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WATERBORNE COMMERCE
OF THE UNITED STATES

Calendar Year 1982

PART 1
WATERWAYS AND HARBORS
ATLANTIC COAST



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WATERBORNE COMMERCE OF THE UNITED STATES

CALENDAR YEAR 1982

PART 1

WATERWAYS AND HARBORS ATLANTIC COAST

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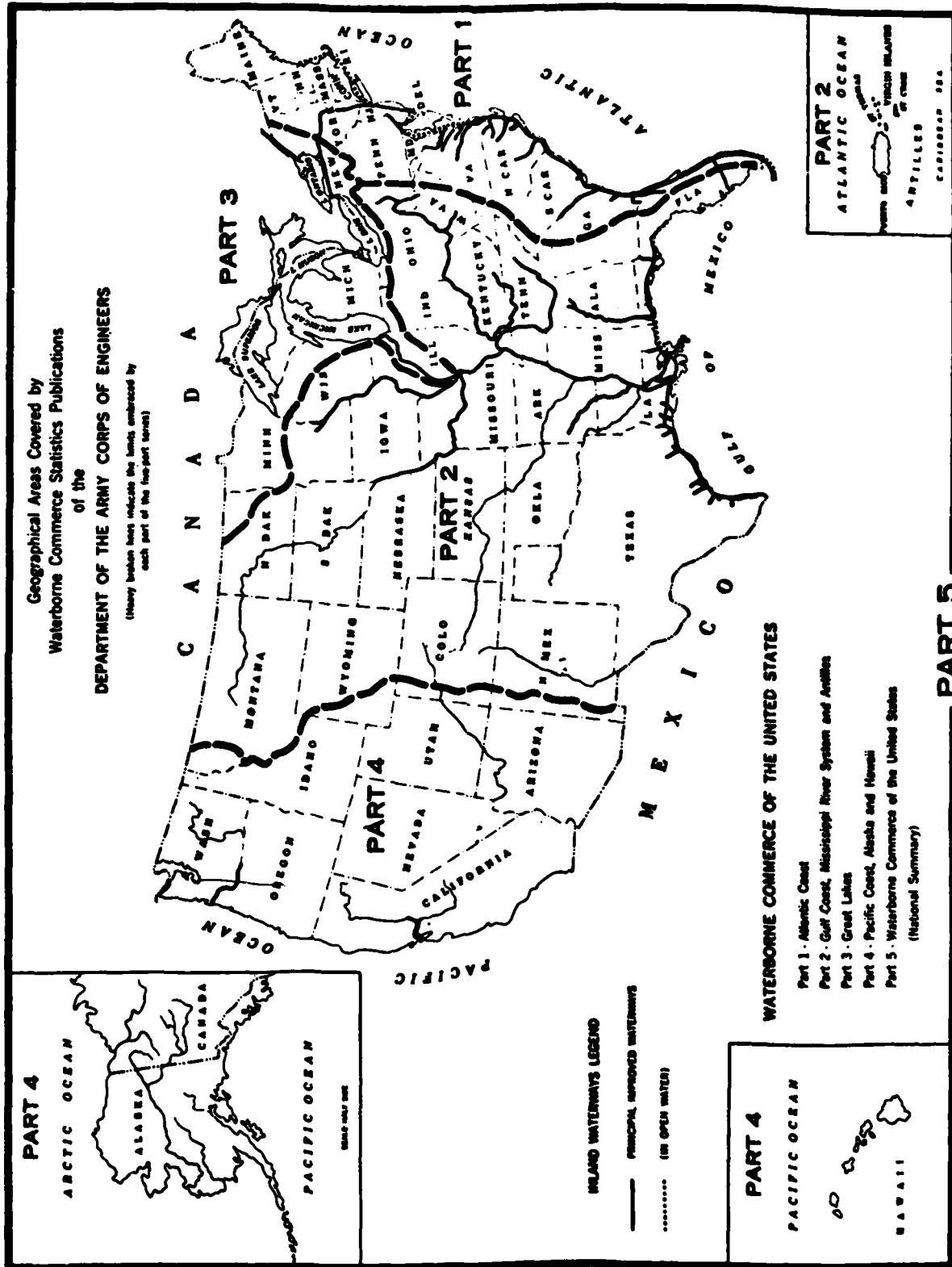
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INTRODUCTION

This publication is one of a series containing statistics on the waterborne commerce of the United States during the calendar year 1982. Four of these publications present detailed data on the movements of commodities and vessels at the ports and harbors and on the waterways and canals of the United States, the Commonwealth of Puerto Rico, and the Virgin Islands, and the fifth contains summary data of the country as a whole. The numbers of the publications and the areas covered are:

Area

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

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

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

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

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

Waterborne traffic movements were reported to the Corps of Engineers by all vessel operators of record on prescribed forms approved by the Office of Management and Budget under the Federal Reports Act of 1942 for those movements of their vessels which were classified as domestic traffic; namely, between United States ports, continental and noncontiguous, and on the inland rivers, canals, and connecting channels of the United States, Puerto Rico, and the Virgin Islands, excluding the Panama Canal. The reports were generally submitted on the basis of a vessel movement completed in one direction and, for movements with cargo, the origin and destination of the water transportation of each individual commodity. In compiling the data, the entire movement was included in the year in which the movement was completed even though the shipment may have originated in the preceding year, except that, beginning with calendar year 1961 statistics, a cutoff date of 28 February was established for the processing of reports from vessel operators covering the prior year's completed movements. Hence, reports of movements completed in 1982 but not reported to the Corps of Engineers until after 28 February 1983 will be included in the next year's, 1983, statistics rather than in this publication, while reports of movements completed in 1981 but reported to the Corps after 28 February 1982 are included in this publication.

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

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

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

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

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

The 1982 statistics on waterborne exports of domestic and foreign merchandise and non-Department of Defense shipments of Special Category commodities reflect fully compiled data for shipments to Canada individually valued at \$2,000 and over combined with estimated data for shipments valued \$251-\$1,999, based on a 10-percent sample of such shipments. For countries other than Canada, the export statistics reflect fully compiled data for shipments valued \$1,000 and over combined with estimated data for shipments valued \$251-\$999, based on a 50-percent sample of such shipments. Data on export shipments valued under \$251 are excluded from this report.

Import statistics for 1982 exclude data on shipments valued \$250 and under reported on both formal and informal entries. Informal entries generally contain items valued not more than \$250.

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

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

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

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

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

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

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

Passenger arrivals and departures on the various waterways and channels and at ports include passengers engaged in foreign travel. While the Immigration and Naturalization Service, Department of Justice, no longer provides foreign passenger data to the Waterborne Commerce Statistics Center, foreign passengers traveling between Canada and the United States in the Great Lakes and Alaska areas are reported to the Corps of Engineers from other sources available to the Corps. In addition, the New England Division has been able to obtain foreign passenger data for calendar year 1982 in Bar Harbor, Lubec, Eastport and Portland Harbor.

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

SECTION 1 of this publication presents comparative statements of commerce for preceding years and the detailed freight traffic for calendar year 1982 of harbors and waterways in the area covered by this part of the statistics series.

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

TERMS FOR KIND OF TRAFFIC

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

Pertaining to Ports

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

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

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

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

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

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

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

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

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

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

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

General Terms

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

INTRODUCTION

IX

COMMODITY CLASSIFICATION FOR DOMESTIC WATERBORNE COMMERCE

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

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

Waterborne Commerce of the United States, 1982

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

INTRODUCTION

XI

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

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

Section I
FREIGHT TRAFFIC

NEW ENGLAND DIVISION

BUCKSPORT HARBOR, MAINE (INCLUDED IN PENOBSCOT RIVER, MAINE)

SECTION INCLUDED: HARBOR PROPER, INCLUDING WESTERN END OF THE EASTERN CHANNEL, OPPOSITE THE NORTHERN END OF VERONA ISLAND. CONTROLLING DEPTH: 5.2 FEET. PROJECT DEPTH: 16.0 FEET IN MIDDLE GROUND AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	1,182,679	1978	1,175,770
1974	1,153,520	1979	1,091,638
1975	1,145,050	1980	939,384
1976	1,185,142	1981	965,295
1977	1,191,026	1982	860,897

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		IMPORTS	EXPORTS	COASTWISE	
				RECEIPTS	SHIPMENTS
				INTERNAL	SHIPMENTS
TOTAL	860,897	438,180	375,319	17,053	30,345
2911 GASOLINE	135,832		129,366	6,466	
2912 JET FUEL	39,249		32,710	6,539	
2913 KEROSENE	15,559		11,379	1,444	2,736
2914 DISTILLATE FUEL OIL	220,871	8,857	184,282	123	27,609
2915 RESIDUAL FUEL OIL	483,748	429,323	18,421		
2901 PETROLEUM AND COAL PROD, NEC	5,642		3,161	2,481	

PENOBSCOT RIVER, MAINE

SECTION INCLUDED: MOUTH TO BANGOR. CONTROLLING DEPTH: 18 FEET IN CHANNEL OPPOSITE LAWRENCE COVE AND 21.4 FEET IN CHANNEL OPPOSITE FRANKFORT FLATS. PROJECT DEPTH: 22 FEET BETWEEN BUCKSPORT AND WINTERPORT, 15 FEET NEAR STEARNS MILL AND CROSBY NARROWS, 13 FEET AT HARBOR AT BANGOR. ALL AT MEAN LOW WATER. NAVIGATION SEASON: ABOUT 9 MONTHS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	1,832,107	1978	1,768,187
1974	1,670,185	1979	1,601,606
1975	1,667,833	1980	1,459,216
1976	1,821,835	1981	1,430,372
1977	1,812,459	1982	1,166,329

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE		
				RECEIPTS	SHIPMENTS	
				INTERNAL	UPROUND	
TOTAL	1,166,329	438,210	18,419	663,338	18,021	30,345
0161 ANIMALS AND PRODUCTS, NEC	1,349		1,349			
0911 FRESH FISH, EXCEPT SHELLFISH	2,304		2,304			
0912 SHELLFISH, EXCEPT PREPARED	234		234			
2011 MEAT, FRESH, CHILLED, FROZEN	11,903		11,903			
2031 FISH AND SHELLFISH, PREPARED	88		88			
2902 ANIMAL FEEDS	581		581			
2911 GASOLINE	289,670			283,204	6,466	
2912 JET FUEL	46,683			42,144	4,539	
2913 KEROSENE	29,323			25,143	1,444	2,736
2914 DISTILLATE FUEL OIL	318,140	8,857		240,583	1,091	27,609
2915 RESIDUAL FUEL OIL	483,744	429,323		18,421		
2908 ASPHALT, TAR, AND PITCHES	14,678			14,678		
2901 PETROLEUM AND COAL PROD, NEC	5,642			3,161	2,481	
3511 MACHINERY, EXCEPT ELECTRICAL	1		1			
3711 MOTOR VEHICLES, PARTS, EQUIP	29		29			
TOTAL TON-MILES,	14,490,696.					

