451	1995	6,579	1998	7,392	2001	8,514
1993	6,696	1996	5,719	1999	7,723		
1994	6,517	1997	6,612	2000	8,610		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound*	Outbound*	Inbound*	Total	Coastwise		Internal	
						Receipts	Shipments	Receipts	Shipments
Total, all commodities	8,514	4,026	3,349	38	1,101	647	57	1	396
Total coal	1	1	1	—	—	—	—	—	—
1100 coal lignite	1	1	0	—	—	—	—	—	—
1200 coal coke	0	—	0	—	—	—	—	—	—
Total petroleum and petroleum products	1,633	526	30	35	1,043	592	55	0	396
Subtotal crude petroleum	0	—	0	—	—	—	—	—	—
2100 crude petroleum	0	—	0	—	—	—	—	—	—
Subtotal petroleum products	1,633	526	30	35	1,043	592	55	0	396
2211 gasoline	1	0	0	—	—	—	—	—	—
2221 kerosene	27	27	0	—	—	—	—	—	—
2330 distillate fuel oil	60	50	2	—	9	9	—	—	—
2340 residual fuel oil	1,515	446	0	35	1,034	583	55	0	396
2350 lube oil & greases	16	1	15	—	—	—	—	—	—
2410 petro. jelly & waxes	1	1	0	—	—	—	—	—	—
2429 naphtha & solvents	4	0	4	—	—	—	—	—	—
2430 asphalt, tar & pitch	0	0	0	—	—	—	—	—	—
2540 petroleum coke	4	1	3	—	—	—	—	—	—
2640 liquid natural gas	5	0	5	—	—	—	—	—	—
Total chemicals and related products	383	130	251	1	—	—	—	—	—
Subtotal fertilizers	11	4	7	1	—	—	—	—	—
3110 nitrogenous fert.	2	0	2	—	—	—	—	—	—
3130 potassic fert.	0	0	0	—	—	—	—	—	—
3190 fert. & mixes nec	8	3	4	1	—	—	—	—	—
Subtotal other chemicals and related products	372	127	245	0	—	—	—	—	—
3211 acyclic hydrocarbons	1	1	1	—	—	—	—	—	—
3212 benzene & toluene	0	0	0	—	—	—	—	—	—
3219 other hydrocarbons	6	3	3	0	—	—	—	—	—
3220 alcohols	5	1	4	—	—	—	—	—	—
3230 carboxylic acids	7	4	3	0	—	—	—	—	—
3240 nitrogen func. comp.	10	4	5	—	—	—	—	—	—
3250 organo - inorg. comp.	2	1	1	—	—	—	—	—	—
3260 organic comp. nec	3	1	3	—	—	—	—	—	—
3272 sulphuric acid	1	0	1	—	—	—	—	—	—
3273 ammonia	0	0	0	—	—	—	—	—	—
3274 sodium hydroxide	1	0	1	—	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	23	6	17	—	—	—	—	—	—
3276 metallic salts	26	4	22	—	—	—	—	—	—
3279 inorganic chem. nec	3	2	1	—	—	—	—	—	—
3281 radioactive material	0	0	0	—	—	—	—	—	—
3282 pigments & paints	31	3	28	—	—	—	—	—	—
3283 coloring mat. nec	3	1	2	—	—	—	—	—	—
3284 medicines	17	8	9	—	—	—	—	—	—
3285 perfumes & cleansers	78	30	48	—	—	—	—	—	—
3286 plastics	93	40	53	0	—	—	—	—	—
3291 pesticides	10	4	6	—	—	—	—	—	—
3292 starches, gluten, glue	9	3	6	—	—	—	—	—	—
3293 explosives	1	0	1	—	—	—	—	—	—
3297 chemical additives	5	1	4	—	—	—	—	—	—
3298 wood & resin chem.	1	0	1	—	—	—	—	—	—
3299 chem. products nec	35	9	25	0	—	—	—	—	—
Total crude materials, inedible except fuels	408	174	234	—	—	—	—	—	—
Subtotal forest products, wood and chips	122	88	33	—	—	—	—	—	—
4110 rubber & gums	1	0	0	—	—	—	—	—	—
4150 fuel wood	1	1	0	—	—	—	—	—	—
4161 wood chips	0	—	0	—	—	—	—	—	—
4170 wood in the rough	5	4	2	—	—	—	—	—	—
4189 lumber	111	81	30	—	—	—	—	—	—
4190 forest products nec	4	3	1	—	—	—	—	—	—
Subtotal pulp and waste paper	162	3	159	—	—	—	—	—	—
4225 pulp & waste paper	162	3	159	—	—	—	—	—	—
Subtotal soil, sand, gravel, rock and stone	66	61	5	—	—	—	—	—	—
4310 building stone	57	57	1	—	—	—	—	—	—

MIAMI HARBOR, FL
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound*	Outbound*	Inbound*	Total	Coastwise		Internal	
						Receipts	Shipments	Receipts	Shipments
4322 limestone	2	2	0	—	—	—	—	—	—
4323 gypsum	2	0	1	—	—	—	—	—	—
4331 sand & gravel	5	3	3	—	—	—	—	—	—
Subtotal iron ore and scrap	3	0	2	—	—	—	—	—	—
4410 iron ore	1	0	1	—	—	—	—	—	—
4420 iron & steel scrap	2	0	2	—	—	—	—	—	—
Subtotal marine shells	0	0	0	—	—	—	—	—	—
4515 marine shells	0	0	0	—	—	—	—	—	—
Subtotal non-ferrous ores and scrap	22	6	16	—	—	—	—	—	—
4650 aluminum ore	1	0	1	—	—	—	—	—	—
4680 non-ferrous scrap	21	6	15	—	—	—	—	—	—
4690 non-ferrous ores nec	0	—	0	—	—	—	—	—	—
Subtotal sulphur, clay and salt	13	2	11	—	—	—	—	—	—
4741 sulphur, (dry)	1	1	0	—	—	—	—	—	—
4782 clay & refrac. mat.	12	1	11	—	—	—	—	—	—
Subtotal slag	0	—	0	—	—	—	—	—	—
4860 slag	0	—	0	—	—	—	—	—	—
Subtotal other non-metal. min.	20	13	7	—	—	—	—	—	—
4900 non-metal. min. nec	20	13	7	—	—	—	—	—	—
Total primary manufactured goods	1,416	955	459	1	1	—	—	1	—
Subtotal paper products	207	84	122	1	—	—	—	—	—
5110 newsprint	4	2	1	1	—	—	—	—	—
5120 paper & paperboard	150	61	89	—	—	—	—	—	—
5190 paper products nec	53	21	32	0	—	—	—	—	—
Subtotal lime, cement and glass	742	683	58	—	1	—	—	1	—
5210 lime	0	—	0	—	—	—	—	—	—
5220 cement & concrete	11	8	3	—	—	—	—	—	—
5240 glass & glass prod.	45	29	16	—	—	—	—	—	—
5290 misc. mineral prod.	685	646	39	—	1	—	—	1	—
Subtotal primary iron and steel products	63	35	28	0	—	—	—	—	—
5312 pig iron	0	0	0	—	—	—	—	—	—
5315 ferro alloys	1	1	0	—	—	—	—	—	—
5320 i&s primary forms	8	3	4	0	—	—	—	—	—
5330 i&s plates & sheets	15	8	7	—	—	—	—	—	—
5360 i&s bars & shapes	16	11	5	—	—	—	—	—	—
5370 i&s pipe & tube	13	3	9	—	—	—	—	—	—
5390 primary i&s nec	10	8	2	—	—	—	—	—	—
Subtotal primary non-ferrous metal products	332	100	232	0	—	—	—	—	—
5421 copper	7	3	4	—	—	—	—	—	—
5422 aluminum	16	11	4	—	—	—	—	—	—
5429 smelted prod. nec	40	8	33	—	—	—	—	—	—
5480 fab. metal products	269	78	191	0	—	—	—	—	—
Subtotal primary wood products	71	53	19	0	—	—	—	—	—
5540 primary wood prod.	71	53	19	0	—	—	—	—	—
Total food and farm products	2,007	1,219	787	1	—	—	—	—	—
Subtotal fish	128	97	31	—	—	—	—	—	—
6134 fish (not shellfish)	66	44	22	—	—	—	—	—	—
6136 shellfish	62	53	9	—	—	—	—	—	—
Subtotal grain	57	17	40	—	—	—	—	—	—
6241 wheat	1	0	1	—	—	—	—	—	—
6344 corn	10	6	4	—	—	—	—	—	—
6442 rice	44	9	35	—	—	—	—	—	—
6443 barley & rye	0	0	0	—	—	—	—	—	—
6445 oats	1	1	0	—	—	—	—	—	—
6447 sorghum grains	0	0	0	—	—	—	—	—	—
Subtotal oilseeds	11	3	8	—	—	—	—	—	—
6521 peanuts	7	1	7	—	—	—	—	—	—
6522 soybeans	0	0	0	—	—	—	—	—	—
6534 flaxseed	0	—	0	—	—	—	—	—	—
6590 oilseeds nec	3	2	2	—	—	—	—	—	—
Subtotal vegetable products	229	132	97	1	—	—	—	—	—
6653 vegetable oils	37	9	28	—	—	—	—	—	—
6654 vegetables & prod.	192	123	69	1	—	—	—	—	—
Subtotal processed grain and animal feed	84	21	64	0	—	—	—	—	—
6746 wheat flour	36	1	35	—	—	—	—	—	—
6747 grain mill products	30	16	14	0	—	—	—	—	—
6781 hay & fodder	0	0	0	—	—	—	—	—	—
6782 animal feed, prep.	18	3	15	—	—	—	—	—	—
Subtotal other agricultural products	1,497	950	547	0	—	—	—	—	—
6811 meat, fresh, frozen	54	19	35	—	—	—	—	—	—
6817 meat, prepared	4	2	2	—	—	—	—	—	—
6822 dairy products	54	31	23	—	—	—	—	—	—
6835 fish, prepared	22	16	7	0	—	—	—	—	—
6838 tallow, animal oils	2	1	2	—	—	—	—	—	—
6839 animals & prod. nec	8	2	6	—	—	—	—	—	—
6856 bananas & plantains	186	185	1	—	—	—	—	—	—
6857 fruit & nuts nec	221	105	115	0	—	—	—	—	—
6858 fruit juices	188	149	39	0	—	—	—	—	—

MIAMI HARBOR, FL
Freight Traffic, 2001 - continued
(thousand short tons)

Commodity	Grand Total	Foreign		Canadian	Domestic				
		Inbound*	Outbound*	Inbound*	Total	Coastwise		Internal	
						Receipts	Shipments	Receipts	Shipments
6861 sugar	6	4	2	—	—	—	—	—	—
6871 coffee	94	77	17	—	—	—	—	—	—
6872 cocoa beans	4	2	2	—	—	—	—	—	—
6885 alcoholic beverages	235	211	24	—	—	—	—	—	—
6888 water & ice	41	39	2	0	—	—	—	—	—
6889 food products nec	335	86	249	0	—	—	—	—	—
6891 tobacco & products	13	9	4	—	—	—	—	—	—
6893 cotton	16	4	12	—	—	—	—	—	—
6894 natural fibers nec	3	2	1	—	—	—	—	—	—
6899 farm products nec	11	5	6	—	—	—	—	—	—
Total all manufactured equipment, machinery and products	2,125	903	1,164	0	57	55	2	—	—
7110 machinery (not elec)	219	60	159	0	—	—	—	—	—
7120 electrical machinery	331	91	240	0	—	—	—	—	—
7210 vehicles & parts	225	50	174	0	—	—	—	—	—
7220 aircraft & parts	2	1	1	—	—	—	—	—	—
7230 ships & boats	14	8	6	—	—	—	—	—	—
7300 ordnance & access.	1	0	0	—	—	—	—	—	—
7400 manufac. wood prod.	31	21	10	—	—	—	—	—	—
7500 textile products	751	378	373	0	—	—	—	—	—
7600 rubber & plastic pr.	136	66	70	0	—	—	—	—	—
7900 manufac. prod. nec	416	227	132	0	57	55	2	—	—
Total unknown or not elsewhere classified	542	119	423	0	—	—	—	—	—
9900 unknown or nec	542	119	423	0	—	—	—	—	—

*Includes 465 (x1000) tons of foreign inbound in-transits; Includes 316 (x1000) tons of foreign outbound in-transits; Includes 2 (x1000) tons of Canadian inbound in-transits.

MIAMI RIVER, FL (INCLUDED IN TRAFFIC OF MIAMI HARBOR, FL)

Section Included: Mouth to N. W. 36th Street Bridge, 5.5 miles. Controlling Depth: 14 feet at mean low water from mouth to Miami Canal, and thence to 9 feet to N. W. 36th Street Bridge, 1.5 miles. Project Depth: 15 feet under flood conditions from mouth to a point 5.5 miles upstream.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	680	1995	884	1998	507	2001	537
1993	739	1996	593	1999	344		
1994	615	1997	723	2000	709		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic
		Inbound*	Outbound*	Internal
				Inbound
Total, all commodities	537	78	458	1
Total coal	0	—	0	—
1100 coal lignite	0	—	0	—
1200 coal coke	0	—	0	—
Total petroleum and petroleum products	5	0	5	—
Subtotal petroleum products	5	0	5	—
2221 kerosene	0	—	0	—
2330 distillate fuel oil	0	—	0	—
2350 lube oil & greases	3	0	3	—
2410 petro. jelly & waxes	0	—	0	—
2429 naphtha & solvents	1	—	1	—
2430 asphalt, tar & pitch	0	—	0	—
2540 petroleum coke	0	—	0	—
2640 liquid natural gas	0	—	0	—
Total chemicals and related products	22	1	21	—
Subtotal fertilizers	1	—	1	—
3110 nitrogenous fert.	0	—	0	—
3130 potassic fert.	0	—	0	—
3190 fert. & mixes nec	0	—	0	—
Subtotal other chemicals and related products	22	1	21	—
3211 acyclic hydrocarbons	0	—	0	—
3212 benzene & toluene	0	—	0	—
3219 other hydrocarbons	0	—	0	—
3220 alcohols	0	0	0	—
3230 carboxylic acids	0	—	0	—
3240 nitrogen func. comp.	0	—	0	—
3250 organo - inorg. comp.	0	—	0	—

MIAMI RIVER, FL (INCLUDED IN TRAFFIC OF MIAMI HARBOR, FL)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic
		Inbound*	Outbound*	Internal
				Inbound
3260 organic comp. nec	0	0	0	---
3272 sulphuric acid	0	---	0	---
3273 ammonia	0	---	0	---
3274 sodium hydroxide	0	---	0	---
3275 inorg. elem., oxides, & halogen salts	2	0	2	---
3276 metallic salts	2	0	2	---
3279 inorganic chem. nec	0	---	0	---
3282 pigments & paints	4	0	4	---
3283 coloring mat. nec	0	---	0	---
3284 medicines	0	0	0	---
3285 perfumes & cleansers	6	0	6	---
3286 plastics	2	0	2	---
3291 pesticides	0	---	0	---
3292 starches, gluten, glue	0	---	0	---
3293 explosives	0	---	0	---
3297 chemical additives	0	---	0	---
3298 wood & resin chem.	0	---	0	---
3299 chem. products nec	3	0	3	---
Total crude materials, inedible except fuels	16	6	10	---
Subtotal forest products, wood and chips	9	3	6	---
4110 rubber & gums	0	---	0	---
4150 fuel wood	0	---	0	---
4161 wood chips	0	---	0	---
4170 wood in the rough	1	---	1	---
4189 lumber	9	3	5	---
4190 forest products nec	0	0	0	---
Subtotal pulp and waste paper	0	0	0	---
4225 pulp & waste paper	0	0	0	---
Subtotal soil, sand, gravel, rock and stone	2	0	2	---
4310 building stone	0	---	0	---
4322 limestone	0	0	---	---
4323 gypsum	0	---	0	---
4331 sand & gravel	1	0	1	---
Subtotal iron ore and scrap	0	0	0	---
4420 iron & steel scrap	0	0	0	---
Subtotal marine shells	0	0	---	---
4515 marine shells	0	0	---	---
Subtotal non-ferrous ores and scrap	0	0	---	---
4680 non-ferrous scrap	0	0	---	---
Subtotal sulphur, clay and salt	1	0	1	---
4782 clay & refrac. mat.	1	0	1	---
Subtotal slag	0	---	0	---
4860 slag	0	---	0	---
Subtotal other non-metal. min.	3	1	1	---
4900 non-metal. min. nec	3	1	1	---
Total primary manufactured goods	57	1	55	1
Subtotal paper products	10	0	10	---
5110 newsprint	0	---	0	---
5120 paper & paperboard	3	0	3	---
5190 paper products nec	7	0	7	---
Subtotal lime, cement and glass	11	0	9	1
5210 lime	0	---	0	---
5220 cement & concrete	2	---	2	---
5240 glass & glass prod.	1	0	1	---
5290 misc. mineral prod.	8	0	7	1
Subtotal primary iron and steel products	7	0	7	---
5312 pig iron	0	0	---	---
5320 i&s primary forms	1	0	1	---
5330 i&s plates & sheets	2	---	2	---
5360 i&s bars & shapes	3	---	3	---
5370 i&s pipe & tube	2	0	2	---
5390 primary i&s nec	0	0	0	---
Subtotal primary non-ferrous metal products	24	1	24	---
5421 copper	0	---	0	---
5422 aluminum	0	0	0	---
5429 smelted prod. nec	0	0	0	---
5480 fab. metal products	23	0	23	---
Subtotal primary wood products	4	0	4	---
5540 primary wood prod.	4	0	4	---
Total food and farm products	161	10	151	---
Subtotal fish	4	4	0	---
6134 fish (not shellfish)	1	1	0	---
6136 shellfish	4	3	0	---
Subtotal grain	30	0	30	---
6241 wheat	0	---	0	---
6344 corn	0	---	0	---
6442 rice	30	0	30	---
Subtotal oilseeds	0	---	0	---
6522 soybeans	0	---	0	---
6590 oilseeds nec	0	---	0	---

MIAMI RIVER, FL (INCLUDED IN TRAFFIC OF MIAMI HARBOR, FL)
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Grand Total	Foreign		Domestic
		Inbound*	Outbound*	Internal
				Inbound
				Upbound
Subtotal vegetable products	40	0	40	---
6653 vegetable oils	18	---	18	---
6654 vegetables & prod.	22	0	22	---
Subtotal processed grain and animal feed	31	0	31	---
6746 wheat flour	24	---	24	---
6747 grain mill products	6	0	6	---
6781 hay & fodder	0	---	0	---
6782 animal feed, prep.	1	---	1	---
Subtotal other agricultural products	54	5	49	---
6811 meat, fresh, frozen	4	0	4	---
6817 meat, prepared	1	---	1	---
6822 dairy products	0	0	0	---
6835 fish, prepared	0	0	0	---
6838 tallow, animal oils	0	---	0	---
6839 animals & prod. nec	0	0	0	---
6856 bananas & plantains	0	---	0	---
6857 fruit & nuts nec	1	0	0	---
6858 fruit juices	5	2	2	---
6861 sugar	0	---	0	---
6871 coffee	1	1	0	---
6872 cocoa beans	1	1	---	---
6885 alcoholic beverages	3	0	3	---
6888 water & ice	0	---	0	---
6889 food products nec	37	0	37	---
6891 tobacco & products	1	0	0	---
6893 cotton	0	0	0	---
6894 natural fibers nec	0	0	0	---
6899 farm products nec	1	0	1	---
Total all manufactured equipment, machinery and products	232	58	175	---
7110 machinery (not elec)	13	1	12	---
7120 electrical machinery	23	1	22	---
7210 vehicles & parts	31	0	31	---
7220 aircraft & parts	0	---	0	---
7230 ships & boats	0	0	0	---
7300 ordnance & access.	0	---	0	---
7400 manufac. wood prod.	2	0	2	---
7500 textile products	132	50	82	---
7600 rubber & plastic pr.	7	0	7	---
7900 manufac. prod. nec	24	5	19	---
Total unknown or not elsewhere classified	44	4	40	---
9900 unknown or nec	44	4	40	---
Ton-miles (x1000)	1,609	235	1,373	1
Tons All Traffic (x1000)		537		
Ton-miles All Traffic (x1000)		1,609		

*Includes 2 (x1000) tons of foreign inbound in-transits; Includes 7 (x1000) tons of foreign outbound in-transits.

INTRACOASTAL WATERWAY, MIAMI TO KEY WEST, FL

Section Included: Turning Basin at Miami to Key West, 158 miles. Controlling Depth: 4 feet from Cape Florida to Cross Bank, 55.6 miles; thence to Key West, 5 feet via natural channel among the Keys (this section not constructed). Project Depth: 7 feet.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	1	1995	293	1998	544	2001	331
1993	441	1996	267	1999	530		
1994	664	1997	317	2000	478		

Freight Traffic, 2001 (thousand short tons)

Commodity	Grand Total	Domestic
		Internal
		Inbound
		Downbnd
Total, all commodities	331	331
Total petroleum and petroleum products	331	331
Subtotal petroleum products	331	331
2340 residual fuel oil	331	331
Ton-miles (x1000)	7,938	7,938
Tons All Traffic (x1000)	331	
Ton-miles All Traffic (x1000)	7,938	

Other Harbors and Waterways 2001

Harbor or Waterway Project	Commodity	Thousand Short Tons
BAKERS HAULOVER INLET, FL	No Commerce Reported	
EAU GALLIE HARBOR, FL	No Commerce Reported	
FORT PIERCE HARBOR, FL	1100 coal lignite	0
	2211 gasoline	0
	2330 distillate fuel oil	0
	2350 lube oil & greases	0
	2429 naphtha & solvents	0
	3110 nitrogenous fert.	0
	3190 fert. & mixes nec	2
	3211 acyclic hydrocarbons	0
	3260 organic comp. nec	0
	3273 ammonia	0
	3276 metallic salts	0
	3282 pigments & paints	0
	3284 medicines	0
	3285 perfumes & cleansers	0
	3286 plastics	0
	3291 pesticides	0
	3297 chemical additives	0
	3299 chem. products nec	1
	4189 lumber	0
	4331 sand & gravel	7
	4741 sulphur, (dry)	0
	4900 non-metal. min. nec	22
	5120 paper & paperboard	0
	5290 misc. mineral prod.	1
	5330 i&s plates & sheets	0
	5360 i&s bars & shapes	0
	5370 i&s pipe & tube	0
	5480 fab. metal products	0
	5540 primary wood prod.	0
	6136 shellfish	0
	6521 peanuts	0
	6653 vegetable oils	0
	6654 vegetables & prod.	0
	6747 grain mill products	0
	6811 meat, fresh, frozen	0
	6817 meat, prepared	0
	6822 dairy products	0
	6857 fruit & nuts nec	46
	6858 fruit juices	23
	6861 sugar	0
	6871 coffee	0
	6885 alcoholic beverages	0
	6889 food products nec	0
	6899 farm products nec	0
	7110 machinery (not elec)	0
	7120 electrical machinery	0
	7210 vehicles & parts	0
	7230 ships & boats	0
	7500 textile products	0
	7600 rubber & plastic pr.	0
	7900 manufac. prod. nec	1
	9900 unknown or nec	0
	Total Tons(x1000)	104
KEY WEST HARBOR, FL	2211 gasoline	65
	2330 distillate fuel oil	0
	3284 medicines	0
	3285 perfumes & cleansers	0
	4322 limestone	0
	5240 glass & glass prod.	0
	5330 i&s plates & sheets	0
	6654 vegetables & prod.	0
	6822 dairy products	0
	6835 fish, prepared	0
	6856 bananas & plantains	0
	6858 fruit juices	0
	6885 alcoholic beverages	0
	6889 food products nec	0
	7120 electrical machinery	0
	7500 textile products	0
	7900 manufac. prod. nec	0

Other Harbors and Waterways 2001 - continued

Harbor or Waterway Project	Commodity	Thousand Short Tons
KEY WEST HARBOR, FL - continued	9900 unknown or nec	0
	Total Tons(x1000)	67
MELBOURNE HARBOR, FL	No Commerce Reported	
NEW RIVER, FL (INCLUDED IN TRAFFIC OF PORT EVERGLADES HARBOR, FL)	No Commerce Reported	
OKLAWAHA RIVER, FL	No Commerce Reported	
PONCE DE LEON INLET, FL	No Commerce Reported	
RICE CREEK, FL	2340 residual fuel oil	120
	Total Tons(x1000)	120
	Total Ton-miles(x1000)	480
ST. AUGUSTINE HARBOR, FL	3293 explosives	0
	Total Tons(x1000)	0
ST. LUCIE INLET, FL	No Commerce Reported	

ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT) BETWEEN NORFOLK, VA AND THE ST. JOHNS RIVER, FL

Section Included: Norfolk, VA, to the St Johns River, FL, 739 miles. For controlling and project depths see tables of individual stretches listed separately.

Comparative Statement of Traffic (thousand short tons)

Year	Total	Year	Total	Year	Total	Year	Total
1992	3,705	1995	3,597	1998	3,803	2001	2,515
1993	3,784	1996	4,275	1999	3,380		
1994	3,709	1997	3,590	2000	3,149		

Freight Traffic, 2001 (thousand short tons)

Commodity	Total	Coastwise		
		Receipts	Shipments	Through Downbnd
Total, all commodities	42	1	39	2
Total chemicals and related products	0	0	0	—
Subtotal other chemicals and related products	0	0	0	—
3285 perfumes & cleansers	0	0	0	—
Total crude materials, inedible except fuels	4	—	3	1
Subtotal forest products, wood and chips	4	—	3	1
4189 lumber	4	—	3	1
Total primary manufactured goods	36	1	35	0
Subtotal paper products	0	—	0	—
5120 paper & paperboard	0	—	0	—
Subtotal lime, cement and glass	1	1	—	—
5290 misc. mineral prod.	1	1	—	—
Subtotal primary iron and steel products	14	0	13	0
5360 i&s bars & shapes	13	0	13	0
5390 primary i&s nec	1	—	1	—
Subtotal primary non-ferrous metal products	1	—	1	0
5480 fab. metal products	1	—	1	0
Subtotal primary wood products	21	—	21	—
5540 primary wood prod.	21	—	21	—
Total all manufactured equipment, machinery and products	1	0	—	1
7210 vehicles & parts	0	—	—	0
7300 ordnance & access.	0	0	—	—
7500 textile products	0	—	—	0
7600 rubber & plastic pr.	1	—	—	1
7900 manufac. prod. nec	0	—	—	0
Ton-miles (x1000)	1,404	28	116	1,260
Coastwise				

Commodity	Total	Internal					
		Inbound		Outbound	Through		Intra
		Upbound	Downbnd	Upbound	Upbound	Downbnd	Upbound
Total, all commodities	2,473	140	704	20	732	876	1
Total petroleum and petroleum products	564	74	144	—	312	32	1
Subtotal petroleum products	564	74	144	—	312	32	1
2211 gasoline	146	11	125	—	8	—	1
2330 distillate fuel oil	40	2	6	—	24	8	—
2340 residual fuel oil	378	61	13	—	280	24	—
Total chemicals and related products	1,047	64	—	—	346	637	—
Subtotal fertilizers	537	—	—	—	28	509	—
3110 nitrogenous fert.	36	—	—	—	17	19	—
3120 phosphatic fert.	490	—	—	—	—	490	—
3190 fert. & mixes nec	11	—	—	—	11	—	—
Subtotal other chemicals and related products	510	64	—	—	318	128	—
3271 sulphur (liquid)	203	—	—	—	203	—	—
3272 sulphuric acid	115	—	—	—	115	—	—
3274 sodium hydroxide	64	64	—	—	—	—	—
3275 inorg. elem., oxides, & halogen salts	128	—	—	—	—	128	—
3286 plastics	0	—	—	—	0	—	—
3293 explosives	0	0	—	—	0	—	—
Total crude materials, inedible except fuels	761	—	547	—	8	206	—
Subtotal forest products, wood and chips	0	—	—	—	0	—	—
4189 lumber	0	—	—	—	0	—	—
Subtotal pulp and waste paper	94	—	—	—	2	92	—
4225 pulp & waste paper	94	—	—	—	2	92	—
Subtotal soil, sand, gravel, rock and stone	534	—	533	—	0	—	—
4331 sand & gravel	534	—	533	—	0	—	—
Subtotal iron ore and scrap	101	—	—	—	—	101	—

ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT) BETWEEN NORFOLK, VA AND THE ST. JOHNS RIVER, FL
 Freight Traffic, 2001 - continued
 (thousand short tons)

Commodity	Total	Internal					
		Inbound		Outbound	Through		Intra
		Upbound	Downbnd	Upbound	Upbound	Downbnd	Upbound
4420 iron & steel scrap	101	—	—	—	—	101	—
Subtotal sulphur, clay and salt	5	—	—	—	5	0	—
4782 clay & refrac. mat.	5	—	—	—	5	0	—
Subtotal slag	17	—	14	—	—	3	—
4860 slag	17	—	14	—	—	3	—
Subtotal other non-metal. min.	10	—	—	—	0	9	—
4900 non-metal. min. nec	10	—	—	—	0	9	—
Total primary manufactured goods	56	1	—	—	54	0	—
Subtotal paper products	10	—	—	—	10	—	—
5120 paper & paperboard	10	—	—	—	10	—	—
Subtotal lime, cement and glass	7	1	—	—	6	—	—
5290 misc. mineral prod.	7	1	—	—	6	—	—
Subtotal primary iron and steel products	30	—	—	—	30	—	—
5312 pig iron	29	—	—	—	29	—	—
5370 i&s pipe & tube	0	—	—	—	0	—	—
Subtotal primary non-ferrous metal products	9	—	—	—	9	0	—
5480 fab. metal products	9	—	—	—	9	0	—
Total food and farm products	41	—	12	20	9	—	—
Subtotal grain	32	—	12	20	—	—	—
6241 wheat	21	—	6	15	—	—	—
6344 corn	3	—	—	3	—	—	—
6443 barley & rye	8	—	6	2	—	—	—
Subtotal oilseeds	9	—	—	—	9	—	—
6522 soybeans	9	—	—	—	9	—	—
Total all manufactured equipment, machinery and products	5	—	0	0	4	0	—
7110 machinery (not elec)	1	—	—	—	0	0	—
7210 vehicles & parts	0	—	—	—	0	—	—
7220 aircraft & parts	0	—	—	—	0	—	—
7300 ordnance & access.	0	—	—	—	0	—	—
7500 textile products	0	—	—	—	0	—	—
7900 manufac. prod. nec	4	—	0	0	3	—	—
Ton-miles (x1000)	138,816	6,065	7,681	1,812	65,973	57,053	233
Internal							
Tons All Traffic (x1000)	2,515						
Ton-miles All Traffic (x1000)	140,307						

Section 2

Trips and Drafts of Vessels

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels		
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	
PENOBSCOT RIVER, ME													
			Upbound						Downbound				
Grand Total	123	2	10	73	—	38	121	2	15	65	1	38	
FOREIGN													
Total	11	2	9	—	—	—	17	2	14	—	1	—	
34	2	—	2	—	—	—	2	—	2	—	—	—	
32	1	—	1	—	—	—	2	—	2	—	—	—	
29	1	—	1	—	—	—	1	—	1	—	—	—	
28	1	—	1	—	—	—	3	—	3	—	—	—	
27	—	—	—	—	—	—	2	1	1	—	—	—	
26	1	—	1	—	—	—	—	—	—	—	—	—	
25	1	—	1	—	—	—	1	—	1	—	—	—	
24	1	—	1	—	—	—	2	—	2	—	—	—	
23	1	—	1	—	—	—	1	—	1	—	—	—	
22	—	—	—	—	—	—	1	—	1	—	—	—	
18	—	—	—	—	—	—	1	—	—	—	1	—	
12	2	2	—	—	—	—	1	1	—	—	—	—	
DOMESTIC													
Total	112	—	1	73	—	38	104	—	1	65	—	38	
27	1	—	—	—	—	1	—	—	—	—	—	—	
26	1	—	—	—	—	1	—	—	—	—	—	—	
25	1	—	—	—	—	1	—	—	—	—	—	—	
24	1	—	—	—	—	1	—	—	—	—	—	—	
23	1	—	—	—	—	1	—	—	—	—	—	—	
22	1	—	—	1	—	—	—	—	—	—	—	—	
21	1	—	—	—	—	1	—	—	—	—	—	—	
20	2	—	—	—	—	2	—	—	—	—	—	—	
19	1	—	—	—	—	1	—	—	—	—	—	—	
18	3	—	—	—	—	3	1	—	—	—	—	1	
17	4	—	—	—	—	4	—	—	—	—	—	—	
16	19	—	1	4	—	14	3	—	—	3	—	—	
15	2	—	—	1	—	1	1	—	—	1	—	—	
14	20	—	—	19	—	1	18	—	—	18	—	—	
13	25	—	—	24	—	1	20	—	—	20	—	—	
12	29	—	—	24	—	5	61	—	1	23	—	37	
										Total trips:		244	
SEARSPORT HARBOR, ME													
			Inbound						Outbound				
Grand Total	291	36	87	148	6	14	264	31	84	134	2	13	
FOREIGN													
Total	148	36	82	15	6	9	128	31	79	8	2	8	
37	1	—	1	—	—	—	—	—	—	—	2	—	
34	7	—	7	—	—	—	8	—	8	—	—	—	
33	9	3	6	—	—	—	7	1	6	—	—	—	
32	5	—	5	—	—	—	4	—	4	—	—	—	
31	4	—	4	—	—	—	3	—	3	—	—	—	
30	6	—	6	—	—	—	5	—	5	—	—	—	
29	6	1	5	—	—	—	7	1	6	—	—	—	
28	8	—	8	—	—	—	8	—	8	—	—	—	
27	12	—	12	—	—	—	11	—	11	—	—	—	
26	3	—	3	—	—	—	5	—	5	—	—	—	
25	4	—	4	—	—	—	5	—	5	—	—	—	
24	18	4	11	—	—	3	14	2	10	—	—	2	
23	8	—	1	—	5	2	4	—	—	—	2	2	
22	3	—	2	—	—	1	2	—	1	—	—	1	
21	3	—	1	—	1	1	2	—	1	—	—	1	
20	2	1	—	—	—	1	2	1	—	—	—	1	
19	3	—	2	—	—	1	2	—	2	—	—	—	
18	46	27	4	15	—	—	39	26	4	8	—	1	
DOMESTIC													
Total	143	—	5	133	—	5	136	—	5	126	—	5	
32	—	—	—	—	—	—	1	—	1	—	—	—	
28	1	—	1	—	—	—	—	—	—	—	—	—	
25	2	—	2	—	—	—	—	—	—	—	—	—	
24	2	—	—	—	—	2	2	—	2	—	—	—	
22	3	—	2	—	—	1	2	—	2	—	—	—	

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

SEARSPORT HARBOR, ME - continued

Inbound

Outbound

DOMESTIC

21	2	—	—	—	—	2	—	—	—	—	—	—
18	133	—	—	133	—	—	131	—	—	126	—	5
Total trips:											555	

PORTLAND HARBOR, ME

Upbound

Downbound

Grand Total	24,197	22,458	354	1,155	16	214	24,226	22,490	364	1,143	14	215
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FOREIGN

Total	582	230	342	5	3	2	592	227	353	6	3	3
45	70	19	51	—	—	—	—	—	—	—	—	—
44	36	5	31	—	—	—	1	—	1	—	—	—
43	45	2	43	—	—	—	—	—	—	—	—	—
42	40	3	37	—	—	—	—	—	—	—	—	—
41	10	—	10	—	—	—	—	—	—	—	—	—
40	4	—	4	—	—	—	—	—	—	—	—	—
39	6	—	6	—	—	—	1	—	1	—	—	—
38	2	—	2	—	—	—	—	—	—	—	—	—
37	13	—	13	—	—	—	—	—	—	—	—	—
36	35	1	34	—	—	—	—	—	—	—	—	—
35	25	2	23	—	—	—	2	2	—	—	—	—
34	22	1	21	—	—	—	1	—	1	—	—	—
33	18	1	17	—	—	—	1	—	1	—	—	—
32	12	4	8	—	—	—	4	1	3	—	—	—
31	5	—	5	—	—	—	7	4	3	—	—	—
30	7	2	5	—	—	—	15	6	9	—	—	—
29	10	2	8	—	—	—	52	7	45	—	—	—
28	6	1	5	—	—	—	36	2	34	—	—	—
27	20	17	3	—	—	—	207	39	168	—	—	—
26	16	11	2	1	1	1	23	5	16	1	1	—
25	35	26	9	—	—	—	43	25	18	—	—	—
24	9	4	4	—	1	—	35	4	31	—	—	—
23	10	10	—	—	—	—	18	9	9	—	—	—
22	21	18	—	2	—	1	14	11	1	2	—	—
21	6	6	—	—	—	—	10	8	2	—	—	—
20	7	7	—	—	—	—	14	9	5	—	—	—
19	5	5	—	—	—	—	17	15	2	—	—	—
18	87	83	1	2	1	—	91	80	3	3	2	3

DOMESTIC

Total	23,615	22,228	12	1,150	13	212	23,634	22,263	11	1,137	11	212
34	1	—	1	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	1	—	1	—	—	—
27	2	—	—	—	—	2	—	—	—	—	—	—
26	2	—	—	—	—	2	—	—	—	—	—	—
25	1	—	—	—	—	1	—	—	—	—	—	—
24	5	—	—	—	—	5	—	—	—	—	—	—
23	4	—	—	—	—	4	—	—	—	—	—	—
22	10	—	—	4	—	6	—	—	—	—	—	—
21	14	—	—	—	7	7	—	—	—	—	—	—
20	10	—	—	1	5	4	1	—	—	—	—	1
19	4	—	—	—	—	4	—	—	—	—	—	—
18	23,562	22,228	11	1,145	1	177	23,632	22,263	10	1,137	11	211
Total trips:											48,423	

PORTSMOUTH HARBOR, NH

Upbound

Downbound

Grand Total	1,698	580	101	952	10	55	1,704	591	103	950	9	51
--------------------	-------	-----	-----	-----	----	----	-------	-----	-----	-----	---	----

FOREIGN

Total	199	89	100	5	—	5	210	100	102	4	—	4
37	1	—	1	—	—	—	—	—	—	—	—	—
36	9	—	9	—	—	—	—	—	—	—	—	—
35	28	25	3	—	—	—	—	—	—	—	—	—
34	30	12	18	—	—	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PORTSMOUTH HARBOR, NH - continued

	Upbound						Downbound					
FOREIGN												
33	21	8	13	—	—	—	1	—	1	—	—	—
32	17	10	7	—	—	—	1	—	1	—	—	—
31	7	2	5	—	—	—	—	—	—	—	—	—
30	10	3	7	—	—	—	6	1	5	—	—	—
29	5	—	5	—	—	—	14	—	14	—	—	—
28	5	—	5	—	—	—	11	—	11	—	—	—
27	7	—	7	—	—	—	11	5	6	—	—	—
26	7	—	6	—	—	1	21	8	13	—	—	—
25	3	1	2	—	—	—	14	7	7	—	—	—
24	8	1	5	1	—	1	34	15	18	—	—	1
23	2	2	—	—	—	—	19	11	8	—	—	—
22	6	4	1	—	—	1	15	10	5	—	—	—
21	2	2	—	—	—	—	20	16	4	—	—	—
20	8	5	1	2	—	—	15	10	3	2	—	—
19	2	2	—	—	—	—	3	3	—	—	—	—
18	21	12	5	2	—	2	25	14	6	2	—	3
DOMESTIC												
Total	1,499	491	1	947	10	50	1,494	491	1	946	9	47
28	3	—	—	—	—	3	—	—	—	—	—	—
27	3	—	—	—	—	3	—	—	—	—	—	—
26	1	—	—	—	—	1	—	—	—	—	—	—
25	1	—	—	—	—	1	—	—	—	—	—	—
24	6	—	—	—	—	6	1	—	—	—	—	1
23	—	—	—	—	—	—	1	—	—	—	—	1
22	9	—	—	—	—	9	—	—	—	—	—	—
21	5	—	—	—	—	5	—	—	—	—	—	—
20	8	—	—	—	1	7	—	—	—	—	—	—
19	2	—	—	—	1	1	1	—	—	—	—	1
18	1,461	491	1	947	8	14	1,491	491	1	946	9	44
											Total trips:	3,402

SALEM HARBOR, MA

	Inbound						Outbound					
Grand Total	26	11	2	2	—	11	28	13	3	2	—	10
FOREIGN												
Total	12	9	2	—	—	1	14	11	3	—	—	—
35	1	1	—	—	—	—	—	—	—	—	—	—
34	8	8	—	—	—	—	2	2	—	—	—	—
32	1	—	1	—	—	—	—	—	—	—	—	—
31	1	—	1	—	—	—	1	—	1	—	—	—
28	—	—	—	—	—	—	1	1	—	—	—	—
27	1	—	—	—	—	1	1	1	—	—	—	—
26	—	—	—	—	—	—	2	2	—	—	—	—
24	—	—	—	—	—	—	3	1	2	—	—	—
23	—	—	—	—	—	—	1	1	—	—	—	—
21	—	—	—	—	—	—	3	3	—	—	—	—
DOMESTIC												
Total	14	2	—	2	—	10	14	2	—	2	—	10
34	2	2	—	—	—	—	—	—	—	—	—	—
26	3	—	—	—	—	3	—	—	—	—	—	—
25	1	—	—	—	—	1	—	—	—	—	—	—
24	4	—	—	—	—	4	—	—	—	—	—	—
23	—	—	—	—	—	—	1	1	—	—	—	—
20	1	—	—	—	—	1	—	—	—	—	—	—
19	—	—	—	—	—	—	1	1	—	—	—	—
18	3	—	—	2	—	1	12	—	—	2	—	10
											Total trips:	54

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PORT OF BOSTON, MA

	Inbound						Outbound					
Grand Total	5,035	3,249	426	359	192	809	4,990	3,248	410	362	179	791

FOREIGN

Total	881	447	418	7	3	6	868	445	402	11	1	9
42	4	4	—	—	—	—	—	—	—	—	—	—
41	8	8	—	—	—	—	1	1	—	—	—	—
40	14	11	3	—	—	—	6	6	—	—	—	—
39	11	8	3	—	—	—	9	8	1	—	—	—
38	41	14	27	—	—	—	20	14	6	—	—	—
37	20	8	12	—	—	—	10	8	2	—	—	—
36	82	14	68	—	—	—	30	15	15	—	—	—
35	80	3	77	—	—	—	31	9	22	—	—	—
34	43	2	41	—	—	—	22	6	16	—	—	—
33	43	3	40	—	—	—	20	1	19	—	—	—
32	45	8	37	—	—	—	32	8	24	—	—	—
31	30	2	28	—	—	—	24	4	20	—	—	—
30	16	2	14	—	—	—	21	4	17	—	—	—
29	15	6	9	—	—	—	11	3	8	—	—	—
28	32	23	8	—	—	1	42	21	20	—	—	1
27	46	38	8	—	—	—	50	37	13	—	—	—
26	54	50	3	—	—	1	39	31	8	—	—	—
25	36	25	11	—	—	—	45	22	23	—	—	—
24	30	18	11	—	1	—	171	26	145	—	—	—
23	15	14	1	—	—	—	23	9	14	—	—	—
22	62	58	1	1	1	1	62	54	8	—	—	—
21	5	5	—	—	—	—	18	18	—	—	—	—
20	9	9	—	—	—	—	19	15	4	—	—	—
19	4	4	—	—	—	—	10	6	4	—	—	—
18	136	110	16	6	1	3	152	119	13	11	1	8

DOMESTIC

Total	4,154	2,802	8	352	189	803	4,122	2,803	8	351	178	782
38	3	—	3	—	—	—	—	—	—	—	—	—
36	1	—	1	—	—	—	—	—	—	—	—	—
29	1	—	—	—	—	1	—	—	—	—	—	—
28	1	—	—	—	—	1	1	—	—	—	—	1
27	17	—	—	—	15	2	—	—	—	—	—	—
26	18	—	—	—	7	11	3	—	1	—	—	2
25	10	—	—	—	1	9	2	—	—	—	—	2
24	30	—	—	—	2	28	2	—	—	—	—	2
23	33	—	—	—	1	32	4	—	—	—	—	4
22	23	—	—	4	2	17	—	—	—	—	—	—
21	16	—	—	—	—	16	4	—	—	—	1	3
20	14	—	—	—	4	10	6	—	—	—	5	1
19	9	—	—	—	2	7	9	—	—	—	8	1
18	3,978	2,802	4	348	155	669	4,091	2,803	7	351	164	766
										Total trips:		10,025

MAIN WATERFRONT (PORT OF BOSTON)

	Upbound						Downbound					
Grand Total	3,120	2,748	58	140	20	154	3,157	2,745	59	138	19	196

FOREIGN

Total	195	135	58	—	1	1	195	135	59	1	—	—
38	3	1	2	—	—	—	1	—	1	—	—	—
36	4	—	4	—	—	—	2	—	2	—	—	—
35	5	1	4	—	—	—	5	—	5	—	—	—
34	5	—	5	—	—	—	2	—	2	—	—	—
33	5	—	5	—	—	—	3	—	3	—	—	—
32	8	3	5	—	—	—	4	2	2	—	—	—
31	4	—	4	—	—	—	2	—	2	—	—	—
30	1	—	1	—	—	—	2	—	2	—	—	—
29	3	1	2	—	—	—	—	—	—	—	—	—
28	10	6	4	—	—	—	14	6	8	—	—	—
27	25	21	4	—	—	—	24	22	2	—	—	—
26	12	11	—	—	—	1	12	11	1	—	—	—
25	10	9	1	—	—	—	17	9	8	—	—	—
24	8	6	2	—	—	—	21	9	12	—	—	—
23	5	4	1	—	—	—	7	3	4	—	—	—
22	62	47	14	—	1	—	49	47	2	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
MAIN WATERFRONT (PORT OF BOSTON) - continued												
	Upbound						Downbound					
FOREIGN												
21	1	1	—	—	—	—	2	2	—	—	—	—
20	6	6	—	—	—	—	8	7	1	—	—	—
19	2	2	—	—	—	—	2	2	—	—	—	—
18	16	16	—	—	—	—	18	15	2	1	—	—
DOMESTIC												
Total	2,925	2,613	—	140	19	153	2,962	2,610	—	137	19	196
20	—	—	—	—	—	—	4	—	—	—	4	—
19	—	—	—	—	—	—	8	—	—	—	8	—
18	2,925	2,613	—	140	19	153	2,950	2,610	—	137	7	196
										Total trips:		6,277
CHELSEA RIVER, MA												
	Upbound						Downbound					
Grand Total	637	26	178	157	—	276	659	26	206	148	1	278
FOREIGN												
Total	202	26	174	1	—	1	235	26	203	3	—	3
40	3	—	3	—	—	—	—	—	—	—	—	—
39	3	—	3	—	—	—	1	—	1	—	—	—
38	20	9	11	—	—	—	6	1	5	—	—	—
37	10	5	5	—	—	—	2	1	1	—	—	—
36	17	2	15	—	—	—	4	—	4	—	—	—
35	37	—	37	—	—	—	10	—	10	—	—	—
34	22	1	21	—	—	—	10	—	10	—	—	—
33	18	1	17	—	—	—	6	—	6	—	—	—
32	17	1	16	—	—	—	12	—	12	—	—	—
31	16	1	15	—	—	—	6	—	6	—	—	—
30	8	—	8	—	—	—	8	—	8	—	—	—
29	4	—	4	—	—	—	5	—	5	—	—	—
28	3	—	3	—	—	—	9	1	8	—	—	—
27	4	1	3	—	—	—	9	1	8	—	—	—
26	2	1	1	—	—	—	4	1	3	—	—	—
25	8	1	7	—	—	—	11	1	10	—	—	—
24	5	—	5	—	—	—	91	1	90	—	—	—
23	—	—	—	—	—	—	5	—	5	—	—	—
22	1	1	—	—	—	—	4	—	4	—	—	—
21	1	1	—	—	—	—	6	6	—	—	—	—
20	—	—	—	—	—	—	4	2	2	—	—	—
19	—	—	—	—	—	—	6	3	3	—	—	—
18	3	1	—	1	—	1	16	8	2	3	—	3
DOMESTIC												
Total	435	—	4	156	—	275	424	—	3	145	1	275
36	1	—	1	—	—	—	—	—	—	—	—	—
28	1	—	—	—	—	1	—	—	—	—	—	—
26	9	—	—	—	—	9	—	—	—	—	—	—
25	4	—	—	—	—	4	—	—	—	—	—	—
24	14	—	—	—	—	14	—	—	—	—	—	—
23	18	—	—	—	—	18	—	—	—	—	—	—
22	14	—	—	1	—	13	—	—	—	—	—	—
21	8	—	—	—	—	8	1	—	—	—	—	1
20	5	—	—	—	—	5	—	—	—	—	—	—
19	5	—	—	—	—	5	—	—	—	—	—	—
18	356	—	3	155	—	198	423	—	3	145	1	274
										Total trips:		1,296
MYSTIC RIVER, MA												
	Upbound						Downbound					
Grand Total	492	124	92	49	144	83	479	126	92	47	142	72
FOREIGN												
Total	225	124	89	6	2	4	226	126	88	6	1	5
38	9	—	9	—	—	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

MYSTIC RIVER, MA - continued

Upbound

Downbound

FOREIGN

37	5	—	5	—	—	—	2	2	—	—	—	—
36	22	—	22	—	—	—	12	8	4	—	—	—
35	6	—	6	—	—	—	8	3	5	—	—	—
34	11	1	10	—	—	—	6	2	4	—	—	—
33	12	—	12	—	—	—	9	1	8	—	—	—
32	10	1	9	—	—	—	12	4	8	—	—	—
31	7	—	7	—	—	—	15	3	12	—	—	—
30	5	2	3	—	—	—	9	4	5	—	—	—
29	6	5	1	—	—	—	4	2	2	—	—	—
28	18	16	1	—	—	1	15	12	2	—	—	1
27	14	14	—	—	—	—	14	13	1	—	—	—
26	34	34	—	—	—	—	33	18	15	—	—	—
25	14	13	1	—	—	—	14	11	3	—	—	—
24	16	12	3	—	1	—	29	14	15	—	—	—
23	10	10	—	—	—	—	8	6	2	—	—	—
22	9	7	—	1	—	1	8	7	1	—	—	—
21	3	3	—	—	—	—	10	10	—	—	—	—
20	3	3	—	—	—	—	5	5	—	—	—	—
19	2	2	—	—	—	—	1	1	—	—	—	—
18	9	1	—	5	1	2	12	—	1	6	1	4

DOMESTIC

Total	267	—	3	43	142	79	253	—	4	41	141	67
38	3	—	3	—	—	—	—	—	—	—	—	—
27	15	—	—	—	15	—	—	—	—	—	—	—
26	8	—	—	—	7	1	1	—	1	—	—	—
25	4	—	—	—	1	3	—	—	—	—	—	—
24	11	—	—	—	2	9	—	—	—	—	—	—
23	12	—	—	—	1	11	—	—	—	—	—	—
22	7	—	—	3	2	2	—	—	—	—	—	—
21	5	—	—	—	—	5	1	—	—	—	1	—
20	6	—	—	—	4	2	1	—	—	—	1	—
19	3	—	—	—	2	1	—	—	—	—	—	—
18	193	—	—	40	108	45	250	—	3	41	139	67
Total trips:											971	

WEYMOUTH FORE RIVER, MA

Upbound

Downbound

Grand Total	348	1	53	10	—	284	348	—	53	20	—	275
--------------------	------------	----------	-----------	-----------	----------	------------	------------	----------	-----------	-----------	----------	------------

FOREIGN

Total	54	1	53	—	—	—	53	—	53	—	—	—
36	25	—	25	—	—	—	5	—	5	—	—	—
35	4	1	3	—	—	—	2	—	2	—	—	—
34	4	—	4	—	—	—	—	—	—	—	—	—
33	5	—	5	—	—	—	1	—	1	—	—	—
32	5	—	5	—	—	—	1	—	1	—	—	—
31	1	—	1	—	—	—	14	—	14	—	—	—
30	2	—	2	—	—	—	1	—	1	—	—	—
29	2	—	2	—	—	—	1	—	1	—	—	—
28	—	—	—	—	—	—	2	—	2	—	—	—
27	—	—	—	—	—	—	1	—	1	—	—	—
26	2	—	2	—	—	—	4	—	4	—	—	—
25	2	—	2	—	—	—	2	—	2	—	—	—
24	1	—	1	—	—	—	12	—	12	—	—	—
23	—	—	—	—	—	—	3	—	3	—	—	—
22	1	—	1	—	—	—	1	—	1	—	—	—
20	—	—	—	—	—	—	1	—	1	—	—	—
19	—	—	—	—	—	—	1	—	1	—	—	—
18	—	—	—	—	—	—	1	—	1	—	—	—

DOMESTIC

Total	294	—	—	10	—	284	295	—	—	20	—	275
25	—	—	—	—	—	—	1	—	—	—	—	1
23	2	—	—	—	—	2	—	—	—	—	—	—
22	1	—	—	—	—	1	—	—	—	—	—	—
21	1	—	—	—	—	1	—	—	—	—	—	—
20	2	—	—	—	—	2	—	—	—	—	—	—
19	1	—	—	—	—	1	—	—	—	—	—	—
18	287	—	—	10	—	277	294	—	—	20	—	274
Total trips:											696	

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels		
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	
TOWN RIVER, MA													
			Upbound						Downbound				
Grand Total	129	1	5	48	—	75	129	—	6	48	19	56	
FOREIGN													
Total	4	1	3	—	—	—	4	—	4	—	—	—	
35	1	1	—	—	—	—	—	—	—	—	—	—	
34	1	—	1	—	—	—	—	—	—	—	—	—	
32	1	—	1	—	—	—	1	—	1	—	—	—	
30	—	—	—	—	—	—	1	—	1	—	—	—	
27	1	—	1	—	—	—	1	—	1	—	—	—	
15	—	—	—	—	—	—	1	—	1	—	—	—	
DOMESTIC													
Total	125	—	2	48	—	75	125	—	2	48	19	56	
29	1	—	—	—	—	1	—	—	—	—	—	—	
27	2	—	—	—	—	2	—	—	—	—	—	—	
26	1	—	—	—	—	1	—	—	—	—	—	—	
25	2	—	—	—	—	2	—	—	—	—	—	—	
24	6	—	—	—	—	6	—	—	—	—	—	—	
23	1	—	—	—	—	1	—	—	—	—	—	—	
22	1	—	—	—	—	1	—	—	—	—	—	—	
21	4	—	—	—	—	4	1	—	—	—	—	1	
20	1	—	—	—	—	1	—	—	—	—	—	—	
19	—	—	—	—	—	—	1	—	—	—	—	1	
18	7	—	—	3	—	4	2	—	—	1	—	1	
17	4	—	1	—	—	3	4	—	—	—	—	4	
16	7	—	1	1	—	5	1	—	—	1	—	—	
15	2	—	—	—	—	2	—	—	—	—	—	—	
14	3	—	—	—	—	3	—	—	—	—	—	—	
12	83	—	—	44	—	39	116	—	2	46	19	49	
Total trips:											19	258	

CAPE COD CANAL, MA													
			Upbound						Downbound				
Grand Total	1,007	111	39	232	191	434	985	115	32	232	173	433	
FOREIGN													
Total	135	109	17	2	6	1	131	114	12	3	2	—	
38	1	1	—	—	—	—	2	1	1	—	—	—	
36	—	—	—	—	—	—	1	—	1	—	—	—	
32	—	—	—	—	—	—	1	—	1	—	—	—	
29	2	1	1	—	—	—	—	—	—	—	—	—	
28	3	3	—	—	—	—	4	3	1	—	—	—	
27	7	6	1	—	—	—	6	5	1	—	—	—	
26	12	11	1	—	—	—	26	25	1	—	—	—	
25	7	3	3	—	—	1	2	1	1	—	—	—	
24	6	5	1	—	—	—	4	3	1	—	—	—	
23	7	4	3	—	—	—	2	2	—	—	—	—	
22	14	14	—	—	—	—	4	4	—	—	—	—	
21	19	19	—	—	—	—	6	6	—	—	—	—	
20	1	1	—	—	—	—	19	19	—	—	—	—	
19	6	6	—	—	—	—	5	5	—	—	—	—	
18	50	35	7	2	6	—	49	40	4	3	2	—	
DOMESTIC													
Total	872	2	22	230	185	433	854	1	20	229	171	433	
38	3	—	3	—	—	—	—	—	—	—	—	—	
36	1	—	1	—	—	—	—	—	—	—	—	—	
34	3	2	1	—	—	—	—	—	—	—	—	—	
32	1	—	—	—	—	1	1	—	1	—	—	—	

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

CAPE COD CANAL, MA - continued

	Upbound						Downbound					
DOMESTIC												
29	1	—	—	—	—	1	—	—	—	—	—	—
28	4	—	—	—	—	4	1	—	1	—	—	—
27	23	—	—	—	15	8	—	—	—	—	—	—
26	42	—	—	—	7	35	2	—	1	—	—	1
25	24	—	2	—	1	21	2	—	—	—	—	2
24	59	—	—	—	2	57	—	—	—	—	—	—
23	37	—	—	—	1	36	2	1	—	—	—	1
22	44	—	—	8	2	34	—	—	—	—	—	—
21	10	—	—	—	7	3	25	—	—	—	1	24
20	35	—	—	1	10	24	6	—	—	—	5	1
19	14	—	—	—	3	11	9	—	—	—	8	1
18	571	—	15	221	137	198	806	—	17	229	157	403
										Total trips:		1,992

NEW BEDFORD AND FAIRHAVEN HARBOR, MA

	Inbound						Outbound					
Grand Total	2,242	725	11	737	231	538	2,244	721	8	740	236	539
FOREIGN												
Total	79	68	11	—	—	—	78	67	8	1	1	1
30	6	3	3	—	—	—	—	—	—	—	—	—
29	9	4	5	—	—	—	—	—	—	—	—	—
28	3	3	—	—	—	—	5	4	1	—	—	—
27	12	12	—	—	—	—	3	3	—	—	—	—
26	1	1	—	—	—	—	4	2	2	—	—	—
25	7	7	—	—	—	—	10	10	—	—	—	—
24	2	—	2	—	—	—	1	—	1	—	—	—
23	—	—	—	—	—	—	1	1	—	—	—	—
22	11	10	1	—	—	—	11	11	—	—	—	—
21	2	2	—	—	—	—	3	2	1	—	—	—
20	1	1	—	—	—	—	5	4	1	—	—	—
19	9	9	—	—	—	—	4	3	1	—	—	—
18	7	7	—	—	—	—	10	10	—	—	—	—
17	1	1	—	—	—	—	5	5	—	—	—	—
16	2	2	—	—	—	—	4	2	—	1	—	1
14	—	—	—	—	—	—	2	2	—	—	—	—
13	—	—	—	—	—	—	1	1	—	—	—	—
12	6	6	—	—	—	—	9	7	1	—	1	—
DOMESTIC												
Total	2,163	657	—	737	231	538	2,166	654	—	739	235	538
27	1	—	—	—	—	1	—	—	—	—	—	—
26	3	—	—	—	—	3	—	—	—	—	—	—
25	1	—	—	—	—	1	—	—	—	—	—	—
24	2	—	—	—	—	2	—	—	—	—	—	—
18	5	—	—	—	—	5	—	—	—	—	—	—
17	14	—	—	—	—	14	—	—	—	—	—	—
16	30	—	—	26	—	4	26	—	—	26	—	—
15	18	—	—	16	—	2	15	—	—	15	—	—
14	13	—	—	12	—	1	13	—	—	13	—	—
13	12	—	—	11	—	1	51	—	—	12	39	—
12	2,064	657	—	672	231	504	2,061	654	—	673	196	538
										Total trips:		4,486

FALL RIVER HARBOR, MA

	Inbound						Outbound					
Grand Total	313	72	5	194	18	24	304	71	5	191	18	19
FOREIGN												
Total	20	15	5	—	—	—	20	15	5	—	—	—
35	1	1	—	—	—	—	—	—	—	—	—	—
33	1	—	1	—	—	—	—	—	—	—	—	—
31	1	1	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	1	—	1	—	—	—
27	1	1	—	—	—	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

FALL RIVER HARBOR, MA - continued

	Inbound						Outbound						
FOREIGN													
26	5	4	1	—	—	—	2	2	—	—	—	—	
25	2	1	1	—	—	—	—	—	—	—	—	—	
24	1	—	1	—	—	—	2	1	1	—	—	—	
23	1	1	—	—	—	—	2	1	1	—	—	—	
22	1	1	—	—	—	—	2	2	—	—	—	—	
21	1	1	—	—	—	—	2	1	1	—	—	—	
20	—	—	—	—	—	—	2	2	—	—	—	—	
18	5	4	1	—	—	—	7	6	1	—	—	—	
DOMESTIC													
Total	293	57	—	194	18	24	284	56	—	191	18	19	
34	57	57	—	—	—	—	—	—	—	—	—	—	
28	1	—	—	—	—	1	—	—	—	—	—	—	
27	1	—	—	—	—	1	—	—	—	—	—	—	
26	1	—	—	—	—	1	—	—	—	—	—	—	
25	2	—	—	—	—	2	—	—	—	—	—	—	
24	2	—	—	—	—	2	—	—	—	—	—	—	
23	1	—	—	—	—	1	31	31	—	—	—	—	
22	1	—	—	—	—	1	—	—	—	—	—	—	
21	13	—	—	—	12	1	—	—	—	—	—	—	
20	6	—	—	—	2	4	—	—	—	—	—	—	
19	—	—	—	—	—	—	25	25	—	—	—	—	
18	208	—	—	194	4	10	228	—	—	191	18	19	
											Total trips:	18	19

PROVIDENCE RIVER AND HARBOR, RI

	Inbound						Outbound					
Grand Total	930	64	105	324	56	381	966	74	120	326	74	372
FOREIGN												
Total	134	64	62	1	1	6	157	73	81	1	—	2
39	—	—	—	—	—	—	2	2	—	—	—	—
38	1	—	1	—	—	—	—	—	—	—	—	—
37	1	—	1	—	—	—	—	—	—	—	—	—
36	1	—	1	—	—	—	1	1	—	—	—	—
35	7	5	2	—	—	—	5	4	1	—	—	—
34	13	9	4	—	—	—	3	2	1	—	—	—
33	18	10	8	—	—	—	1	1	—	—	—	—
32	6	1	5	—	—	—	4	3	1	—	—	—
31	6	1	5	—	—	—	5	2	3	—	—	—
30	10	4	6	—	—	—	5	2	3	—	—	—
29	8	4	4	—	—	—	3	1	2	—	—	—
28	7	2	4	—	—	1	7	—	7	—	—	—
27	4	1	3	—	—	—	3	2	1	—	—	—
26	9	4	5	—	—	—	7	—	7	—	—	—
25	5	2	3	—	—	—	25	8	17	—	—	—
24	9	3	6	—	—	—	21	8	13	—	—	—
23	3	2	1	—	—	—	12	7	5	—	—	—
22	4	4	—	—	—	—	18	12	6	—	—	—
21	2	1	1	—	—	—	12	8	4	—	—	—
20	6	4	2	—	—	—	4	2	2	—	—	—
19	1	1	—	—	—	—	4	1	2	—	—	1
18	13	6	—	1	1	5	15	7	6	1	—	1
DOMESTIC												
Total	796	—	43	323	55	375	809	1	39	325	74	370
39	1	—	1	—	—	—	—	—	—	—	—	—
38	2	—	2	—	—	—	—	—	—	—	—	—
36	3	—	3	—	—	—	—	—	—	—	—	—
34	1	—	1	—	—	—	—	—	—	—	—	—
33	2	—	2	—	—	—	—	—	—	—	—	—
32	3	—	3	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	1	—	1	—	—	—
30	5	—	2	—	—	3	—	—	—	—	—	—
29	12	—	—	—	—	12	—	—	—	—	—	—
28	9	—	1	—	—	8	—	—	1	—	—	1
27	12	—	1	—	—	11	2	—	1	—	—	—
26	7	—	1	—	—	6	—	—	—	—	—	—
25	7	—	—	—	—	7	—	—	1	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PROVIDENCE RIVER AND HARBOR, RI - continued
Inbound

Outbound

DOMESTIC

24	24	—	—	—	—	24	3	—	2	—	—	1
23	64	—	—	—	—	64	1	—	—	—	—	1
22	103	—	2	31	—	70	3	—	3	—	—	—
21	39	—	—	1	—	38	1	—	—	—	—	1
20	13	—	—	—	—	13	1	—	—	—	—	1
19	8	—	—	—	—	8	2	—	—	—	—	2
18	481	—	24	291	55	111	792	1	29	325	74	363
Total trips:											1,896	

NEW LONDON HARBOR, CT

Upbound

Downbound

Grand Total	6,760	6,540	17	68	64	71	6,758	6,540	18	69	64	67
--------------------	-------	-------	----	----	----	----	-------	-------	----	----	----	----

FOREIGN

Total	9	6	3	—	—	—	9	6	3	—	—	—
36	1	—	1	—	—	—	—	—	—	—	—	—
30	1	—	1	—	—	—	—	—	—	—	—	—
28	2	1	1	—	—	—	—	—	—	—	—	—
26	1	1	—	—	—	—	1	—	1	—	—	—
25	1	1	—	—	—	—	—	—	—	—	—	—
24	—	—	—	—	—	—	1	1	—	—	—	—
23	2	2	—	—	—	—	2	2	—	—	—	—
22	—	—	—	—	—	—	2	1	1	—	—	—
20	1	1	—	—	—	—	2	1	1	—	—	—
18	—	—	—	—	—	—	1	1	—	—	—	—

DOMESTIC

Total	6,751	6,534	14	68	64	71	6,749	6,534	15	69	64	67
28	1	—	1	—	—	—	—	—	—	—	—	—
24	6	—	—	—	—	6	1	—	1	—	—	—
22	2	—	—	—	2	—	1	—	1	—	—	—
21	34	—	—	—	32	2	1	—	—	—	—	1
20	19	—	1	—	17	1	1	—	1	—	—	—
19	1	—	—	—	—	1	1	—	1	—	—	—
18	6,688	6,534	12	68	13	61	6,744	6,534	11	69	64	66
Total trips:											13,518	

THAMES RIVER, CT

Upbound

Downbound

Grand Total	175	17	14	46	57	41	160	17	15	46	43	39
--------------------	-----	----	----	----	----	----	-----	----	----	----	----	----

DOMESTIC

Total	175	17	14	46	57	41	160	17	15	46	43	39
28	1	—	1	—	—	—	—	—	—	—	—	—
24	1	—	—	—	—	1	1	—	1	—	—	—
22	2	—	—	—	2	—	1	—	1	—	—	—
21	33	—	—	—	32	1	1	—	—	—	—	1
20	18	—	1	—	17	—	1	—	1	—	—	—
19	—	—	—	—	—	—	1	—	1	—	—	—
18	3	—	—	2	—	1	1	—	—	—	—	1
17	47	—	1	38	—	8	41	—	1	39	1	—
16	19	—	—	—	—	19	38	—	—	—	38	—
15	12	—	5	—	—	7	4	—	4	—	—	—
14	14	—	5	1	6	2	9	—	5	—	4	—
13	2	—	—	2	—	—	2	—	—	2	—	—
12	23	17	1	3	—	2	60	17	1	5	—	37
Total trips:											335	

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

CONNECTICUT RIVER BELOW HARTFORD, CT
Upbound

Grand Total	22,062	10,108	---	5,927	5,914	113	22,060	10,110	---	5,927	5,913	110
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Downbound

DOMESTIC

Total	22,062	10,108	---	5,927	5,914	113	22,060	10,110	---	5,927	5,913	110
20	1	---	---	---	---	1	---	---	---	---	---	---
15	1	---	---	1	---	---	1	---	---	1	---	---
12	7	---	---	6	---	1	7	---	---	7	---	---
11	109	---	---	---	---	109	1	---	---	---	---	1
10	5	---	---	5	---	---	3	---	---	3	---	---
9	2	---	---	---	---	2	1	---	---	1	---	---
8	3	---	---	3	---	---	8,304	8,302	---	2	---	---
7	572	572	---	---	---	---	588	588	---	---	---	---
6	21,362	9,536	---	5,912	5,914	---	13,155	1,220	---	5,913	5,913	109
Total trips:											44,122	

NEW HAVEN HARBOR, CT

Grand Total	1,777	154	188	807	172	456	1,770	157	182	802	173	456
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Inbound

Outbound

FOREIGN

Total	271	154	117	---	---	---	274	157	115	1	1	---
38	8	1	7	---	---	---	2	---	2	---	---	---
36	32	5	27	---	---	---	2	1	1	---	---	---
35	40	17	23	---	---	---	3	2	1	---	---	---
34	14	5	9	---	---	---	1	1	---	---	---	---
33	25	8	17	---	---	---	4	3	1	---	---	---
32	15	9	6	---	---	---	2	2	---	---	---	---
31	11	4	7	---	---	---	5	3	2	---	---	---
30	13	6	7	---	---	---	7	5	2	---	---	---
29	9	5	4	---	---	---	8	5	3	---	---	---
28	9	7	2	---	---	---	17	10	7	---	---	---
27	17	14	3	---	---	---	18	14	4	---	---	---
26	16	14	2	---	---	---	34	14	20	---	---	---
25	8	7	1	---	---	---	28	8	20	---	---	---
24	13	13	---	---	---	---	36	13	23	---	---	---
23	13	12	1	---	---	---	24	10	14	---	---	---
22	5	4	1	---	---	---	16	10	6	---	---	---
21	12	12	---	---	---	---	19	11	8	---	---	---
20	6	6	---	---	---	---	21	20	1	---	---	---
19	---	---	---	---	---	---	8	8	---	---	---	---
18	5	5	---	---	---	---	19	17	---	1	---	---

DOMESTIC

Total	1,506	---	71	807	172	456	1,496	---	67	801	172	456
32	1	---	1	---	---	---	---	---	---	---	---	---
29	7	---	---	---	---	7	---	---	---	---	---	---
28	5	---	---	---	---	5	---	---	---	---	---	---
27	23	---	---	---	16	7	---	---	---	---	---	---
26	19	---	---	---	1	18	---	---	---	---	---	---
25	41	---	1	---	---	40	1	---	---	---	1	---
24	26	---	---	---	---	26	3	---	---	---	---	3
23	31	---	---	---	2	29	2	---	---	---	---	2
22	36	---	---	---	---	36	10	---	---	---	2	8
21	26	---	---	---	---	26	6	---	---	---	---	6
20	26	---	1	---	5	20	9	---	1	---	6	2
19	26	---	---	---	8	18	2	---	---	---	1	1
18	1,239	---	68	807	140	224	1,463	---	66	801	162	434
Total trips:											3,547	