SEARSPORT HARBOR, MAINE

SECTION INCLUDED: CHANNEL FROM DEEP WATER TO PIERS AND TURNING BASIN AT HACK POINT. CONTROLLING DEPTH: 35 FEET IN 35 FOOT ACCESS CHANNEL; 34 FEET IN 35 FOOT TURNING BASIN. PROJECT DEPTH: 35 FEET, ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	1,322,686	1978	1,339,083
1974	1,216,294	1979	1,280,216
1975	1,365,860	1980	1,192,650
1976	1,313,413	1981	1,079,613
1977	1,497,188	1982	793,713

Waterborne Commerce of the United States, 1982

BEARSPORT HARBOR, MAINE--CONTINUED

FRIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE	
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS
TOTAL	793,713	690,126	15,009	70,761	9,817
0061 FOREST PRODUCTS, NEC	1,700	1,700			
1411 LIMESTONE	14,701	14,701			
1491 SALT	130,647	130,647			
2034 VEGETABLES AND PREP, NEC	10,561	10,561			
2631 PAPER AND PAPERBOARD	14,928		14,928		
2810 SODIUM HYDROXIDE	9,994			7,551	2,443
2819 BASIC CHEMICALS AND PROD, NEC	1,989	1,989			
2891 MISCELLANEOUS CHEMICAL PROD	15		15		
2911 GASOLINE	7,374				7,374
2912 JET FUEL	61,988			61,988	
2914 DISTILLATE FUEL OIL	3,479			3,479	
2915 RESIDUAL FUEL OIL	536,218	536,218			1,743
3111 LEATHER AND LEATHER PRODUCTS	31			31	
3511 MACHINERY, EXCEPT ELECTRICAL	37		4		
3611 ELECTRICAL MACH AND EQUIP	5		4		
3711 MOTOR VEHICLES, PARTS, EQUIP	1			1	
4112 COMMODITIES, NEC	5	5			

PORTLAND HARBOR, MAINE

SECTION INCLUDED: NORTHERN LIMIT FROM THE MOUTH OF THE PRESUMSCOT 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 RACK COVE. CONTROLLING DEPTHS: 45 FEET FROM THE SEA TO THE LIMIT OF THE 45-FOOT CHANNEL; 45 FEET IN MAIN SHIP CHANNEL; 45 FEET IN 45-FOOT HOUSE ISLAND ANCHORAGE; 33 FEET TO PORTLAND BRIDGE; 32.0 FEET TO UPSTREAM LIMIT IN THE 35-FOOT FORD RIVER CHANNEL; 30 FEET IN 30-FOOT ANCHORAGE; 18 FEET IN 30-FOOT APPROACH CHANNEL; 15 FEET IN 14-FOOT CHANNEL BETWEEN GRAND TRUNK AND TUKEY BRIDGES; 8 FEET IN 12-FOOT CHANNEL IN RACK COVE. PROJECT DEPTH: 45 FEET FROM OPEN OCEAN TO PORTLAND PIPELINE CORP. TERMINAL; 45 FOOT ANCHORAGE TO A & M P R BRIDGE. OTHER CHANNELS RANGE FROM 12 TO 35 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	28,844,110	494,977	1978	22,165,303	569,557
1974	27,606,379	547,063	1979	13,262,431	575,935
1975	27,565,807	536,834	1980	12,887,571	577,572
1976	25,373,621	535,471	1981	14,752,985	565,447
1977	18,326,110	535,010	1982	10,455,784	86,349

FRIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		LOCAL	
				RECEIPTS	SHIPMENTS		RECEIPTS
TOTAL	10,455,784	7,069,651	4,792	1,022,524	254,043	16,177	89,597
0121 TOBACCO, LF&F	5	5					
0129 FIELD CROPS, NEC	1						
0131 FRESH FRUITS	84		84				
0132 BANANAS AND PLANTAINS	43		43				
0133 COFFEE	16		16				
0141 FRESH AND FROZEN VEGETABLES	3		3				
0151 LIVE ANIMALS	28		28				
0911 FRESH FISH, EXCEPT SHELLFISH	16,358		161			16,177	
0912 SHELLFISH, EXCEPT PREPARED	146		146				
1011 IRON ORE AND CONCENTRATES	310		310				
1121 COAL AND LIGNITE	133,231			133,231			
1311 CRUDE PETROLEUM	5,978,455	5,942,839		35,616			
1471 CLAY	14		14				
2014 TALLOW, ANIMAL FATS AND OILS	2		2				
2015 ANIMAL BY-PRODUCTS, NEC	6		6				
2031 FISH AND SHELLFISH, PREPARED	12		12				
2034 VEGETABLES AND PREP, NEC	17		17				
2039 PREP FRUIT AND VEG JUICE, NEC	30		34				
2042 ANIMAL FEEDS	256		256				
2081 ALCOHOLIC BEVERAGES	83		83				
2099 MISCELLANEOUS FOOD PRODUCTS	74		24				
2111 TOBACCO MANUFACTURES	1		1				
2211 FABRIC TEXTILE PRODUCTS	93		93				
2311 APPAREL	5		5				
2491 WOOD MANUFACTURES, NEC	127		127				
2511 FURNITURE AND FIXTURES	3		3				
2631 PAPER AND PAPERBOARD	216		216				
2691 PULP AND PAPER PRODUCTS, NEC	207		207				
2711 PRINTED MATTER	161		161				
2819 BASIC CHEMICALS AND PROD, NEC	36		36				
2821 PLASTIC MATERIALS	218		218				
2822 SYNTHETIC RUBBER	667		667				
2823 SYNTHETIC (MAN-MADE) FIBERS	5		5				
2831 DRUGS	1		1				
2841 SOAP	3		3				
2851 PAINTS	9		9				
2861 GUM AND WOOD CHEMICALS	300,154	300,153	1				
2871 NITROGENOUS CHEM FERTILIZERS	2,500		2,500				

NEW ENGLAND DIVISION

PORTLAND HARBOR, MAINE--CONTINUED
 FREIGHT TRAFFIC, 1982--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS		
2891 MISCELLANEOUS CHEMICAL PROD	93		93				
2911 GASOLINE	1,730,969	34,176		1,566,105	125,380		5,304
2912 JET FUEL	18,142			18,142			
2913 KEROSENE	118,699			98,201	18,243		2,215
2914 DISTILLATE FUEL OIL	1,207,664	98,972		1,010,719	106,197		35,776
2915 RESIDUAL FUEL OIL	837,127	868,974		118,404	3,815		45,930
2918 ASPHALT, TAR, AND PITCHES	58,518	24,887		33,631			
2991 PETROLEUM AND COAL PROD, NEC	8,843			8,475	368		
3011 RUBBER AND MISC PLASTIC PROD	124		124				
3111 LEATHER AND LEATHER PRODUCTS	2		2				
3211 GLASS AND GLASS PRODUCTS	21		21				
3251 STRUCTURAL CLAY PRODUCTS	41		41				
3291 MISC NONMETALLIC MINERAL PROD	37		37				
3310 IRON AND STEEL PLATES, SHEETS	4		4				
3317 IRON AND STEEL PIPE AND TUBE	54		54				
3321 NONFERROUS METALS, NEC	46		46				
3324 ALUMINUM AND ALLOYS, UNWORKED	39		39				
3411 FABRICATED METAL PRODUCTS	237		237				
3511 MACHINERY, EXCEPT ELECTRICAL	677	1	676				
3611 ELECTRICAL MACH AND EQUIP	183	50	133				
3711 MOTOR VEHICLES, PARTS, EQUIP	55		55				
3721 AIRCRAFT AND PARTS	3		3				
3731 SHIPS AND BOATS	12		12				
3791 MISC TRANSPORTATION EQUIPMENT	9		9				
3811 INSTR, TIME, PHOTO, OPT GOODS	38		38				
3911 MISC MANUFACTURER PRODUCTS	37		37				
4022 TEXTILE WASTE, SCRAP, SWEEP	223		223				
4112 COMMODITIES, NEC	371		7				364
TOTAL TON-MILES, 18,496,868.							

PORTSMOUTH HARBOR, N. H.

SECTION INCLUDES FROM MOUTH TO WENINGTON, N. H., ON THE WEST BANK OF THE PISCATAQUA RIVER. CONTROLLING DEPTH: 33.0 FEET IN THE 35-FOOT CHANNEL TO SIMPLEX DOCK; THENCE 30 FEET TO UPSTREAM LIMIT. PROJECT DEPTH: 35 FEET AT MEAN LOW WATER OVER LEDGES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	2,314,900		1978	3,395,303	102,584
1974	2,364,290		1979	3,519,926	100,568
1975	2,941,343		1980	2,743,741	51,160
1976	3,143,313	77,588	1981	3,022,214	191,800
1977	3,499,854	94,268	1982	2,267,043	

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS		
TOTAL	2,267,043	1,181,731	157,657	906,268	13,865	1,427	5,735
0121 TOBACCO, LEAF	1,775	1,775					
0131 FRESH FRUITS	573		573				
0911 FRESH FISH, EXCEPT SHELLFISH	1,829	2				1,827	
1091 NONFERROUS ORES, CONCENT, NEC	11,024	11,024					
1411 LIMESTONE	139,868	139,868					
1412 BUILDING STONE, UNWORKED	65		65				
1491 SALT	247,823	247,823					
2031 FISH AND SHELLFISH, PREPARED	51		51				
2039 PREP FRUIT AND VEG JUICE, NPC	210		210				
2081 ALCOHOLIC BEVERAGES	5,550		5,550				
2099 MISCELLANEOUS FOOD PRODUCTS	21		21				
2211 BASIC TEXTILE PRODUCTS	12		10				
2421 LUMBER	1,114	1,036	78				
2491 WOOD MANUFACTURES, NEC	36		36				
2511 FURNITURE AND FIXTURES	5		5				
2631 PAPER AND PAPERBOARD	683		683				
2691 PULP AND PAPER PRODUCTS, NEC	4		4				
2711 PRINTED MATTER	4		4				
2819 BASIC CHEMICALS AND PROD, NEC	36		36				
2821 PLASTIC MATERIALS	44		44				
2823 SYNTHETIC (MAN-MADE) FIBERS	6		6				
2841 SOAP	11		11				
2851 PAINTS	91		91				
2891 MISCELLANEOUS CHEMICAL PROD	6		6				
2911 GASOLINE	214,100			214,100			
2912 JET FUEL	80,769			78,350	6,419		
2913 KEROSENE	28,018			28,018			
2914 DISTILLATE FUEL OIL	540,578	98,972		428,419	7,446		5,735
2915 RESIDUAL FUEL OIL	643,943	566,378		117,404			
2918 ASPHALT, TAR, AND PITCHES	77,163	33,884		43,475			
2921 LIQUEFIED GASES	26,819	28,819					
3011 RUBBER AND MISC PLASTIC PROD	24	16	10				

Waterborne Commerce of the United States, 1982

PORTSMOUTH HARBOR, N. H.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS		
3111 LEATHER AND LEATHER PRODUCTS	733	400	333				
3211 GLASS AND GLASS PRODUCTS	1,435	1,435					
3315 IRON, STEEL SHAPES, EXC SHEETS	22	22					
3316 IRON AND STEEL PLATES, SHEETS	838	838					
3317 IRON AND STEEL PIPE AND TUBE	2	2					
3318 FERROALLOYS	1,988	1,988					
3319 IRON AND STEEL PRODUCTS, NPC	811	811					
3321 NONFERROUS METALS, NEC	3,783		3,783				
3322 COPPER ALLOYS, UNWORKED	148	148					
3324 ALUMINUM AND ALLOYS, UNWORKED	39	39					
3411 FABRICATED METAL PRODUCTS	910	688	42				
3511 MACHINERY, EXCEPT ELECTRICAL	147	68	38	41			
3611 ELECTRICAL MACH AND EQUIP	354	273	81				
3711 MOTOR VEHICLES, PARTS, EQUIP	42	42					
3911 MISC MANUFACTURED PRODUCTS	40	40					
4011 IRON AND STEEL SCRAP	151,427		151,427				
4012 NONFERROUS METAL SCRAP	252		252				
4112 COMMODITIES, NEC	6	6					
TOTAL TON-MILES	8,450,310						

SALEM HARBOR, MASS.

SECTION INCLUDED: WESTERLY SHORE OF HARBOR INCLUDING SOUTH RIVER, CONTROLLING DEPTH: 30 FEET AT MEAN LOW WATER IN THE 32-FOOT CHANNEL, 4 FEET IN THE 8-FOOT CHANNEL AND BASIN, AND 8 FEET IN THE 10-FOOT CHANNEL. PROJECT DEPTH: MAIN CHANNEL 32 FEET AT MEAN LOW WATER; SOUTH RIVER CHANNEL ABOUT 0.5 MILE LONG AND 10 FEET DEEP FROM THIS DEPTH IN THE HARBOR TO ABOUT OPPOSITE THE OUTER END OF DERRY WHARF, THENCE TO 8 FEET AND THEN 6 FEET DEEP, ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	1,800,180	60,608	1978	1,887,230	
1974	2,030,773	46,774	1979	1,988,298	4,690
1975	1,936,086	11,668	1980	1,558,764	2,108
1976	1,651,062	19,468	1981	1,228,280	37,982
1977	1,448,636	6,982	1982	929,018	

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		IMPORTS	EXPORTS	COASTWISE	
				RECEIPTS	SHIPMENTS
TOTAL	929,018	522,461	397,078	13,883	
1121 COAL AND LIGNITE	11,600				11,600
2013 KEROSENE	1,883				1,883
2914 DISTILLATE FUEL OIL	164,213	18,020		146,193	
2915 RESIDUAL FUEL OIL	752,190	504,441		247,749	
2991 PETROLEUM AND COAL PROD, NEC	132			132	
TOTAL TON-MILES	1,850,036				

PORT OF BOSTON, MASS.

SECTION INCLUDED: BOSTON HARBOR, INCLUDING ALL THE TIDEWATER LYING WITHIN A LINE FROM POINT ALLERTON TO POINT SMIRLEY, AND EXTENDING WESTWARD TO THE MAINLAND, COMPRISING AN AREA OF APPROXIMATELY 47 SQUARE MILES. CONTROLLING DEPTH: MAIN SHIP CHANNEL TO COMMONWEALTH PIER NO. 1, 30.7 FEET. OTHER CHANNELS RANGE FROM 15 TO 40 FEET. PRESIDENT ROADS ANCHORAGE, 35 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 15 TO 40 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	27,056,868	407,134	1978	26,073,590	238,499
1974	25,728,945	476,353	1979	26,362,672	260,464
1975	24,719,452	546,603	1980	22,033,922	113,235
1976	26,172,842	728,477	1981	20,306,490	365,117
1977	25,975,275	628,921	1982	17,593,677	303,483

NEW ENGLAND DIVISION

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PORT OF BOSTON, MASS.--CONTINUED

FREIGHT TRAFFIC, 1942

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	
TOTAL	17,593,627	4,740,215	497,916	11,124,562	802,540	7,737	420,817
0105 RICE	11						
0106 SORGHUM GRAINS	87			11			
0119 OILSEEDS, NEC	4						
0121 TOBACCO, LEAF	5,937	5,937					
0122 HAY AND FODDER	6						
0129 FIELD CROPS, NEC	3						
0131 FRESH FRUITS	1,790		1,737				
0133 COFFEE	1,329	1,329					
0141 FRESH AND FROZEN VEGETABLES	191	134	53				
0161 ANIMALS AND PRODUCTS, NEC	6,002	5,500	442				
0191 MISCELLANEOUS FARM PRODUCTS	234	222	12				
0841 CRUDE RUBBER AND ALIEN GUMS	6,921	6,898	23				
0861 FOREST PRODUCTS, NEC	430	579	251				
0911 FRESH FISH, EXCEPT SHELLFISH	50,650	40,971	1,942			7,737	
0912 SHELLFISH, EXCEPT PREPARED	1,969	1,328	625	16			
1011 IRON ORE AND CONCENTRATES	67		67				
1012 ALUMINUM ORES, CONCENTRATES	378	102	276				
1091 FERROUS ORES, CONCENT, NFF	42		42				
1121 COAL AND LIGNITE	1		1				
1411 LIMESTONE	142,308	142,306	2				
1442 SAND, GRAVEL, CRUSHED ROCK	495	300	395				
1451 CLAY	1,180	1,062	118				
1471 PHOSPHATE ROCK	147		147				
1491 SALT	293	184	99				
1492 SULPHUR, DRY	17		17				
1499 NONMETALLIC MINERALS, NEC	2,029	1,423	426	140			
1911 ORDINANCE AND ACCESSORIES	30	30	5				
2011 MEAT, FRESH, CHILLED, FROZEN	8,170	7,906	242	22			
2012 MEAT AND PRODUCTS, NEC	1,802	1,501	67	238			
2014 TALLOW, ANIMAL FATS AND OILS	31,528		31,528				
2015 ANIMAL BY-PRODUCTS, NEC	5,360	4,288	806	194			
2021 DAIRY PRODUCTS, NEC	1,024	992		32			
2022 DRIED MILK AND CREAM	23	23					
2031 FISH AND SHELLFISH, PREPARED	8,000	4,124	2,876				
2032 VEGETABLES AND PREP, NEC	4,175	3,554	129	494			
2039 PREP FRUIT AND VEG JUICE, NEC	8,051	5,386	1,847	858			
2042 ANIMAL FEEDS	515	332	143				
2049 GRAIN MILL PRODUCTS, NEC	1,295	1,140	73	43			
2061 SUGAR	414,442	374,877		39,565			
2062 MOLASSES	13,378	4,673	7	4,898			
2081 ALCOHOLIC BEVERAGES	40,910	64,906	547	14,417			
2091 VEGETABLE OILS, MARG, SHORT	9,946	2,543	45	7,358			
2092 ANIMAL OILS AND FATS, NEC	51	51					
2099 MISCELLANEOUS FOOD PRODUCTS	5,652	5,004	549	10			
2111 TOBACCO MANUFACTURES	14	10	4				
2211 BASIC TEXTILE PRODUCTS	7,284	3,418	3,710	154			
2212 TEXTILE FINERS, NEC	253	93	8	152			
2311 APPAREL	711	557	154				
2411 LOGS	743		743				
2413 FUEL WOOD, CHARCOAL, WASTES	17		17				
2421 LUMBER	42,729	24,976	13,753				
2431 VENEER, PLYWOOD, WORKED WOOD	3,228	3,134	86				
2491 WOOD MANUFACTURES, NEC	960	800	42				
2511 FURNITURE AND FIXTURES	8,179	7,304	790	34			
2611 PULP	1,328	23	1,305				
2631 PAPER AND PAPERBOARD	25,687	5,800	20,247				
2691 PULP AND PAPER PRODUCTS, NFF	3,272	1,759	1,513				
2711 PRINTED MATTER	1,883	1,077	806				
2810 SODIUM HYDROXIDE	4,014		4,014				
2811 CRUDE TAR, OIL, GAS PRODUCTS	1,797		7	1,044	746		
2812 DYES, PIGMENT, TANNING MATS	364		363	1			
2813 ALCOHOLS	9		9				
2816 RADIOACTIVE MATERIALS, WASTES	1		1				
2819 BASIC CHEMICALS AND PROD, NEC	18,591	11,534	7,053				
2821 PLASTIC MATERIALS	15,344	4,424	6,916				
2822 SYNTHETIC RUBBER	1,838		1,838				
2823 SYNTHETIC (MAN-MADE) FIBERS	5,451	5,353	98				
2831 DRUGS	145	79	66				
2841 SOAP	6,635	1,077	5,548	10			
2851 PAINTS	5,339	4,287	1,052				
2861 GUM AND WOOD CHEMICALS	179	154	21				
2871 NITROGENOUS CHEM FERTILIZERS	663	663					
2873 PHOSPHATIC CHEM FERTILIZERS	43	43					
2876 INSECTICIDES, DISINFECTANTS	407	47	320				
2879 FERTILIZER AND MATERIALS, NFF	5	5					
2891 MISCELLANEOUS CHEMICAL PROD	6,166	3,585	2,541				
2911 GASOLINE	5,634,181	492,249	317	4,149,224	242,041		64,324
2912 JET FUEL	915,378			857,187	49,199		8,988
2913 KEROSENE	107,369			71,464	32,273		3,628
2914 DISTILLATE FUEL OIL	4,322,521	507,943		3,147,444	304,595		322,323
2915 RESIDUAL FUEL OIL	3,450,727	1,622,010		1,794,124	191,126		21,467
2916 LUBRICATING OILS AND GREASES	50,471	1,452	1,122	47,497			
2917 NAPHTHA, PETROLEUM SOLVENTS	13,166			10,704	2,462		
2918 ASPHALT, TAR, AND BITCHES	263,264			249,957	2,299		
2920 COKE, PETROLEUM COME	4						
2921 LIQUEFIED GASES	771,794	770,403	891				
2951 ASPHALT BUILDING MATERIALS	61		22	30			
2991 PETROLEUM AND COAL PROD, NFF	196,018	1	26	164,672	27,319		
5011 RUBBER AND MISC PLASTIC PROD	5,905	3,785	2,014	42			
5111 LEATHER AND LEATHER PRODUCTS	22,438	11,494	11,431	13			
3211 GLASS AND GLASS PRODUCTS	8,154	5,054	1,100				
3241 BUILDING CEMENT	246,493			246,493			