BRIDGEPORT HARBOR, CT

Grand Total	11,110	9,634	15	653	578	230	11,085	9,635	15	653	572	210
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Inbound

Outbound

FOREIGN

Total	51	41	10	---	---	---	52	42	10	---	---	---
42	1	---	1	---	---	---	1	---	1	---	---	---

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

BRIDGEPORT HARBOR, CT - continued

Inbound

Outbound

FOREIGN

38	2	—	2	—	—	—	2	—	2	—	—	—
37	1	—	1	—	—	—	—	—	—	—	—	—
34	1	1	—	—	—	—	—	—	—	—	—	—
32	4	3	1	—	—	—	—	—	—	—	—	—
30	3	1	2	—	—	—	1	—	1	—	—	—
28	—	—	—	—	—	—	3	2	1	—	—	—
27	—	—	—	—	—	—	2	2	—	—	—	—
26	3	2	1	—	—	—	3	3	—	—	—	—
25	2	1	1	—	—	—	—	—	—	—	—	—
24	16	16	—	—	—	—	5	5	—	—	—	—
23	14	14	—	—	—	—	13	9	4	—	—	—
22	3	3	—	—	—	—	15	15	—	—	—	—
21	—	—	—	—	—	—	6	6	—	—	—	—
19	1	—	1	—	—	—	1	—	1	—	—	—

DOMESTIC

Total	11,059	9,593	5	653	578	230	11,033	9,593	5	653	572	210
34	—	—	—	—	—	—	1	—	1	—	—	—
30	—	—	—	—	—	—	1	—	—	—	—	1
29	2	—	—	—	—	2	—	—	—	—	—	—
28	3	—	—	—	—	3	—	—	—	—	—	—
27	2	—	—	—	—	2	4	—	—	—	—	4
26	4	—	1	—	—	3	6	—	—	—	—	6
25	9	—	—	—	—	9	7	—	1	—	—	6
24	6	—	—	—	—	6	2	—	—	—	—	2
23	13	—	—	—	—	13	1	—	—	—	—	1
22	21	—	—	1	—	20	4	—	—	—	—	4
21	15	—	—	—	4	11	—	—	—	—	—	—
20	19	—	2	—	5	12	6	—	1	—	1	4
19	53	—	—	—	46	7	4	—	—	—	3	1
18	10,912	9,593	2	652	523	142	10,997	9,593	2	653	568	181
										Total trips:		22,195

NORWALK HARBOR, CT

Inbound

Outbound

Grand Total	429	—	—	166	211	52	420	—	—	160	207	53
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DOMESTIC

Total	429	—	—	166	211	52	420	—	—	160	207	53
17	1	—	—	—	—	1	—	—	—	—	—	—
16	14	—	—	—	—	14	—	—	—	—	—	—
15	22	—	—	—	—	22	—	—	—	—	—	—
14	1	—	—	—	—	1	—	—	—	—	—	—
13	1	—	—	—	—	1	—	—	—	—	—	—
12	24	—	—	21	3	—	20	—	—	20	—	—
11	29	—	—	—	29	—	—	—	—	—	—	—
10	204	—	—	56	148	—	25	—	—	23	2	—
9	52	—	—	17	26	9	6	—	—	6	—	—
8	38	—	—	33	3	2	58	—	—	58	—	—
7	38	—	—	37	1	—	53	—	—	51	2	—
6	5	—	—	2	1	2	258	—	—	2	203	53
										Total trips:		849

STAMFORD HARBOR, CT

Inbound

Outbound

Grand Total	1,245	2	34	594	594	21	1,247	2	32	607	590	16
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DOMESTIC

Total	1,245	2	34	594	594	21	1,247	2	32	607	590	16
16	11	—	10	—	—	1	—	—	—	—	—	—
15	19	—	19	—	—	—	—	—	—	—	—	—
14	2	—	2	—	—	—	—	—	—	—	—	—
13	9	—	1	—	—	8	—	—	—	—	—	—
12	1,204	2	2	594	594	12	1,247	2	32	607	590	16
										Total trips:		2,492

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ANDREWS RIVER, MA No Vessel Trips Reported												
ANNISQUAM RIVER, MA No Vessel Trips Reported												
APPONAUG COVE, RI No Vessel Trips Reported												
BAR HARBOR, ME (24 feet and less)												
			Inbound						Outbound			
Grand Total	79	78	---	---	1	---	70	68	---	1	1	---
										Total trips:		149
BASS HARBOR, ME (9 feet and less)												
			Inbound						Outbound			
Grand Total	2,904	2,904	---	---	---	---	2,904	2,904	---	---	---	---
										Total trips:		5,808
BEALS HARBOR, ME No Vessel Trips Reported												
BELFAST HARBOR, ME (14 feet and less)												
			Inbound						Outbound			
Grand Total	150	---	---	150	---	---	150	---	---	150	---	---
										Total trips:		300
BEVERLY HARBOR, MA No Vessel Trips Reported												
BOOTHBAY HARBOR, ME (13 feet and less)												
			Inbound						Outbound			
Grand Total	1,986	1,985	---	1	---	---	1,985	1,985	---	---	---	---
										Total trips:		3,971
BRANFORD HARBOR, CT (10 feet and less)												
			Inbound						Outbound			
Grand Total	4	---	---	4	---	---	4	---	---	4	---	---
										Total trips:		8
BRISTOL HARBOR, RI (12 feet and less)												
			Inbound						Outbound			
Grand Total	1	---	---	1	---	---	1	---	---	1	---	---
										Total trips:		2
BUCKSPORT HARBOR, ME (26 feet and less)												
			Inbound						Outbound			
Grand Total	87	---	---	67	---	20	80	---	---	60	---	20
										Total trips:		167
BUNKER HARBOR, ME No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels		
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	
CAMDEN HARBOR, ME No Vessel Trips Reported													
CANAPITSIT CHANNEL, MA No Vessel Trips Reported													
CAPE PORPOISE HARBOR, ME No Vessel Trips Reported													
CARVERS HARBOR, ME (9 feet and less)													
			Inbound							Outbound			
Grand Total	3,437	3,437	---	---	---	---	3,437	3,437	---	---	---	---	
										Total trips:	---	6,874	
CHATHAM (STAGE) HARBOR, MA No Vessel Trips Reported													
CLINTON HARBOR, CT (4 feet and less)													
			Inbound							Outbound			
Grand Total	6	6	---	---	---	---	6	6	---	---	---	---	
										Total trips:	---	12	
COBSCOOK BAY, ME No Vessel Trips Reported													
COHASSET HARBOR, MA No Vessel Trips Reported													
COREA HARBOR, ME No Vessel Trips Reported													
CRIEHAVEN HARBOR, ME No Vessel Trips Reported													
CROSS RIP SHOALS, NANTUCKET SOUND, MA (13 feet and less)													
			Upbound							Downbound			
Grand Total	764	675	8	39	38	4	767	675	8	40	39	5	
										Total trips:	---	1,531	
CUTTYHUNK HARBOR, MA (8 feet and less)													
			Inbound							Outbound			
Grand Total	19	---	---	10	---	9	13	---	---	6	---	7	
										Total trips:	---	32	
DAMARISCOTTA RIVER, ME (13 feet and less)													
			Upbound							Downbound			
Grand Total	2	---	---	2	---	---	2	---	---	2	---	4	
										Total trips:	---	4	
DORCHESTER BAY, MA No Vessel Trips Reported													
DUXBURY HARBOR, MA No Vessel Trips Reported													

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
EDGARTOWN HARBOR, MA (4 feet and less)												
				Inbound							Outbound	
Grand Total	72,674	72,674	---	---	---	---	72,674	72,674	---	---	---	---
										Total trips:	---	145,348
ESSEX RIVER, MA No Vessel Trips Reported												
FALMOUTH HARBOR, MA (8 feet and less)												
				Inbound							Outbound	
Grand Total	3,376	3,376	---	---	---	---	3,377	3,376	---	---	1	---
										Total trips:	---	6,753
FIVEMILE RIVER HARBOR, CT No Vessel Trips Reported												
FORT POINT CHANNEL, MA No Vessel Trips Reported												
GLOUCESTER HARBOR, MA (18 feet and less)												
				Inbound							Outbound	
Grand Total	311	6	303	2	---	---	304	1	303	---	---	---
										Total trips:	---	615
GREAT SALT POND, BLOCK ISLAND, RI (10 feet and less)												
				Inbound							Outbound	
Grand Total	2,319	2,319	---	---	---	---	2,319	2,319	---	---	---	---
										Total trips:	---	4,638
GREEN HARBOR, MA (4 feet and less)												
				Inbound							Outbound	
Grand Total	25	25	---	---	---	---	25	25	---	---	---	---
										Total trips:	---	50
GREENWICH BAY, RI No Vessel Trips Reported												
GREENWICH HARBOR, CT (12 feet and less)												
				Inbound							Outbound	
Grand Total	1,656	1,649	---	7	---	---	1,643	1,636	---	7	---	---
										Total trips:	---	3,299
GUILFORD HARBOR, CT No Vessel Trips Reported												
HAMPTON HARBOR, NH No Vessel Trips Reported												
HARBOR OF REFUGE AT SANDY BAY, CAPE ANN, MA No Vessel Trips Reported												
HARBOR OF REFUGE, BLOCK ISLAND, RI No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
HARBOR OF REFUGE, NANTUCKET, MA (13 feet and less)												
				Inbound						Outbound		
Grand Total	8,574	8,469	8	47	45	5	8,545	8,469	8	32	32	4
										Total trips:		17,119
HARBOR OF REFUGE, POINT JUDITH AND POINT JUDITH POND, RI (12 feet and less)												
				Inbound						Outbound		
Grand Total	1,980	1,977	—	3	—	—	1,981	1,977	—	4	—	—
										Total trips:		3,961
HARRASEEKET RIVER, ME No Vessel Trips Reported												
HAY (WEST) HARBOR, NY (9 feet and less)												
				Inbound						Outbound		
Grand Total	1,973	1,973	—	—	—	—	1,973	1,973	—	—	—	—
										Total trips:		3,946
HENDRICKS HARBOR, ME No Vessel Trips Reported												
HINGHAM HARBOR, MA No Vessel Trips Reported												
HOUSATONIC RIVER, CT (14 feet and less)												
				Upbound						Downbound		
Grand Total	54	—	—	16	—	38	52	—	—	16	—	36
										Total trips:		106
HYANNIS HARBOR, MA (12 feet and less)												
				Inbound						Outbound		
Grand Total	10,421	10,421	—	—	—	—	10,422	10,422	—	—	—	—
										Total trips:		20,843
IPSWICH RIVER, MA No Vessel Trips Reported												
ISLE AU HAUT THOROUGHFARE, ME (6 feet and less)												
				Upbound						Downbound		
Grand Total	855	855	—	—	—	—	855	855	—	—	—	—
										Total trips:		1,710
ISLE OF SHOALS HARBOR, ME AND NH No Vessel Trips Reported												
JOSIAS RIVER, ME (13 feet and less)												
				Upbound						Downbound		
Grand Total	—	—	—	—	—	—	1	—	—	1	—	—
										Total trips:		1
KENNEBEC RIVER, ME No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
KENNEBUNK RIVER, ME No Vessel Trips Reported												
LAGOON POND, MARTHA'S VINEYARD, MA No Vessel Trips Reported												
LUBEC CHANNEL, ME (12 feet and less)												
			Upbound						Downbound			
Grand Total	5	5	---	---	---	---	5	5	---	---	---	---
										Total trips:	---	10
LYNN HARBOR, MA No Vessel Trips Reported												
MACHIAS RIVER, ME No Vessel Trips Reported												
MALDEN RIVER, MA No Vessel Trips Reported												
MANCHESTER HARBOR, MA (12 feet and less)												
			Inbound						Outbound			
Grand Total	4	---	---	4	---	---	3	---	---	3	---	---
										Total trips:	---	7
MARBLEHEAD HARBOR, MA No Vessel Trips Reported												
MATINICUS HARBOR, ME (9 feet and less)												
			Inbound						Outbound			
Grand Total	97	97	---	---	---	---	97	97	---	---	---	---
										Total trips:	---	194
MATTAPOISETT HARBOR, MA No Vessel Trips Reported												
MENEMSHA CREEK, MARTHA'S VINEYARD, MA No Vessel Trips Reported												
MILFORD HARBOR, CT No Vessel Trips Reported												
MOOSABEC BAR, ME No Vessel Trips Reported												
MYSTIC RIVER, CT (6 feet and less)												
			Upbound						Downbound			
Grand Total	949	949	---	---	---	---	949	949	---	---	---	---
										Total trips:	---	1,898
NARRAGUAGUS RIVER, ME No Vessel Trips Reported												
NEPONSET RIVER, MA No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
NEW HARBOR, ME No Vessel Trips Reported												
NEWBURYPORT HARBOR, MA (6 feet and less)												
				Inbound							Outbound	
Grand Total	251	251	---	---	---	---	251	251	---	---	---	---
										Total trips:	---	502
NEWPORT HARBOR, RI (16 feet and less)												
				Upbound							Downbound	
Grand Total	1,726	1,704	---	15	---	7	1,721	1,704	---	12	---	5
										Total trips:	---	3,447
NIANTIC BAY AND HARBOR, CT (6 feet and less)												
				Inbound							Outbound	
Grand Total	274	274	---	---	---	---	274	274	---	---	---	---
										Total trips:	---	548
NORTHEAST HARBOR, ME (6 feet and less)												
				Inbound							Outbound	
Grand Total	3,313	1,685	---	825	803	---	3,313	1,685	---	825	803	---
										Total trips:	803	6,626
OWLS HEAD HARBOR, ME No Vessel Trips Reported												
PATCHOGUE RIVER, CT No Vessel Trips Reported												
PAWCATUCK RIVER, RI AND CT No Vessel Trips Reported												
PLEASANT RIVER, ME No Vessel Trips Reported												
PLYMOUTH HARBOR, MA (12 feet and less)												
				Upbound							Downbound	
Grand Total	354	352	---	2	---	---	354	352	---	2	---	---
										Total trips:	---	708
PROVINCETOWN HARBOR, MA (9 feet and less)												
				Inbound							Outbound	
Grand Total	1,148	1,148	---	---	---	---	1,151	1,151	---	---	---	---
										Total trips:	---	2,299
RED BROOK HARBOR, BOURNE, MA No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
RESERVED CHANNEL (BOSTON CHANNEL) (42 feet and less)												
				Upbound							Downbound	
Grand Total	399	311	1	31	17	39	389	308	---	27	14	40
										Total trips:		788
ROCKLAND HARBOR, ME (15 feet and less)												
				Inbound							Outbound	
Grand Total	5,277	5,237	---	22	18	---	5,284	5,235	---	27	22	---
										Total trips:		10,561
ROCKPORT HARBOR, MA No Vessel Trips Reported												
ROCKPORT HARBOR, ME No Vessel Trips Reported												
ROYAL RIVER, ME No Vessel Trips Reported												
RYE HARBOR, NH No Vessel Trips Reported												
SACO RIVER, ME (8 feet and less)												
				Upbound							Downbound	
Grand Total	1	---	---	1	---	---	1	---	---	1	---	---
										Total trips:		2
SAKONNET RIVER AND HARBOR, RI No Vessel Trips Reported												
SCARBORO RIVER, ME No Vessel Trips Reported												
SCITUATE HARBOR, MA No Vessel Trips Reported												
SEEKONK RIVER, RI No Vessel Trips Reported												
SOUTH BRISTOL HARBOR, ME No Vessel Trips Reported												
SOUTHWEST HARBOR, ME No Vessel Trips Reported												
ST. CROIX RIVER, ME No Vessel Trips Reported												
STOCKTON HARBOR, ME No Vessel Trips Reported												
STONINGTON HARBOR, CT No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
STONINGTON HARBOR, ME (14 feet and less)												
				Inbound							Outbound	
Grand Total	855	855	---	---	---	---	856	855	---	1	---	---
										Total trips:		1,711
STONY CREEK, CT No Vessel Trips Reported												
TAUNTON RIVER, MA No Vessel Trips Reported												
TENANTS HARBOR, ME No Vessel Trips Reported												
THOMASTON HARBOR (GEORGES RIVER), ME No Vessel Trips Reported												
VINEYARD HAVEN HARBOR, MA (12 feet and less)												
				Inbound							Outbound	
Grand Total	12,430	11,915	---	264	124	127	12,362	11,915	---	219	124	104
										Total trips:		24,792
WAREHAM HARBOR, MA No Vessel Trips Reported												
WARREN RIVER, RI (6 feet and less)												
				Upbound							Downbound	
Grand Total	10	10	---	---	---	---	10	10	---	---	---	---
										Total trips:		20
WARWICK COVE, WARWICK, RI No Vessel Trips Reported												
WELLFLEET HARBOR, MA (7 feet and less)												
				Inbound							Outbound	
Grand Total	1	---	---	1	---	---	1	---	---	1	---	---
										Total trips:		2
WESTPORT HARBOR AND SAUGATUCK RIVER, CT (12 feet and less)												
				Inbound							Outbound	
Grand Total	10	---	---	10	---	---	10	---	---	10	---	---
										Total trips:		20
WESTPORT RIVER, MA (7 feet and less)												
				Upbound							Downbound	
Grand Total	2	---	---	1	1	---	2	---	---	1	1	---
										Total trips:		4

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
WEYMOUTH BACK RIVER, MA (8 feet and less)												
				Upbound							Downbound	
Grand Total	1,545	1,545	---	---	---	---	1,545	1,545	---	---	---	---
										Total trips:	---	3,090
WICKFORD HARBOR, RI (14 feet and less)												
				Inbound							Outbound	
Grand Total	8	---	---	8	---	---	7	---	---	7	---	---
										Total trips:	---	15
WINTHROP HARBOR, MA No Vessel Trips Reported												
WOOD ISLAND HARBOR, ME AND THE POOL AT BIDDEFORD No Vessel Trips Reported												
WOODS HOLE CHANNEL, MA (24 feet and less)												
				Upbound							Downbound	
Grand Total	13,649	13,090	1	280	159	119	13,647	13,088	1	280	159	119
										Total trips:	159	27,296
YORK HARBOR, ME No Vessel Trips Reported												
EASTPORT HARBOR, ME (40 feet and less)												
				Inbound							Outbound	
Grand Total	675	675	---	---	---	---	671	671	---	---	---	---
										Total trips:	---	1,346

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

EAST CHESTER CREEK, NY

			Upbound						Downbound				
Grand Total	1,544	---	392	608	450	94	1,530	---	390	608	447	85	

DOMESTIC

Total	1,544	---	392	608	450	94	1,530	---	390	608	447	85
13	5	---	---	---	---	5	---	---	---	---	---	---
12	280	---	279	---	1	---	---	---	---	---	---	---
11	108	---	58	---	35	15	---	---	---	---	---	---
10	279	---	49	15	150	65	16	---	---	16	---	---
9	262	---	1	96	159	6	137	---	81	56	---	---
8	316	---	2	268	46	---	482	---	249	233	---	---
7	269	---	1	209	59	---	285	---	4	274	7	---
6	25	---	2	20	---	3	610	---	56	29	440	85
											Total trips:	3,074

FLUSHING BAY AND CREEK, NY

			Upbound						Downbound				
Grand Total	2,935	65	66	1,309	1,472	23	2,884	65	66	1,287	1,443	23	

DOMESTIC

Total	2,935	65	66	1,309	1,472	23	2,884	65	66	1,287	1,443	23
18	13	---	---	---	13	---	---	---	---	---	---	---
17	52	---	---	---	52	---	---	---	---	---	---	---
15	3	---	---	3	---	---	3	---	---	3	---	---
14	9	---	---	9	---	---	9	---	---	9	---	---
12	113	---	11	56	43	3	53	---	---	53	---	---
11	361	---	5	---	347	9	---	---	---	---	---	---
10	847	---	49	234	563	1	201	---	1	195	5	---
9	470	---	1	197	265	7	51	---	---	51	---	---
8	450	---	---	427	21	2	419	---	4	400	15	---
7	352	---	---	327	24	1	643	---	1	510	131	1
6	265	65	---	56	144	---	1,505	65	60	66	1,292	22
											Total trips:	5,819

HUDSON RIVER, NY (LOWER SECTION)*

			Upbound						Downbound				
Grand Total	79	2	9	38	29	1	79	2	9	38	29	1	

FOREIGN

Total	2	2	---	---	---	---	2	2	---	---	---	---
23	1	1	---	---	---	---	---	---	---	---	---	---
22	1	1	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	1	1	---	---	---	---
18	---	---	---	---	---	---	1	1	---	---	---	---

DOMESTIC

Total	77	---	9	38	29	1	77	---	9	38	29	1
24	15	---	---	---	15	---	---	---	---	---	---	---
23	7	---	---	---	7	---	---	---	---	---	---	---
21	1	---	---	---	1	---	---	---	---	---	---	---
20	2	---	---	---	2	---	---	---	---	---	---	---
18	52	---	9	38	4	1	77	---	9	38	29	1
											Total trips:	158

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

HUDSON RIVER CHANNEL, NY AND NJ*

			Upbound						Downbound				
Grand Total	36,792	33,403	70	1,003	2,147	169	36,790	33,407	77	1,002	2,148	156	

FOREIGN

Total	71	71	---	---	---	---	75	75	---	---	---	---
37	---	---	---	---	---	---	1	1	---	---	---	---
35	1	1	---	---	---	---	1	1	---	---	---	---

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
HUDSON RIVER CHANNEL, NY AND NJ - continued												
	Upbound						Downbound					
FOREIGN												
34	1	1	—	—	—	—	1	1	—	—	—	—
32	6	6	—	—	—	—	4	4	—	—	—	—
29	—	—	—	—	—	—	1	1	—	—	—	—
28	2	2	—	—	—	—	1	1	—	—	—	—
27	5	5	—	—	—	—	10	10	—	—	—	—
26	6	6	—	—	—	—	8	8	—	—	—	—
25	11	11	—	—	—	—	20	20	—	—	—	—
24	19	19	—	—	—	—	9	9	—	—	—	—
23	9	9	—	—	—	—	6	6	—	—	—	—
22	7	7	—	—	—	—	7	7	—	—	—	—
21	1	1	—	—	—	—	1	1	—	—	—	—
19	3	3	—	—	—	—	3	3	—	—	—	—
18	—	—	—	—	—	—	2	2	—	—	—	—
DOMESTIC												
Total	36,721	33,332	70	1,003	2,147	169	36,715	33,332	77	1,002	2,148	156
24	—	—	—	—	—	—	2	—	—	—	—	2
19	3	—	—	—	—	3	1	—	—	—	—	1
18	36,718	33,332	70	1,003	2,147	166	36,712	33,332	77	1,002	2,148	153
										Total trips:		73,582

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

EAST RIVER, NY*

Grand Total	Upbound						Downbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
FOREIGN												
Total	61	45	13	1	—	2	66	48	18	—	—	—
41	1	—	1	—	—	—	—	—	—	—	—	—
38	1	1	—	—	—	—	—	—	—	—	—	—
36	12	12	—	—	—	—	—	—	—	—	—	—
35	3	3	—	—	—	—	—	—	—	—	—	—
34	2	1	1	—	—	—	3	2	1	—	—	—
33	3	2	1	—	—	—	—	—	—	—	—	—
32	3	3	—	—	—	—	1	1	—	—	—	—
31	2	2	—	—	—	—	1	1	—	—	—	—
30	5	3	1	1	—	—	3	2	1	—	—	—
29	—	—	—	—	—	—	2	1	1	—	—	—
28	—	—	—	—	—	—	4	—	4	—	—	—
27	1	1	—	—	—	—	4	3	1	—	—	—
26	8	8	—	—	—	—	6	4	2	—	—	—
25	—	—	—	—	—	—	7	5	2	—	—	—
24	1	—	1	—	—	—	3	2	1	—	—	—
23	4	4	—	—	—	—	5	5	—	—	—	—
22	2	1	1	—	—	—	3	—	3	—	—	—
21	1	—	1	—	—	—	3	3	—	—	—	—
20	—	—	—	—	—	—	13	13	—	—	—	—
19	1	1	—	—	—	—	3	2	1	—	—	—
18	11	3	6	—	—	2	5	4	1	—	—	—
DOMESTIC												
Total	34,941	33,648	51	571	13	658	34,265	33,016	71	568	12	598
28	2	—	—	—	—	2	—	—	—	—	—	—
27	14	—	—	—	—	14	—	—	—	—	—	—
26	11	—	—	—	—	11	2	—	—	—	—	2
25	19	—	—	—	—	19	6	—	—	—	—	6
24	29	—	—	—	—	29	1	—	—	—	—	1
23	17	—	—	—	—	17	3	—	—	—	—	3
22	14	—	—	—	—	14	1	—	—	—	—	1
21	10	—	—	—	—	10	1	—	—	—	—	1
20	18	—	—	—	—	18	—	—	—	—	—	—
19	19	—	—	—	—	19	1	—	—	—	—	1
18	34,788	33,648	51	571	13	505	34,250	33,016	71	568	12	583
										Total trips:		69,333

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

NEWTOWN CREEK, NY

	Upbound						Downbound					
Grand Total	892	1	24	508	256	103	893	1	27	510	254	101

DOMESTIC

Total	892	1	24	508	256	103	893	1	27	510	254	101
15	—	—	—	—	—	—	1	—	—	1	—	—
14	1	—	—	1	—	—	1	—	—	1	—	—
13	13	—	—	4	—	9	4	—	—	4	—	—
12	878	1	24	503	256	94	887	1	27	504	254	101
										Total trips:		1,785

BUTTERMILK CHANNEL, NY*

	Upbound						Downbound					
Grand Total	717	205	17	87	317	91	682	184	19	100	297	82

FOREIGN

Total	206	203	2	—	—	1	186	182	4	—	—	—
40	2	2	—	—	—	—	8	8	—	—	—	—
38	3	3	—	—	—	—	5	5	—	—	—	—
36	6	6	—	—	—	—	3	3	—	—	—	—
35	15	15	—	—	—	—	13	12	1	—	—	—
34	16	16	—	—	—	—	22	22	—	—	—	—
33	12	11	1	—	—	—	11	11	—	—	—	—
32	12	12	—	—	—	—	10	10	—	—	—	—
31	24	24	—	—	—	—	16	16	—	—	—	—
30	23	23	—	—	—	—	26	26	—	—	—	—
29	21	21	—	—	—	—	7	7	—	—	—	—
28	10	10	—	—	—	—	11	11	—	—	—	—
27	17	17	—	—	—	—	12	12	—	—	—	—
26	8	8	—	—	—	—	6	5	1	—	—	—
25	5	4	1	—	—	—	4	4	—	—	—	—
24	5	5	—	—	—	—	2	2	—	—	—	—
23	1	1	—	—	—	—	2	1	1	—	—	—
22	—	—	—	—	—	—	2	2	—	—	—	—
21	—	—	—	—	—	—	1	1	—	—	—	—
20	6	6	—	—	—	—	5	5	—	—	—	—
19	10	10	—	—	—	—	9	9	—	—	—	—
18	10	9	—	—	—	1	11	10	1	—	—	—

DOMESTIC

Total	511	2	15	87	317	90	496	2	15	100	297	82
19	1	—	—	—	1	—	—	—	—	—	—	—
18	510	2	15	87	316	90	496	2	15	100	297	82
										Total trips:		1,399

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

BAY RIDGE AND RED HOOK CHANNELS, NY*

	Upbound						Downbound					
Grand Total	3,466	1,972	—	1,148	319	27	3,460	1,969	1	1,147	319	24

FOREIGN

Total	5	5	—	—	—	—	3	2	1	—	—	—
33	—	—	—	—	—	—	1	—	1	—	—	—
30	1	1	—	—	—	—	—	—	—	—	—	—
20	2	2	—	—	—	—	1	1	—	—	—	—
19	1	1	—	—	—	—	—	—	—	—	—	—
18	1	1	—	—	—	—	1	1	—	—	—	—

DOMESTIC

Total	3,461	1,967	—	1,148	319	27	3,457	1,967	—	1,147	319	24
18	3,461	1,967	—	1,148	319	27	3,457	1,967	—	1,147	319	24
										Total trips:		6,926

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

GOWANUS CREEK CHANNEL, NY*

	Upbound						Downbound					
Grand Total	1,529	---	1	661	746	121	1,514	---	1	641	750	122
DOMESTIC												
Total	1,529	---	1	661	746	121	1,514	---	1	641	750	122
28	2	---	---	---	---	2	---	---	---	---	---	---
27	10	---	---	---	---	10	1	---	---	---	---	1
26	1	---	---	---	---	1	---	---	---	---	---	---
25	5	---	---	---	---	5	---	---	---	---	---	---
24	2	---	---	---	---	2	---	---	---	---	---	---
23	2	---	---	---	---	2	---	---	---	---	---	---
22	1	---	---	---	---	1	---	---	---	---	---	---
20	1	---	---	---	---	1	---	---	---	---	---	---
19	4	---	---	---	---	4	---	---	---	---	---	---
18	1,501	---	1	661	746	93	1,513	---	1	641	750	121
										Total trips:		3,043

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

CONEY ISLAND CHANNEL, NY

	Upbound						Downbound					
Grand Total	522	---	---	232	166	124	516	---	1	246	132	137
DOMESTIC												
Total	522	---	---	232	166	124	516	---	1	246	132	137
17	---	---	---	---	---	---	14	---	---	---	---	14
16	---	---	---	---	---	---	1	---	---	---	---	1
14	---	---	---	---	---	---	5	---	---	---	---	5
13	5	---	---	---	---	5	11	---	---	---	---	11
12	---	---	---	---	---	---	27	---	---	---	---	27
11	---	---	---	---	---	---	47	---	1	---	38	8
10	20	---	---	20	---	---	90	---	---	24	64	2
9	22	---	---	21	1	---	119	---	---	31	28	60
8	52	---	---	52	---	---	75	---	---	71	---	4
7	93	---	---	91	2	---	68	---	---	67	1	---
6	43	---	---	43	---	---	48	---	---	46	---	2
5	---	---	---	---	---	---	1	---	---	---	1	---
4	42	---	---	---	---	42	1	---	---	---	---	1
3	9	---	---	---	---	9	---	---	---	---	---	---
2	236	---	---	5	163	68	9	---	---	7	---	2
										Total trips:		1,038

EAST ROCKAWAY INLET, NY

	Upbound						Downbound					
Grand Total	362	---	173	29	1	159	365	---	176	30	---	159
DOMESTIC												
Total	362	---	173	29	1	159	365	---	176	30	---	159
16	1	---	---	---	---	1	---	---	---	---	---	---
13	22	---	---	---	---	22	---	---	---	---	---	---
12	120	---	7	3	1	109	8	---	5	3	---	---
11	178	---	163	---	---	15	1	---	1	---	---	---
10	13	---	2	7	---	4	6	---	1	5	---	---
9	20	---	1	18	---	1	182	---	164	18	---	---
8	4	---	---	1	---	3	6	---	2	4	---	---
7	---	---	---	---	---	---	1	---	1	---	---	---
6	4	---	---	---	---	4	161	---	2	---	---	159
										Total trips:		727

JAMAICA BAY, NY

	Upbound						Downbound					
Grand Total	1,031	3	1	563	316	148	1,022	3	1	563	308	147
DOMESTIC												
Total	1,031	3	1	563	316	148	1,022	3	1	563	308	147
18	2	---	---	---	---	2	---	---	---	---	---	---

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

JAMAICA BAY, NY - continued

	Upbound						Downbound					
DOMESTIC												
17	14	—	—	—	—	14	—	—	—	—	—	—
16	1	—	—	—	—	1	—	—	—	—	—	—
14	5	—	—	—	—	5	—	—	—	—	—	—
13	13	—	—	2	—	11	7	—	—	2	—	5
12	996	3	1	561	316	115	1,015	3	1	561	308	142
										Total trips:		2,053

RARITAN RIVER, NJ*

	Upbound						Downbound					
FOREIGN												
Grand Total	1,253	1	3	317	823	109	1,242	1	3	303	818	117
Total	1	1	—	—	—	—	1	1	—	—	—	—
26	1	1	—	—	—	—	—	—	—	—	—	—
25	—	—	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	1,252	—	3	317	823	109	1,241	—	3	303	818	117
24	—	—	—	—	—	—	1	—	—	—	—	1
23	1	—	—	—	—	1	3	—	—	—	—	3
22	1	—	—	—	—	1	1	—	—	—	—	1
21	3	—	—	—	—	3	2	—	—	—	—	2
20	4	—	—	—	—	4	2	—	—	—	—	2
19	4	—	—	—	—	4	9	—	—	—	—	9
18	7	—	—	—	—	7	4	—	—	2	—	2
17	2	—	2	—	—	—	2	—	—	—	—	2
16	30	—	—	22	—	8	28	—	—	24	—	4
15	30	—	1	26	—	3	28	—	—	25	—	3
14	5	—	—	4	—	1	9	—	—	5	—	4
13	28	—	—	18	—	10	29	—	—	17	—	12
12	1,137	—	—	247	823	67	1,123	—	3	230	818	72
										Total trips:		2,495

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

UPPER BAY, NEW YORK HARBOR, NY AND NJ*

	Upbound						Downbound					
FOREIGN												
Grand Total	31,155	24,109	658	4,691	340	1,357	31,105	24,092	609	4,694	392	1,318
Total	1,107	794	302	6	1	4	1,066	777	271	9	2	7
50	1	—	1	—	—	—	1	—	1	—	—	—
49	—	—	—	—	—	—	2	1	1	—	—	—
48	1	1	—	—	—	—	—	—	—	—	—	—
47	1	1	—	—	—	—	—	—	—	—	—	—
46	11	5	6	—	—	—	1	1	—	—	—	—
45	9	4	5	—	—	—	4	2	2	—	—	—
44	22	7	15	—	—	—	1	1	—	—	—	—
43	8	1	7	—	—	—	2	1	1	—	—	—
42	14	4	10	—	—	—	—	—	—	—	—	—
41	11	7	4	—	—	—	—	—	—	—	—	—
40	18	6	12	—	—	—	11	10	1	—	—	—
39	40	14	26	—	—	—	23	22	1	—	—	—
38	42	13	29	—	—	—	16	14	2	—	—	—
37	62	26	36	—	—	—	14	13	1	—	—	—
36	77	46	31	—	—	—	52	48	4	—	—	—
35	79	52	27	—	—	—	44	37	7	—	—	—
34	73	52	19	1	—	1	42	37	5	—	—	—
33	68	55	13	—	—	—	74	70	4	—	—	—
32	51	41	10	—	—	—	57	49	8	—	—	—
31	42	35	7	—	—	—	46	43	3	—	—	—
30	43	38	5	—	—	—	74	45	29	—	—	—
29	38	31	7	—	—	—	27	21	6	—	—	—
28	70	64	6	—	—	—	97	47	50	—	—	—
27	68	66	2	—	—	—	85	53	32	—	—	—
26	71	65	6	—	—	—	111	63	48	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
UPPER BAY, NEW YORK HARBOR, NY AND NJ - continued												
	Upbound						Downbound					
FOREIGN												
25	47	39	7	—	—	1	69	55	14	—	—	—
24	47	45	2	—	—	—	68	52	16	—	—	—
23	16	16	—	—	—	—	36	25	11	—	—	—
22	10	7	3	—	—	—	20	11	9	—	—	—
21	14	14	—	—	—	—	30	22	8	—	—	—
20	6	6	—	—	—	—	13	12	1	—	—	—
19	1	1	—	—	—	—	—	—	—	—	—	—
18	46	32	6	5	1	2	46	22	6	9	2	7
DOMESTIC												
Total	30,048	23,315	356	4,685	339	1,353	30,039	23,315	338	4,685	390	1,311
43	—	—	—	—	—	—	1	—	1	—	—	—
40	1	—	1	—	—	—	3	—	3	—	—	—
38	—	—	—	—	—	—	1	—	1	—	—	—
36	4	—	4	—	—	—	2	—	2	—	—	—
35	1	—	—	—	—	1	—	—	—	—	—	—
34	5	—	5	—	—	—	6	—	6	—	—	—
33	1	—	1	—	—	—	—	—	—	—	—	—
32	3	—	3	—	—	—	4	—	4	—	—	—
31	2	—	2	—	—	—	3	—	3	—	—	—
30	3	—	3	—	—	—	5	—	5	—	—	—
29	2	—	2	—	—	—	4	—	4	—	—	—
28	2	—	1	—	—	1	3	—	2	—	—	1
27	7	—	2	—	—	5	4	—	3	—	—	1
26	19	—	—	—	—	19	1	—	1	—	—	—
25	27	—	1	—	—	26	3	—	2	—	—	1
24	45	—	3	—	—	42	13	—	7	—	—	6
23	37	—	—	—	—	37	2	—	1	—	—	1
22	32	—	1	1	—	30	3	—	—	—	—	3
21	34	—	1	—	—	33	5	—	1	—	1	3
20	34	—	—	—	—	34	13	—	8	—	2	3
19	27	—	2	—	—	25	10	—	6	—	1	3
18	29,762	23,315	324	4,684	339	1,100	29,953	23,315	278	4,685	386	1,289
										Total trips:		62,260

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

NEWARK BAY, NJ

Grand Total	Upbound				Downbound							
	6,233	1,623	322	2,795	392	1,101	6,154	1,525	311	2,795	417	1,106
FOREIGN												
Total	1,650	1,584	66	—	—	—	1,541	1,481	60	—	—	—
45	2	2	—	—	—	—	8	8	—	—	—	—
44	3	3	—	—	—	—	—	—	—	—	—	—
43	2	1	1	—	—	—	1	—	1	—	—	—
42	10	10	—	—	—	—	24	24	—	—	—	—
41	10	10	—	—	—	—	16	16	—	—	—	—
40	34	34	—	—	—	—	35	35	—	—	—	—
39	49	47	2	—	—	—	17	16	1	—	—	—
38	87	83	4	—	—	—	52	52	—	—	—	—
37	96	89	7	—	—	—	91	89	2	—	—	—
36	132	127	5	—	—	—	99	94	5	—	—	—
35	115	113	2	—	—	—	120	120	—	—	—	—
34	138	135	3	—	—	—	116	116	—	—	—	—
33	127	119	8	—	—	—	103	102	1	—	—	—
32	122	117	5	—	—	—	136	131	5	—	—	—
31	104	102	2	—	—	—	88	86	2	—	—	—
30	131	125	6	—	—	—	102	99	3	—	—	—
29	62	57	5	—	—	—	65	62	3	—	—	—
28	91	89	2	—	—	—	77	68	9	—	—	—
27	76	71	5	—	—	—	96	89	7	—	—	—
26	90	87	3	—	—	—	95	88	7	—	—	—
25	42	39	3	—	—	—	61	56	5	—	—	—
24	25	25	—	—	—	—	36	35	1	—	—	—
23	15	15	—	—	—	—	19	17	2	—	—	—
22	10	9	1	—	—	—	12	10	2	—	—	—
21	9	9	—	—	—	—	7	7	—	—	—	—
20	5	5	—	—	—	—	5	5	—	—	—	—
19	4	4	—	—	—	—	3	2	1	—	—	—
18	59	57	2	—	—	—	57	54	3	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

NEWARK BAY, NJ - continued

	Upbound						Downbound					
DOMESTIC												
Total	4,583	39	256	2,795	392	1,101	4,613	44	251	2,795	417	1,106
28	39	39	—	—	—	—	44	44	—	—	—	—
20	1	—	—	—	—	1	1	—	—	—	—	1
19	—	—	—	—	—	—	1	—	—	—	1	—
18	4,543	—	256	2,795	392	1,100	4,567	—	251	2,795	416	1,105
										Total trips:		12,387

HACKENSACK RIVER, NJ

	Upbound						Downbound					
Grand Total	712	—	135	248	133	196	703	1	134	244	131	193
FOREIGN												
Total	10	—	10	—	—	—	11	1	8	1	—	1
35	1	—	1	—	—	—	—	—	—	—	—	—
28	—	—	—	—	—	—	1	—	1	—	—	—
27	2	—	2	—	—	—	2	—	2	—	—	—
26	5	—	5	—	—	—	1	1	—	—	—	—
25	1	—	1	—	—	—	—	—	—	—	—	—
24	1	—	1	—	—	—	—	—	—	—	—	—
23	—	—	—	—	—	—	2	—	2	—	—	—
22	—	—	—	—	—	—	1	—	1	—	—	—
20	—	—	—	—	—	—	1	—	1	—	—	—
19	—	—	—	—	—	—	1	—	—	—	—	1
18	—	—	—	—	—	—	2	—	1	1	—	—

DOMESTIC

Total	702	—	125	248	133	196	692	—	126	243	131	192
27	1	—	—	—	—	1	—	—	—	—	—	—
26	1	—	—	—	—	1	1	—	—	—	—	1
25	1	—	—	—	—	1	—	—	—	—	—	—
24	1	—	—	—	—	1	—	—	—	—	—	—
22	58	—	—	—	58	—	1	—	—	—	—	1
21	60	—	—	—	59	1	—	—	—	—	—	—
20	6	—	—	—	6	—	1	—	—	—	—	1
19	2	—	—	—	1	1	1	—	—	—	—	1
18	572	—	125	248	9	190	688	—	126	243	131	188
										Total trips:		1,415

PASSAIC RIVER, NJ

	Upbound						Downbound					
Grand Total	1,026	—	49	419	7	551	1,006	—	50	407	7	542
DOMESTIC												
Total	1,026	—	49	419	7	551	1,006	—	50	407	7	542
26	1	—	—	—	—	1	—	—	—	—	—	—
23	2	—	—	—	—	2	—	—	—	—	—	—
22	—	—	—	—	—	—	2	—	—	—	—	2
21	1	—	—	—	—	1	2	—	—	—	2	—
20	5	—	—	—	—	5	2	—	—	—	1	1
19	12	—	—	—	—	12	5	—	—	—	—	5
18	20	—	—	10	1	9	3	—	—	1	—	2
17	20	—	2	—	—	18	9	—	—	—	—	9
16	51	—	—	23	—	28	31	—	2	22	—	7
15	52	—	—	10	—	42	20	—	3	8	—	9
14	44	—	1	22	—	21	34	—	—	20	—	14
13	66	—	—	44	—	22	97	—	—	41	—	56
12	752	—	46	310	6	390	801	—	45	315	4	437
										Total trips:		2,032

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
NEW YORK AND NEW JERSEY CHANNELS, NY AND NJ*												
	Upbound						Downbound					
Grand Total	18,580	462	2,267	6,585	2,064	7,202	18,515	366	2,311	6,568	2,069	7,201
FOREIGN												
Total	1,049	460	583	3	—	3	971	365	595	5	4	2
46	11	4	7	—	—	—	6	2	4	—	—	—
45	8	4	4	—	—	—	3	1	2	—	—	—
44	3	—	3	—	—	—	2	—	—	—	—	—
43	4	4	—	—	—	—	1	1	—	—	—	—
42	9	3	6	—	—	—	4	1	3	—	—	—
41	14	8	6	—	—	—	4	2	2	—	—	—
40	18	7	11	—	—	—	10	1	9	—	—	—
39	11	4	7	—	—	—	9	1	8	—	—	—
38	16	3	13	—	—	—	16	3	13	—	—	—
37	54	6	48	—	—	—	52	8	44	—	—	—
36	57	15	42	—	—	—	33	13	20	—	—	—
35	76	23	53	—	—	—	71	41	30	—	—	—
34	72	37	35	—	—	—	45	18	27	—	—	—
33	84	44	40	—	—	—	52	30	22	—	—	—
32	104	80	24	—	—	—	65	48	17	—	—	—
31	42	22	20	—	—	—	30	16	14	—	—	—
30	79	50	29	—	—	—	87	49	38	—	—	—
29	31	17	14	—	—	—	45	26	19	—	—	—
28	108	15	93	—	—	—	90	17	73	—	—	—
27	71	43	28	—	—	—	57	10	47	—	—	—
26	52	21	31	—	—	—	75	21	54	—	—	—
25	36	11	24	—	—	1	54	12	41	—	1	—
24	24	8	16	—	—	—	35	7	28	—	—	—
23	7	3	4	—	—	—	24	8	16	—	—	—
22	11	5	6	—	—	—	16	3	13	—	—	—
21	9	5	3	—	—	1	23	5	18	—	—	—
20	12	5	7	—	—	—	21	7	13	—	1	—
19	4	1	2	—	—	1	10	2	8	—	—	—
18	22	12	7	3	—	—	31	10	12	5	2	2
DOMESTIC												
Total	17,531	2	1,684	6,582	2,064	7,199	17,544	1	1,716	6,563	2,065	7,199
40	1	—	1	—	—	—	—	—	—	—	—	—
38	2	—	2	—	—	—	—	—	—	—	—	—
37	1	—	1	—	—	—	5	—	5	—	—	—
36	10	—	10	—	—	—	10	—	10	—	—	—
35	5	—	2	—	—	3	11	—	5	—	—	6
34	14	—	14	—	—	—	14	—	14	—	—	—
33	3	—	2	—	—	1	8	—	8	—	—	—
32	23	—	14	8	—	1	20	—	18	2	—	—
31	17	—	16	—	—	1	15	—	15	—	—	—
30	22	—	21	—	—	1	10	—	10	—	—	—
29	11	—	9	—	—	2	10	—	9	—	—	1
28	19	—	13	1	—	5	10	—	6	—	—	4
27	53	—	14	—	—	39	60	—	10	1	12	37
26	55	—	5	—	—	50	53	—	4	—	4	45
25	75	—	5	—	1	69	80	—	12	—	—	68
24	161	—	14	—	2	145	91	—	9	—	—	82
23	191	—	4	—	1	186	81	—	5	1	2	73
22	345	—	15	53	—	277	101	—	24	1	1	75
21	193	—	7	1	—	185	63	—	7	—	3	53
20	204	—	14	—	—	190	103	—	34	—	2	67
19	281	—	8	—	—	273	55	—	6	—	—	49
18	15,845	2	1,493	6,519	2,060	5,771	16,744	1	1,505	6,558	2,041	6,639
										Total trips:		37,095

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

RARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, NJ

Draft	Upbound						Downbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
Grand Total	1,219	—	3	288	821	107	1,205	—	3	280	819	103
DOMESTIC												
Total	1,219	—	3	288	821	107	1,205	—	3	280	819	103
23	4	—	—	—	—	4	1	—	—	—	—	1
22	1	—	—	—	—	1	1	—	—	—	—	1
21	2	—	—	—	—	2	2	—	—	—	—	2
20	2	—	—	—	—	2	4	—	—	—	—	4

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

RARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, NJ - continued
Upbound

Downbound

DOMESTIC

19	8	—	—	—	—	8	4	—	—	—	—	4
18	4	—	—	2	—	2	5	—	—	—	—	5
17	2	—	—	—	—	2	4	—	2	—	—	2
16	26	—	—	22	—	4	28	—	—	20	—	8
15	25	—	—	23	—	2	27	—	1	23	—	3
14	8	—	—	5	—	3	5	—	—	4	—	1
13	26	—	—	15	—	11	28	—	—	18	—	10
12	10	—	—	2	2	6	6	—	—	1	—	5
11	102	—	—	32	64	6	33	—	—	30	1	2
10	829	—	—	112	712	5	66	—	—	48	18	—
9	73	—	—	38	34	1	45	—	—	41	1	3
8	35	—	—	33	1	1	94	—	—	93	—	1
7	2	—	—	1	1	—	1	—	—	1	—	—
6	1	—	—	—	1	—	3	—	—	—	—	3
5	5	—	—	—	—	5	4	—	—	—	2	2
4	14	—	3	3	—	8	14	—	—	1	1	12
3	29	—	—	—	—	29	35	—	—	—	1	34
2	8	—	—	—	6	2	795	—	—	—	795	—
1	3	—	—	—	—	3	—	—	—	—	—	—
											Total trips:	2,424

NEW YORK HARBOR, NY LOWER ENTRANCE CHANNELS
Upbound

Downbound

Grand Total	12,413	8,016	1,335	1,439	647	976	12,066	7,715	1,273	1,490	595	993
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FOREIGN

Total	4,269	3,252	995	11	1	10	4,090	3,094	964	15	6	11
50	1	—	1	—	—	—	1	—	1	—	—	—
49	—	—	—	—	—	—	2	1	1	—	—	—
48	1	1	—	—	—	—	—	—	—	—	—	—
47	1	1	—	—	—	—	—	—	—	—	—	—
46	23	9	14	—	—	—	6	3	3	—	—	—
45	20	10	10	—	—	—	14	11	3	—	—	—
44	30	12	18	—	—	—	1	1	—	—	—	—
43	14	6	8	—	—	—	4	2	2	—	—	—
42	35	17	18	—	—	—	26	25	1	—	—	—
41	33	22	11	—	—	—	23	21	2	—	—	—
40	71	44	27	—	—	—	65	59	6	—	—	—
39	105	67	38	—	—	—	45	38	7	—	—	—
38	159	104	55	—	—	—	79	73	6	—	—	—
37	257	125	132	—	—	—	113	107	6	—	—	—
36	304	209	95	—	—	—	168	156	12	—	—	—
35	337	231	106	—	—	—	202	187	15	—	—	—
34	306	233	71	1	—	1	226	206	20	—	—	—
33	300	224	76	—	—	—	235	220	15	—	—	—
32	286	241	45	—	—	—	286	262	24	—	—	—
31	247	216	31	—	—	—	192	173	19	—	—	—
30	288	242	45	1	—	—	300	231	69	—	—	—
29	176	143	33	—	—	—	130	108	22	—	—	—
28	216	188	28	—	—	—	364	153	211	—	—	—
27	199	176	23	—	—	—	320	216	104	—	—	—
26	223	197	26	—	—	—	333	202	131	—	—	—
25	147	115	31	—	—	1	236	159	75	—	1	1
24	119	104	15	—	—	—	172	117	55	—	—	—
23	69	60	8	—	—	1	95	65	30	—	—	—
22	44	38	6	—	—	—	90	53	37	—	—	—
21	38	35	2	—	—	1	80	52	28	—	—	—
20	34	30	4	—	—	—	73	53	19	—	1	—
19	27	25	1	1	—	—	38	25	11	—	—	2
18	24	20	1	3	—	—	36	22	13	1	—	—
17	14	10	3	1	—	—	10	8	1	—	—	1
16	22	21	1	—	—	—	24	17	2	2	1	2
15	11	8	3	—	—	—	16	9	5	2	—	—
14	44	43	—	1	—	—	8	5	1	2	—	—
13	6	4	1	1	—	—	26	23	1	2	—	—
12	38	21	8	2	1	6	51	31	6	6	3	5

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
NEW YORK HARBOR, NY LOWER ENTRANCE CHANNELS - continued												
	Upbound						Downbound					
DOMESTIC												
Total	8,144	4,764	340	1,428	646	966	7,976	4,621	309	1,475	589	982
40	1	—	1	—	—	—	2	—	2	—	—	—
38	1	—	1	—	—	—	1	—	1	—	—	—
37	6	—	6	—	—	—	—	—	—	—	—	—
36	14	—	14	—	—	—	—	—	—	—	—	—
35	10	—	7	—	—	3	—	—	—	—	—	—
34	18	7	11	—	—	—	4	—	3	—	—	1
33	3	—	2	—	—	1	1	—	1	—	—	—
32	23	—	19	4	—	—	7	—	4	3	—	—
31	9	—	9	—	—	—	6	—	5	—	—	1
30	11	—	10	—	—	1	13	—	13	—	—	—
29	6	—	6	—	—	—	5	—	4	—	—	1
28	53	39	7	1	—	6	49	44	3	—	—	2
27	61	—	10	—	—	51	20	—	6	1	9	4
26	25	—	4	—	—	21	22	—	5	—	4	13
25	58	—	6	—	—	52	23	—	5	—	1	17
24	65	—	7	—	15	43	23	—	4	—	1	18
23	59	—	5	—	17	37	27	2	7	1	2	15
22	98	—	12	—	61	25	39	—	8	—	—	31
21	121	—	5	—	92	24	25	—	5	—	5	15
20	80	—	9	—	28	43	47	—	31	—	5	11
19	20	—	1	—	1	18	22	5	8	—	2	7
18	49	—	2	16	8	23	47	—	2	12	3	30
17	106	—	—	52	2	52	102	—	—	48	8	46
16	70	—	—	36	3	31	225	—	1	43	152	29
15	193	—	1	148	1	43	207	—	3	155	23	26
14	301	—	3	279	7	12	305	—	4	262	4	35
13	58	—	3	42	4	9	91	—	5	46	1	39
12	6,625	4,718	179	850	407	471	6,663	4,570	179	904	369	641
										Total trips:		24,479

HUDSON RIVER, NY, MOUTH OF SPUYTEN DUYVILL CREEK (HARLEM RIVER) TO WATERFORD, NY*

Grand Total	Upbound						Downbound					
	10,066	859	44	4,069	3,954	1,140	10,084	864	44	4,134	3,903	1,139
FOREIGN												
Total	139	124	13	1	—	1	135	122	13	—	—	—
36	1	1	—	—	—	—	—	—	—	—	—	—
32	1	1	—	—	—	—	—	—	—	—	—	—
31	34	32	2	—	—	—	10	10	—	—	—	—
30	10	8	2	—	—	—	3	3	—	—	—	—
29	4	4	—	—	—	—	3	3	—	—	—	—
28	13	12	1	—	—	—	5	5	—	—	—	—
27	7	6	1	—	—	—	6	6	—	—	—	—
26	3	3	—	—	—	—	10	10	—	—	—	—
25	10	5	5	—	—	—	14	11	3	—	—	—
24	2	2	—	—	—	—	14	10	4	—	—	—
23	10	7	2	—	—	1	7	7	—	—	—	—
22	10	10	—	—	—	—	23	19	4	—	—	—
21	7	7	—	—	—	—	12	12	—	—	—	—
20	6	6	—	—	—	—	11	10	1	—	—	—
19	6	5	—	1	—	—	6	6	—	—	—	—
18	8	8	—	—	—	—	3	2	1	—	—	—
17	2	2	—	—	—	—	1	1	—	—	—	—
16	2	2	—	—	—	—	4	4	—	—	—	—
15	2	2	—	—	—	—	2	2	—	—	—	—
14	1	1	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	9,927	735	31	4,068	3,954	1,139	9,949	742	31	4,134	3,903	1,139
34	7	7	—	—	—	—	—	—	—	—	—	—
28	1	—	—	—	—	1	—	—	—	—	—	—
27	8	—	—	—	—	8	52	—	—	—	52	—
26	9	—	—	—	—	9	17	—	—	—	17	—
25	19	—	—	—	—	19	1	—	—	—	1	—
24	58	—	—	—	15	43	2	—	—	—	2	—
23	59	—	—	—	15	44	6	3	—	—	3	—
22	60	—	—	3	—	57	—	—	—	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
HUDSON RIVER, NY, MOUTH OF SPUYTEN DUYVILL CREEK (HARLEM RIVER) TO WATERFORD, NY - continued												
	Upbound						Downbound					
DOMESTIC												
21	76	—	—	—	1	75	4	—	—	—	3	1
20	70	—	—	—	3	67	2	—	—	—	2	—
19	74	—	—	—	—	74	87	4	—	—	1	82
18	13	—	—	8	—	5	36	—	—	1	35	—
17	128	—	12	2	—	114	43	—	—	—	41	2
16	189	—	3	96	—	90	63	—	—	60	1	2
15	120	—	7	38	—	75	40	—	—	38	—	2
14	121	—	4	47	—	70	41	—	—	38	2	1
13	113	—	2	24	1	86	43	—	—	21	21	1
12	8,802	728	3	3,850	3,919	302	9,512	735	31	3,976	3,722	1,048
										Total trips:		20,150

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

HUDSON RIVER, NY, DEEPWATER IN UPPER BAY, NY TO WATERFORD, NY (CONSOLIDATED REPORT)*

Grand Total	Upbound						Downbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
	46,861	34,266	114	5,102	6,076	1,303	46,865	34,267	121	5,100	6,076	1,301
FOREIGN												
Total	210	195	13	1	—	1	210	197	13	—	—	—
37	—	—	—	—	—	—	1	1	—	—	—	—
36	1	1	—	—	—	—	—	—	—	—	—	—
35	1	1	—	—	—	—	1	1	—	—	—	—
34	1	1	—	—	—	—	1	1	—	—	—	—
32	7	7	—	—	—	—	4	4	—	—	—	—
31	34	32	2	—	—	—	10	10	—	—	—	—
30	10	8	2	—	—	—	3	3	—	—	—	—
29	4	4	—	—	—	—	4	4	—	—	—	—
28	15	14	1	—	—	—	6	6	—	—	—	—
27	12	11	1	—	—	—	16	16	—	—	—	—
26	9	9	—	—	—	—	18	18	—	—	—	—
25	21	16	5	—	—	—	34	31	3	—	—	—
24	21	21	—	—	—	—	23	19	4	—	—	—
23	19	16	2	—	—	1	13	13	—	—	—	—
22	17	17	—	—	—	—	30	26	4	—	—	—
21	8	8	—	—	—	—	13	13	—	—	—	—
20	6	6	—	—	—	—	11	10	1	—	—	—
19	9	8	—	1	—	—	9	9	—	—	—	—
18	15	15	—	—	—	—	13	12	1	—	—	—
DOMESTIC												
Total	46,651	34,071	101	5,101	6,076	1,302	46,655	34,070	108	5,100	6,076	1,301
34	7	7	—	—	—	—	—	—	—	—	—	—
28	1	—	—	—	—	1	—	—	—	—	—	—
27	8	—	—	—	—	8	52	—	—	—	52	—
26	9	—	—	—	—	9	17	—	—	—	17	—
25	19	—	—	—	—	19	1	—	—	—	1	—
24	58	—	—	—	15	43	4	—	—	—	2	2
23	59	—	—	—	15	44	6	3	—	—	3	—
22	60	—	—	3	—	57	—	—	—	—	—	—
21	76	—	—	—	1	75	4	—	—	—	3	1
20	70	—	—	—	3	67	2	—	—	—	2	—
19	77	—	—	—	—	77	6	4	—	—	1	1
18	46,207	34,064	101	5,098	6,042	902	46,563	34,063	108	5,100	5,995	1,297
										Total trips:		93,726

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

PORT OF ALBANY, NY*

Grand Total	Inbound				Outbound							
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Tow or Tug	Dry Cargo
	881	86	30	161	6	598	878	85	29	156	8	600
FOREIGN												
Total	101	86	13	1	—	1	98	85	13	—	—	—
31	19	17	2	—	—	—	10	10	—	—	—	—
30	8	6	2	—	—	—	2	2	—	—	—	—
29	2	2	—	—	—	—	3	3	—	—	—	—
28	3	2	1	—	—	—	5	5	—	—	—	—
27	5	4	1	—	—	—	6	6	—	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PORT OF ALBANY, NY - continued												
	Inbound						Outbound					
FOREIGN												
26	3	3	—	—	—	—	6	6	—	—	—	—
25	10	5	5	—	—	—	9	6	3	—	—	—
24	2	2	—	—	—	—	12	8	4	—	—	—
23	9	6	2	—	—	1	6	6	—	—	—	—
22	8	8	—	—	—	—	13	9	4	—	—	—
21	6	6	—	—	—	—	3	3	—	—	—	—
20	6	6	—	—	—	—	8	7	1	—	—	—
19	6	5	—	1	—	—	6	6	—	—	—	—
18	8	8	—	—	—	—	3	2	1	—	—	—
17	1	1	—	—	—	—	1	1	—	—	—	—
16	2	2	—	—	—	—	3	3	—	—	—	—
15	2	2	—	—	—	—	1	1	—	—	—	—
14	1	1	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	780	—	17	160	6	597	780	—	16	156	8	600
28	1	—	—	—	—	1	—	—	—	—	—	—
27	6	—	—	—	—	6	—	—	—	—	—	—
26	4	—	—	—	—	4	—	—	—	—	—	—
25	11	—	—	—	—	11	—	—	—	—	—	—
24	27	—	—	—	—	27	1	—	—	—	—	1
23	28	—	—	—	—	28	1	—	—	—	—	1
22	52	—	—	3	—	49	—	—	—	—	—	—
21	59	—	—	—	—	59	1	—	—	—	1	—
20	53	—	—	—	1	52	2	—	—	—	2	—
19	43	—	—	—	—	43	—	—	—	—	—	—
18	71	—	—	3	—	68	1	—	—	—	1	—
17	78	—	12	1	—	65	2	—	—	—	1	1
16	92	—	1	85	—	6	54	—	—	51	—	3
15	50	—	1	14	—	35	18	—	—	16	—	2
14	24	—	1	12	—	11	11	—	—	11	—	—
13	29	—	—	13	1	15	12	—	—	11	—	1
12	152	—	2	29	4	117	677	—	16	67	3	591
Total trips:											1,759	

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

HEMPSTEAD HARBOR, NY

Grand Total	Inbound						Outbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
Grand Total	1,288	—	—	588	570	130	1,248	—	—	572	569	107
DOMESTIC												
Total	1,288	—	—	588	570	130	1,248	—	—	572	569	107
17	10	—	—	—	—	10	—	—	—	—	—	—
15	1	—	—	—	—	1	—	—	—	—	—	—
14	1	—	—	—	—	1	—	—	—	—	—	—
13	39	—	—	—	—	39	19	—	—	—	—	19
12	77	—	—	—	—	50	—	—	—	—	—	—
11	205	—	—	—	199	6	—	—	—	—	—	—
10	290	—	—	52	232	6	50	—	—	50	—	—
9	233	—	—	135	95	3	62	—	—	59	3	—
8	194	—	—	186	4	4	169	—	—	168	1	—
7	204	—	—	190	11	3	273	—	—	268	5	—
6	34	—	—	25	2	7	675	—	—	27	560	88
Total trips:											2,536	

PORT JEFFERSON HARBOR, NY

Grand Total	Inbound						Outbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
Grand Total	10,613	9,659	—	414	281	259	10,602	9,660	—	414	277	251
DOMESTIC												
Total	10,613	9,659	—	414	281	259	10,602	9,660	—	414	277	251
26	1	—	—	—	—	1	—	—	—	—	—	—
25	2	—	—	—	—	2	—	—	—	—	—	—
23	1	—	—	—	—	1	—	—	—	—	—	—
22	5	—	—	—	—	5	—	—	—	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PORT JEFFERSON HARBOR, NY - continued
Inbound

Outbound

DOMESTIC

21	7	—	—	—	—	7	—	—	—	—	—	—
20	32	—	—	—	—	32	—	—	—	—	—	—
19	96	—	—	—	—	96	—	—	—	—	—	—
18	56	—	—	17	—	39	2	—	—	2	—	—
17	51	—	—	—	—	51	1	—	—	—	—	1
16	12	—	—	7	—	5	8	—	—	8	—	—
15	7	—	—	6	—	1	3	—	—	3	—	—
14	23	—	—	22	—	1	24	—	—	24	—	—
13	14	—	—	11	—	3	8	—	—	8	—	—
12	10,306	9,659	—	351	281	15	10,556	9,660	—	369	277	250
										Total trips:	21,215	

BRONX RIVER, NY
(11 feet and less)

Upbound

Downbound

Grand Total	142	—	—	117	25	—	138	—	—	113	25	—
										Total trips:	280	

BROWNS CREEK, NY
(8 feet and less)

Upbound

Downbound

Grand Total	10,792	10,792	—	—	—	—	10,863	10,863	—	—	—	—
										Total trips:	21,655	

BURLINGTON HARBOR, VT
(6 feet and less)

Inbound

Outbound

Grand Total	1,237	1,237	—	—	—	—	1,237	1,237	—	—	—	—
										Total trips:	2,474	

CHEESEQUAKE CREEK, NJ
No Vessel Trips Reported

CONEY ISLAND CREEK, NY
(10 feet and less)

Upbound

Downbound

Grand Total	4	—	—	2	2	—	4	—	—	2	2	—
										Total trips:	8	

ECHO BAY HARBOR, NY
No Vessel Trips Reported

ELIZABETH RIVER, NJ
No Vessel Trips Reported

FIRE ISLAND INLET, NY
No Vessel Trips Reported

GLEN COVE CREEK, NY
(11 feet and less)

Upbound

Downbound

Grand Total	293	—	—	144	149	—	291	—	—	146	145	—
										Total trips:	584	

GLEN COVE HARBOR, NY
No Vessel Trips Reported

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
GREAT KILLS HARBOR, STATEN ISLAND, NY No Vessel Trips Reported												
GREAT SOUTH BAY, NY (10 feet and less)												
				Upbound							Downbound	
Grand Total	27,489	27,480	---	5	---	4	27,485	27,480	---	4	---	1
										Total trips:		54,974
GREENPORT HARBOR, NY (6 feet and less)												
				Inbound							Outbound	
Grand Total	39,627	39,627	---	---	---	---	39,637	39,637	---	---	---	---
										Total trips:		79,264
HARLEM RIVER, NY (12 feet and less)												
				Upbound							Downbound	
Grand Total	16	---	1	15	---	---	16	---	1	15	---	---
										Total trips:		32
HUNTINGTON HARBOR, NY No Vessel Trips Reported												
JONES INLET, NY No Vessel Trips Reported												
KEYPORT HARBOR, NJ No Vessel Trips Reported												
LAKE MONTAUK HARBOR, NY No Vessel Trips Reported												
LARCHMONT HARBOR, NY No Vessel Trips Reported												
LEMON CREEK, STATEN ISLAND, NY No Vessel Trips Reported												
LONG ISLAND INTRACOASTAL WATERWAY, NY (10 feet and less)												
				Upbound							Downbound	
Grand Total	3	---	---	2	---	1	3	---	---	2	---	1
										Total trips:		6
MAMARONECK HARBOR, NY No Vessel Trips Reported												
MANHASSET BAY, NY (10 feet and less)												
				Upbound							Downbound	
Grand Total	182	150	2	7	---	23	183	150	2	6	---	25
										Total trips:		365
MATTITUCK HARBOR, NY No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
NARROWS OF LAKE CHAMPLAIN, NY AND VT (12 feet and less)												
				Upbound						Downbound		
Grand Total	1	—	—	1	—	—	1	—	—	1	—	—
										Total trips:	—	2
NEW ROCHELLE HARBOR, NY (5 feet and less)												
				Upbound						Downbound		
Grand Total	40	40	—	—	—	—	40	40	—	—	—	—
										Total trips:	—	80
NORTHPORT HARBOR, NY (15 feet and less)												
				Inbound						Outbound		
Grand Total	3	1	—	1	—	1	1	1	—	—	—	—
										Total trips:	—	4
OROWOC CREEK, NY No Vessel Trips Reported												
PATCHOGUE RIVER, NY (6 feet and less)												
				Inbound						Outbound		
Grand Total	1,581	1,581	—	—	—	—	1,581	1,581	—	—	—	—
										Total trips:	—	3,162
PECONIC RIVER, NY No Vessel Trips Reported												
PEEKSKILL HARBOR, NY No Vessel Trips Reported												
PORT CHESTER HARBOR, NY (15 feet and less)												
				Upbound						Downbound		
Grand Total	165	—	110	52	—	3	167	—	111	53	—	3
										Total trips:	—	332
PORT HENRY HARBOR, NY No Vessel Trips Reported												
RAHWAY RIVER, NJ No Vessel Trips Reported												
RONDOUT HARBOR, NY (17 feet and less)												
				Inbound						Outbound		
Grand Total	307	296	—	2	1	8	311	300	—	1	1	9
										Total trips:	1	618
ROUSES POINT, NY No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SAG HARBOR, NY (12 feet and less)												
				Inbound						Outbound		
Grand Total	45,743	45,726	---	15	2	---	45,743	45,726	---	15	2	---
										Total trips:		91,486
SANDY HOOK BAY AT LEONARDO, NJ No Vessel Trips Reported												
SANDY HOOK BAY, NJ (25 feet and less)												
				Upbound						Downbound		
Grand Total	3,485	3,482	---	3	---	---	3,488	3,484	---	3	---	1
										Total trips:		6,973
SANDY HOOK CHANNEL, NY No Vessel Trips Reported												
SAUGERTIES HARBOR, NY No Vessel Trips Reported												
SHARK RIVER, NJ No Vessel Trips Reported												
SHEEPSHEAD BAY, NY (8 feet and less)												
				Upbound						Downbound		
Grand Total	2	---	---	2	---	---	2	---	---	2	---	---
										Total trips:		4
SHINNECOCK INLET, NY No Vessel Trips Reported												
SHOAL HARBOR AND COMPTON CREEK, NJ (12 feet and less)												
				Upbound						Downbound		
Grand Total	27	---	---	27	---	---	27	---	---	27	---	---
										Total trips:		54
SHREWSBURY RIVER, NJ (10 feet and less)												
				Upbound						Downbound		
Grand Total	1,163	1,146	---	17	---	---	1,163	1,146	---	17	---	---
										Total trips:		2,326
TARRYTOWN HARBOR, NY (13 feet and less)												
				Inbound						Outbound		
Grand Total	361	80	---	137	127	17	357	80	---	134	127	16
										Total trips:		718
WALLABOUT CHANNEL, NY (12 feet and less)												
				Upbound						Downbound		
Grand Total	1	---	---	1	---	---	1	---	---	1	---	---
										Total trips:		2
WAYCAKE CREEK, NJ No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
WESTCHESTER CREEK, NY (14 feet and less)												
				Upbound						Downbound		
Grand Total	119	---	---	40	---	79	119	---	---	40	---	79
										Total trips:		238
GOWANUS CANAL, NY (13 feet and less)												
				Upbound						Downbound		
Grand Total	581	---	---	290	124	167	578	---	---	285	124	169
										Total trips:		1,159
GRAVESEND BAY, NY (30 feet and less)												
				Upbound						Downbound		
Grand Total	276	---	33	118	2	123	293	1	33	127	2	130
										Total trips:		569
LONG ISLAND SOUND AT CITY ISLAND, NY (9 feet and less)												
				Upbound						Downbound		
Grand Total	5	---	---	1	1	3	5	---	---	1	1	3
										Total trips:		10
OYSTER BAY, NY* (19 feet and less)												
				Upbound						Downbound		
Grand Total	137	---	7	23	1	106	126	---	8	24	1	93
										Total trips:		263
*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.												
SANDY HOOK BAY, NJ (39 feet and less)												
				Upbound						Downbound		
Grand Total	1,131	1,100	---	28	---	3	1,132	1,100	---	29	---	3
										Total trips:		2,263