Waterborne Commerce of the United States, 1982

PORT OF BOSTON, MASS.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE		LOCAL
				RECEIPTS	SHIPMENTS	
3251 STRUCTURAL CLAY PRODUCTS	4,800	4,787	103			
3271 LIME	77	77				
3281 CUT STONE AND STONE PRODUCTS	794	794				
3291 MISC NONMETALLIC MINERAL PROD	2,264	1,134	1,122	4		
3315 IRON, STEEL SHAPES, EXC SHEET	4,843	4,777	46			
3316 IRON AND STEEL PLATES, SHEETS	1,449	860	589			
3317 IRON AND STEEL PIPE AND TUBE	935	896	39			
3318 FERROALLOYS	13	13				
3319 IRON AND STEEL PRODUCTS, NEC	3,302	1,531	217	1,634		
3321 NONFERROUS METALS, NEC	1,108	674	409	25		
3322 COPPER ALLOYS, UNWORKED	4,968	4,519	180	269		
3323 LEAD AND ZINC, UNWORKED	224	105	119			
3324 ALUMINUM AND ALLOYS, UNWORKED	2,791	2,565	228			
3411 FABRICATED METAL PRODUCTS	19,273	19,962	4,502	309	500	
3511 MACHINERY, EXCEPT ELECTRICAL	20,809	13,440	7,192	177		
3611 ELECTRICAL MACH AND EQUIP	10,083	4,162	5,914	7		
3711 MOTOR VEHICLES, PARTS, EQUIP	77,239	76,784	180	315		
3721 AIRCRAFT AND PARTS	152	11	141			
3731 SHIPS AND BOATS	1,335	1,091	244			
3791 MISC TRANSPORTATION EQUIPMENT	100	96	4			
3811 INSTR, TIME, PHOTO, OPT GOODS	7,022	1,493	5,529			
3911 MISC MANUFACTURED PRODUCTS	8,916	6,339	2,575	2		
4011 IRON AND STEEL SCRAP	309,393	1	309,392			
4012 NONFERROUS METAL SCRAP	4,337	279	4,058			
4022 TEXTILE WASTE, SCRAP, SHEEP	3,621	128	3,493			
4024 PAPER WASTE AND SCRAP	19,494	1,013	18,481			
4112 COMMODITIES, NEC	50,357	1,676	804	47,794		
9999 DEPARTMENT OF DEFENSE AND SCI	2		2			

MAIN WATERFRONT (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM A POINT IN PRESIDENT ROADS BETWEEN DEER ISLAND AND LONG ISLAND TO THE MOUTH OF FT. POINT CHANNEL, CHARLES RIVER, LITTLE MYSTIC RIVER, MYSTIC RIVER, AND CHELSEA RIVER, CONTROLLING DEPTH: 38 FEET IN 40-FOOT CHANNEL TO MYSTIC PIEN NO. 11 33.6 FEET IN THE 35-FOOT AREA AND 34 FEET IN THE 40-FOOT EXTENSION TO PRESIDENT ROADS ANCHORAGE; 37 FEET IN THE 40-FOOT ANCHORAGE, ALL AT MEAN LOW WATER. PROJECT DEPTH: 35 AND 40 FEET FROM PRESIDENT ROADS TO THE MOUTH OF FT. POINT CHANNELS, CHARLES RIVER, LITTLE MYSTIC RIVER, AND CHELSEA RIVER; 40 FEET IN PRESIDENT ROADS ANCHORAGE AND ANCHORAGE EXTENSIONS; 35 FEET FROM MOUTH OF RESERVED CHANNEL TO L STREET BRIDGE. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973	9,855,863	392,954	15,312,702	1978	10,195,640	236,249	14,246,347
1974	9,031,173	473,095	14,786,972	1979	10,344,597	258,214	14,558,606
1975	7,989,654	543,891	14,829,280	1980	7,413,905	113,235	13,264,774
1976	9,387,214	721,227	15,231,563	1981	5,694,053	360,637	13,287,868
1977	9,152,231	626,671	14,690,284	1982	3,827,030	393,483	12,384,487

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE		LOCAL
				RECEIPTS	SHIPMENTS	
TOTAL	3,827,030	1,220,254	182,979	2,056,712	126,141	7,737
0105 RICE	11			11		
0106 SOYBEAN GRAINS	47		47			
0119 OILSEEDS, NEC	4	2				
0121 TOBACCO, LEAF	5,919	5,919				
0122 HAY AND FODDER	8			8		
0129 FIELD CROPS, NEC	3	3				
0131 FRESH FRUITS	1,799	62	1,737			
0133 COFFEE	1,329	1,329				
0141 FRESH AND FROZEN VEGETABLES	191	138	53			
0161 ANIMALS AND PRODUCTS, NEC	5,498	5,498	413			
0191 MISCELLANEOUS FARM PRODUCTS	234	222	12			
0841 CRUDE RUBBER AND ALLIED GUMS	6,770	6,747	23			
0861 FOREST PRODUCTS, NEC	828	579	249			
0911 FRESH FISH, EXCEPT SHELLFISH	15,214	5,648	1,833		7,737	
0912 SHELLFISH, EXCEPT PREPARED	507	416	195	16		
1011 IRON ORE AND CONCENTRATES	67		67			
1051 ALUMINUM ORES, CONCENTRATES	378	102	276			
1091 NONFERROUS ORES, CONCENT, NEC	42		42			
1121 COAL AND LIGNITE	1	1				
1411 LIMESTONE	13,412	13,410	2			
1442 SAND, GRAVEL, CRUSHED ROCK	695	300	395			
1451 CLAY	1,179	1,062	117			
1471 PHOSPHATE ROCK	147		147			
1491 SALT	100	1	99			
1492 SULPHUR, DRY	17		17			
1499 NONMETALLIC MINERALS, NEC	2,012	1,416	416	180		
1911 ORNANCE AND ACCESSORIES	34	34				

NEW ENGLAND DIVISION

MAIN WATERFRONT (INCLUDED IN PORT OF BOSTON)--CONTINUED

FREIGHT TRAFFIC, 1962--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS		
2011 MEAT, FRESH, CHILLED, FROZEN	8,150	7,906	222	27			
2012 MEAT AND PRODUCTS, NEC	1,802	1,501	67	234			
2014 TALLOW, ANIMAL FATS AND OILS	31,520		31,520				
2015 ANIMAL BY-PRODUCTS, NEC	5,331	4,280	857	194			
2021 DAIRY PRODUCTS, NEC	1,024			32			
2022 DRIED MILK AND CREAM	25	23					
2031 FISH AND SHELLFISH, PREPARED	4,671	3,667	1,209				
2034 VEGETABLES AND PROPS, NEC	4,150	3,584	110	456			
2039 OTHER FRUIT AND VEG JUICE, NEC	7,910	5,366	1,706	858			
2042 ANIMAL FEEDS	511	332	179				
2049 GRAIN MILL PRODUCTS, NEC	1,241	1,105	73	63			
2061 SUGAR	74,473	74,473					
2062 MOLASSES	13,374	4,473	7	4,494			
20A1 ALCOHOLIC BEVERAGES	80,694	64,712	569	14,417			
2091 VEGETABLE OILS, MARG, SHORT	2,551	2,506	45				
2092 ANIMAL OILS AND FATS, NEC	24	24					
2099 MISCELLANEOUS FOOD PRODUCTS	5,445	5,044	542	19			
2111 TOBACCO MANUFACTURES	14	10	4				
2211 BASIC TEXTILE PRODUCTS	7,170	3,416	3,594	156			
2212 TEXTILE FINERS, NEC	253	93	8	152			
2311 APPAREL	710	554	150				
2411 LOGS	740		740				
2413 FUEL WOOD, CHARCOAL, WASTE	17		17				
2471 LUMBER	42,160	24,976	13,184				
2481 VENEER, PLYWOOD, WORKED WOOD	3,224	3,134	86				
2491 WOOD MANUFACTURES, NEC	926	539	379				
2511 FURNITURE AND FIXTURES	4,033	7,212	745	36			
2611 PULP	1,319	14	1,301				
2631 PAPER AND PAPERBOARD	25,014	5,400	19,614				
2691 PULP AND PAPER PRODUCTS, NEC	3,211	1,712	1,499				
2711 PRINTED MATTER	1,465	1,074	701				
2811 CRUDE TAR, OIL, GAS PRODUCTS	7		7				
2812 DYES, PIGMENT, TANNING MATS	346		345	1			
2813 ALCOHOLS	4		4				
2814 RADIOACTIVE MATERIALS, WASTE	1		1				
2819 BASIC CHEMICALS AND PROD, NEC	13,156	6,360	6,796				
2821 PLASTIC MATERIALS	15,053	9,327	6,726				
2822 SYNTHETIC RUBBER	1,783		1,783				
2823 SYNTHETIC (MAN-MADE) FIBERS	5,429	5,331	98				
2831 DRUGS	145	79	66				
2841 SOAP	6,581	1,077	5,504	10			
2851 PAINTS	5,263	4,253	1,010				
2861 GUM AND WOOD CHEMICALS	179	154	21				
2871 NITROGENOUS CHEM FERTILIZERS	663	663					
2873 PHOSPHATIC CHEM FERTILIZERS	43	43					
2876 INSECTICIDES, DISINFECTANTS	407	87	320				
2879 FERTILIZER AND MATERIALS, NEC	4		4				
2891 MISCELLANEOUS CHEMICAL PROD	6,049	3,585	2,464				
2911 GASOLINE	506,517	82,880	317	347,937	31,492		43,091
2912 JET FUEL	43,172			36,581	6,152		2,439
2914 DISTILLATE FUEL OIL	1,153,751	70,814		845,547	52,057		176,193
2915 RESIDUAL FUEL OIL	1,318,836	523,402		744,407	37,940		10,597
2916 LUBRICATING OILS AND GREASES	2,960	71	1,093	1,796			
2914 ASPHALT, TAR, AND BITUMENS	12		12				
2920 COKE, PETROLIUM COKE	4		4				
2921 LIQUEFIED GASES	63,560	62,649	911				
2951 ASPHALT BITULTING MATERIALS	41		22				
2991 PETROLIUM AND COAL PROD, NEC	4,884	1	22	4,841			
3011 RUBBER AND MISC PLASTIC PROD	5,770	3,735	1,933	82			
3111 LEATHER AND LEATHER PRODUCTS	22,494	11,440	11,395	13			
3211 GLASS AND GLASS PRODUCTS	4,132	4,050	1,074				
3251 STRUCTURAL CLAY PRODUCTS	4,884	4,785	103				
3271 LIME	77		77				
3281 CUT STONE AND STONE PRODUCTS	794	794					
3291 MISC NONMETALLIC MINERAL PROD	2,028	960	1,068	4			
3315 IRON, STEEL SHAPES, EXC SHEET	4,443	4,777	46				
3316 IRON AND STEEL PLATES, SHEETS	1,449	860	589				
3317 IRON AND STEEL PIPE AND TUBE	926	487	39				
3318 FERROALLOYS	13	13					
3319 IRON AND STEEL PRODUCTS, NEC	3,341	1,531	216	1,634			
3321 NONFERROUS METALS, NEC	1,099	667	407	25			
3322 COPPER ALLOYS, UNWORKED	4,964	4,514	140	249			
3323 LEAD AND ZINC, UNWORKED	224	105	119				
3324 ALUMINUM AND ALLOYS, UNWORKED	2,764	2,543	229				
3411 FABRICATED METAL PRODUCTS	18,794	13,914	4,367	5	500		
3511 MACHINERY, EXCEPT ELECTRICAL	20,440	13,316	7,047	77			
3611 ELECTRICAL MACH AND EQUIP	9,872	4,152	5,713	7			
3711 MOTOR VEHICLES, PARTS, EQUIP	76,567	74,044	154	315			
3721 AIRCRAFT AND PARTS	152	11	141				
3731 SHIPS AND BOATS	1,330	1,091	219				
3791 MISC TRANSPORTATION EQUIPMENT	100	96	4				
3811 INSTR, TIME, PHOTO, OPT GOODS	6,798	1,474	5,320				
3911 MISC MANUFACTURED PRODUCTS	4,763	6,259	2,502	2			
4011 IRON AND STEEL SCRAP	1,091	1	1,090				
4012 NONFERROUS METAL SCRAP	4,248	270	3,978				
4022 TEXTILE WASTE, SCRAP, SWEEP	3,590	104	3,486				
4024 PAPER WASTE AND SCRAP	14,664	945	17,723				
4112 COMMODITIES, NEC	50,333	1,672	74	47,794			83
9999 DEPARTMENT OF REVENUE AND SEC	2		2				
TOTAL TON-MILES,	80,446,744.						

Waterborne Commerce of the United States, 1982

CHELSEA RIVER, MASS. (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM MOUTH TO ABOUT 2.6 MILES UPSTREAM, CONTROLLING DEPTH: FROM MCARDLE BRIDGE TO CHELSEA ST. BRIDGE 33.0 FEET; FROM CHELSEA ST. BRIDGE TO TURNING BASIN 32 FEET. PROJECT DEPTH: 35 FEET AT MEAN LOW WATER FROM THE MOUTH OF THE RIVER TO A POINT OPPOSITE THE MARVAL OIL COMPANY TERMINAL.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	8,017,097		1978	7,635,786	
1974	8,104,560		1979	7,895,531	
1975	8,405,238		1980	7,203,802	
1976	7,844,795		1981	7,513,060	
1977	7,335,910		1982	7,836,898	

FREIGHT TRAFFIC, 1982
(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL	7,836,898	1,704,603	2,543	5,670,750	145,830	223,132
0041 CRUDE RUBBER AND ALLIED GUMS	39		39			
0041 FOREST PRODUCTS, NEC	2			2		
0911 FRESH FISH, EXCEPT SHELLFISH	19		19			
1411 LIMESTONE	120,896		120,896			
1451 CLAY	1		1			
1499 NONMETALLIC MINERALS, NEC	7		7			
2015 ANIMAL BY-PRODUCTS, NEC	29		29			
2031 FISH AND SHELLFISH, PREPARED	16		16			
2034 VEGETABLES AND FRUIT, NEC	19		19			
2039 PREP FRUIT AND VEG JUICE, NEC	70		70			
2061 SUGAR	295,320		283,935		11,385	
2099 MISCELLANEOUS FOOD PRODUCTS	2			2		
2211 BASIC TEXTILE PRODUCTS	107		107			
2311 APPAREL	1		1			
2411 LOGS	43		43			
2421 LUMBER	224		224			
2491 WOOD MANUFACTURES, NEC	27		26			
2511 FURNITURE AND FIXTURES	14		14			
2611 PULP	4		4			
2631 PAPER AND PAPERBOARD	304		304			
2691 PULP AND PAPER PRODUCTS, NEC	4		4			
2711 PRINTED MATTER	1		1			
2812 DYES, PIGMENT, TANNING MATS	3		3			
2819 BASIC CHEMICALS AND PROD, NEC	165		165			
2821 PLASTIC MATERIAL	119		119			
2822 SYNTHETIC RUBBER	14		14			
2841 SOAP	27		27			
2891 PAINTS	37		21		16	
2891 MISCELLANEOUS CHEMICAL PROD	35		35			
2911 GASOLINE	3,578,259		588,580		2,882,681	56,751
2912 DIESEL FUEL	635,661				615,417	12,273
2913 KEROSENE	40,721				37,093	3,628
2914 DISTILLATE FUEL OIL	2,047,040		428,029		1,401,517	64,004
2915 RESIDUAL FUEL OIL	1,031,564		364,272		646,722	10,302
2916 LUBRICATING OILS AND GREASES	46,130		29		46,101	
2991 PETROLEUM AND COAL PROD, NEC	31,854		4		31,854	
3011 RUBBER AND MISC PLASTIC PROD	37		13		24	
3111 LEATHER AND LEATHER PRODUCTS	12		12			
3211 GLASS AND GLASS PRODUCTS	4		4			
3301 MISC NONMETALLIC MINERAL PROD	232		175		57	
3321 NONFERROUS METALS, NEC	1		1			
3411 FABRICATED METAL PRODUCTS	33		33			
3511 MACHINERY, EXCEPT ELECTRICAL	43		43			
3611 ELECTRICAL MACH AND EQUIP	65		65			
3711 MOTOR VEHICLES, PARTS, EQUIP	630		630			
3731 SHIPS AND BOATS	3		3			
3811 INSTR, TIME, PHOTO, OPT GOODS	82		82			
3911 MISC MANUFACTURED PRODUCTS	43		43			
4011 NONFERROUS METAL SCRAP	80		80			
4090 PAPER WASTE AND SCRAP	754		754			
4112 COMMODITIES, NEC	18		18			
TOTAL TON-MILES:	19,487,000					

MYSTIC RIVER, MASS. (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM MOUTH OF RIVER TO CRADDOCK BRIDGE, MEDFORD, MASS, CONTROLLING DEPTH: FROM MYSTIC BRIDGE TO ESSO DOCK 35 FEET; FROM ESSO DOCK TO AMERICAN SUGAR REFINERY DOCK 34 FEET; FROM AMERICAN SUGAR REFINERY DOCK TO UPSTREAM LIMIT OF 35 FT. CHANNEL, 27 FEET; 13 FEET IN 28-FOOT CHANNEL; 6 FEET IN 6-FOOT CHANNEL; 4 FEET IN A FOOT CHANNEL RUIT NARROWED IN WIDTH. PROJECT DEPTH: CHANNEL 35 FEET DEEP EXTENDING FROM THE UPPER LIMIT IN 35-FOOT CHANNEL OF BOSTON HARBOR TO 100 FEET DOWNSTREAM OF WALDEN BRIDGE BRANCH CHANNELS RANGE FROM 4 TO 26 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973	7,895,722	462	87,849	1978	7,250,365		84,540
1974	7,521,836	714	119,106	1979	7,478,569		70,825
1975	7,407,513	176	77,159	1980	6,809,595		60,000
1976	8,138,842	248	43,792	1981	6,325,473		
1977	8,052,200		67,200	1982	6,967,335		