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
DELAWARE RIVER BETWEEN PHILADELPHIA, PA, AND TRENTON, NJ*												
	Upbound						Downbound					
Grand Total	4,724	383	117	2,611	161	1,452	4,651	362	114	2,611	113	1,451
FOREIGN												
Total	265	173	91	—	—	1	249	162	87	—	—	—
42	1	—	1	—	—	—	—	—	—	—	—	—
40	6	—	6	—	—	—	—	—	—	—	—	—
39	17	—	17	—	—	—	1	—	1	—	—	—
38	25	21	4	—	—	—	—	—	—	—	—	—
37	8	4	4	—	—	—	—	—	—	—	—	—
36	10	6	4	—	—	—	—	—	—	—	—	—
35	19	18	1	—	—	—	3	1	2	—	—	—
34	6	6	—	—	—	—	3	2	1	—	—	—
33	11	5	6	—	—	—	9	—	9	—	—	—
32	25	18	7	—	—	—	14	6	8	—	—	—
31	9	5	4	—	—	—	7	4	3	—	—	—
30	7	5	2	—	—	—	15	7	8	—	—	—
29	11	6	5	—	—	—	10	6	4	—	—	—
28	11	3	8	—	—	—	22	16	6	—	—	—
27	12	10	2	—	—	—	23	13	10	—	—	—
26	17	12	5	—	—	—	21	10	11	—	—	—
25	11	8	3	—	—	—	13	5	8	—	—	—
24	8	6	2	—	—	—	18	11	7	—	—	—
23	10	8	2	—	—	—	8	7	1	—	—	—
22	9	6	3	—	—	—	11	8	3	—	—	—
21	9	8	1	—	—	—	17	14	3	—	—	—
20	6	6	—	—	—	—	16	15	1	—	—	—
19	3	3	—	—	—	—	11	11	—	—	—	—
18	5	2	2	—	—	1	15	14	1	—	—	—
17	3	2	1	—	—	—	5	5	—	—	—	—
16	4	4	—	—	—	—	6	6	—	—	—	—
15	—	—	—	—	—	—	1	1	—	—	—	—
12	2	1	1	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	4,459	210	26	2,611	161	1,451	4,402	200	27	2,611	113	1,451
36	1	—	—	—	—	1	—	—	—	—	—	—
33	—	—	—	—	—	—	1	1	—	—	—	—
32	—	—	—	—	—	—	2	—	2	—	—	—
31	2	—	2	—	—	—	2	—	2	—	—	—
30	—	—	—	—	—	—	4	3	1	—	—	—
29	1	—	1	—	—	—	2	2	—	—	—	—
28	3	—	3	—	—	—	10	9	—	—	—	1
27	6	3	—	—	—	3	14	12	1	—	—	1
26	26	21	2	—	—	3	5	2	3	—	—	—
25	11	5	4	—	—	2	1	—	—	—	—	1
24	6	2	3	—	—	1	2	—	1	—	—	1
23	7	—	6	—	—	1	6	1	4	—	—	1
22	1	—	—	—	—	1	1	—	1	—	—	—
21	2	—	—	—	—	2	3	—	3	—	—	—
20	5	—	3	—	—	2	5	—	4	—	—	1
19	—	—	—	—	—	—	2	—	1	—	—	1
18	67	19	—	—	—	48	15	14	1	—	—	—
17	57	20	—	—	31	6	25	16	—	—	—	9
16	282	—	—	167	92	23	171	—	—	171	—	—
15	144	—	1	96	22	25	112	—	3	89	1	19
14	313	—	—	151	—	162	165	—	—	136	—	29
13	437	—	—	436	—	1	432	—	—	407	—	25
12	3,088	140	1	1,761	16	1,170	3,422	140	—	1,808	112	1,362
										Total trips:		9,375

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA)*
Upbound

Grand Total	Upbound				Downbound							
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Total	Pass & Dry Cargo	Tanker	Tow or Tug				
Grand Total	24,652	5,984	1,083	11,298	1,525	4,762	24,654	5,987	1,085	11,299	1,525	4,758
FOREIGN												
Total	2,541	1,748	777	—	15	1	2,547	1,751	779	1	15	1
46	150	15	135	—	—	—	3	1	2	—	—	—
45	52	14	38	—	—	—	—	—	—	—	—	—
44	3	1	2	—	—	—	—	—	—	—	—	—
43	10	3	7	—	—	—	1	—	1	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

DELAWARE RIVER, PHILADELPHIA, PA (TO THE SEA) - continued

Upbound

Downbound

FOREIGN

42	17	1	16	—	—	—	—	—	—	—	—	—
41	3	—	3	—	—	—	—	—	—	—	—	—
40	93	21	72	—	—	—	4	—	4	—	—	—
39	65	7	58	—	—	—	2	—	2	—	—	—
38	72	38	33	—	1	—	5	2	3	—	—	—
37	72	14	58	—	—	—	25	2	23	—	—	—
36	115	44	60	—	11	—	21	12	9	—	—	—
35	67	41	25	—	1	—	18	10	8	—	—	—
34	59	37	22	—	—	—	18	14	4	—	—	—
33	73	35	38	—	—	—	30	14	16	—	—	—
32	97	65	32	—	—	—	49	21	27	—	—	1
31	69	52	17	—	—	—	46	33	13	—	—	—
30	74	57	17	—	—	—	135	61	73	—	1	—
29	123	102	21	—	—	—	91	59	32	—	—	—
28	122	100	22	—	—	—	269	120	149	—	—	—
27	166	154	12	—	—	—	300	170	130	—	—	—
26	153	131	21	—	1	—	251	116	134	—	1	—
25	147	135	12	—	—	—	135	95	40	—	—	—
24	132	121	11	—	—	—	194	173	21	—	—	—
23	129	119	10	—	—	—	112	96	16	—	—	—
22	70	62	8	—	—	—	106	90	15	1	—	—
21	96	90	6	—	—	—	118	105	13	—	—	—
20	75	70	5	—	—	—	93	81	12	—	—	—
19	36	36	—	—	—	—	91	86	5	—	—	—
18	201	183	16	—	1	1	430	390	27	—	13	—

DOMESTIC

Total	22,111	4,236	306	11,298	1,510	4,761	22,107	4,236	306	11,298	1,510	4,757
40	82	—	1	—	—	81	—	—	—	—	—	—
39	65	—	1	—	—	64	—	—	—	—	—	—
38	1	—	1	—	—	—	—	—	—	—	—	—
37	107	—	107	—	—	—	5	—	5	—	—	—
36	85	—	84	—	—	1	4	—	3	—	—	1
35	73	—	1	—	—	72	6	—	3	—	—	3
34	2	—	2	—	—	—	4	—	3	—	—	1
33	3	—	2	—	—	1	3	1	2	—	—	—
32	8	—	2	5	—	1	55	—	4	5	—	46
31	7	—	5	—	—	2	10	—	6	—	—	4
30	4	—	3	—	—	1	12	3	3	—	—	6
29	5	—	4	—	—	1	22	2	2	—	—	18
28	14	—	10	—	—	4	45	9	8	—	—	28
27	29	3	8	1	8	9	81	3	4	1	—	73
26	37	8	5	—	4	20	53	2	4	—	—	47
25	53	18	10	—	2	23	98	9	3	—	—	86
24	17	2	9	—	2	4	83	—	6	—	—	77
23	26	—	6	—	2	18	83	1	6	—	3	73
22	41	—	11	—	—	30	97	—	11	—	50	36
21	23	—	3	—	3	17	226	—	9	112	74	31
20	84	—	10	58	—	16	153	—	19	49	25	60
19	12	—	2	—	1	9	37	—	5	1	5	26
18	21,333	4,205	19	11,234	1,488	4,387	21,030	4,206	200	11,130	1,353	4,141
										Total trips:		49,306

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

DELAWARE RIVER AT CAMDEN, NJ*

Inbound

Outbound

Grand Total	4,065	264	50	2,573	109	1,069	4,063	271	49	2,569	109	1,065
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FOREIGN

Total	315	264	50	—	—	1	320	271	49	—	—	—
42	1	—	1	—	—	—	—	—	—	—	—	—
40	8	2	6	—	—	—	—	—	—	—	—	—
39	17	—	17	—	—	—	1	—	1	—	—	—
38	4	—	4	—	—	—	—	—	—	—	—	—
37	4	—	4	—	—	—	—	—	—	—	—	—
36	6	2	4	—	—	—	1	—	1	—	—	—
35	7	6	1	—	—	—	3	1	2	—	—	—
34	7	7	—	—	—	—	4	3	1	—	—	—
33	7	4	3	—	—	—	12	2	10	—	—	—
32	3	3	—	—	—	—	5	2	3	—	—	—
31	4	3	1	—	—	—	3	2	1	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
DELAWARE RIVER AT CAMDEN, NJ - continued												
	Inbound						Outbound					
FOREIGN												
30	6	5	1	—	—	—	12	8	4	—	—	—
29	21	20	1	—	—	—	7	6	1	—	—	—
28	22	19	3	—	—	—	9	5	4	—	—	—
27	30	30	—	—	—	—	14	8	6	—	—	—
26	18	17	1	—	—	—	23	17	6	—	—	—
25	37	35	2	—	—	—	22	18	4	—	—	—
24	28	27	1	—	—	—	23	19	4	—	—	—
23	17	17	—	—	—	—	17	16	1	—	—	—
22	6	6	—	—	—	—	14	14	—	—	—	—
21	13	13	—	—	—	—	18	18	—	—	—	—
20	9	9	—	—	—	—	13	13	—	—	—	—
19	4	4	—	—	—	—	20	20	—	—	—	—
18	36	35	—	—	—	1	99	99	—	—	—	—
DOMESTIC												
Total	3,750	—	—	2,573	109	1,068	3,743	—	—	2,569	109	1,065
36	1	—	—	—	—	1	—	—	—	—	—	—
28	—	—	—	—	—	—	1	—	—	—	—	1
27	3	—	—	—	—	3	—	—	—	—	—	—
26	7	—	—	—	—	7	2	—	—	—	—	2
25	6	—	—	—	—	6	1	—	—	—	—	1
24	3	—	—	—	—	3	1	—	—	—	—	1
23	1	—	—	—	—	1	2	—	—	—	—	2
22	4	—	—	—	—	4	1	—	—	—	—	1
21	3	—	—	—	—	3	—	—	—	—	—	—
20	60	—	—	58	—	2	49	—	—	49	—	—
19	1	—	—	—	—	1	5	—	—	1	2	2
18	3,661	—	—	2,515	109	1,037	3,681	—	—	2,519	107	1,055
										Total trips:		8,128

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

DELAWARE RIVER, TRENTON, NJ TO THE SEA (CONSOLIDATED REPORT)*

Grand Total	Upbound						Downbound					
	23,111	4,189	1,069	11,463	1,525	4,865	25,211	5,987	1,085	11,464	1,525	5,150
FOREIGN												
Total	2,541	1,748	777	—	15	1	2,547	1,751	779	1	15	1
46	150	15	135	—	—	—	3	1	2	—	—	—
45	52	14	38	—	—	—	—	—	—	—	—	—
44	3	1	2	—	—	—	—	—	—	—	—	—
43	10	3	7	—	—	—	1	—	1	—	—	—
42	17	1	16	—	—	—	—	—	—	—	—	—
41	3	—	3	—	—	—	—	—	—	—	—	—
40	93	21	72	—	—	—	4	—	4	—	—	—
39	65	7	58	—	—	—	2	—	2	—	—	—
38	72	38	33	—	1	—	5	2	3	—	—	—
37	72	14	58	—	—	—	25	2	23	—	—	—
36	115	44	60	—	11	—	21	12	9	—	—	—
35	67	41	25	—	1	—	18	10	8	—	—	—
34	59	37	22	—	—	—	18	14	4	—	—	—
33	73	35	38	—	—	—	30	14	16	—	—	—
32	97	65	32	—	—	—	49	21	27	—	—	1
31	69	52	17	—	—	—	46	33	13	—	—	—
30	74	57	17	—	—	—	135	61	73	—	1	—
29	123	102	21	—	—	—	91	59	32	—	—	—
28	122	100	22	—	—	—	269	120	149	—	—	—
27	166	154	12	—	—	—	300	170	130	—	—	—
26	153	131	21	—	1	—	251	116	134	—	1	—
25	147	135	12	—	—	—	135	95	40	—	—	—
24	132	121	11	—	—	—	194	173	21	—	—	—
23	129	119	10	—	—	—	112	96	16	—	—	—
22	70	62	8	—	—	—	106	90	15	1	—	—
21	96	90	6	—	—	—	118	105	13	—	—	—
20	75	70	5	—	—	—	93	81	12	—	—	—
19	36	36	—	—	—	—	91	86	5	—	—	—
18	201	183	16	—	1	1	430	390	27	—	13	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

DELAWARE RIVER, TRENTON, NJ TO THE SEA (CONSOLIDATED REPORT) - continued

Upbound

Downbound

DOMESTIC

Total	20,570	2,441	292	11,463	1,510	4,864	22,664	4,236	306	11,463	1,510	5,149
40	82	—	1	—	—	81	—	—	—	—	—	—
39	65	—	1	—	—	64	—	—	—	—	—	—
38	1	—	1	—	—	—	—	—	—	—	—	—
37	107	—	107	—	—	—	5	—	5	—	—	—
36	71	—	70	—	—	1	4	—	3	—	—	1
35	73	—	1	—	—	72	6	—	3	—	—	3
34	19	—	2	—	—	17	4	—	3	—	—	1
33	3	—	2	—	—	1	3	1	2	—	—	—
32	8	—	2	5	—	1	9	—	4	5	—	—
31	7	—	5	—	—	2	10	—	6	—	—	4
30	4	—	3	—	—	1	12	3	3	—	—	6
29	5	—	4	—	—	1	22	2	2	—	—	18
28	7	—	3	—	—	4	45	9	8	—	—	28
27	28	3	7	1	8	9	81	3	4	1	—	73
26	38	8	6	—	4	20	53	2	4	—	—	47
25	53	18	10	—	2	23	98	9	3	—	—	86
24	64	2	9	—	2	51	83	—	6	—	—	77
23	26	—	6	—	2	18	83	1	6	—	3	73
22	40	—	10	—	—	30	97	—	11	—	50	36
21	23	—	3	—	3	17	114	—	9	—	74	31
20	84	—	10	58	—	16	153	—	19	49	25	60
19	12	—	2	—	1	9	37	—	5	1	5	26
18	19,750	2,410	27	11,399	1,488	4,426	21,745	4,206	200	11,407	1,353	4,579
										Total trips:		48,322

*As of 2001, tugboats assisting in the navigation of larger vessels are no longer collected.

SCHUYLKILL RIVER, PA

Upbound

Downbound

Grand Total	3,825	1	22	2,707	2	1,093	3,828	—	23	2,707	1	1,097
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FOREIGN

Total	20	—	20	—	—	—	23	—	21	1	—	1
34	2	—	2	—	—	—	—	—	—	—	—	—
32	2	—	2	—	—	—	1	—	—	—	—	1
31	1	—	1	—	—	—	1	—	1	—	—	—
30	2	—	2	—	—	—	2	—	2	—	—	—
29	3	—	3	—	—	—	2	—	2	—	—	—
28	2	—	2	—	—	—	1	—	1	—	—	—
27	—	—	—	—	—	—	2	—	2	—	—	—
26	3	—	3	—	—	—	1	—	1	—	—	—
25	2	—	2	—	—	—	3	—	3	—	—	—
24	—	—	—	—	—	—	1	—	1	—	—	—
23	1	—	1	—	—	—	—	—	—	—	—	—
22	1	—	1	—	—	—	5	—	4	1	—	—
21	1	—	1	—	—	—	—	—	—	—	—	—
19	—	—	—	—	—	—	1	—	1	—	—	—
18	—	—	—	—	—	—	2	—	2	—	—	—
17	—	—	—	—	—	—	1	—	1	—	—	—

DOMESTIC

Total	3,805	1	2	2,707	2	1,093	3,805	—	2	2,706	1	1,096
36	—	—	—	—	—	—	1	—	1	—	—	—
29	—	—	—	—	—	—	1	—	—	—	—	1
28	1	—	1	—	—	—	5	—	—	—	—	5
27	—	—	—	—	—	—	56	—	—	—	—	56
26	1	—	—	—	—	1	6	—	—	—	—	6
25	1	—	—	—	—	1	38	—	—	—	—	38
24	—	—	—	—	—	—	18	—	—	—	—	18
23	1	—	—	—	—	1	8	—	—	—	—	8
22	1	—	—	—	—	1	4	—	—	—	—	4
21	—	—	—	—	—	—	2	—	—	—	—	2
20	2	—	—	—	—	2	7	—	—	—	—	7
19	1	—	—	—	—	1	6	—	—	—	—	6
18	5	—	—	—	—	5	5	—	—	1	—	4
17	8	—	—	—	—	8	15	—	—	—	—	15
16	411	—	—	366	—	45	432	—	—	373	—	59
15	64	—	1	30	—	33	144	—	1	30	—	113
14	309	—	—	192	—	117	307	—	—	184	—	123

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

SCHUYLKILL RIVER, PA - continued

Upbound							Downbound					
DOMESTIC												
13	969	—	—	968	—	1	974	—	—	953	—	21
12	2,031	1	—	1,151	2	877	1,776	—	—	1,165	1	610
Total trips:											1	7,653

PHILADELPHIA HARBOR, PA

Inbound							Outbound					
Grand Total	10,332	1,223	366	6,628	25	2,090	10,351	1,207	393	6,637	18	2,096

FOREIGN

Total	1,001	758	236	—	7	—	1,010	742	263	1	3	1
46	106	8	98	—	—	—	3	1	2	—	—	—
45	4	2	2	—	—	—	—	—	—	—	—	—
42	1	—	1	—	—	—	—	—	—	—	—	—
40	10	3	7	—	—	—	—	—	—	—	—	—
39	6	5	1	—	—	—	1	—	1	—	—	—
38	16	14	1	—	1	—	3	2	1	—	—	—
37	10	7	3	—	—	—	16	1	15	—	—	—
36	39	20	14	—	5	—	11	4	7	—	—	—
35	17	14	3	—	—	—	6	5	1	—	—	—
34	18	14	4	—	—	—	9	8	1	—	—	—
33	20	14	6	—	—	—	12	9	3	—	—	—
32	41	29	12	—	—	—	24	10	13	—	—	1
31	36	30	6	—	—	—	23	16	7	—	—	—
30	43	36	7	—	—	—	63	38	24	—	1	—
29	50	39	11	—	—	—	38	29	9	—	—	—
28	38	29	9	—	—	—	64	44	20	—	—	—
27	55	51	4	—	—	—	83	52	31	—	—	—
26	76	61	14	—	1	—	104	36	68	—	—	—
25	58	52	6	—	—	—	49	32	17	—	—	—
24	63	58	5	—	—	—	103	95	8	—	—	—
23	77	73	4	—	—	—	41	36	5	—	—	—
22	45	41	4	—	—	—	49	38	10	1	—	—
21	48	45	3	—	—	—	51	47	4	—	—	—
20	31	29	2	—	—	—	39	35	4	—	—	—
19	19	19	—	—	—	—	41	39	2	—	—	—
18	74	65	9	—	—	—	177	165	10	—	2	—

DOMESTIC

Total	9,331	465	130	6,628	18	2,090	9,341	465	130	6,636	15	2,095
40	30	—	—	—	—	30	—	—	—	—	—	—
39	27	—	—	—	—	27	—	—	—	—	—	—
37	39	—	39	—	—	—	—	—	—	—	—	—
36	36	—	36	—	—	—	2	—	1	—	—	1
35	17	—	1	—	—	16	—	—	—	—	—	—
33	1	—	1	—	—	—	1	1	—	—	—	—
32	5	—	1	4	—	—	6	—	2	4	—	—
31	6	—	6	—	—	—	2	—	2	—	—	—
30	—	—	—	—	—	—	4	3	1	—	—	—
29	1	—	1	—	—	—	5	2	2	—	—	1
28	7	—	7	—	—	—	17	9	2	—	—	6
27	8	3	2	1	—	2	77	12	2	1	—	62
26	27	21	3	—	—	3	14	2	5	—	—	7
25	12	5	6	—	—	1	40	—	1	—	—	39
24	14	2	4	—	—	—	8	—	4	—	—	18
23	7	—	6	—	—	—	1	14	5	—	—	8
22	3	—	2	—	—	1	11	—	7	—	—	4
21	3	—	1	—	2	—	5	—	3	—	—	2
20	11	—	9	—	—	2	19	—	11	—	—	8
19	1	—	—	—	—	1	7	—	1	—	—	6
18	9,076	434	5	6,623	16	1,998	9,095	435	81	6,631	15	1,933
Total trips:											15	20,683

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

TRENTON HARBOR, NJ

			Inbound						Outbound			
Grand Total	517	---	---	277	151	89	508	---	---	281	146	81

DOMESTIC

Total	517	---	---	277	151	89	508	---	---	281	146	81
17	31	---	---	---	31	---	---	---	---	---	---	---
16	122	---	---	29	92	1	30	---	---	30	---	---
15	57	---	---	20	22	15	19	---	---	19	---	---
14	83	---	---	12	---	71	12	---	---	12	---	---
12	19	---	---	18	---	1	19	---	---	19	---	---
11	62	---	---	61	1	---	62	---	---	62	---	---
10	48	---	---	46	1	1	42	---	---	42	---	---
9	26	---	---	26	---	---	33	---	---	33	---	---
8	8	---	---	8	---	---	9	---	---	9	---	---
7	20	---	---	20	---	---	21	---	---	20	1	---
6	41	---	---	37	4	---	261	---	---	35	145	81
										Total trips:		1,025

WILMINGTON HARBOR, DE

			Inbound						Outbound			
Grand Total	1,615	368	51	630	22	544	1,612	367	51	638	28	528

FOREIGN

Total	420	368	51	---	1	---	423	367	51	---	5	---
42	4	---	4	---	---	---	---	---	---	---	---	---
38	2	2	---	---	---	---	1	---	1	---	---	---
37	4	2	2	---	---	---	1	1	---	---	---	---
36	8	7	---	---	1	---	8	8	---	---	---	---
35	3	1	2	---	---	---	2	2	---	---	---	---
34	7	5	2	---	---	---	1	1	---	---	---	---
33	14	6	8	---	---	---	1	1	---	---	---	---
32	9	7	2	---	---	---	5	1	4	---	---	---
31	27	3	24	---	---	---	1	1	---	---	---	---
30	10	10	---	---	---	---	11	3	8	---	---	---
29	30	28	2	---	---	---	12	9	3	---	---	---
28	35	35	---	---	---	---	45	41	4	---	---	---
27	62	61	1	---	---	---	72	60	12	---	---	---
26	44	43	1	---	---	---	39	34	5	---	---	---
25	40	40	---	---	---	---	26	25	1	---	---	---
24	34	34	---	---	---	---	47	44	3	---	---	---
23	16	13	3	---	---	---	30	27	3	---	---	---
22	10	10	---	---	---	---	25	24	1	---	---	---
21	16	16	---	---	---	---	6	6	---	---	---	---
20	4	4	---	---	---	---	15	13	2	---	---	---
19	10	10	---	---	---	---	21	21	---	---	---	---
18	31	31	---	---	---	---	54	45	4	---	5	---

DOMESTIC

Total	1,195	---	---	630	21	544	1,189	---	---	638	23	528
26	1	---	---	---	---	1	---	---	---	---	---	---
22	1	---	---	---	---	1	---	---	---	---	---	---
18	1,193	---	---	630	21	542	1,189	---	---	638	23	528
										Total trips:		3,227

INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DE AND MD - CHESAPEAKE AND DELAWARE CANAL

			Upbound						Downbound			
Grand Total	5,257	391	10	2,328	1,674	854	5,267	392	19	2,328	1,674	854

FOREIGN

Total	314	314	---	---	---	---	314	314	---	---	---	---
32	7	7	---	---	---	---	33	33	---	---	---	---
31	10	10	---	---	---	---	30	30	---	---	---	---
30	5	5	---	---	---	---	23	23	---	---	---	---
29	10	10	---	---	---	---	11	11	---	---	---	---
28	14	14	---	---	---	---	20	20	---	---	---	---
27	26	26	---	---	---	---	36	36	---	---	---	---

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DE AND MD - CHESAPEAKE AND DELAWARE CANAL - continued

	Upbound						Downbound					
FOREIGN												
26	25	25	—	—	—	—	44	44	—	—	—	—
25	44	44	—	—	—	—	20	20	—	—	—	—
24	30	30	—	—	—	—	26	26	—	—	—	—
23	23	23	—	—	—	—	18	18	—	—	—	—
22	14	14	—	—	—	—	8	8	—	—	—	—
21	17	17	—	—	—	—	7	7	—	—	—	—
20	13	13	—	—	—	—	2	2	—	—	—	—
19	4	4	—	—	—	—	7	7	—	—	—	—
18	7	7	—	—	—	—	6	6	—	—	—	—
17	4	4	—	—	—	—	3	3	—	—	—	—
16	5	5	—	—	—	—	—	—	—	—	—	—
15	4	4	—	—	—	—	3	3	—	—	—	—
14	4	4	—	—	—	—	—	—	—	—	—	—
12	48	48	—	—	—	—	17	17	—	—	—	—
DOMESTIC												
Total	4,943	77	10	2,328	1,674	854	4,953	78	19	2,328	1,674	854
32	2	—	—	2	—	—	4	—	2	1	—	1
30	1	—	1	—	—	—	1	—	—	—	—	1
29	—	—	—	—	—	—	2	—	1	—	—	1
28	2	—	2	—	—	—	5	—	2	—	—	3
27	2	—	—	—	—	2	22	—	1	—	8	13
26	2	—	—	—	—	2	21	—	2	—	4	15
25	3	—	—	—	—	3	23	—	2	—	2	19
24	60	—	—	—	45	15	15	—	2	—	2	11
23	13	—	—	—	3	10	14	—	—	—	2	12
22	63	—	5	—	50	8	20	—	5	—	—	15
21	89	—	1	—	75	13	13	—	—	—	1	12
20	30	—	—	—	25	5	12	—	—	—	—	12
19	7	—	—	—	3	4	12	—	—	—	3	9
18	21	—	—	4	7	10	34	—	—	8	7	19
17	103	—	—	50	37	16	88	—	1	49	4	34
16	206	—	—	49	138	19	284	—	—	52	133	99
15	182	—	—	121	42	19	199	—	1	125	15	58
14	159	—	—	113	9	37	217	—	—	113	4	100
13	202	—	1	197	4	—	250	—	—	203	—	47
12	3,796	77	—	1,792	1,236	691	3,717	78	—	1,777	1,489	373
										Total trips:		10,524

ABSECON CREEK, NJ
No Vessel Trips Reported

ABSECON INLET, NJ
(23 feet and less)

	Upbound						Downbound					
Grand Total	3	2	—	1	—	—	5	4	—	1	—	—
										Total trips:		8

ALLOWAY CREEK, NJ
No Vessel Trips Reported

APPOQUINIMINK RIVER, DE
No Vessel Trips Reported

BARNEGAT INLET, NJ
No Vessel Trips Reported

BIG TIMBER CREEK, NJ
No Vessel Trips Reported

BROADKILL RIVER, DE
No Vessel Trips Reported

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CAPE MAY CANAL, NJ (12 feet and less)												
			Upbound						Downbound			
Grand Total	3,667	3,663	---	4	---	---	3,667	3,663	---	4	---	---
										Total trips:		7,334
COHANSEY RIVER, NJ No Vessel Trips Reported												
COLD SPRING INLET, NJ No Vessel Trips Reported												
COOPER RIVER, NJ No Vessel Trips Reported												
HARBOR OF REFUGE, DELAWARE BAY, DE (12 feet and less)												
			Inbound						Outbound			
Grand Total	3,663	3,663	---	---	---	---	3,663	3,663	---	---	---	---
										Total trips:		7,326
HOPE CREEK, NJ No Vessel Trips Reported												
INDIAN RIVER INLET AND BAY, DE No Vessel Trips Reported												
INLAND WATERWAY BETWEEN REHOBOTH BAY AND DELAWARE BAY, DE No Vessel Trips Reported												
LEIPSIC RIVER, DE No Vessel Trips Reported												
LITTLE EGG HARBOR, NJ No Vessel Trips Reported												
LITTLE RIVER, DE No Vessel Trips Reported												
MANASQUAN RIVER, NJ (8 feet and less)												
			Upbound						Downbound			
Grand Total	---	---	---	---	---	---	1	---	---	1	---	---
										Total trips:		1
MANTUA CREEK, NJ (13 feet and less)												
			Upbound						Downbound			
Grand Total	19	---	---	11	---	8	15	---	---	12	---	3
										Total trips:		34
MAURICE RIVER, NJ (13 feet and less)												
			Upbound						Downbound			
Grand Total	1	---	---	1	---	---	1	---	---	1	---	---
										Total trips:		2

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
MISPILLION RIVER, DE (8 feet and less)												
				Upbound						Downbound		
Grand Total	1	—	—	1	—	—	1	—	—	1	—	—
											Total trips:	2
MURDERKILL RIVER, DE No Vessel Trips Reported												
NEW JERSEY INTRACOASTAL WATERWAY (12 feet and less)												
				Upbound						Downbound		
Grand Total	3,824	3,820	—	4	—	—	3,824	3,820	—	4	—	—
											Total trips:	7,648
OLDMANS CREEK, NJ No Vessel Trips Reported												
PEPPER CREEK, DE No Vessel Trips Reported												
SALEM RIVER, NJ (17 feet and less)												
				Upbound						Downbound		
Grand Total	59	55	—	2	2	—	62	57	—	2	3	—
											Total trips:	121
SMYRNA RIVER, DE No Vessel Trips Reported												
ST. JONES RIVER, DE No Vessel Trips Reported												
TOMS RIVER, NJ (4 feet and less)												
				Upbound						Downbound		
Grand Total	169	169	—	—	—	—	169	169	—	—	—	—
											Total trips:	338
TUCKERTON CREEK, NJ No Vessel Trips Reported												
WATERWAY FROM INDIAN RIVER INLET TO REHOBOTH BAY, DE No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

BALTIMORE HARBOR AND CHANNELS, MD

	Upbound						Downbound					
Grand Total	12,921	2,860	210	6,363	1,913	1,575	12,924	2,874	204	6,361	1,912	1,573

FOREIGN

Total	1,895	1,701	190	2	—	2	1,900	1,715	185	—	—	—
45	46	46	—	—	—	—	33	33	—	—	—	—
44	8	8	—	—	—	—	2	2	—	—	—	—
43	1	1	—	—	—	—	1	1	—	—	—	—
42	1	1	—	—	—	—	5	5	—	—	—	—
41	3	2	1	—	—	—	3	3	—	—	—	—
40	13	9	4	—	—	—	11	11	—	—	—	—
39	19	15	4	—	—	—	6	6	—	—	—	—
38	33	27	6	—	—	—	10	10	—	—	—	—
37	24	20	4	—	—	—	8	8	—	—	—	—
36	44	32	12	—	—	—	11	11	—	—	—	—
35	51	42	9	—	—	—	24	23	1	—	—	—
34	91	69	22	—	—	—	38	37	1	—	—	—
33	91	77	14	—	—	—	49	46	3	—	—	—
32	170	154	16	—	—	—	121	118	3	—	—	—
31	162	155	7	—	—	—	109	106	3	—	—	—
30	136	123	13	—	—	—	141	132	9	—	—	—
29	100	90	10	—	—	—	93	87	6	—	—	—
28	147	133	14	—	—	—	190	164	26	—	—	—
27	113	96	17	—	—	—	175	154	21	—	—	—
26	140	137	3	—	—	—	175	156	19	—	—	—
25	131	117	14	—	—	—	129	98	31	—	—	—
24	117	110	6	—	—	1	138	128	10	—	—	—
23	72	67	4	—	—	1	88	82	6	—	—	—
22	41	37	4	—	—	—	49	44	5	—	—	—
21	35	34	1	—	—	—	81	62	19	—	—	—
20	20	17	3	—	—	—	60	53	7	—	—	—
19	33	31	1	1	—	—	25	24	1	—	—	—
18	53	51	1	1	—	—	125	111	14	—	—	—

DOMESTIC

Total	11,026	1,159	20	6,361	1,913	1,573	11,024	1,159	19	6,361	1,912	1,573
32	4	—	—	4	—	—	3	—	—	3	—	—
31	2	—	2	—	—	—	—	—	—	—	—	—
30	2	—	—	—	—	2	—	—	—	—	—	—
29	6	—	1	—	—	5	86	—	—	—	—	86
28	7	—	1	—	—	6	3	—	2	—	—	1
27	23	—	2	—	9	12	2	—	—	—	1	1
26	17	—	3	—	5	9	5	—	3	—	—	2
25	17	—	—	—	6	11	1	—	—	—	—	1
24	17	—	2	—	3	12	58	—	1	—	41	16
23	21	—	1	—	7	13	19	—	4	—	6	9
22	229	—	6	—	207	16	41	—	7	—	27	7
21	306	—	—	4	292	10	78	—	1	5	64	8
20	36	—	—	—	25	11	28	—	—	—	25	3
19	20	—	—	—	7	13	12	—	—	—	7	5
18	10,319	1,159	2	6,353	1,352	1,453	10,688	1,159	1	6,353	1,741	1,434
										Total trips:		25,845

SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD

	Upbound						Downbound					
Grand Total	2,294	—	—	1,093	1,201	—	2,297	—	—	1,096	1,201	—

DOMESTIC

Total	2,294	—	—	1,093	1,201	—	2,297	—	—	1,096	1,201	—
13	49	—	—	49	—	—	48	—	—	48	—	—
12	—	—	—	—	—	—	1	—	—	—	1	—
11	16	—	—	16	—	—	85	—	—	16	69	—
10	336	—	—	336	—	—	626	—	—	331	295	—
9	104	—	—	104	—	—	379	—	—	117	262	—
8	150	—	—	150	—	—	482	—	—	208	274	—
7	431	—	—	431	—	—	470	—	—	367	103	—
6	44	—	—	5	39	—	163	—	—	6	157	—
5	140	—	—	2	138	—	24	—	—	3	21	—
4	83	—	—	—	83	—	16	—	—	—	16	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD - continued												
	Upbound						Downbound					
DOMESTIC												
3	223	—	—	—	223	—	2	—	—	—	2	—
2	712	—	—	—	712	—	1	—	—	—	1	—
1	6	—	—	—	6	—	—	—	—	—	—	—
	Total trips:											4,591
TRED AVON RIVER, MD												
	Upbound						Downbound					
Grand Total	4,846	4,598	—	121	127	—	4,841	4,598	—	121	122	—
DOMESTIC												
Total	4,846	4,598	—	121	127	—	4,841	4,598	—	121	122	—
13	2	—	—	2	—	—	2	—	—	2	—	—
11	7	—	—	—	7	—	—	—	—	—	—	—
10	47	—	—	39	8	—	42	—	—	42	—	—
9	54	—	—	16	38	—	13	—	—	13	—	—
8	89	—	—	20	69	—	14	—	—	14	—	—
7	46	—	—	43	3	—	50	—	—	50	—	—
6	4,601	4,598	—	1	2	—	4,720	4,598	—	—	122	—
	Total trips:											9,687
CHOPTANK RIVER, MD												
	Upbound						Downbound					
Grand Total	287	—	—	128	159	—	282	—	—	128	154	—
DOMESTIC												
Total	287	—	—	128	159	—	282	—	—	128	154	—
13	2	—	—	2	—	—	2	—	—	2	—	—
11	7	—	—	—	7	—	—	—	—	—	—	—
10	47	—	—	39	8	—	42	—	—	42	—	—
9	61	—	—	16	45	—	13	—	—	13	—	—
8	96	—	—	20	76	—	14	—	—	14	—	—
7	60	—	—	50	10	—	57	—	—	57	—	—
6	14	—	—	1	13	—	154	—	—	—	154	—
	Total trips:											569
NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DE AND MD												
	Upbound						Downbound					
Grand Total	964	43	—	445	400	76	954	43	—	442	396	73
DOMESTIC												
Total	964	43	—	445	400	76	954	43	—	442	396	73
15	13	—	—	—	—	13	—	—	—	—	—	—
12	15	—	—	—	—	15	33	—	—	—	33	—
11	10	—	—	1	4	5	15	—	—	1	14	—
10	117	—	—	24	58	35	76	—	—	26	49	1
9	159	—	—	54	105	—	94	—	—	49	45	—
8	91	—	—	57	29	5	129	—	—	56	47	26
7	279	—	—	277	2	—	289	—	—	279	10	—
6	280	43	—	32	202	3	318	43	—	31	198	46
	Total trips:											1,918
WICOMICO RIVER, MD (EASTERN SHORE)												
	Upbound						Downbound					
Grand Total	1,171	—	—	662	292	217	1,171	—	—	662	292	217
DOMESTIC												
Total	1,171	—	—	662	292	217	1,171	—	—	662	292	217
15	4	—	—	4	—	—	3	—	—	3	—	—
14	60	—	—	—	—	60	—	—	—	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

WICOMICO RIVER, MD (EASTERN SHORE) - continued

Upbound							Downbound					
DOMESTIC												
13	25	—	—	2	—	23	3	—	—	2	—	1
12	57	—	—	11	1	45	11	—	—	10	—	1
11	51	—	—	8	40	3	30	—	—	30	—	—
10	454	—	—	207	167	80	203	—	—	203	—	—
9	189	—	—	148	41	—	149	—	—	149	—	—
8	68	—	—	50	17	1	36	—	—	33	—	3
7	152	—	—	134	18	—	130	—	—	124	1	5
6	111	—	—	98	8	5	606	—	—	108	291	207
Total trips:											2,342	

POCOMOKE RIVER, MD

Upbound							Downbound					
Grand Total	1,069	—	—	177	888	4	1,064	—	—	179	885	—
DOMESTIC												
Total	1,069	—	—	177	888	4	1,064	—	—	179	885	—
13	3	—	—	3	—	—	3	—	—	3	—	—
11	2	—	—	—	2	—	—	—	—	—	—	—
10	8	—	—	2	6	—	2	—	—	2	—	—
9	20	—	—	—	20	—	—	—	—	—	—	—
8	179	—	—	135	44	—	869	—	—	126	743	—
7	41	—	—	37	4	—	67	—	—	48	19	—
6	816	—	—	—	812	4	123	—	—	—	123	—
Total trips:											2,133	

WASHINGTON HARBOR, DC

Inbound							Outbound					
Grand Total	2,959	2,132	—	324	463	40	2,955	2,132	—	320	463	40
DOMESTIC												
Total	2,959	2,132	—	324	463	40	2,955	2,132	—	320	463	40
14	4	—	—	—	—	4	—	—	—	—	—	—
13	2	—	—	—	—	2	2	—	—	2	—	—
12	2,953	2,132	—	324	463	34	2,953	2,132	—	318	463	40
Total trips:											5,914	

ANACOSTIA RIVER, DC

Upbound							Downbound					
Grand Total	826	—	—	324	462	40	823	—	—	320	463	40
DOMESTIC												
Total	826	—	—	324	462	40	823	—	—	320	463	40
14	4	—	—	—	—	4	—	—	—	—	—	—
13	2	—	—	—	—	2	2	—	—	2	—	—
12	820	—	—	324	462	34	821	—	—	318	463	40
Total trips:											1,649	

POTOMAC RIVER BELOW WASHINGTON, DC

Upbound							Downbound					
Grand Total	5,960	3,529	18	1,092	1,092	229	5,962	3,527	22	1,092	1,092	229
FOREIGN												
Total	33	16	17	—	—	—	36	14	22	—	—	—
36	2	—	2	—	—	—	—	—	—	—	—	—
35	6	—	6	—	—	—	1	—	1	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

POTOMAC RIVER BELOW WASHINGTON, DC - continued
Upbound

Downbound

FOREIGN

34	3	—	3	—	—	—	1	—	1	—	—	—
33	1	—	1	—	—	—	—	—	—	—	—	—
30	1	1	—	—	—	—	3	—	3	—	—	—
29	1	—	1	—	—	—	—	—	—	—	—	—
28	1	1	—	—	—	—	4	1	3	—	—	—
27	—	—	—	—	—	—	—	—	2	—	—	—
26	2	—	2	—	—	—	5	—	5	—	—	—
25	1	1	—	—	—	—	1	1	—	—	—	—
24	2	1	1	—	—	—	3	—	3	—	—	—
23	1	—	1	—	—	—	1	—	1	—	—	—
22	1	1	—	—	—	—	1	1	—	—	—	—
21	2	2	—	—	—	—	3	1	2	—	—	—
20	2	2	—	—	—	—	2	2	—	—	—	—
19	2	2	—	—	—	—	2	2	—	—	—	—
18	5	5	—	—	—	—	7	6	1	—	—	—

DOMESTIC

Total	5,927	3,513	1	1,092	1,092	229	5,926	3,513	—	1,092	1,092	229
29	1	—	—	—	—	1	—	—	—	—	—	—
27	1	—	—	—	—	1	—	—	—	—	—	1
26	9	—	—	—	—	9	7	—	—	—	—	7
25	6	—	—	—	—	6	8	—	—	—	—	8
24	10	—	1	—	—	9	2	—	—	—	—	2
23	3	—	—	—	—	3	3	—	—	—	—	3
22	1	—	—	—	—	1	3	—	—	—	—	3
21	—	—	—	—	—	—	3	—	—	—	—	3
20	3	—	—	—	—	3	2	—	—	—	—	2
19	2	—	—	—	—	2	—	—	—	—	—	—
18	5,891	3,513	—	1,092	1,092	194	5,897	3,513	—	1,092	1,092	200
										Total trips:		11,922

OCOQUAN CREEK, VA

Upbound

Downbound

Grand Total	896	—	—	374	522	—	901	—	—	375	526	—
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DOMESTIC

Total	896	—	—	374	522	—	901	—	—	375	526	—
10	13	—	—	4	9	—	4	—	—	4	—	—
9	68	—	—	28	40	—	1	—	—	1	—	—
8	337	—	—	260	77	—	194	—	—	194	—	—
7	157	—	—	82	75	—	176	—	—	176	—	—
6	256	—	—	—	256	—	—	—	—	—	—	—
5	65	—	—	—	65	—	—	—	—	—	—	—
4	—	—	—	—	—	—	2	—	—	—	2	—
3	—	—	—	—	—	—	190	—	—	—	190	—
2	—	—	—	—	—	—	334	—	—	—	334	—
										Total trips:		1,797

ANNAPOLIS HARBOR, MD
(8 feet and less)

Inbound

Outbound

Grand Total	1,669	1,669	—	—	—	—	1,672	1,669	—	2	1	—
										Total trips:		3,341

AQUIA CREEK, VA
No Vessel Trips Reported

BACK CREEK, ANNE ARUNDEL COUNTY, MD
No Vessel Trips Reported

BETTERTON HARBOR, MD
No Vessel Trips Reported

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels			Self Propelled Vessels				Non-Self Propelled Vessels		
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker		Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	
BLACK WALNUT HARBOR, MD														
No Vessel Trips Reported														
BONUM CREEK, VA														
No Vessel Trips Reported														
BRANSONS COVE, VA														
No Vessel Trips Reported														
BRETON BAY, MD														
(13 feet and less)														
				Upbound							Downbound			
Grand Total	142	---	---	64	78	---	143	---	---	65	78	---	---	
										Total trips:		285		
BROAD CREEK RIVER, DE														
No Vessel Trips Reported														
BROAD CREEK, SOMERSET COUNTY, MD														
No Vessel Trips Reported														
BROADWATER CREEK, MD														
No Vessel Trips Reported														
CADLE CREEK, MD														
No Vessel Trips Reported														
CAMBRIDGE HARBOR, MD														
No Vessel Trips Reported														
CHANNEL TO ISLAND CREEK, ST. GEORGE ISLAND, MD														
No Vessel Trips Reported														
CHESTER RIVER, MD														
(9 feet and less)														
				Upbound							Downbound			
Grand Total	26	---	---	1	25	---	25	---	---	4	21	---	---	
										Total trips:		51		
CLAIBORNE HARBOR, MD														
No Vessel Trips Reported														
COAN RIVER, VA														
No Vessel Trips Reported														
CORSICA RIVER, MD														
No Vessel Trips Reported														
CRISFIELD HARBOR, MD														
(13 feet and less)														
				Inbound							Outbound			
Grand Total	789	697	---	8	32	52	1,086	1,008	---	7	18	53	---	
										Total trips:		1,875		
CUCKOLD CREEK, MD														
No Vessel Trips Reported														

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
DUCK POINT COVE, MD No Vessel Trips Reported												
ELK AND LITTLE ELK RIVERS, MD (3 feet and less)												
				Upbound							Downbound	
Grand Total	66	66	---	---	---	---	66	66	---	---	---	---
										Total trips:		132
FISHING BAY TRIBUTARIES, DORCHESTER COUNTY, MD No Vessel Trips Reported												
FISHING CREEK, CALVERT COUNTY, MD (4 feet and less)												
				Upbound							Downbound	
Grand Total	7	---	---	2	5	---	6	---	---	3	3	---
										Total trips:		13
GOOSE CREEK, SOMMERSET COUNTY, MD No Vessel Trips Reported												
HERRING BAY AND ROCKHOLD CREEK, MD No Vessel Trips Reported												
HERRING CREEK, MD No Vessel Trips Reported												
HONGA RIVER AND TAR BAY, MD No Vessel Trips Reported												
ISLAND CREEK, MD No Vessel Trips Reported												
KNAPPS NARROWS, MD No Vessel Trips Reported												
LITTLE CREEK, QUEEN ANNES COUNTY, MD No Vessel Trips Reported												
LITTLE WICOMICO RIVER, VA (3 feet and less)												
				Upbound							Downbound	
Grand Total	9,696	9,696	---	---	---	---	9,696	9,696	---	---	---	---
										Total trips:		19,392
LOWER MACHODOC CREEK, VA (7 feet and less)												
				Upbound							Downbound	
Grand Total	2	---	---	1	1	---	2	---	---	1	1	---
										Total trips:		4
LOWER THOROUGHFARE AT OR NEAR WENONA, DEAL ISLAND, MD No Vessel Trips Reported												
LOWES WHARF, TALBOT COUNTY, MD No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
MANOKIN RIVER, MD (2 feet and less)												
				Upbound							Downbound	
Grand Total	7	7	—	—	—	—	7	7	—	—	—	—
										Total trips:		14
MIDDLE RIVER AND DARK HEAD CREEK, MD (5 feet and less)												
				Upbound							Downbound	
Grand Total	2	—	—	1	1	—	2	—	—	1	1	—
										Total trips:		4
MILL CREEK, MD (4 feet and less)												
				Upbound							Downbound	
Grand Total	18	—	—	—	18	—	19	—	—	1	18	—
										Total trips:		37
MONROE BAY AND CREEK, VA No Vessel Trips Reported												
MUDDY HOOK AND TYLER COVES, MD No Vessel Trips Reported												
NAN COVE, MD No Vessel Trips Reported												
NANTICOKE RIVER AT BIVALVE, MD No Vessel Trips Reported												
NANTICOKE RIVER AT NANTICOKE, MD No Vessel Trips Reported												
NEALE SOUND, MD No Vessel Trips Reported												
NOMINI BAY AND CREEK, VA No Vessel Trips Reported												
NORTHEAST RIVER, MD (1 feet and less)												
				Upbound							Downbound	
Grand Total	2	—	—	1	1	—	2	—	—	1	1	—
										Total trips:		4
OCEAN CITY HARBOR AND INLET AND SINEPUXENT BAY, MD (9 feet and less)												
				Inbound							Outbound	
Grand Total	7	—	—	4	3	—	6	—	—	3	3	—
										Total trips:		13
PARISH CREEK, MD No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PATUXENT RIVER, MD (12 feet and less)												
				Upbound							Downbound	
Grand Total	58	---	---	31	9	18	51	---	---	29	6	16
										Total trips:		109
POTOMAC RIVER AT ALEXANDRIA, VA (20 feet and less)												
				Inbound							Outbound	
Grand Total	3,372	3,353	---	16	3	---	3,368	3,351	---	15	2	---
										Total trips:		6,740
POTOMAC RIVER AT LOWER CEDAR POINT, MD No Vessel Trips Reported												
POTOMAC RIVER AT MT. VERNON, VA (7 feet and less)												
				Inbound							Outbound	
Grand Total	330	330	---	---	---	---	332	332	---	---	---	---
										Total trips:		662
POTOMAC RIVER, VIRGINIA CHANNEL, DC (7 feet and less)												
				Upbound							Downbound	
Grand Total	1,257	1,257	---	---	---	---	1,257	1,257	---	---	---	---
										Total trips:		2,514
POTOMAC RIVER, WASHINGTON CHANNEL, DC (8 feet and less)												
				Upbound							Downbound	
Grand Total	875	875	---	---	---	---	875	875	---	---	---	---
										Total trips:		1,750
QUEENSTOWN HARBOR, MD No Vessel Trips Reported												
RHODES POINT TO TYLERTON, SOMERSET COUNTY, MD No Vessel Trips Reported												
ROCK HALL HARBOR, MD No Vessel Trips Reported												
SLAUGHTER CREEK, MD No Vessel Trips Reported												
SMITH CREEK, MD No Vessel Trips Reported												
ST. CATHERINES SOUND, MD No Vessel Trips Reported												
ST. JEROME CREEK, MD No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ST. MICHAELS HARBOR, MD (1 feet and less)												
			Inbound						Outbound			
Grand Total	11	11	---	---	---	---	11	11	---	---	---	---
										Total trips:		22
ST. PATRICKS CREEK, MD No Vessel Trips Reported												
ST. PETERS CREEK, MD No Vessel Trips Reported												
TILGHMAN ISLAND HARBOR, MD No Vessel Trips Reported												
TOWN CREEK, MD No Vessel Trips Reported												
TWITCH COVE AND BIG THOROUGHFARE RIVER, MD (7 feet and less)												
			Upbound						Downbound			
Grand Total	263	214	---	---	---	49	262	213	---	---	---	49
										Total trips:		525
TYASKIN CREEK, MD No Vessel Trips Reported												
UPPER MACHODOC CREEK, VA No Vessel Trips Reported												
UPPER THOROUGHFARE, DEAL ISLAND, MD No Vessel Trips Reported												
WARWICK RIVER, MD No Vessel Trips Reported												
WATERWAY FROM LITTLE CHOPTANK RIVER TO CHOPTANK RIVER, MD No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels		
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	
NORFOLK HARBOR, VA													
			Upbound						Downbound				
Grand Total	13,825	3,136	347	6,699	2,850	793	13,829	3,145	342	6,700	2,851	791	
FOREIGN													
Total	2,060	1,962	94	3	—	1	2,069	1,975	89	4	—	1	
50	—	—	—	—	—	—	19	19	—	—	—	—	
49	—	—	—	—	—	—	3	3	—	—	—	—	
48	—	—	—	—	—	—	9	9	—	—	—	—	
47	—	—	—	—	—	—	18	18	—	—	—	—	
46	—	—	—	—	—	—	15	15	—	—	—	—	
45	1	—	1	—	—	—	17	17	—	—	—	—	
44	1	—	1	—	—	—	7	6	1	—	—	—	
43	1	—	1	—	—	—	7	7	—	—	—	—	
42	48	48	—	—	—	—	22	22	—	—	—	—	
41	7	1	6	—	—	—	7	6	1	—	—	—	
40	4	2	2	—	—	—	13	13	—	—	—	—	
39	7	3	4	—	—	—	17	17	—	—	—	—	
38	13	9	4	—	—	—	19	19	—	—	—	—	
37	33	26	7	—	—	—	34	33	1	—	—	—	
36	60	57	3	—	—	—	63	63	—	—	—	—	
35	71	64	7	—	—	—	92	89	3	—	—	—	
34	122	119	3	—	—	—	116	111	5	—	—	—	
33	126	123	3	—	—	—	136	135	1	—	—	—	
32	393	384	9	—	—	—	378	373	5	—	—	—	
31	168	166	2	—	—	—	170	165	5	—	—	—	
30	170	166	4	—	—	—	157	153	4	—	—	—	
29	237	233	4	—	—	—	220	217	3	—	—	—	
28	135	132	2	—	—	1	130	122	8	—	—	—	
27	93	90	3	—	—	—	91	85	6	—	—	—	
26	84	81	3	—	—	—	72	63	8	—	—	1	
25	38	35	3	—	—	—	11	1	10	—	—	—	
24	47	41	6	—	—	—	31	27	4	—	—	—	
23	31	30	1	—	—	—	29	27	2	—	—	—	
22	29	24	5	—	—	—	25	18	7	—	—	—	
21	26	24	2	—	—	—	34	30	4	—	—	—	
20	18	16	2	—	—	—	25	19	6	—	—	—	
19	18	15	3	—	—	—	9	8	1	—	—	—	
18	79	73	3	3	—	—	73	65	4	4	—	—	
DOMESTIC													
Total	11,765	1,174	253	6,696	2,850	792	11,760	1,170	253	6,696	2,851	790	
36	2	—	1	—	—	1	—	—	—	—	—	—	
35	—	—	—	—	—	—	3	—	—	—	—	3	
34	1	—	—	—	—	1	21	21	—	—	—	—	
32	2	—	2	—	—	—	1	—	1	—	—	—	
30	1	—	1	—	—	—	—	—	—	—	—	—	
29	1	—	—	—	—	1	29	—	—	—	—	29	
28	1	1	—	—	—	—	1	1	—	—	—	—	
27	3	—	1	—	1	1	1	—	—	—	—	1	
26	10	—	2	—	5	3	1	—	—	—	—	1	
25	4	—	—	—	1	3	2	—	1	—	—	1	
24	5	—	—	—	1	4	2	—	—	—	—	2	
23	21	16	—	—	4	1	2	—	—	—	—	2	
22	10	—	—	—	6	4	37	—	—	—	36	1	
21	17	—	—	4	9	4	17	—	—	3	12	2	
20	2	—	—	—	1	1	18	—	2	—	12	4	
19	14	5	—	—	5	4	40	—	—	—	39	1	
18	11,671	1,152	246	6,692	2,817	764	11,585	1,148	249	6,693	2,752	743	
										Total trips:		27,654	
HAMPTON ROADS, VA													
			Inbound						Outbound				
Grand Total	16,231	3,597	371	7,610	3,757	896	16,220	3,583	371	7,612	3,758	896	
FOREIGN													
Total	2,494	2,371	117	4	1	1	2,494	2,368	117	6	2	1	
50	—	—	—	—	—	—	20	20	—	—	—	—	
49	—	—	—	—	—	—	4	4	—	—	—	—	
48	—	—	—	—	—	—	10	10	—	—	—	—	
47	52	52	—	—	—	—	23	23	—	—	—	—	
46	—	—	—	—	—	—	18	18	—	—	—	—	

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

HAMPTON ROADS, VA - continued

	Inbound						Outbound					
FOREIGN												
45	1	—	1	—	—	—	25	25	—	—	—	—
44	2	—	2	—	—	—	10	9	1	—	—	—
43	2	—	2	—	—	—	14	14	—	—	—	—
42	1	—	1	—	—	—	32	32	—	—	—	—
41	10	1	9	—	—	—	17	16	1	—	—	—
40	6	2	4	—	—	—	27	20	7	—	—	—
39	9	4	5	—	—	—	20	20	—	—	—	—
38	17	13	4	—	—	—	23	23	—	—	—	—
37	37	30	7	—	—	—	40	39	1	—	—	—
36	66	62	4	—	—	—	22	22	—	—	—	—
35	79	72	7	—	—	—	100	96	4	—	—	—
34	138	135	3	—	—	—	129	124	5	—	—	—
33	153	148	5	—	—	—	160	159	1	—	—	—
32	423	419	4	—	—	—	400	395	5	—	—	—
31	189	185	4	—	—	—	190	185	5	—	—	—
30	189	183	6	—	—	—	171	167	4	—	—	—
29	259	253	6	—	—	—	238	233	5	—	—	—
28	163	158	4	—	—	1	153	143	10	—	—	—
27	127	124	3	—	—	—	117	109	8	—	—	—
26	108	104	4	—	—	—	99	88	10	—	—	1
25	67	59	6	1	—	1	78	64	12	1	—	—
24	74	66	8	—	—	—	55	45	10	—	—	—
23	63	60	3	—	—	—	57	53	4	—	—	—
22	53	48	5	—	—	—	43	35	8	—	—	—
21	47	45	2	—	—	—	43	39	4	—	—	—
20	28	26	2	—	—	—	37	29	6	1	—	1
19	24	21	3	—	—	—	14	13	1	—	—	—
18	107	101	3	3	—	—	105	96	5	4	—	—

DOMESTIC

Total	13,737	1,226	254	7,606	3,756	895	13,726	1,215	254	7,606	3,756	895
36	2	—	1	—	—	1	—	—	—	—	—	—
35	—	—	—	—	—	—	3	—	—	—	—	3
34	1	—	—	—	—	1	66	66	—	—	—	—
32	2	—	2	—	—	—	1	—	1	—	—	—
30	1	—	1	—	—	—	2,403	—	—	2,403	—	—
29	1	—	—	—	—	1	44	—	44	—	—	—
28	1	1	—	—	—	—	98	1	—	—	—	97
27	3	—	1	—	1	1	—	—	—	—	—	1
26	10	—	2	—	5	3	1	—	—	—	—	1
25	5	—	—	—	1	4	3	—	1	—	1	1
24	7	—	—	—	1	6	2	—	—	—	—	2
23	42	34	—	—	4	4	2	—	—	—	—	2
22	11	—	—	—	6	5	229	—	—	—	228	1
21	17	—	—	4	9	4	327	—	—	3	322	2
20	4	—	—	—	2	2	45	—	2	—	39	4
19	40	31	—	—	5	4	48	—	—	—	47	1
18	13,590	1,160	247	7,602	3,722	859	10,453	1,148	206	5,200	3,119	780
										Total trips:		32,451

CHANNEL TO NEWPORT NEWS, VA

	Upbound						Downbound					
Grand Total	10,618	579	64	6,104	3,604	267	10,600	564	53	6,105	3,605	273

FOREIGN

Total	554	517	35	1	1	—	531	502	25	2	2	—
50	—	—	—	—	—	—	1	1	—	—	—	—
49	—	—	—	—	—	—	1	1	—	—	—	—
48	—	—	—	—	—	—	1	1	—	—	—	—
47	—	—	—	—	—	—	5	5	—	—	—	—
46	—	—	—	—	—	—	3	3	—	—	—	—
45	—	—	—	—	—	—	8	8	—	—	—	—
44	1	—	1	—	—	—	3	3	—	—	—	—
43	1	—	1	—	—	—	7	7	—	—	—	—
42	1	—	1	—	—	—	10	10	—	—	—	—
41	3	—	3	—	—	—	10	10	—	—	—	—
40	2	—	2	—	—	—	7	7	—	—	—	—
39	2	1	1	—	—	—	3	3	—	—	—	—
38	4	4	—	—	—	—	4	4	—	—	—	—
37	4	4	—	—	—	—	6	6	—	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

CHANNEL TO NEWPORT NEWS, VA - continued
Upbound

Downbound

FOREIGN

36	6	5	1	—	—	—	10	10	—	—	—	—
35	8	8	—	—	—	—	8	7	1	—	—	—
34	16	16	—	—	—	—	13	13	—	—	—	—
33	27	25	2	—	—	—	24	24	—	—	—	—
32	37	35	2	—	—	—	22	22	—	—	—	—
31	21	19	2	—	—	—	20	20	—	—	—	—
30	19	17	2	—	—	—	14	14	—	—	—	—
29	22	20	2	—	—	—	18	16	2	—	—	—
28	28	26	2	—	—	—	24	22	2	—	—	—
27	34	34	—	—	—	—	26	24	2	—	—	—
26	24	23	1	—	—	—	27	25	2	—	—	—
25	29	24	3	1	1	—	20	16	2	1	1	—
24	28	25	3	—	—	—	29	23	6	—	—	—
23	32	30	2	—	—	—	30	28	2	—	—	—
22	28	25	3	—	—	—	28	27	1	—	—	—
21	61	61	—	—	—	—	38	38	—	—	—	—
20	43	42	1	—	—	—	41	38	1	1	1	—
19	16	16	—	—	—	—	20	20	—	—	—	—
18	57	57	—	—	—	—	50	46	4	—	—	—

DOMESTIC

Total	10,064	62	29	6,103	3,603	267	10,069	62	28	6,103	3,603	273
34	—	—	—	—	—	—	45	45	—	—	—	—
26	2	—	—	—	—	2	17	17	—	—	—	—
25	2	—	—	—	—	2	1	—	—	—	1	—
24	2	—	—	—	—	2	—	—	—	—	2	—
23	4	1	—	—	—	3	—	—	—	—	—	—
22	1	—	—	—	—	1	202	—	—	—	202	—
21	27	—	—	—	27	—	310	—	—	—	310	—
20	2	—	—	—	1	1	24	—	—	—	24	—
19	26	26	—	—	—	—	8	—	—	—	8	—
18	9,998	35	29	6,103	3,575	256	9,460	—	28	6,103	3,056	273
										Total trips:		21,218

PORT OF NEWPORT NEWS, VA

Inbound

Outbound

Grand Total	4,079	453	39	2,866	585	136	4,078	446	29	2,867	593	143
--------------------	--------------	------------	-----------	--------------	------------	------------	--------------	------------	-----------	--------------	------------	------------

FOREIGN

Total	419	405	12	1	1	—	404	397	3	2	2	—
50	—	—	—	—	—	—	1	1	—	—	—	—
49	—	—	—	—	—	—	1	1	—	—	—	—
48	—	—	—	—	—	—	1	1	—	—	—	—
47	—	—	—	—	—	—	5	5	—	—	—	—
46	—	—	—	—	—	—	3	3	—	—	—	—
45	—	—	—	—	—	—	8	8	—	—	—	—
44	1	—	1	—	—	—	3	3	—	—	—	—
43	1	—	1	—	—	—	7	7	—	—	—	—
42	1	—	1	—	—	—	10	10	—	—	—	—
41	3	—	3	—	—	—	10	10	—	—	—	—
40	2	—	2	—	—	—	7	7	—	—	—	—
39	2	1	1	—	—	—	3	3	—	—	—	—
38	4	4	—	—	—	—	4	4	—	—	—	—
37	4	4	—	—	—	—	6	6	—	—	—	—
36	6	5	1	—	—	—	10	10	—	—	—	—
35	8	8	—	—	—	—	8	7	1	—	—	—
34	16	16	—	—	—	—	13	13	—	—	—	—
33	26	25	1	—	—	—	24	24	—	—	—	—
32	35	35	—	—	—	—	22	22	—	—	—	—
31	19	19	—	—	—	—	20	20	—	—	—	—
30	17	17	—	—	—	—	14	14	—	—	—	—
29	20	20	—	—	—	—	16	16	—	—	—	—
28	26	26	—	—	—	—	22	21	1	—	—	—
27	34	34	—	—	—	—	24	24	—	—	—	—
26	23	23	—	—	—	—	25	25	—	—	—	—
25	27	24	1	1	1	—	18	16	—	1	1	—
24	25	25	—	—	—	—	18	18	—	—	—	—
23	30	30	—	—	—	—	26	26	—	—	—	—
22	24	24	—	—	—	—	18	17	1	—	—	—
21	21	21	—	—	—	—	9	9	—	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PORT OF NEWPORT NEWS, VA - continued
Inbound

Outbound

FOREIGN

20	10	10	—	—	—	—	12	10	—	1	1	—
19	6	6	—	—	—	—	5	5	—	—	—	—
18	28	28	—	—	—	—	31	31	—	—	—	—

DOMESTIC

Total	3,660	48	27	2,865	584	136	3,674	49	26	2,865	591	143
34	—	—	—	—	—	—	45	45	—	—	—	—
26	2	—	—	—	—	2	—	—	—	—	—	—
25	2	—	—	—	—	2	1	—	—	—	1	—
24	2	—	—	—	—	2	—	—	—	—	—	—
23	21	18	—	—	—	3	—	—	—	—	—	—
22	1	—	—	—	—	1	228	—	—	—	228	—
21	40	—	—	40	—	—	310	—	—	—	310	—
20	2	—	—	—	1	1	27	—	—	—	27	—
19	26	26	—	—	—	—	8	—	—	—	8	—
18	3,564	4	27	2,825	583	125	3,055	4	26	2,865	17	143
										Total trips:		8,157

PORT OF RICHMOND, VA

Inbound

Outbound

Grand Total	3,668	530	3	1,591	1,463	81	3,711	491	3	1,642	1,492	83
--------------------	--------------	------------	----------	--------------	--------------	-----------	--------------	------------	----------	--------------	--------------	-----------

FOREIGN

Total	95	94	1	—	—	—	93	92	1	—	—	—
24	—	—	—	—	—	—	4	4	—	—	—	—
23	—	—	—	—	—	—	1	1	—	—	—	—
22	2	1	1	—	—	—	3	3	—	—	—	—
21	36	36	—	—	—	—	28	28	—	—	—	—
20	32	32	—	—	—	—	28	28	—	—	—	—
19	5	5	—	—	—	—	14	14	—	—	—	—
18	5	5	—	—	—	—	5	5	—	—	—	—
17	3	3	—	—	—	—	4	4	—	—	—	—
16	2	2	—	—	—	—	1	1	—	—	—	—
15	4	4	—	—	—	—	3	2	1	—	—	—
14	1	1	—	—	—	—	1	1	—	—	—	—
12	5	5	—	—	—	—	1	1	—	—	—	—

DOMESTIC

Total	3,573	436	2	1,591	1,463	81	3,618	399	2	1,642	1,492	83
18	1	—	—	—	—	1	—	—	—	—	—	—
17	3	—	—	—	—	3	—	—	—	—	—	—
16	4	—	—	—	—	4	—	—	—	—	—	—
15	6	—	—	—	—	6	1	—	—	—	—	1
14	8	—	—	6	—	2	7	—	—	6	—	1
13	14	—	—	8	—	6	40	—	—	6	—	34
12	3,537	436	2	1,577	1,463	59	3,570	399	2	1,630	1,492	47
										Total trips:		7,379

PORT OF HOPEWELL, VA

Inbound

Outbound

Grand Total	359	18	4	210	42	85	350	14	3	202	57	74
--------------------	------------	-----------	----------	------------	-----------	-----------	------------	-----------	----------	------------	-----------	-----------

FOREIGN

Total	22	18	4	—	—	—	17	14	3	—	—	—
28	—	—	—	—	—	—	1	1	—	—	—	—
24	1	—	1	—	—	—	2	2	—	—	—	—
23	—	—	—	—	—	—	1	1	—	—	—	—
22	2	—	2	—	—	—	7	7	—	—	—	—
21	4	4	—	—	—	—	1	1	—	—	—	—
20	1	—	1	—	—	—	1	—	1	—	—	—
19	5	5	—	—	—	—	1	1	—	—	—	—
18	—	—	—	—	—	—	1	—	1	—	—	—
17	1	1	—	—	—	—	1	—	1	—	—	—
16	3	3	—	—	—	—	—	—	—	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PORT OF HOPEWELL, VA - continued

Inbound							Outbound					
FOREIGN												
15	2	2	—	—	—	—	1	1	—	—	—	—
13	1	1	—	—	—	—	—	—	—	—	—	—
12	2	2	—	—	—	—	—	—	—	—	—	—
DOMESTIC												
Total	337	—	—	210	42	85	333	—	—	202	57	74
24	—	—	—	—	—	—	2	—	—	—	2	—
17	1	—	—	—	—	1	—	—	—	—	—	—
16	6	—	—	—	—	6	—	—	—	—	—	—
15	8	—	—	—	—	8	1	—	—	—	—	1
14	15	—	—	—	—	15	4	—	—	4	—	—
13	47	—	—	3	—	44	6	—	—	1	5	—
12	260	—	—	207	42	11	320	—	—	197	50	73
										Total trips:		709

JAMES RIVER, VA

Upbound							Downbound					
Grand Total	28,254	16,602	7	5,869	5,605	171	28,226	16,595	6	5,865	5,593	167
FOREIGN												
Total	117	112	5	—	—	—	109	105	4	—	—	—
28	—	—	—	—	—	—	1	1	—	—	—	—
24	1	—	1	—	—	—	5	5	—	—	—	—
23	—	—	—	—	—	—	2	2	—	—	—	—
22	4	1	3	—	—	—	10	10	—	—	—	—
21	40	40	—	—	—	—	29	29	—	—	—	—
20	33	32	1	—	—	—	29	28	1	—	—	—
19	10	10	—	—	—	—	15	15	—	—	—	—
18	5	5	—	—	—	—	6	5	1	—	—	—
17	4	4	—	—	—	—	5	4	1	—	—	—
16	5	5	—	—	—	—	1	1	—	—	—	—
15	6	6	—	—	—	—	4	3	1	—	—	—
14	1	1	—	—	—	—	1	1	—	—	—	—
13	1	1	—	—	—	—	—	—	—	—	—	—
12	7	7	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	28,137	16,490	2	5,869	5,605	171	28,117	16,490	2	5,865	5,593	167
24	—	—	—	—	—	—	2	—	—	—	2	—
18	1	—	—	—	—	1	—	—	—	—	—	—
17	4	—	—	—	—	4	—	—	—	—	—	—
16	10	—	—	—	—	10	114	114	—	—	—	—
15	14	—	—	1	—	13	2	—	—	1	—	1
14	24	—	—	6	—	18	11	—	—	10	—	1
13	63	—	—	12	—	51	99	—	—	59	5	35
12	28,021	16,490	2	5,850	5,605	74	27,889	16,376	2	5,795	5,586	130
										Total trips:		56,480