NEW ENGLAND DIVISION

MYSTIC RIVER, MASS. (INCLUDED IN PORT OF BOSTON)--CONTINUED

FREIGHT TRAFFIC, 1942

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	TRANSIT		
				RECEIPTS	SHIPMENTS	
TOTAL	4,967,335	1,641,516	312,354	2,349,373	510,151	153,941
0121 TOBACCO, LEAF	1A					
0161 ANIMAL AND PRODUCTS, NEC	100	75	20			
0841 CRUDE RUBBER AND ALLIED GUMS	112	112				
0911 FRESH FISH, EXCEPT SHELLFISH	35,413	35,423	90			
0912 SHELLFISH, EXCEPT SHELLFISH	1,392	912	470			
1491 SALT	163	163				
1499 NONMETALLIC MINERALS, NEC	10		10			
1911 ORDNANCE AND ACCESSORIES	1		1			
2011 MEAT, FRESH, CHILLED, FROZEN	20		20			
2031 FISH AND SHELLFISH, PREPARED	3,313	1,662	1,651			
2039 PREP FRUIT AND VEG JUICE, NEC	62		62			
2042 ANIMAL FEEDS	4		4			
2049 GRAIN MILL PRODUCTS, NEC	48	48				
2061 SUGAR	48,249	16,069		28,180		
2081 ALCOHOLIC BEVERAGES	212	194	1A			
2091 VEGETABLE OILS, MARG, SHORT	37	37				
2092 ANIMAL OILS AND FATS, NEC	27	27				
2099 MISCELLANEOUS FOOD PRODUCTS	5		5			
3211 BASIC TEXTILE PRODUCTS	7	2				
3221 LUMBER	341		341			
3491 WOOD MANUFACTURES, NEC	7		7			
3511 FURNITURE AND FIXTURES	124	124				
3611 PULP	5	5				
3631 PAPER AND PAPERBOARD	365		365			
3691 PULP AND PAPER PRODUCTS, NEC	57	47	10			
3711 PRINTED MATTER	17	3	14			
3811 CRUDE TAR, OIL, GAS PRODUCTS	1,700			1,044	746	
3812 DYES, PIGMENT, TANNING MATS	15		15			
3813 ALCOHOLS	1		1			
3819 BASIC CHEMICALS AND PROD, NEC	5,270	5,178	92			
3821 PLASTIC MATERIALS	172	101	71			
3822 SYNTHETIC RUBBER	41		41			
3823 SYNTHETIC (MAN-MADE) FIBERS	22	22				
3841 SOAP	27		27			
3851 PAINTS	39	13	26			
3879 FERTILIZER AND MATERIALS, NEC	1		1			
3891 MISCELLANEOUS CHEMICAL PROD	82		82			
3911 GASOLINE	1,001,710	136,951		672,410	191,949	
3912 JET FUEL	244,685			207,149	32,774	4,722
3913 KEROSENE	57,989			23,516	32,273	2,198
3914 DISTILLATE FUEL OIL	411,685			499,816	167,945	143,924
3915 RESIDUAL FUEL OIL	1,014,128	734,336		224,311	52,384	3,097
3916 LUBRICATING OILS AND GREASES	1,381	1,381				
3917 NAPHTHA, PETROLEUM SOLVENTS	13,166			10,704	2,462	
3918 ASPHALT, TAR, AND BITUMENS	263,256			260,957	2,299	
3921 LIQUEFIED GASES	708,214	708,214				
3991 PETROLEUM AND COAL PROD, NEC	150,170			131,451	27,319	
3911 RUBBER AND MISC PLASTIC PROD	9A	37	61			
3111 LEATHER AND LEATHER PRODUCTS	24	4	24			
3211 GLASS AND GLASS PRODUCTS	22		22			
3241 BUILDING CEMENT	288,993			288,993		
3251 STRUCTURAL CLAY PRODUCTS	2	2				
3291 MISC NONMETALLIC MINERAL PROD	4	3	1			
3317 IRON AND STEEL PIPE AND TUBE	9	9				
3319 IRON AND STEEL PRODUCTS, NEC	1		1			
3321 NONFERROUS METALS, NEC	A	7	1			
3324 ALUMINUM AND ALLOYS, UNWORKED	23	20	3			
3411 FABRICATED METAL PRODUCTS	96	44	52			
3511 MACHINERY, EXCEPT ELECTRICAL	226	124	102			
3611 ELECTRICAL MACH AND EQUIP	146	10	136			
3711 MOTOR VEHICLES, PARTS, EQUIP	42	20	22			
3731 SHIPS AND BOATS	2		2			
3811 INSTR, TIME, PHOTO, OPT GOODS	142	15	127			
3911 MISC MANUFACTURED PRODUCTS	110	40	70			
4011 IRON AND STEEL SCRAP	304,302		304,302			
4012 NONFERROUS METAL SCRAP	9	9				
4022 TEXTILE WASTE, SCRAP, SWEEP	31	22	9			
4024 PAPER WASTE AND SCRAP	6A	68				
4112 COMMODITIES, NEC	6	4	2			
TOTAL TON-MILES	4,967,335					

WYOMOUTH FORE RIVER, MASS. (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM MOUTH TO HEAD OF NAVIGATION, CONTROLLING DEPTH: 35 FEET IN THE 35-FOOT CHANNEL EXCEPT 30 FEET AT RIMON OPPOSITE KING COVE. PROJECT DEPTH: 35 FEET FROM DEEP WATER IN BOSTON HARBOR VIA NANTUCKET CUT AND WINGHAM BAY TO A POINT ABOUT 2,500 FEET ABOVE FORE RIVER BRIDGE 27 FEET IN CHANNEL BETWEEN HUT AND PEDDERS ISLANDS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973	1,262,510	84,087	547,532	1978	1,418,530	7,504	459,182
1974	1,207,811	136,532	650,942	1979	1,191,895	2,711	335,232
1975	1,333,516	152,503	591,197	1980	1,054,736	346	529,097
1976	1,202,391	144,250	598,119	1981	1,140,066	44,573	367,306
1977	1,741,504	154,274	482,357	1982	1,007,783	533	303,782

Waterborne Commerce of the United States, 1982

WYMOUTH FORE RIVER, MASS. (INCLUDED IN PORT OF BOSTON)--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC			LOCAL
		COASTWISE			
		IMPORTS	RECEIPTS	SHIPMENTS	
TOTAL	1,007,783	87,838	809,532	20,458	93,955
2091 VEGETABLE OILS, MARG, SHORT	7,378		7,378		
2810 SODIUM HYDROXIDE	4,014		4,014		
2911 GASOLINE	612,153	87,838	495,818	1,809	30,628
2914 DISTILLATE FUEL OIL	328,764		246,844	18,489	63,327
2915 RESIDUAL FUEL OIL	55,074		55,074		
3411 FABRICATED METAL PRODUCTS	300		300		
3511 MACHINERY, EXCEPT ELECTRICAL	100		100		
TOTAL TON-MILES	10,194,046				

TOWN RIVER, MASS. (INCLUDED IN PORT OF BOSTON)

SECTION INCLUDED: FROM CONFLUENCE WITH WYMOUTH FORE RIVER, FOR ABOUT 1.5 MILES TO HEAD OF NAVIGATION. CONTROLLING DEPTH: 34 FEET IN THE 35 FOOT CHANNEL; TO THE DOWNSTREAM END OF BAKER'S BASIN LIMIT; AND 34 FEET IN THE 35 FOOT TURNING BASIN. PROJECT DEPTH: 35 FEET AT MEAN LOW WATER FROM WYMOUTH 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

YEAR	TONS	YEAR	TONS
1973	547,532	1978	459,182
1974	650,982	1979	338,938
1975	591,180	1980	535,847
1976	601,507	1981	367,206
1977	682,351	1982	303,752

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL	303,752	237,095	65,757	
2913 KEROSENE	10,857	10,857		
2914 DISTILLATE FUEL OIL	250,649	193,892	65,757	
2915 RESIDUAL FUEL OIL	33,120	33,120		
2991 PETROLEUM AND COAL PROD, NEC	176	176		
TOTAL TON-MILES	303,752			

CAPE COD CANAL, MASS.

SECTION INCLUDED: ENTIRE LENGTH 17.5 MILES; EXTENDING FROM THE OUTER END OF THE NORTHERLY BREAKWATER IN CAPE COD BAY TO A POINT IN BUZZARDS BAY ABOUT 5 MILES SOUTHWEST OF WINGS NECK LIGHT. CONTROLLING DEPTH: 32 FEET IN THE LAND CUT; 32 FEET IN HORRISLAND CHANNEL; 32 FEET IN CLEVELAND LEDGE CHANNEL, BRANCH CHANNEL 15 FEET. EAST BAY BASIN: 8 FEET IN THE 8 FOOT SECTION, 12 FEET IN THE 13 FOOT SECTION. PROJECT CHANNEL DEPTH: 32 FEET AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	13,651,555	26,433	1978	12,226,618	1,435
1974	13,193,812	24,530	1979	11,247,610	497
1975	11,885,227	25,324	1980	13,459,492	19,608
1976	13,016,499	7,868	1981	12,435,740	10,637
1977	11,281,127	8,711	1982	15,244,821	

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
TOTAL	15,244,821	2,321,949	3,219,766	8,448,748	1,354,358
0105 RICE	11			11	
0122 HAY AND FORAGE	8			8	
0911 FRESH FISH, EXCEPT SHELLFISH	15,345		15,345		
0912 SHELLFISH, EXCEPT PREPARED	16			16	
1121 COAL AND LIGNITE	549,168	85,295		449,812	18,061
1499 NONMETALLIC MINERALS, NEC	396,378		396,378		
2011 MEAT, FRESH, CHILLED, FROZEN	577	500		22	
2012 MEAT AND PRODUCTS, NEC	234			234	
2914 TALLOW, ANIMAL FATS AND OILS	6,750	4,250	3,500		

NEW ENGLAND DIVISION

CAPE COD CANAL, MASS.--CONTINUED
 FREIGHT TRAFFIC, 1962--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		FASTLOAD	#FASTLOAD	FASTLOAD	#FASTLOAD
2015 ANIMAL BY-PRODUCTS, NEC	194			194	
2021 DAIRY PRODUCTS, NEC	32			32	
2031 FISH AND SHELLFISH, PREPARED	7,437		7,437		
2034 VEGETABLES AND PREP, NEC	488			488	
2039 PREP FRUIT AND VEG JUICE, NEC	858			858	
2049 GRAIN MILL PRODUCTS, NEC	63			63	
2061 SUGAR	62,063	1,420	32,063	28,180	
2062 MOLASSES	4,808			4,808	
2081 ALCOHOLIC BEVERAGES	15,017			15,017	
2091 VEGETABLE OILS, MARG, SHORT	9,728	2,350		7,378	
2094 GROCERIES	650	650			
2099 MISCELLANEOUS FOOD PRODUCTS	1,327			1,327	
2211 BASIC TEXTILE PRODUCTS	156			156	
2212 TEXTILE FIBERS, NEC	152			152	
2421 LUMBER	11,050	7,700	3,350		
2491 WOOD MANUFACTURES, NEC	8			8	
2511 FURNITURE AND FIXTURES	36			36	
2621 STANDARD NONSP-INT PAPER	12,506		12,506		
2711 PRINTED MATTER	13,173		13,173		
2810 SODIUM HYDROXIDE	14,000			11,565	2,435
2811 CRUDE TAR, OIL, GAS PRODUCTS	1,700			1,000	700
2812 DYES, PIGMENT, TANNING MATS	1			1	
2817 BENZENE AND TOLUENE	6,221		6,221		
2818 SULPHURIC ACID	4,983		4,983		
2819 BASIC CHEMICALS AND PROD, NEC	13,100	11,750	1,350		
2841 SOAP	10			10	
2911 GASOLINE	4,405,863	604,056	93,271	3,390,523	250,013
2912 JET FUEL	554,486	55,639	21,748	440,300	37,100
2913 KEROSENE	161,024	10,434	2,043	127,635	19,970
2914 DISTILLATE FUEL OIL	2,570,364	400,243	120,775	1,852,042	115,350
2915 RESIDUAL FUEL OIL	2,735,878	180,801	1,330,966	965,955	254,156
2916 LUBRICATING OILS AND GREASES	66,708	6,000		30,920	19,400
2917 NAPHTHA, PETROLEUM SOLVENTS	21,108			9,576	11,532
2918 ASPHALT, TAR, AND BITUMENS	467,369	91,070	19,325	300,566	7,380
2991 PETROLEUM AND COAL PROD, NEC	415,957	204,151	31,170	78,336	58,300
3011 RUBBER AND MISC PLASTIC PROD	82			82	
3111 LEATHER AND LEATHER PRODUCTS	13			13	
3201 BUILDING CEMENT	427,934	93,909	3,778	301,066	29,101
3291 MISC NONMETALLIC MINERAL PROD	106,073		106,069	4	
3319 IRON AND STEEL PRODUCTS, NEC	7,465	5,831		1,634	
3321 NONFERROUS METALS, NEC	25			25	
3322 COPPER ALLOYS, UNWORKED	269			269	
3411 FABRICATED METAL PRODUCTS	9,798	3,807	5,319	350	232
3511 MACHINERY, EXCEPT ELECTRICAL	2,099		407	1,037	655
3611 ELECTRICAL MACH AND EQUIP	75			75	
3711 MOTOR VEHICLES, PARTS, EQUIP	84,541	24,347	54,675	559	
3731 SHIPS AND BOATS	149				149
3911 MISC MANUFACTURED PRODUCTS	2			2	
4011 IRON AND STEEL SCRAP	37,539	4,081	28,558		
4029 WASTE AND SCRAP, NEC	7,000		7,000		
4112 COMMODITIES, NEC	2,004,430	335,656	897,739	257,420	513,224
TOTAL TON-MILES	274,406,776				

FALL RIVER HARBOR, MASS.

SECTION INCLUDES: FROM THE N. Y. N. H. & M. R. BRIDGE BETWEEN AQUINICK ISLAND AND TIVERTON IN A NORTHERLY DIRECTION TO THE STEEL 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 RAY TO THE BRAGA BRIDGE; THENCE 30 FEET IN THE 35-FOOT CHANNEL TO THE WHARVES ABOVE THE BRIDGE; 20 FEET IN THE WEST HALF OF THE 35-FOOT TURNING BASIN; DREDGING IN PROGRESS. PROJECT DEPTH: 40 FEET IN CHANNEL AND TURNING BASIN; 40 FEET ON LOWER END OF MOUNT ISLAND SHOAL.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS		PASSENGERS	YEAR	TONS		PASSENGERS
	IMPORTS	EXPORTS			IMPORTS	EXPORTS	
1973	4,625,362			1978	4,820,427	60	
1974	5,122,184			1979	4,798,674		
1975	4,834,393	746		1980	4,804,081		
1976	4,739,073			1981	4,635,123		
1977	5,245,473			1982	2,927,822		

FREIGHT TRAFFIC, 1962

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	2,927,822	435,133	38	1,921,968	88,789	395,873	60,729	21,292
0801 CRUDE RUBBER AND ALLIED GUMS	11,733	11,733						
0911 FRESH FISH, EXCEPT SHELLFISH	21		21					
0912 SHELLFISH, EXCEPT PREPARED	1,889					1,889		
1101 COAL AND LIGNITE	114,567			114,567				
2810 SODIUM HYDROXIDE	4,705			4,705				
2818 SULPHURIC ACID	9,130			9,130				
2819 BASIC CHEMICALS AND PROD, NEC	18,300	18,300						

Waterborne Commerce of the United States, 1982

FALL RIVER HARBOR, MASS.--CONTINUED
 FREIGHT TRAFFIC, 1982--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2422 SYNTHETIC RUBBER-----	2		2					
2911 GASOLINE-----	797,401	73,510		671,895	15,790	28,26A		7,938
2912 JET FUEL-----	1,991			1,991				
2913 KEROSENE-----	32,470			18,5A2	7,448		6,048	
2914 DISTILLATE FUEL OIL-----	520,014	17,188		331,719	65,155	33,953	5A,695	13,354
2915 RESIDUAL FUEL OIL-----	9A7,703	314,442		341,323		331,938		
2916 LUBRICATING OILS AND GREASES-----	9,634			9,609		25		
2917 ASPHALT, PETROLEUM SOLVENTS-----	41A,262			41A,262				
2991 PETROLEUM AND COAL PROD, NEC-----	185			145				
3011 RUBBER AND MISC PLASTIC PROD-----	1		1					
3511 MACHINERY, EXCEPT ELECTRICAL-----	13		13					
3611 ELECTRICAL MACH AND EQUIPP-----	1		1					
TOTAL TON-MILES, 23,234,818.								

PROVIDENCE RIVER AND HARBOR, R. I.

SECTION INCLUDED: THE UPPER PART OF THE HARBOR FROM POPHAM ROCKS LIGHT TO RFD BRIDGE ACROSS BEKONK RIVER ON THE NORTHEAST AND TO CRAWFORD STREET BRIDGE ON THE NORTH. CONTROLLING DEPTHS: 40 FEET IN THE 40-FOOT CHANNEL FROM ARREAR NORTH POINT TO SARIN POINT LIGHT; THENCE 38 FEET FROM SARIN POINT TO HEAD OF HARBOR. PROJECT DEPTHS: AT HEAD LDR WATER, 40 FEET TO FOX POINT.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC		YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC	
			THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS				THROUGH TRAFFIC (TONS)	AUTOMOBILES ACCOMPANYING PASSENGERS
1973-----	10,236,062	20,120	219,68A	220	197A-----	8,459,495	24,660		240
1974-----	A,856,218	23,110	132,794	16A	1979-----	8,579,917	29,644		93
1975-----	A,266,295	25,96A	94,186	23A	1980-----	7,509,253	31,304		216
1976-----	A,578,297	16,086	49,037	26A	1981-----	7,043,AA2	31,262		222
1977-----	A,624,315	27,326	1A,169	29A	19A2-----	6,562,453	34,803		229

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	6,562,453	742,058	392,391	4,991,703	261,460	73,175	37,867	63,799
0121 TOBACCO, LEAF-----	336	336						
0131 FRESH FRUITS-----	173		173					
0133 COFFEE-----	2		2					
0141 FRESH AND FROZEN VEGETABLES-----	47		47					
0211 FRESH FISH, EXCEPT SHELLFISH-----	194		89	105				
1051 ALUMINUM ORES, CONCENTRATES-----	3		3					
1491 SALT-----	184,494	184,494						
1499 NONMETALLIC MINERALS, NEC-----	A		A					
2012 MEAT AND PRODUCTS, NEC-----	21		21					
2021 DAIRY PRODUCTS, NEC-----	15		15					
2031 FISH AND SHELLFISH, PREPARED-----	278		278					
2034 VEGETABLES AND PREP, NEC-----	54		54					
2039 PREP FRUIT AND VEG JUICE, NEC-----	1,438		20					
2049 GRAIN MILL PRODUCTS, NEC-----	20		20					
2041 ALCOHOLIC BEVERAGES-----	4,504		4,504					
2091 VEGETABLE OILS, MARG, SHORT-----	44		44					
2099 MISCELLANEOUS FOOD PRODUCTS-----	19		19					
2211 BASIC TEXTILE PRODUCTS-----	22		14					
2311 APPAREL-----	4		4					
2411 LOGS-----	16,36A		16,36A					
2421 LUMBER-----	29,28A		29,28A					
2431 VENEER, PLYWOOD, BURNED WOOD-----	287		287					
2491 WOOD MANUFACTURES, NEC-----	21		21					
2511 FURNITURE AND FIXTURES-----	227		227					
2631 PAPER AND PAPERBOARD-----	398		297	101				
2691 PULP AND PAPER PRODUCTS, NEC-----	11		11					
2711 PRINTED MATTER-----	7		4					
2818 SULPHURIC ACID-----	10,907			10,907				
2819 BASIC CHEMICALS AND PROD, NEC-----	29,369		20					
2821 PLASTIC MATERIALS-----	5		4					
2841 SOAP-----	14		14					
2851 PAINTS-----	925		925					
2891 MISCELLANEOUS CHEMICAL PROD-----	19		18					
2911 GASOLINE-----	2,849,575		31,300	2,787,143	24,763	1,946	908	3,505
2912 JET FUEL-----	5,119			5,119				
2913 KEROSENE-----	42,282			33,655	2,583	6,044		
2914 DISTILLATE FUEL OIL-----	1,812,149		41,101	1,924,666	194,727	56,445	33,953	59,697
2915 RESIDUAL FUEL OIL-----	578,667		188,243	342,207	3A,059	4,740	2,081	597
2916 LUBRICATING OILS AND GREASES-----	30,650			30,625			25	
2917 ASPHALT, TAR, AND BITUMEN-----	39,254			39,254				
2918 BITUMEN, TAR, AND BITUMEN-----	1A7,970			1A7,970				
2921 LIQUEFIED GASES-----	4A,216		48,122					
3011 RUBBER AND MISC PLASTIC PROD-----	71		69					
3111 LEATHER AND LEATHER PRODUCTS-----	12		12					

Waterborne Commerce of the United States, 1982

THAMES RIVER, CONN.