APPOMATTOX RIVER, VA

Upbound							Downbound					
Grand Total	10,911	—	—	5,433	5,478	—	10,969	—	—	5,468	5,501	—
DOMESTIC												
Total	10,911	—	—	5,433	5,478	—	10,969	—	—	5,468	5,501	—
13	—	—	—	—	—	—	51	—	—	51	—	—
9	1,567	—	—	1,567	—	—	1,519	—	—	1,516	3	—
8	2,350	—	—	2,348	2	—	2,381	—	—	2,373	8	—
7	965	—	—	965	—	—	2,625	—	—	975	1,650	—
6	553	—	—	553	—	—	3,645	—	—	553	3,092	—
5	—	—	—	—	—	—	686	—	—	—	686	—
4	—	—	—	—	—	—	6	—	—	—	6	—
3	1	—	—	—	—	—	5	—	—	—	5	—
2	5,356	—	—	—	5,356	—	50	—	—	—	50	—
1	119	—	—	—	119	—	1	—	—	—	1	—
										Total trips:		21,880

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (NORFOLK DISTRICT) VIA GREAT BRIDGE LOCK ROUTE

	Upbound						Downbound					
Grand Total	1,998	3	1	1,050	852	92	2,038	3	1	1,056	885	93
DOMESTIC												
Total	1,998	3	1	1,050	852	92	2,038	3	1	1,056	885	93
12	14	—	—	2	10	2	20	—	—	4	—	16
11	4	—	—	—	4	—	11	—	—	—	5	6
10	47	—	—	31	6	10	67	—	—	15	1	51
9	183	—	—	175	8	—	224	—	—	178	46	—
8	260	—	—	257	—	3	290	—	—	270	5	15
7	558	—	—	558	—	—	643	—	—	562	81	—
6	932	3	1	27	824	77	783	3	1	27	747	5
										Total trips:		4,036

PAMUNKEY RIVER, VA

	Upbound						Downbound					
Grand Total	1,114	—	—	228	820	66	1,086	—	—	205	820	61
DOMESTIC												
Total	1,114	—	—	228	820	66	1,086	—	—	205	820	61
15	1	—	—	—	—	1	—	—	—	—	—	—
12	8	—	—	5	—	3	5	—	—	5	—	—
11	—	—	—	—	—	—	2	—	—	—	2	—
10	24	—	—	2	6	16	2	—	—	1	—	1
9	27	—	—	27	—	—	16	—	—	16	—	—
8	940	—	—	158	743	39	156	—	—	156	—	—
7	51	—	—	25	19	7	20	—	—	20	—	—
6	63	—	—	11	52	—	885	—	—	7	818	60
										Total trips:		2,200

YORK RIVER, VA

	Upbound						Downbound					
Grand Total	2,736	11	46	1,106	895	678	2,820	13	68	1,131	900	708
FOREIGN												
Total	43	9	34	—	—	—	69	11	56	1	1	—
38	3	1	2	—	—	—	—	—	—	—	—	—
37	1	—	1	—	—	—	—	—	—	—	—	—
36	5	1	4	—	—	—	—	—	—	—	—	—
35	5	1	4	—	—	—	—	—	—	—	—	—
34	5	—	5	—	—	—	—	—	—	—	—	—
33	8	1	7	—	—	—	1	—	1	—	—	—
32	3	—	3	—	—	—	1	1	—	—	—	—
31	2	—	2	—	—	—	1	—	1	—	—	—
30	—	—	—	—	—	—	5	2	3	—	—	—
29	1	1	—	—	—	—	2	—	2	—	—	—
28	3	—	3	—	—	—	39	2	37	—	—	—
27	—	—	—	—	—	—	3	—	3	—	—	—
26	—	—	—	—	—	—	4	—	4	—	—	—
25	3	—	3	—	—	—	1	—	1	—	—	—
24	—	—	—	—	—	—	1	—	1	—	—	—
23	—	—	—	—	—	—	2	1	1	—	—	—
22	1	1	—	—	—	—	2	1	1	—	—	—
20	—	—	—	—	—	—	2	1	1	—	—	—
19	1	1	—	—	—	—	1	1	—	—	—	—
18	2	2	—	—	—	—	4	2	—	1	1	—
DOMESTIC												
Total	2,693	2	12	1,106	895	678	2,751	2	12	1,130	899	708
37	1	—	1	—	—	—	—	—	—	—	—	—
35	4	—	—	—	—	4	—	—	—	—	—	—
30	1	—	1	—	—	—	1	—	1	—	—	—
29	1	—	1	—	—	—	9	—	—	—	—	9
28	1	—	—	—	—	1	1	—	1	—	—	—
27	2	—	—	—	—	2	—	—	—	—	—	—
26	7	—	—	—	—	7	2	—	2	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

YORK RIVER, VA - continued

Upbound							Downbound					
DOMESTIC												
25	8	—	—	—	—	8	3	—	—	—	—	3
24	3	—	—	—	—	3	19	—	—	—	—	19
23	3	—	—	—	—	3	14	—	—	—	—	14
22	—	—	—	—	—	—	1	—	—	—	—	1
21	5	—	3	—	—	2	7	—	2	—	—	5
20	5	—	—	—	—	5	11	—	—	—	—	11
19	2	—	—	—	—	2	10	—	—	—	—	10
18	2,650	2	6	1,106	895	641	2,673	2	6	1,130	899	636
Total trips:											5,556	

RAPPAHANNOCK RIVER, VA

Upbound							Downbound					
Grand Total	930	212	—	349	369	—	1,001	212	—	375	414	—
DOMESTIC												
Total	930	212	—	349	369	—	1,001	212	—	375	414	—
12	—	—	—	—	—	—	5	—	—	—	5	—
11	—	—	—	—	—	—	54	—	—	—	54	—
10	26	—	—	23	3	—	93	—	—	23	70	—
9	33	—	—	29	4	—	70	—	—	30	40	—
8	156	64	—	74	18	—	283	64	—	120	99	—
7	121	—	—	115	6	—	135	—	—	113	22	—
6	594	148	—	108	338	—	361	148	—	89	124	—
Total trips:											1,931	

ABERDEEN CREEK, VA
(5 feet and less)

Upbound							Downbound					
Grand Total	1	1	—	—	—	—	1	1	—	—	—	—
Total trips:											2	

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (NORFOLK DISTRICT) DISMAL SWAMP AND PASQUOTANK RIVER
No Vessel Trips Reported

BEACH CREEK, VA
No Vessel Trips Reported

BROAD CREEK, VA
(6 feet and less)

Upbound							Downbound					
Grand Total	1	—	—	1	—	—	1	—	—	1	—	—
Total trips:											2	

CAPE CHARLES CITY HARBOR, VA
(16 feet and less)

Inbound							Outbound					
Grand Total	1,577	96	—	343	1,138	—	1,566	97	—	338	1,131	—
Total trips:											3,143	

CARTERS CREEK, VA
No Vessel Trips Reported

CHANNEL CONNECTING YORK RIVER, VA, WITH BACK CREEK TO SLAIGHTS WHARF, VA
No Vessel Trips Reported

CHANNEL FROM PHOEBUS, VA (TO DEEP WATER IN HAMPTON ROADS, VA)
No Vessel Trips Reported

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CHESCONESSEX CREEK, VA No Vessel Trips Reported												
CHINCOTEAGUE BAY, MD AND VA (1 feet and less)												
				Upbound						Downbound		
Grand Total	3	---	---	---	3	---	---	---	---	---	---	---
										Total trips:	---	3
CHINCOTEAGUE HARBOR OF REFUGE, VA No Vessel Trips Reported												
CRANES CREEK, VA No Vessel Trips Reported												
DAVIS CREEK, VA (9 feet and less)												
				Upbound						Downbound		
Grand Total	2	---	---	2	---	---	2	---	---	---	2	---
										Total trips:	---	4
DEEP CREEK, ACCOMACK COUNTY, VA (7 feet and less)												
				Inbound						Outbound		
Grand Total	1	---	---	1	---	---	---	---	---	---	---	---
										Total trips:	---	1
DEEP CREEK, NEWPORT NEWS, VA No Vessel Trips Reported												
DELAWARE BAY - CHESAPEAKE BAY WATERWAY - VIRGINIA PORTION (7 feet and less)												
				Upbound						Downbound		
Grand Total	12	---	---	8	4	---	8	---	---	7	1	---
										Total trips:	---	20
DYMERS CREEK, VA No Vessel Trips Reported												
GREENVALE CREEK, VA No Vessel Trips Reported												
HAMPTON CREEK, VA (9 feet and less)												
				Upbound						Downbound		
Grand Total	657	---	1	322	318	16	645	---	1	315	318	11
										Total trips:	---	1,302
HORN HARBOR, VA No Vessel Trips Reported												
HOSKINS CREEK, VA (12 feet and less)												
				Upbound						Downbound		
Grand Total	196	---	---	89	107	---	225	---	---	99	126	---
										Total trips:	---	421

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
JACKSON CREEK, VA (7 feet and less)												
				Upbound						Downbound		
Grand Total	7	—	—	3	4	—	7	—	—	3	4	—
										Total trips:		14
KINGS CREEK, NORTHAMPTON COUNTY, VA No Vessel Trips Reported												
LAFAYETTE RIVER, VA No Vessel Trips Reported												
LITTLE MACHIPONGO RIVER, VA No Vessel Trips Reported												
LITTLE RIVER (CREEK), VA (21 feet and less)												
				Upbound						Downbound		
Grand Total	521	3	22	262	222	12	511	4	16	258	222	11
										Total trips:		1,032
LOCKLIES CREEK, VA No Vessel Trips Reported												
LYNHAVEN ROADS, INLET, AND CONNECTING WATERS, VA (9 feet and less)												
				Upbound						Downbound		
Grand Total	380	280	1	5	94	—	381	280	1	5	95	—
										Total trips:		761
MATTAPONI RIVER, VA No Vessel Trips Reported												
MEHERRIN RIVER, NC No Vessel Trips Reported												
MILFORD HAVEN, VA No Vessel Trips Reported												
MILL CREEK, VA No Vessel Trips Reported												
MULBERRY CREEK, VA No Vessel Trips Reported												
NANDUA CREEK, VA No Vessel Trips Reported												
NANSEMOND RIVER, VA (8 feet and less)												
				Upbound						Downbound		
Grand Total	167	1	—	98	68	—	149	1	—	80	68	—
										Total trips:		316

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
NEWPORT NEWS CREEK, VA (9 feet and less)												
				Upbound						Downbound		
Grand Total	17	—	—	17	—	—	22	—	—	21	—	1
										Total trips:		39
OCCOHANNOCK CREEK, VA No Vessel Trips Reported												
ONANCOCK RIVER, VA (10 feet and less)												
				Upbound						Downbound		
Grand Total	136	43	—	49	44	—	126	43	—	43	40	—
										Total trips:		262
OYSTER CHANNEL, VA No Vessel Trips Reported												
PAGAN RIVER, VA (10 feet and less)												
				Upbound						Downbound		
Grand Total	1	—	—	1	—	—	—	—	—	—	—	—
										Total trips:		1
PARKER CREEK, VA No Vessel Trips Reported												
PARROTTS CREEK, VA No Vessel Trips Reported												
QUEENS CREEK, VA No Vessel Trips Reported												
QUINBY CREEK, VA No Vessel Trips Reported												
STARLINGS CREEK, VA No Vessel Trips Reported												
TANGIER CHANNEL, VA (9 feet and less)												
				Upbound						Downbound		
Grand Total	495	480	14	1	—	—	497	481	15	1	—	—
										Total trips:		992
TOTUSKEY CREEK, VA (8 feet and less)												
				Upbound						Downbound		
Grand Total	26	—	—	13	13	—	21	—	—	11	10	—
										Total trips:		47
TYLERS BEACH, VA No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
URBANNA CREEK, VA (9 feet and less)												
				Upbound						Downbound		
Grand Total	1	—	—	1	—	—	2	—	—	1	1	—
										Total trips:		3
WILLOUGHBY CHANNEL, VA (9 feet and less)												
				Upbound						Downbound		
Grand Total	3	—	—	3	—	—	3	—	—	3	—	—
										Total trips:		6
WINTER HARBOR, VA No Vessel Trips Reported												
WISHART POINT CHANNEL, VA No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PAMLICO AND TAR RIVERS, NC

	Upbound						Downbound					
Grand Total	2,252	1,505	—	354	183	210	2,249	1,501	—	354	184	210

DOMESTIC

Total	2,252	1,505	—	354	183	210	2,249	1,501	—	354	184	210
10	3	—	—	—	2	1	46	—	—	—	45	1
9	261	—	—	125	4	132	370	—	—	177	134	59
8	86	—	—	68	—	18	172	—	—	172	—	—
7	156	141	—	14	1	—	142	141	—	1	—	—
6	1,746	1,364	—	147	176	59	1,519	1,360	—	4	5	150
										Total trips:		4,501

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (WILMINGTON DISTRICT)

	Upbound						Downbound					
Grand Total	4,259	2,460	—	593	925	281	4,262	2,460	—	593	928	281

DOMESTIC

Total	4,259	2,460	—	593	925	281	4,262	2,460	—	593	928	281
12	14	—	—	2	10	2	13	—	—	4	—	9
11	22	—	—	—	4	18	5	—	—	—	5	—
10	21	—	—	—	8	13	53	—	—	2	44	7
9	291	—	—	139	19	133	452	—	—	193	203	56
8	199	—	—	161	2	36	379	110	—	258	2	9
7	116	13	—	77	23	3	98	13	—	85	—	—
6	3,596	2,447	—	214	859	76	3,262	2,337	—	51	674	200
										Total trips:		8,521

MOREHEAD CITY HARBOR, NC

	Inbound						Outbound					
Grand Total	1,193	90	44	397	429	233	1,167	91	44	397	429	206

FOREIGN

Total	135	90	43	1	1	—	136	91	43	1	1	—
41	2	2	—	—	—	—	2	2	—	—	—	—
40	3	3	—	—	—	—	—	—	—	—	—	—
39	3	3	—	—	—	—	4	4	—	—	—	—
38	3	3	—	—	—	—	6	6	—	—	—	—
37	3	2	1	—	—	—	6	6	—	—	—	—
36	5	1	4	—	—	—	6	4	2	—	—	—
35	3	2	1	—	—	—	4	3	1	—	—	—
34	5	2	3	—	—	—	7	6	1	—	—	—
33	1	—	1	—	—	—	—	—	—	—	—	—
32	4	1	3	—	—	—	12	3	9	—	—	—
31	5	5	—	—	—	—	1	—	1	—	—	—
30	7	4	3	—	—	—	6	2	4	—	—	—
29	8	4	4	—	—	—	1	1	—	—	—	—
28	9	5	4	—	—	—	5	2	3	—	—	—
27	3	2	1	—	—	—	2	2	—	—	—	—
26	13	8	5	—	—	—	9	4	5	—	—	—
25	6	5	1	—	—	—	2	2	—	—	—	—
24	8	5	3	—	—	—	2	1	1	—	—	—
23	13	11	2	—	—	—	2	1	1	—	—	—
22	10	7	3	—	—	—	13	8	5	—	—	—
21	1	—	1	—	—	—	5	4	1	—	—	—
20	2	1	1	—	—	—	7	6	1	—	—	—
19	6	5	1	—	—	—	2	2	—	—	—	—
18	12	9	1	1	1	—	32	22	8	1	1	—

DOMESTIC

Total	1,058	—	1	396	428	233	1,031	—	1	396	428	206
35	1	—	1	—	—	—	1	—	1	—	—	—
34	—	—	—	—	—	—	1	—	—	—	1	—
24	—	—	—	—	—	—	1	—	—	1	—	—
21	2	—	—	—	2	—	—	—	—	—	—	—
20	2	—	—	—	2	—	—	—	—	—	—	—
18	1,053	—	—	396	424	233	1,028	—	—	395	427	206
										Total trips:		2,360

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PORT OF WILMINGTON, NC

Grand Total	Inbound						Outbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
	17,282	14,369	204	1,194	1,171	344	17,311	14,393	185	1,196	1,173	364

FOREIGN

Total	488	320	166	—	2	—	475	313	156	2	4	—
38	1	1	—	—	—	—	—	—	—	—	—	—
37	5	1	4	—	—	—	2	2	—	—	—	—
36	6	3	3	—	—	—	13	13	—	—	—	—
35	11	10	1	—	—	—	18	18	—	—	—	—
34	32	28	4	—	—	—	24	23	1	—	—	—
33	36	25	11	—	—	—	19	16	3	—	—	—
32	30	13	17	—	—	—	15	11	4	—	—	—
31	19	10	9	—	—	—	12	11	1	—	—	—
30	33	18	15	—	—	—	17	15	2	—	—	—
29	27	14	13	—	—	—	31	21	10	—	—	—
28	48	16	32	—	—	—	29	13	16	—	—	—
27	39	20	19	—	—	—	40	26	14	—	—	—
26	41	25	16	—	—	—	35	16	19	—	—	—
25	39	31	8	—	—	—	45	31	14	—	—	—
24	20	14	6	—	—	—	23	9	14	—	—	—
23	20	17	3	—	—	—	24	15	9	—	—	—
22	16	13	3	—	—	—	38	13	25	—	—	—
21	9	9	—	—	—	—	15	12	3	—	—	—
20	17	15	2	—	—	—	18	10	7	1	—	—
19	3	3	—	—	—	—	8	5	3	—	—	—
18	36	34	—	—	2	—	49	33	11	1	4	—

DOMESTIC

Total	16,794	14,049	38	1,194	1,169	344	16,836	14,080	29	1,194	1,169	364
38	1	—	1	—	—	—	—	—	—	—	—	—
36	8	—	2	—	—	6	4	—	3	—	—	1
35	6	—	—	—	—	6	—	—	—	—	—	—
34	5	—	4	—	—	1	2	—	2	—	—	—
33	3	—	1	1	—	1	1	—	—	—	—	1
32	22	—	6	12	—	4	19	—	6	11	—	2
31	1	—	—	—	—	1	1	—	1	—	—	—
30	7	—	4	—	—	3	—	—	—	—	—	—
29	5	—	—	—	—	5	5	—	2	—	—	3
28	11	—	3	7	—	1	5	—	1	2	—	2
27	2	—	1	—	—	1	7	—	2	1	—	4
26	4	—	2	—	—	2	4	—	1	—	—	3
25	2	—	2	—	—	—	2	—	1	1	—	—
24	3	—	1	1	—	1	4	—	1	1	—	2
23	4	—	—	1	—	3	—	—	—	—	—	—
22	6	—	—	—	—	6	1	—	—	—	—	1
21	17	—	—	16	—	1	20	—	1	19	—	—
20	16	—	5	2	—	9	7	—	4	2	—	1
19	5	—	—	—	—	5	3	—	—	—	—	3
18	16,666	14,049	6	1,154	1,169	288	16,751	14,080	4	1,157	1,169	341
										Total trips:		34,593

WILMINGTON HARBOR, NC (SEE ALSO PORT OF WILMINGTON, NC FOR PORT DATA)

Grand Total	Upbound						Downbound					
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
	17,942	14,596	246	1,327	1,377	396	17,918	14,587	227	1,329	1,379	396

FOREIGN

Total	563	354	207	—	2	—	548	345	197	2	4	—
38	1	1	—	—	—	—	—	—	—	—	—	—
37	5	1	4	—	—	—	2	2	—	—	—	—
36	6	3	3	—	—	—	13	13	—	—	—	—
35	12	11	1	—	—	—	18	18	—	—	—	—
34	32	28	4	—	—	—	24	23	1	—	—	—
33	37	25	12	—	—	—	19	16	3	—	—	—
32	31	13	18	—	—	—	15	11	4	—	—	—
31	19	10	9	—	—	—	12	11	1	—	—	—
30	33	18	15	—	—	—	17	15	2	—	—	—
29	27	14	13	—	—	—	31	21	10	—	—	—
28	79	27	52	—	—	—	41	19	22	—	—	—
27	45	23	22	—	—	—	44	27	17	—	—	—
26	52	28	24	—	—	—	44	20	24	—	—	—
25	41	31	10	—	—	—	50	31	19	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

WILMINGTON HARBOR, NC (SEE ALSO PORT OF WILMINGTON, NC FOR PORT DATA) - continued

Upbound

Downbound

FOREIGN

24	22	16	6	—	—	—	27	11	16	—	—	—
23	22	19	3	—	—	—	31	19	12	—	—	—
22	19	13	6	—	—	—	43	16	27	—	—	—
21	10	9	1	—	—	—	16	13	3	—	—	—
20	19	16	3	—	—	—	19	10	8	1	—	—
19	4	4	—	—	—	—	11	6	5	—	—	—
18	47	44	1	—	2	—	71	43	23	1	4	—

DOMESTIC

Total	17,379	14,242	39	1,327	1,375	396	17,370	14,242	30	1,327	1,375	396
38	1	—	1	—	—	—	—	—	—	—	—	—
36	8	—	2	—	—	6	4	—	3	—	—	1
35	6	—	—	—	—	6	—	—	—	—	—	—
34	5	—	4	—	—	1	2	—	2	—	—	—
33	3	—	1	1	—	1	1	—	—	—	—	1
32	23	—	6	13	—	4	18	—	6	10	—	2
31	1	—	—	—	—	1	1	—	1	—	—	—
30	7	—	4	—	—	3	—	—	—	—	—	—
29	5	—	—	—	—	5	5	—	2	—	—	3
28	12	—	3	7	—	2	5	—	1	2	—	2
27	2	—	1	—	—	1	7	—	2	1	—	4
26	5	—	3	—	—	2	4	—	1	—	—	3
25	3	—	2	—	—	1	3	—	2	1	—	—
24	3	—	1	1	—	1	4	—	1	1	—	2
23	7	—	—	1	—	6	—	—	—	—	—	—
22	10	—	—	—	—	10	1	—	—	—	—	1
21	30	—	—	28	—	2	27	—	1	26	—	—
20	20	—	5	2	—	13	9	—	4	2	—	3
19	15	—	—	—	—	15	6	—	—	—	—	6
18	17,213	14,242	6	1,274	1,375	316	17,273	14,242	4	1,284	1,375	368
										Total trips:		35,860

NORTHEAST (CAPE FEAR) RIVER, NC

Upbound

Downbound

Grand Total	365	34	31	146	1	153	367	31	33	149	1	153
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FOREIGN

Total	64	34	30	—	—	—	63	31	32	—	—	—
28	31	12	19	—	—	—	12	6	6	—	—	—
27	6	3	3	—	—	—	3	—	3	—	—	—
26	8	3	5	—	—	—	9	4	5	—	—	—
25	1	—	1	—	—	—	5	—	5	—	—	—
24	2	2	—	—	—	—	4	2	2	—	—	—
23	2	2	—	—	—	—	5	4	1	—	—	—
22	1	—	1	—	—	—	5	3	2	—	—	—
21	—	—	—	—	—	—	1	1	—	—	—	—
20	1	1	—	—	—	—	—	—	—	—	—	—
19	1	1	—	—	—	—	3	1	2	—	—	—
18	1	1	—	—	—	—	5	1	4	—	—	—
17	3	3	—	—	—	—	—	—	—	—	—	—
16	5	5	—	—	—	—	1	—	1	—	—	—
15	1	—	1	—	—	—	—	—	—	—	—	—
14	1	1	—	—	—	—	2	1	1	—	—	—
12	—	—	—	—	—	—	1	1	—	—	—	—
11	—	—	—	—	—	—	1	1	—	—	—	—
10	—	—	—	—	—	—	3	3	—	—	—	—
9	—	—	—	—	—	—	2	2	—	—	—	—
8	—	—	—	—	—	—	1	1	—	—	—	—

DOMESTIC

Total	301	—	1	146	1	153	304	—	1	149	1	153
28	1	—	—	—	—	1	—	—	—	—	—	—
26	1	—	1	—	—	—	—	—	—	—	—	—
25	1	—	—	—	—	1	1	—	1	—	—	—
23	3	—	—	—	—	3	—	—	—	—	—	—
22	4	—	—	—	—	4	—	—	—	—	—	—
21	16	—	—	15	—	1	11	—	—	11	—	—
20	5	—	—	—	—	5	2	—	—	—	—	2
19	10	—	—	—	—	10	4	—	—	—	—	4

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
NORTHEAST (CAPE FEAR) RIVER, NC - continued												
Upbound						Downbound						
DOMESTIC												
18	—	—	—	—	—	—	1	—	—	—	—	1
17	4	—	—	—	—	4	—	—	—	—	—	—
16	4	—	—	—	—	2	—	—	—	—	—	—
15	5	—	—	2	—	2	—	—	2	—	—	6
14	9	—	—	3	—	2	—	—	2	—	—	1
13	8	—	—	9	—	7	—	—	8	—	—	1
12	9	—	—	8	—	—	—	—	6	—	—	1
11	2	—	—	2	—	7	—	—	2	—	—	2
10	65	—	—	2	—	—	—	—	2	—	—	—
9	4	—	—	—	—	65	—	—	—	—	—	2
8	18	—	—	—	—	4	—	—	—	—	—	—
7	105	—	—	1	—	17	—	—	16	—	—	—
6	10	—	—	101	—	4	—	—	98	—	—	4
5	1	—	—	3	—	7	—	—	2	—	—	5
4	7	—	—	—	—	1	—	—	—	—	—	18
3	9	—	—	—	1	6	—	—	—	—	1	1
						9	106	—	—	—	—	106
											Total trips:	732

ATLANTIC BEACH CHANNELS, NC
No Vessel Trips Reported

AVON HARBOR, NC
No Vessel Trips Reported

BAY RIVER, NC
(7 feet and less)

	Upbound						Downbound					
Grand Total	1	—	—	1	—	—	1	—	—	1	—	—
										Total trips:		2

BEAUFORT HARBOR, NC
(8 feet and less)

	Inbound						Outbound					
Grand Total	11	9	—	1	1	—	11	9	—	1	1	—
										Total trips:		22

BELHAVEN HARBOR, NC
(12 feet and less)

	Inbound						Outbound					
Grand Total	14	—	—	9	5	—	16	—	—	10	6	—
										Total trips:		30

CAPE FEAR RIVER ABOVE WILMINGTON, NC
(15 feet and less)

	Upbound						Downbound					
Grand Total	253	—	—	125	—	128	256	—	—	131	—	125
										Total trips:		509

CASHIE RIVER, NC
No Vessel Trips Reported

CHANNEL CONNECTING THOROUGHFARE BAY WITH CEDAR BAY, NC
No Vessel Trips Reported

CHANNEL FROM BACK SOUND TO LOOKOUT BIGHT, NC
No Vessel Trips Reported

CHANNEL FROM PAMLICO SOUND TO RODANTHE, NC
No Vessel Trips Reported

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
CHANNEL TO BOGUE INLET, NC No Vessel Trips Reported												
CHOWAN RIVER, NC (9 feet and less)												
				Upbound						Downbound		
Grand Total	106	---	---	40	66	---	98	---	---	32	66	---
										Total trips:		204
DRUM INLET, NC No Vessel Trips Reported												
EDENTON HARBOR, NC (7 feet and less)												
				Inbound						Outbound		
Grand Total	9	---	---	5	4	---	9	---	---	6	3	---
										Total trips:		18
FAR CREEK, NC No Vessel Trips Reported												
KNOBBS CREEK, NC No Vessel Trips Reported												
LOCKWOODS FOLLY RIVER, NC No Vessel Trips Reported												
MACKAY CREEK, NC No Vessel Trips Reported												
MANN'S HARBOR, NC (6 feet and less)												
				Inbound						Outbound		
Grand Total	1	1	---	---	---	---	1	1	---	---	---	---
										Total trips:		2
MANTEO (SHALLOWBAG) BAY, NC (8 feet and less)												
				Upbound						Downbound		
Grand Total	26	---	---	26	---	---	26	---	---	25	1	---
										Total trips:		52
NEUSE RIVER, NC (12 feet and less)												
				Upbound						Downbound		
Grand Total	7,728	7,637	---	45	---	46	7,718	7,629	---	44	---	45
										Total trips:		15,446
NEW RIVER, NC (8 feet and less)												
				Upbound						Downbound		
Grand Total	12	---	---	12	---	---	12	---	---	12	---	---
										Total trips:		24
OCRACOKE INLET, NC No Vessel Trips Reported												
PERQUIMANS RIVER, NC No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ROANOKE RIVER, NC (12 feet and less)												
				Upbound						Downbound		
Grand Total	12	—	—	6	—	6	10	—	—	5	—	5
										Total trips:		22
ROLLINSON CHANNEL, NC (7 feet and less)												
				Upbound						Downbound		
Grand Total	1	—	—	1	—	—	1	—	—	1	—	—
										Total trips:		2
SCUPPERNONG RIVER, NC No Vessel Trips Reported												
SHALLOTTE RIVER, NC (7 feet and less)												
				Upbound						Downbound		
Grand Total	4	—	—	4	—	—	4	—	—	4	—	—
										Total trips:		8
SILVER LAKE HARBOR, NC (7 feet and less)												
				Inbound						Outbound		
Grand Total	2	—	—	2	—	—	2	—	—	2	—	—
										Total trips:		4
SMITHS CREEK (PAMLICO COUNTY), NC No Vessel Trips Reported												
SMITHS CREEK (WILMINGTON), NC No Vessel Trips Reported												
SOUTH RIVER, NC (7 feet and less)												
				Upbound						Downbound		
Grand Total	1	—	—	—	1	—	1	—	—	—	1	—
										Total trips:		2
STUMPY POINT BAY, NC No Vessel Trips Reported												
TRENT RIVER, NC No Vessel Trips Reported												
WANCHESE HARBOR, NC (8 feet and less)												
				Inbound						Outbound		
Grand Total	5	—	—	5	—	—	4	—	—	4	—	—
										Total trips:		9
WATERWAY - NORFOLK, VA TO SOUNDS OF NC (8 feet and less)												
				Upbound						Downbound		
Grand Total	28	1	—	27	—	—	29	—	—	28	1	—
										Total trips:		57
WATERWAY CONNECTING PAMLICO SOUND AND BEAUFORT HARBOR, NC No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
WATERWAY CONNECTING SWAN QUARTER BAY WITH DEEP BAY, NC (7 feet and less)												
	Upbound						Downbound					
Grand Total	344	344	---	---	---	---	345	345	---	---	---	---
										Total trips:		689

WRIGHTS CREEK, NC
No Vessel Trips Reported

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (CHARLESTON DISTRICT)

	Upbound						Downbound					
Grand Total	1,965	401	---	644	788	132	1,971	402	---	646	788	135
DOMESTIC												
Total	1,965	401	---	644	788	132	1,971	402	---	646	788	135
12	1	---	---	1	---	---	2	---	---	2	---	---
11	1	---	---	1	---	---	---	---	---	---	---	---
10	119	---	---	6	113	---	4	---	---	4	---	---
9	58	3	---	9	23	23	14	3	---	6	2	3
8	139	---	---	124	2	13	158	1	---	119	38	---
7	300	1	---	280	15	4	301	1	---	296	3	1
6	1,347	397	---	223	635	92	1,492	397	---	219	745	131
										Total trips:		3,936

GEORGETOWN HARBOR, SC (WINYAH BAY)

	Inbound						Outbound					
Grand Total	607	88	---	136	355	28	608	87	---	136	355	30
FOREIGN												
Total	88	88	---	---	---	---	87	87	---	---	---	---
28	3	3	---	---	---	---	5	5	---	---	---	---
27	29	29	---	---	---	---	27	27	---	---	---	---
26	15	15	---	---	---	---	13	13	---	---	---	---
25	4	4	---	---	---	---	3	3	---	---	---	---
24	7	7	---	---	---	---	7	7	---	---	---	---
23	4	4	---	---	---	---	6	6	---	---	---	---
22	8	8	---	---	---	---	8	8	---	---	---	---
21	6	6	---	---	---	---	6	6	---	---	---	---
20	9	9	---	---	---	---	6	6	---	---	---	---
19	1	1	---	---	---	---	3	3	---	---	---	---
17	1	1	---	---	---	---	2	2	---	---	---	---
15	1	1	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	1	1	---	---	---	---
DOMESTIC												
Total	519	---	---	136	355	28	521	---	---	136	355	30
20	---	---	---	---	---	---	1	---	---	---	1	---
12	519	---	---	136	355	28	520	---	---	136	354	30
										Total trips:		1,215

CHARLESTON HARBOR, SC

	Inbound						Outbound					
Grand Total	8,907	5,137	169	1,746	1,560	295	8,901	5,137	176	1,744	1,562	282
FOREIGN												
Total	2,395	2,255	133	4	3	---	2,398	2,255	134	6	3	---
43	1	1	---	---	---	---	---	---	---	---	---	---
42	13	13	---	---	---	---	3	3	---	---	---	---
41	5	4	1	---	---	---	4	4	---	---	---	---
40	13	13	---	---	---	---	9	9	---	---	---	---
39	29	21	8	---	---	---	34	33	1	---	---	---
38	66	54	12	---	---	---	69	67	2	---	---	---
37	83	76	7	---	---	---	67	67	---	---	---	---
36	155	131	24	---	---	---	104	102	2	---	---	---
35	152	128	24	---	---	---	141	135	6	---	---	---
34	167	161	6	---	---	---	178	172	6	---	---	---
33	160	154	6	---	---	---	219	213	6	---	---	---
32	222	216	6	---	---	---	253	246	7	---	---	---
31	205	198	7	---	---	---	142	139	3	---	---	---
30	242	231	11	---	---	---	243	207	36	---	---	---
29	138	132	6	---	---	---	120	107	13	---	---	---
28	261	254	7	---	---	---	230	220	9	---	1	---
27	122	119	3	---	---	---	91	77	14	---	---	---
26	68	68	---	---	---	---	76	64	12	---	---	---
25	61	60	1	---	---	---	146	138	7	1	---	---
24	66	66	---	---	---	---	80	76	4	---	---	---

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

CHARLESTON HARBOR, SC - continued

Inbound

Outbound

FOREIGN

23	45	43	2	—	—	—	46	45	1	—	—	—
22	22	21	1	—	—	—	31	28	3	—	—	—
21	17	17	—	—	—	—	20	20	—	—	—	—
20	10	10	—	—	—	—	22	21	1	—	—	—
19	18	17	—	1	—	—	11	11	—	—	—	—
18	54	47	1	3	3	—	59	51	1	5	2	—

DOMESTIC

Total	6,512	2,882	36	1,742	1,557	295	6,503	2,882	42	1,738	1,559	282
36	2	—	2	—	—	—	1	—	1	—	—	—
35	3	—	3	—	—	—	—	—	—	—	—	—
34	3	—	3	—	—	—	2	—	2	—	—	—
33	1	—	1	—	—	—	—	—	—	—	—	—
32	10	—	6	2	—	2	6	—	3	2	—	1
31	3	—	—	—	—	3	3	—	3	—	—	—
30	11	—	3	—	—	8	4	—	3	—	—	1
29	9	—	1	—	—	8	6	—	2	—	—	4
28	4	1	1	—	—	2	1	—	1	—	—	—
27	8	—	2	—	—	6	5	—	1	—	3	1
26	4	—	1	—	—	3	11	—	3	—	7	1
25	—	—	—	—	—	—	3	—	1	—	2	—
24	1	—	—	—	—	—	1	—	—	—	—	1
23	—	—	—	—	—	—	1	—	—	—	1	—
22	2	—	—	—	—	2	4	—	1	—	3	—
21	40	—	—	37	3	—	41	—	3	34	3	1
20	16	—	4	2	5	5	10	—	4	2	2	2
19	8	—	—	1	2	5	3	—	—	—	1	2
18	6,387	2,881	9	1,700	1,547	250	6,401	2,882	14	1,700	1,537	268
										Total trips:		17,808

SHIPYARD RIVER, SC

Upbound

Downbound

Grand Total	636	36	11	264	312	13	642	35	15	270	312	10
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FOREIGN

Total	37	34	3	—	—	—	36	33	3	—	—	—
40	1	1	—	—	—	—	—	—	—	—	—	—
39	2	2	—	—	—	—	—	—	—	—	—	—
38	4	4	—	—	—	—	—	—	—	—	—	—
37	6	6	—	—	—	—	1	1	—	—	—	—
36	8	7	1	—	—	—	1	1	—	—	—	—
35	3	2	1	—	—	—	1	1	—	—	—	—
34	4	4	—	—	—	—	1	—	1	—	—	—
31	2	2	—	—	—	—	—	—	—	—	—	—
30	2	2	—	—	—	—	1	1	—	—	—	—
29	1	1	—	—	—	—	2	1	1	—	—	—
28	—	—	—	—	—	—	2	2	—	—	—	—
27	3	2	1	—	—	—	—	—	—	—	—	—
26	1	1	—	—	—	—	3	2	1	—	—	—
25	—	—	—	—	—	—	17	17	—	—	—	—
24	—	—	—	—	—	—	1	1	—	—	—	—
23	—	—	—	—	—	—	1	1	—	—	—	—
22	—	—	—	—	—	—	3	3	—	—	—	—
20	—	—	—	—	—	—	2	2	—	—	—	—

DOMESTIC

Total	599	2	8	264	312	13	606	2	12	270	312	10
34	1	—	1	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	1	—	1	—	—	—
27	—	—	—	—	—	—	3	—	—	—	3	—
26	—	—	—	—	—	—	8	—	1	—	7	—
25	—	—	—	—	—	—	1	—	—	—	1	—
24	—	—	—	—	—	—	1	—	—	—	—	1
22	—	—	—	—	—	—	2	—	—	—	2	—
21	4	—	—	4	—	—	3	—	—	2	1	—
20	3	—	2	—	—	1	3	—	2	—	1	—
19	1	—	—	—	1	—	—	—	—	—	—	—
18	590	2	5	260	311	12	584	2	8	268	297	9
										Total trips:		1,278

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
ASHLEY RIVER, SC (33 feet and less)												
				Upbound						Downbound		
Grand Total	998	996	---	2	---	---	999	996	---	3	---	---
										Total trips:	---	1,997
GREAT PEE DEE RIVER, SC No Vessel Trips Reported												
PORT ROYAL HARBOR, SC (30 feet and less)												
				Inbound						Outbound		
Grand Total	32	12	---	14	---	6	32	12	---	14	---	6
										Total trips:	---	64
SANTEE RIVER, SC (6 feet and less)												
				Upbound						Downbound		
Grand Total	1	---	---	1	---	---	1	---	---	1	---	---
										Total trips:	---	2
VILLAGE CREEK, SC No Vessel Trips Reported												
WACCAMAW RIVER, SC (6 feet and less)												
				Inbound						Outbound		
Grand Total	6	---	---	6	---	---	6	---	---	6	---	---
										Total trips:	---	12

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

SAVANNAH HARBOR, GA

	Inbound						Outbound					
Grand Total	7,288	5,801	264	718	164	341	7,280	5,807	262	716	164	331

FOREIGN

Total	2,025	1,815	210	---	---	---	2,029	1,819	210	---	---	---
40	---	---	---	---	---	---	6	6	---	---	---	---
39	2	2	---	---	---	---	9	9	---	---	---	---
38	22	16	6	---	---	---	31	30	1	---	---	---
37	63	42	21	---	---	---	56	54	2	---	---	---
36	94	73	21	---	---	---	89	86	3	---	---	---
35	116	110	6	---	---	---	107	103	4	---	---	---
34	102	88	14	---	---	---	108	101	7	---	---	---
33	98	86	12	---	---	---	100	94	6	---	---	---
32	144	130	14	---	---	---	161	143	18	---	---	---
31	115	97	18	---	---	---	128	121	7	---	---	---
30	166	151	15	---	---	---	187	173	14	---	---	---
29	147	137	10	---	---	---	139	125	14	---	---	---
28	190	180	10	---	---	---	169	153	16	---	---	---
27	102	91	11	---	---	---	96	75	21	---	---	---
26	111	98	13	---	---	---	103	83	20	---	---	---
25	99	87	12	---	---	---	116	100	16	---	---	---
24	77	69	8	---	---	---	72	60	12	---	---	---
23	47	45	2	---	---	---	71	59	12	---	---	---
22	57	51	6	---	---	---	59	49	10	---	---	---
21	51	48	3	---	---	---	47	41	6	---	---	---
20	34	29	5	---	---	---	32	23	9	---	---	---
19	30	29	1	---	---	---	31	27	4	---	---	---
18	158	156	2	---	---	---	112	104	8	---	---	---

DOMESTIC

Total	5,263	3,986	54	718	164	341	5,251	3,988	52	716	164	331
37	6	---	6	---	---	---	2	---	2	---	---	---
36	1	---	1	---	---	---	3	---	3	---	---	---
35	3	---	3	---	---	---	---	---	---	---	---	---
34	2	---	2	---	---	---	2	---	2	---	---	---
33	4	---	1	---	---	3	---	---	---	---	---	---
32	8	---	1	5	---	2	5	---	1	4	---	---
31	5	---	2	---	---	3	2	---	2	---	---	---
30	2	---	1	---	---	1	4	---	3	---	---	1
29	2	---	2	---	---	---	3	---	3	---	---	---
28	7	---	5	---	---	2	5	1	2	---	---	2
27	5	---	5	---	---	---	1	---	1	---	---	---
26	7	---	4	---	1	2	3	---	3	---	---	---
25	6	---	1	---	3	2	9	---	7	---	---	2
24	8	---	4	---	2	2	2	---	1	---	---	1
23	18	---	---	11	6	1	15	---	---	---	12	3
22	4	---	3	---	---	1	13	---	3	---	---	10
21	10	---	---	6	1	3	5	---	1	4	---	---
20	16	---	4	4	1	7	20	---	3	10	---	7
19	7	---	---	---	---	7	7	---	---	---	---	7
18	5,142	3,986	9	692	150	305	5,150	3,987	15	698	152	298
										Total trips:		14,568

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (SAVANNAH DISTRICT)

	Upbound						Downbound					
Grand Total	7,854	6,843	---	402	397	212	7,847	6,842	---	402	397	206

DOMESTIC

Total	7,854	6,843	---	402	397	212	7,847	6,842	---	402	397	206
14	1	---	---	1	---	---	---	---	---	---	---	---
12	7	---	---	7	---	---	7	---	---	7	---	---
11	1	---	---	1	---	---	---	---	---	---	---	---
10	1	---	---	1	---	---	2	---	---	2	---	---
9	97	3	---	43	30	21	67	3	---	40	16	8
8	105	---	---	91	1	13	116	1	---	112	---	3
7	433	202	---	196	4	31	400	202	---	195	---	3
6	7,209	6,638	---	62	362	147	7,255	6,636	---	46	381	192
										Total trips:		15,701

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
BRUNSWICK HARBOR, GA												
	Upbound						Downbound					
Grand Total	1,092	831	4	128	25	104	1,090	830	4	126	25	105
FOREIGN												
Total	476	472	4	—	—	—	475	471	4	—	—	—
35	—	—	—	—	—	—	4	4	—	—	—	—
33	2	2	—	—	—	—	—	—	—	—	—	—
32	9	9	—	—	—	—	5	5	—	—	—	—
31	7	7	—	—	—	—	10	10	—	—	—	—
30	11	11	—	—	—	—	18	18	—	—	—	—
29	27	26	1	—	—	—	25	24	1	—	—	—
28	73	73	—	—	—	—	54	54	—	—	—	—
27	101	101	—	—	—	—	126	126	—	—	—	—
26	74	74	—	—	—	—	74	74	—	—	—	—
25	45	45	—	—	—	—	55	55	—	—	—	—
24	34	32	2	—	—	—	18	17	1	—	—	—
23	16	16	—	—	—	—	13	13	—	—	—	—
22	5	5	—	—	—	—	13	13	—	—	—	—
21	9	9	—	—	—	—	9	9	—	—	—	—
20	4	4	—	—	—	—	7	7	—	—	—	—
19	6	5	1	—	—	—	3	3	—	—	—	—
18	16	16	—	—	—	—	19	18	1	—	—	—
17	2	2	—	—	—	—	5	5	—	—	—	—
16	2	2	—	—	—	—	3	3	—	—	—	—
15	5	5	—	—	—	—	2	1	1	—	—	—
14	4	4	—	—	—	—	2	2	—	—	—	—
13	7	7	—	—	—	—	2	2	—	—	—	—
12	17	17	—	—	—	—	8	8	—	—	—	—
DOMESTIC												
Total	616	359	—	128	25	104	615	359	—	126	25	105
15	—	—	—	—	—	—	1	—	—	1	—	—
12	616	359	—	128	25	104	614	359	—	125	25	105
											Total trips:	2,182

ALTAMAHA RIVER, GA
No Vessel Trips Reported

DARIEN HARBOR, GA
No Vessel Trips Reported

SATILLA RIVER, GA
No Vessel Trips Reported

SAVANNAH RIVER BELOW AUGUSTA, GA
(7 feet and less)

Grand Total	Upbound						Downbound					
	385	330	—	1	54	—	390	335	—	1	54	—
											Total trips:	775

ST. MARYS RIVER, GA AND FL
(9 feet and less)

Grand Total	Upbound						Downbound					
	84	—	—	41	—	43	82	—	—	41	—	41
											Total trips:	166

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

FERNANDINA HARBOR, FL

	Inbound						Outbound					
Grand Total	828	483	—	190	37	118	808	481	—	178	43	106

FOREIGN

Total	308	297	—	4	7	—	313	295	—	4	14	—
32	—	—	—	—	—	—	2	2	—	—	—	—
31	1	1	—	—	—	—	1	1	—	—	—	—
30	3	3	—	—	—	—	3	3	—	—	—	—
29	3	3	—	—	—	—	2	2	—	—	—	—
28	8	8	—	—	—	—	13	13	—	—	—	—
27	18	18	—	—	—	—	19	19	—	—	—	—
26	10	10	—	—	—	—	11	11	—	—	—	—
25	20	20	—	—	—	—	21	20	—	1	—	—
24	16	16	—	—	—	—	16	16	—	—	—	—
23	14	14	—	—	—	—	20	20	—	—	—	—
22	35	35	—	—	—	—	35	35	—	—	—	—
21	12	12	—	—	—	—	11	11	—	—	—	—
20	9	9	—	—	—	—	11	11	—	—	—	—
19	26	26	—	—	—	—	35	35	—	—	—	—
18	133	122	—	4	7	—	113	96	—	3	14	—

DOMESTIC

Total	520	186	—	186	30	118	495	186	—	174	29	106
18	520	186	—	186	30	118	495	186	—	174	29	106

Total trips: 1,636

ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA, AND THE ST. JOHNS RIVER, FL (JACKSONVILLE DISTRICT)

	Upbound						Downbound					
Grand Total	979	133	2	456	89	299	922	132	2	423	87	278

DOMESTIC

Total	979	133	2	456	89	299	922	132	2	423	87	278
15	1	—	1	—	—	—	2	—	—	1	—	1
14	1	—	—	1	—	—	6	—	1	5	—	—
13	2	—	1	1	—	—	2	—	1	1	—	—
12	6	—	—	6	—	—	11	—	—	10	—	1
10	13	—	—	2	11	—	3	—	—	2	1	—
9	81	3	—	78	—	—	90	—	—	87	3	—
8	157	—	—	106	1	50	88	—	—	88	—	—
7	251	1	—	162	3	85	146	1	—	145	—	—
6	467	129	—	100	74	164	574	131	—	84	83	276

Total trips: 1,901

JACKSONVILLE HARBOR, FL

	Inbound						Outbound					
Grand Total	5,321	1,546	263	1,723	531	1,258	5,330	1,556	261	1,722	533	1,258

FOREIGN

Total	1,505	1,244	192	37	28	4	1,515	1,249	191	40	29	6
39	2	—	2	—	—	—	—	—	—	—	—	—
38	97	59	38	—	—	—	4	—	4	—	—	—
37	42	19	23	—	—	—	3	2	1	—	—	—
36	19	8	11	—	—	—	6	1	5	—	—	—
35	16	8	8	—	—	—	3	2	1	—	—	—
34	19	7	11	—	—	1	6	4	2	—	—	—
33	18	10	8	—	—	—	6	3	3	—	—	—
32	40	27	13	—	—	—	41	26	15	—	—	—
31	58	48	10	—	—	—	24	10	14	—	—	—
30	121	114	7	—	—	—	125	109	16	—	—	—
29	73	56	17	—	—	—	52	38	14	—	—	—
28	122	119	3	—	—	—	131	120	11	—	—	—
27	81	75	6	—	—	—	110	100	10	—	—	—
26	88	77	11	—	—	—	156	128	28	—	—	—
25	99	96	3	—	—	—	128	117	11	—	—	—
24	226	219	7	—	—	—	258	237	21	—	—	—
23	37	34	3	—	—	—	51	43	8	—	—	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

JACKSONVILLE HARBOR, FL - continued

	Inbound						Outbound					
FOREIGN												
22	51	47	2	1	—	1	67	58	7	1	1	—
21	32	30	2	—	—	—	59	49	9	—	—	1
20	52	49	3	—	—	—	67	66	1	—	—	—
19	31	29	2	—	—	—	29	23	6	—	—	—
18	181	113	2	36	28	2	189	113	4	39	28	5
DOMESTIC												
Total	3,816	302	71	1,686	503	1,254	3,815	307	70	1,682	504	1,252
41	1	—	1	—	—	—	—	—	—	—	—	—
38	9	—	9	—	—	—	—	—	—	—	—	—
37	9	—	9	—	—	—	1	—	1	—	—	—
36	9	—	8	—	—	1	1	—	—	—	—	1
35	14	6	6	—	2	—	—	—	—	—	—	—
34	8	—	4	—	3	1	1	—	1	—	—	—
33	2	—	1	1	—	—	1	—	—	1	—	—
32	6	—	2	4	—	—	3	—	—	3	—	—
31	5	1	—	—	1	3	16	12	2	—	—	2
30	5	2	2	—	—	1	58	55	3	—	—	—
29	14	9	2	—	1	2	42	41	1	—	—	—
28	83	81	—	—	—	2	94	89	5	—	—	—
27	31	23	5	—	2	1	13	5	8	—	—	—
26	59	53	2	—	2	2	21	20	—	—	—	1
25	55	17	2	1	5	30	7	—	4	1	—	2
24	17	9	1	6	—	1	4	—	1	2	1	—
23	24	21	—	2	1	—	3	—	—	2	1	—
22	8	1	—	—	1	6	—	—	—	—	—	—
21	10	—	5	5	—	—	18	—	17	1	—	—
20	185	—	2	179	2	2	120	1	10	109	—	—
19	10	1	—	1	2	6	6	1	—	5	—	—
18	3,252	78	10	1,487	481	1,196	3,406	83	17	1,558	502	1,246
										Total trips:		10,651

ST. JOHNS RIVER, FL JACKSONVILLE TO LAKE HARNEY

	Upbound						Downbound					
Grand Total	2,079	1,083	—	520	47	429	2,071	1,083	—	520	44	424
DOMESTIC												
Total	2,079	1,083	—	520	47	429	2,071	1,083	—	520	44	424
14	1	—	—	1	—	—	1	—	—	1	—	—
9	93	—	—	93	—	—	93	—	—	93	—	—
8	586	409	—	123	1	53	513	409	—	104	—	—
7	556	—	—	286	—	270	281	—	—	279	—	2
6	100	—	—	14	5	81	38	—	—	38	—	—
5	677	674	—	—	—	3	677	674	—	—	1	2
4	1	—	—	—	—	—	1	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—
2	65	—	—	3	41	21	462	—	—	5	37	420
1	—	—	—	—	—	—	5	—	—	—	5	—
										Total trips:		4,150

INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FL

	Upbound						Downbound					
Grand Total	2,333	906	—	717	94	616	2,312	912	—	724	114	562
FOREIGN												
Total	75	44	—	19	12	—	60	38	—	11	11	—
15	6	6	—	—	—	—	7	7	—	—	—	—
14	1	1	—	—	—	—	—	—	—	—	—	—
13	2	—	—	1	1	—	—	—	—	—	—	—
12	1	—	—	—	1	—	—	—	—	—	—	—
10	3	—	—	1	2	—	3	—	—	2	1	—
8	13	1	—	5	7	—	16	—	—	7	9	—
7	5	2	—	3	—	—	4	3	—	1	—	—
6	44	34	—	9	1	—	30	28	—	1	1	—

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FL - continued

Upbound

Downbound

DOMESTIC

Total	2,258	862	---	698	82	616	2,252	874	---	713	103	562
14	3	---	---	3	---	---	1	---	---	1	---	---
12	44	1	---	43	---	---	36	1	---	35	---	---
11	94	---	---	92	---	2	91	---	---	90	---	1
10	671	665	---	3	---	3	670	665	---	4	---	1
9	125	84	---	36	3	2	138	95	---	37	3	3
8	237	---	---	190	---	47	178	---	---	176	2	---
7	279	34	---	190	1	54	271	33	---	232	3	3
6	805	78	---	141	78	508	867	80	---	138	95	554
										Total trips:		4,645

CANAVERAL HARBOR, FL

Inbound

Outbound

Grand Total	2,279	1,331	70	411	50	417	2,347	1,339	68	463	55	422
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FOREIGN

Total	765	599	50	58	49	9	791	607	51	66	54	13
39	6	1	5	---	---	---	---	---	---	---	---	---
38	6	1	5	---	---	---	1	---	1	---	---	---
37	3	---	3	---	---	---	---	---	---	---	---	---
36	4	---	4	---	---	---	3	---	2	---	---	1
35	7	---	4	---	---	3	2	---	1	---	---	1
34	19	14	5	---	---	---	5	---	5	---	---	---
33	5	3	2	---	---	---	3	---	3	---	---	---
32	11	6	4	---	---	1	9	6	2	---	---	1
31	6	5	1	---	---	---	3	2	1	---	---	---
30	2	1	1	---	---	---	3	2	1	---	---	---
29	6	3	2	---	---	1	11	4	7	---	---	---
28	7	2	3	---	---	2	9	2	6	1	---	---
27	110	109	1	---	---	---	110	106	3	---	---	1
26	68	65	2	1	---	---	62	59	3	---	---	---
25	213	209	4	---	---	---	213	208	5	---	---	---
24	16	15	1	---	---	---	30	22	7	---	---	1
23	13	12	1	---	---	---	13	11	2	---	---	---
22	12	6	1	4	---	1	19	16	---	3	---	---
21	51	51	---	---	---	---	60	60	---	---	---	---
20	11	11	---	---	---	---	20	17	---	1	---	2
19	10	9	1	---	---	---	11	7	1	1	---	2
18	179	76	---	53	49	1	204	85	1	60	54	4

DOMESTIC

Total	1,514	732	20	353	1	408	1,556	732	17	397	1	409
37	3	---	3	---	---	---	---	---	---	---	---	---
36	4	---	3	---	---	1	---	---	---	---	---	---
34	2	---	2	---	---	---	---	---	---	---	---	---
33	1	---	1	---	---	---	---	---	---	---	---	---
32	1	---	1	---	---	---	2	---	2	---	---	---
31	3	---	1	---	---	2	1	---	1	---	---	---
30	1	---	1	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	1	---	1	---	---	---
28	3	---	2	---	---	1	---	---	---	---	---	---
27	1	---	1	---	---	---	2	---	1	---	---	1
26	1	---	---	---	---	1	---	---	---	---	---	---
25	1	---	---	---	---	1	1	---	1	---	---	---
24	2	---	1	---	---	1	2	---	1	---	---	1
21	5	---	2	1	---	2	4	---	3	1	---	---
20	1	---	---	---	---	1	3	---	3	---	---	---
19	1	---	---	---	---	1	1	---	---	---	---	1
18	1,484	732	2	352	1	397	1,539	732	4	396	1	406
										Total trips:		4,626

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
PALM BEACH HARBOR, FL												
Grand Total				Inbound						Outbound		
	1,536	1,257	13	124	68	74	1,547	1,263	14	132	67	71
FOREIGN												
Total	1,203	1,162	13	15	5	8	1,207	1,168	13	14	3	9
38	1	—	—	—	1	—	1	—	—	—	1	—
34	4	4	—	—	—	—	7	7	—	—	—	—
33	2	2	—	—	—	—	4	1	3	—	—	—
32	6	—	—	—	1	5	2	—	2	—	—	—
31	1	1	—	—	—	—	2	—	1	—	—	1
30	4	2	—	—	—	2	4	3	—	—	—	1
29	2	2	—	—	—	—	8	4	4	—	—	—
28	3	2	1	—	—	—	4	1	3	—	—	—
27	9	9	—	—	—	—	7	7	—	—	—	—
26	1	1	—	—	—	—	1	—	—	—	—	1
25	4	2	1	—	1	—	—	—	—	—	—	—
24	1	1	—	—	—	—	—	—	—	—	—	—
23	43	43	—	—	—	—	46	45	—	—	—	1
22	27	23	—	4	—	—	55	51	—	4	—	—
21	23	22	—	1	—	—	2	—	—	1	—	1
20	12	8	4	—	—	—	2	1	—	—	—	1
19	3	—	2	1	—	—	—	—	—	—	—	—
18	1,057	1,040	5	9	2	1	1,062	1,048	—	9	2	3
DOMESTIC												
Total	333	95	—	109	63	66	340	95	1	118	64	62
33	1	—	—	—	—	1	—	—	—	—	—	—
31	1	—	—	—	—	1	—	—	—	—	—	—
30	23	—	—	—	—	23	—	—	—	—	—	—
29	9	—	—	—	—	9	—	—	—	—	—	—
28	1	—	—	—	—	1	—	—	—	—	—	—
27	16	—	—	—	—	16	—	—	—	—	—	—
26	13	—	—	—	—	13	—	—	—	—	—	—
24	—	—	—	—	—	—	19	—	—	—	19	—
23	—	—	—	—	—	—	38	—	—	—	38	—
21	1	—	—	—	—	1	2	—	—	—	2	—
20	13	—	—	13	—	—	13	—	1	12	—	—
18	255	95	—	96	63	1	268	95	—	106	5	62
										Total trips:	3,083	
PORT EVERGLADES HARBOR, FL												
Grand Total				Inbound						Outbound		
	5,396	4,070	445	445	43	393	5,392	4,087	431	436	54	384
FOREIGN												
Total	3,589	3,329	151	65	36	8	3,629	3,340	157	72	49	11
39	7	5	2	—	—	—	1	1	—	—	—	—
38	24	13	11	—	—	—	5	5	—	—	—	—
37	45	34	11	—	—	—	8	7	1	—	—	—
36	69	41	28	—	—	—	24	24	—	—	—	—
35	40	21	17	—	—	2	20	20	—	—	—	—
34	19	11	8	—	—	—	9	6	3	—	—	—
33	24	8	16	—	—	—	17	6	11	—	—	—
32	22	10	10	—	—	2	21	11	9	—	—	1
31	17	13	4	—	—	—	16	9	7	—	—	—
30	59	55	2	1	1	—	71	54	15	1	1	—
29	24	19	5	—	—	—	47	38	9	—	—	—
28	78	68	9	—	—	1	140	116	23	—	—	1
27	113	110	3	—	—	—	107	93	14	—	—	—
26	179	176	3	—	—	—	186	168	16	1	—	1
25	182	178	4	—	—	—	191	180	11	—	—	—
24	155	155	—	—	—	—	194	183	10	—	—	1
23	121	120	1	—	—	—	119	118	1	—	—	—
22	102	97	1	4	—	—	120	111	5	4	—	—
21	219	219	—	—	—	—	347	346	1	—	—	—
20	86	85	1	—	—	—	64	60	3	—	—	1
19	145	144	—	—	—	1	180	179	1	—	—	—
18	1,859	1,747	15	60	35	2	1,742	1,605	17	66	48	6

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

PORT EVERGLADES HARBOR, FL - continued
Inbound

Outbound

DOMESTIC

Total	1,807	741	294	380	7	385	1,763	747	274	364	5	373
38	15	—	15	—	—	—	—	—	—	—	—	—
37	48	—	48	—	—	—	1	—	1	—	—	—
36	48	—	48	—	—	—	—	—	—	—	—	—
35	50	—	50	—	—	—	14	—	14	—	—	—
34	21	—	20	—	—	1	3	—	3	—	—	—
33	25	—	25	—	—	—	3	—	3	—	—	—
32	19	—	14	—	—	5	2	—	2	—	—	—
31	43	—	17	—	—	26	8	4	4	—	—	—
30	25	1	7	—	—	17	9	4	4	—	—	1
29	15	—	3	—	—	12	14	9	4	—	—	1
28	40	—	7	—	—	33	22	16	4	—	—	2
27	19	7	10	—	—	2	15	12	3	—	—	—
26	42	28	9	—	—	5	10	7	2	—	—	1
25	19	11	7	—	—	1	15	—	15	—	—	—
24	1	—	—	—	—	—	8	—	6	—	—	2
23	3	—	—	2	—	1	1	—	—	—	—	1
22	2	—	1	—	—	1	3	—	3	—	—	—
21	14	—	4	9	—	1	86	—	84	1	—	1
20	10	—	2	5	—	3	57	—	48	9	—	—
19	6	—	1	5	—	—	7	1	—	4	—	2
18	1,342	694	6	359	7	276	1,485	694	74	350	5	362
										Total trips:		10,788

MIAMI HARBOR, FL

Inbound

Outbound

Grand Total	9,535	8,273	26	734	30	472	9,554	8,299	26	740	19	470
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FOREIGN

Total	4,559	4,482	22	30	21	4	4,580	4,519	23	24	11	3
40	1	1	—	—	—	—	—	—	—	—	—	—
39	6	6	—	—	—	—	3	3	—	—	—	—
38	5	5	—	—	—	—	6	6	—	—	—	—
37	36	36	—	—	—	—	36	36	—	—	—	—
36	50	50	—	—	—	—	51	51	—	—	—	—
35	66	66	—	—	—	—	69	68	1	—	—	—
34	53	53	—	—	—	—	58	58	—	—	—	—
33	42	41	1	—	—	—	40	40	—	—	—	—
32	131	128	2	—	—	1	129	127	1	—	—	1
31	71	66	4	—	—	1	80	80	—	—	—	—
30	125	122	2	1	—	—	130	127	2	1	—	—
29	105	102	3	—	—	—	98	98	—	—	—	—
28	173	168	5	—	—	—	175	170	5	—	—	—
27	163	158	3	1	1	—	196	189	7	—	—	—
26	159	159	—	—	—	—	147	147	—	—	—	—
25	391	389	—	2	—	—	360	356	3	1	—	—
24	154	154	—	—	—	—	174	170	2	1	1	—
23	111	111	—	—	—	—	62	62	—	—	—	—
22	209	207	1	1	—	—	198	197	—	1	—	—
21	94	94	—	—	—	—	243	242	1	—	—	—
20	82	82	—	—	—	—	173	173	—	—	—	—
19	82	82	—	—	—	—	65	65	—	—	—	—
18	2,250	2,202	1	25	20	2	2,087	2,054	1	20	10	2

DOMESTIC

Total	4,976	3,791	4	704	9	468	4,974	3,780	3	716	8	467
33	2	—	2	—	—	—	—	—	—	—	—	—
32	1	—	1	—	—	—	—	—	—	—	—	—
31	13	—	—	—	—	13	1	—	—	—	—	1
30	—	—	—	—	—	—	2	—	—	—	—	2
29	6	—	1	—	—	5	—	—	—	—	—	—
28	1	—	—	—	—	1	—	—	—	—	—	—
27	1	—	—	—	—	1	—	—	—	—	—	—
26	9	—	—	—	—	9	2	—	—	—	—	2
25	—	—	—	—	—	—	3	—	3	—	—	—
23	2	—	—	2	—	—	1	—	—	1	—	—
22	—	—	—	—	—	—	1	—	—	—	—	1
21	1	—	—	—	—	1	1	—	—	—	—	1
20	3	—	—	3	—	—	4	—	—	2	—	2

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
MIAMI HARBOR, FL - continued												
	Inbound						Outbound					
DOMESTIC												
19	1	—	—	—	—	1	—	—	—	—	—	—
18	4,936	3,791	—	699	9	437	4,959	3,780	—	713	8	458
										Total trips:		19,089
MIAMI RIVER, FL												
	Upbound						Downbound					
Grand Total	1,281	1,020	—	260	1	—	1,330	1,063	1	263	3	—
FOREIGN												
Total	984	983	—	1	—	—	1,034	1,027	1	4	2	—
18	4	4	—	—	—	—	4	3	1	—	—	—
16	2	2	—	—	—	—	1	1	—	—	—	—
15	3	3	—	—	—	—	3	3	—	—	—	—
14	11	11	—	—	—	—	47	47	—	—	—	—
13	61	61	—	—	—	—	219	219	—	—	—	—
12	287	287	—	—	—	—	331	331	—	—	—	—
11	192	192	—	—	—	—	159	159	—	—	—	—
10	143	143	—	—	—	—	77	77	—	—	—	—
9	100	100	—	—	—	—	20	20	—	—	—	—
8	14	14	—	—	—	—	13	12	—	—	1	—
7	23	23	—	—	—	—	62	62	—	—	—	—
6	144	143	—	1	—	—	98	93	—	4	1	—
DOMESTIC												
Total	297	37	—	259	1	—	296	36	—	259	1	—
9	25	25	—	—	—	—	25	25	—	—	—	—
8	129	—	—	129	—	—	129	—	—	129	—	—
7	142	12	—	129	1	—	140	11	—	129	—	—
6	1	—	—	1	—	—	2	—	—	1	1	—
										Total trips:		2,611
INTRACOASTAL WATERWAY, MIAMI TO KEY WEST, FL												
	Upbound						Downbound					
Grand Total	5,191	4,747	—	222	—	222	5,193	4,749	—	222	—	222
FOREIGN												
Total	3	3	—	—	—	—	5	5	—	—	—	—
5	2	2	—	—	—	—	4	4	—	—	—	—
3	1	1	—	—	—	—	1	1	—	—	—	—
DOMESTIC												
Total	5,188	4,744	—	222	—	222	5,188	4,744	—	222	—	222
8	—	—	—	—	—	—	3	—	—	—	—	3
7	—	—	—	—	—	—	25	—	—	—	—	25
6	220	—	—	220	—	—	346	—	—	220	—	126
5	4,402	4,400	—	2	—	—	4,359	4,357	—	2	—	—
4	344	344	—	—	—	—	387	387	—	—	—	—
2	222	—	—	—	—	222	68	—	—	—	—	68
										Total trips:		10,384
BAKERS HAULOVER INLET, FL												
No Vessel Trips Reported												
EAU GALLIE HARBOR, FL												
No Vessel Trips Reported												

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker
FORT PIERCE HARBOR, FL (27 feet and less)												
				Inbound						Outbound		
Grand Total	233	162	2	38	31	—	242	166	—	47	29	—
										Total trips:		475
KEY WEST HARBOR, FL (29 feet and less)												
				Inbound						Outbound		
Grand Total	1,362	1,327	11	17	1	6	1,366	1,327	8	21	2	8
										Total trips:		2,728
MELBOURNE HARBOR, FL (9 feet and less)												
				Inbound						Outbound		
Grand Total	85	85	—	—	—	—	86	86	—	—	—	—
										Total trips:		171
NEW RIVER, FL (9 feet and less)												
				Upbound						Downbound		
Grand Total	36	11	—	25	—	—	36	10	—	26	—	—
										Total trips:		72
OKLAWAHA RIVER, FL (6 feet and less)												
				Upbound						Downbound		
Grand Total	1	—	—	1	—	—	1	—	—	1	—	—
										Total trips:		2
PONCE DE LEON INLET, FL No Vessel Trips Reported												
RICE CREEK, FL (9 feet and less)												
				Upbound						Downbound		
Grand Total	890	674	—	106	—	110	890	674	—	106	—	110
										Total trips:		1,780
ST. AUGUSTINE HARBOR, FL (8 feet and less)												
				Inbound						Outbound		
Grand Total	1,415	1,409	—	5	1	—	1,411	1,408	—	3	—	—
										Total trips:		2,826
ST. LUCIE INLET, FL (7 feet and less)												
				Upbound						Downbound		
Grand Total	1	—	—	1	—	—	1	—	—	1	—	—
										Total trips:		2

Trips and Drafts of Vessels, 2001
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT) BETWEEN NORFOLK, VA AND THE ST. JOHNS RIVER, FL
Upbound Downbound

Grand Total	15,178	9,932	3	2,489	2,022	732	15,208	9,687	3	2,498	2,272	748
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DOMESTIC

Total	15,178	9,932	3	2,489	2,022	732	15,208	9,687	3	2,498	2,272	748
15	1	—	1	—	—	—	2	—	—	1	—	1
14	1	—	—	1	—	—	6	—	1	5	—	—
13	2	—	1	1	—	—	2	—	1	1	—	—
12	23	—	—	11	10	2	31	—	—	14	—	17
11	5	—	—	1	4	—	11	—	—	—	5	6
10	71	—	—	39	19	13	115	—	—	19	45	51
9	576	3	—	376	42	155	800	3	—	440	291	66
8	639	—	—	538	3	98	696	1	—	632	43	20
7	1,325	215	—	988	30	92	1,299	215	—	996	84	4
6	12,535	9,714	1	534	1,914	372	12,246	9,468	1	390	1,804	583
										Total trips:		30,386

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- Summary of United States Flag Vessels
- Summary of Lock Statistics (Contact: Navigation Data Center, (703) 428-8458)

Material may be ordered from Waterborne Commerce Statistics Center, U.S. Army Corps of Engineers, P.O. Box 61280, New Orleans, LA 70161-1280. Checks or money orders should be made out to FAO-Q0. Call (504) 862-1424, or FAX (504) 862-1423.

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(03/22/2002)

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34	Port of Portland, OR and Ports on the Columbia-Snake River System (Astoria, The Dalles, Boardman, and Umatilla, OR; Longview, Kalama, Vancouver, Pasco/ Kennewick, Wilma, and Clarkston, WA; and Lewiston, ID)	1996	42.00
35	Tacoma, Olympia and Grays Harbor, WA	1993	18.00
36	Seattle, WA	2002	25.00
37	Port Angeles, Port Townsend, Everett, Anacortes, and Bellingham, WA.	1998	11.50
38	Southeast Alaska (Metlakatla, Ketchikan, Hollis, Thorne Bay, Hydaburg, Craig, Klawock, Wrangell, Petersburg, Kake, Juneau, Angoon, Haines, Skagway, Sitka, Pelican, Gustavus, Hoonah, and Yakutat)	1995	26.50
39	Ports of Southwest and Western Alaska (1ST EDITION)	1994	26.50
41	Buffalo, Rochester, Oswego, and Ogdensburg, NY	2001	17.00
42	U.S. Ports on Lake Erie (Erie, PA; and Conneaut, Ashtabula, Fairport Harbor, Lorain, Huron, and Sandusky, OH)	2001	19.00
43	Cleveland, OH	2000	10.50
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65	Ports on Illinois Waterway (Miles 0-291), Grafton to Lockport, IL	1994	16.00
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69	Minneapolis-St. Paul, MN, and Ports on Upper Mississippi River (Miles 300-860 AOR)	1994	44.00
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