SECTION INCLUDED: FROM A POINT 1,000 FEET ABOVE THE RAILROAD BRIDGE AT NEW LONDON TO NORWICH, CONN. CONTROLLING DEPTH: GENERALLY 25.0 FEET IN 25 FOOT CHANNEL TO ALLYN POINT; THENCE 22 FEET TO 1,500 FEET ABOVE POKISTANICK COVE; THEN 24 FEET UPSTREAM TO NORWICH DIKE; THENCE 11 FEET TO UPSTREAM LIMIT OF PROJECT. CHANNEL WIDENING TO 20 FEET DEPTH OPPOSITE U. S. SUBMARINE BASE, PROJECT DEPTH: 25 FEET TO NORWICH.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	1,343,145	124,348	1978	668,149	48,552
1974	1,186,054	93,294	1979	610,186	
1975	838,565	63,986	1980	744,562	
1976	634,514	55,426	1981	546,907	
1977	654,627	56,556	1982	623,837	

* NONE REPORTED.

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	UPROUND
TOTAL	623,837	623,246	591
2919 BASIC CHEMICALS AND PROD, NEC	123,120	123,120	
2911 GASOLINE	38,978	38,978	
2913 KEROSENE	2,885	2,885	
2914 DISTILLATE FUEL OIL	46,347	45,776	591
2915 RESIDUAL FUEL OIL	372,447	372,447	
TOTAL TON-MILES, 3,603,980.			

CONNECTICUT RIVER BELOW HARTFORD, CONN.

SECTION INCLUDED: SAYBROOK TO HARTFORD, CONN., 52 MILES. CONTROLLING DEPTH: GENERALLY 14.0 FEET TO HARTFORD, CONN., AT MEAN LOW WATER, 8 FEET IN ENTRANCE CHANNEL TO NORTH COVE; 8.0 FEET IN ANCHORAGE IN NORTH COVE; 4.3 TO 8 FEET IN CHANNEL AND BASIN IN EIGHT-MILE RIVER; 1 TO 6 FEET IN ANCHORAGE AT HAMBURG. PROJECT DEPTH: 15 FEET AT MEAN LOW WATER, SAYBROOK TO HARTFORD. NAVIGATION SEASON: USUALLY MARCH 15 TO DECEMBER 15.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1973	3,487,419	278,274	90,621	1978	1,950,599	290,128	114,196
1974	3,049,883	343,317	108,934	1979	1,414,353	270,964	118,708
1975	2,562,245	406,298	109,964	1980	1,772,954	329,235	103,234
1976	2,229,683	510,281	152,460	1981	1,801,032	359,569	107,556
1977	2,171,256	295,476	98,124	1982	1,545,637	186,840	91,029

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	SHIPMENTS
TOTAL	1,545,637	1,543,515	2,122
2911 GASOLINE	650,614	648,492	2,122
2912 JET FUEL	25,391	25,391	
2913 KEROSENE	16,961	16,961	
2914 DISTILLATE FUEL OIL	216,408	216,408	
2915 RESIDUAL FUEL OIL	605,937	605,937	
2918 ASPHALT, TAR, AND BITUMENS	30,326	30,326	
TOTAL TON-MILES, 62,662,560.			

NEW ENGLAND DIVISION

17

NEW HAVEN HARBOR, CONN.

SECTION INCLUDED: MAIN HARBOR CHANNELS 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: 28 FEET IN LEFT OUTSIDE QUARTER, 28 FEET IN CENTER, 27 FEET IN RIGHT OUTSIDE QUARTER, 14 FEET IN THE QUINNIPIAC RIVER CHANNEL. 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 6 TO 22 FEET. ALL AT MEAN LOW WATER. DREDGING IN OUTER ENTRANCE CHANNEL IN PROGRESS DURING THE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	13,709,265		1978	11,867,706	144,960
1974	12,054,957		1979	10,622,395	
1975	11,432,920	94	1980	9,316,328	
1976	11,069,899		1981	9,045,823	
1977	11,119,383	48,542	1982	7,935,063	49,124

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE		
				RECEIPTS	SHIPMENTS	
TOTAL	7,935,063	538,504	197,368	6,541,281	576,954	80,956
0133 COFFEE	2		2			
0912 SHELLFISH, EXCEPT PREPARED	28	28				
1091 NONFERROUS ORES, CONCENT, NEC	13	13				
2099 MISCELLANEOUS FOOD PRODUCTS	50	50				
2211 BASIC TEXTILE PRODUCTS	8	8				
2421 LUMBER	14,815	14,815				
2431 VENEER, PLYWOOD, WORKED WOOD	512	512				
2611 PULP	5,622	670	4,752			
2631 PAPER AND PAPERBOARD	171	171				
2711 PRINTED MATTER	1	1				
2810 SODIUM HYDROXIDE	5,796			5,796		
2813 ALCOHOLS	90,629			90,629		
2818 SULPHURIC ACID	6,700			6,700		
2819 BASIC CHEMICALS AND PROD, NEC	206,859	18,041		188,818		
2831 DRUGS	18		18			
2891 MISCELLANEOUS CHEMICAL PROD	20	20				
2911 GASOLINE	2,799,019	42,825		2,599,967	156,227	
2912 JET FUEL	169,988	159,396		159,396	10,592	
2913 KEROSENE	65,857			61,213	4,644	
2914 DISTILLATE FUEL OIL	2,325,774	74,596		1,998,505	171,882	80,791
2915 RESIDUAL FUEL OIL	1,493,347	55,089		1,216,956	221,342	
2916 LUBRICATING OILS AND GREASES	137,609	137,609				
2917 NAPHTHA, PETROLEUM SOLVENTS	46,699			34,432	12,267	
2918 ASPHALT, TAR, AND BITUMENS	62,419	5,167		57,252		
2920 COKE, PETROLEUM COKE	11,579	11,579				
2991 PETROLEUM AND COAL PROD, NEC	12,042			11,877		165
3011 RUBBER AND MISC PLASTIC PROD	3	3				
3241 BUILDING CEMENT	109,740			109,740		
3315 IRON, STEEL SHAPES, EXC SHEET	85,102	85,097	5			
3317 IRON AND STEEL PIPE AND TUBE	2,177	2,167	10			
3318 FERROALLOYS	2,468		2,468			
3319 IRON AND STEEL PRODUCTS, NEC	176	176				
3321 NONFERROUS METALS, NEC	8	8	2			
3322 COPPER ALLOYS, UNWORKED	82,924	82,924				
3323 LEAD AND ZINC, UNWORKED	4,232	4,232				
3411 FABRICATED METAL PRODUCTS	855	821	34			
3511 MACHINERY, EXCEPT ELECTRICAL	1,018	996	22			
3611 ELECTRICAL MACH AND EQUIP	236	229	7			
3711 MOTOR VEHICLES, PARTS, EQUIP	520	506	14			
3811 INSTR, TIME, PHOTO, OPT GOODS	1	1				
4011 IRON AND STEEL SCRAP	190,036		190,036			

MOUSATONIC RIVER, CONN.

SECTION INCLUDED: LONG ISLAND SOUND TO DEERY AND SHELTON, CONNECTICUT, TIDAL SECTION ABOUT 14 MILES. CONTROLLING DEPTH: 17 FEET FROM ENTRANCE TO BEACON #7 16.0 FEET TO 1/2 MILE ABOVE ROUTE I-95 BRIDGE; THENCE 16 FEET TO WITHIN 500 FEET OF CULVERS BAR; THENCE 5 FEET TO UPSTREAM PROJECT LIMIT. PROJECT DEPTH: 18 FEET TO CULVERS BAR AT DEVON; 4.75 MILES; THENCE 7 FEET TO SHELTON, AT MEAN LOW WATER. NAVIGATION SEASON: USUALLY ENTIRE YEAR TO STRATFORD; MARCH 1 TO DECEMBER 31, STRATFORD TO SHELTON.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	796,521	1976	474,441
1974	611,684	1979	243,423
1975	455,473	1980	467,411
1976	429,042	1981	416,220
1977	396,430	1982	478,406

Waterborne Commerce of the United States, 1982

HOUSATONIC RIVER, CONN.--CONTINUED

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	SHIPMENTS
TOTAL	478,406	474,424	3,882
1442 SAND, GRAVEL, CRUSHED ROCK	24,000	24,000	
2015 RESIDUAL FUEL OIL	453,072	450,515	2,557
2091 PETROLEUM AND COAL PROD, NEC	1,325		1,325
TOTAL TON-MILES	2,392,030		

BRIDGEPORT HARBOR, CONN.

SECTION INCLUDED: MAIN HARBOR; FROM INNER BREAKWATERS TO STRATFORD AVENUE BRIDGE ABOUT 4,000 FEET. POQUONOCK RIVER; FROM STRATFORD AVENUE BRIDGE TO HEAD OF NAVIGATION, ABOUT 1 MILE. YELLOW MILL CHANNEL; FROM A POINT ABOUT 1,000 FEET BELOW YELLOW MILL BRIDGE TO THE HEAD OF NAVIGATION, 1 MILE. JOHNSON'S RIVER; FROM THE HIGHWAY BRIDGE TO HEAD OF NAVIGATION, ABOUT 1,600 FEET. BLACK ROCK HARBOR; FROM THE JUNCTION OF BURN AND CEDAR CREEKS TO HEAD OF NAVIGATION, ABOUT 4,000 FEET. CONTROLLING DEPTH: 34 FEET TO BRIDGEPOINT LIGHT, THENCE 32 FEET TO UPSTREAM LIMIT OF THE 35-FOOT MAIN CHANNEL; 11 FEET IN THE POQUONOCK RIVER CHANNEL; 13.5 FEET IN JOHNSON RIVER TO NORTH END OF CHANNEL, THENCE 13.5 FEET TO ABOUT 1,600 FEET DOWNSTREAM OF STRATFORD AVENUE BRIDGE, THENCE 24 FEET TO THE BRIDGE. BRANCH CHANNELS RANGE FROM 3 TO 15 FEET. PROJECT DEPTHS: MAIN HARBOR; 35 FEET FROM LONG ISLAND SOUND TO ABOUT 720 FEET BELOW STRATFORD AVENUE BRIDGE. BRANCH CHANNELS RANGE FROM 6 TO 14 FEET. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1973	3,553,980	201,894	50,304	1976	3,735,609	41,630	25,045
1974	3,295,195	146,802	36,478	1977	3,243,301	175,656	50,786
1975	2,860,171	144,510	40,614	1980	3,194,618		
1976	3,265,113	124,174	45,014	1981	3,212,451	193,534	60,260
1977	3,495,140	74,007	24,343	1982	2,722,443	101,206	30,190

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE		
				RECEIPTS	SHIPMENTS	
TOTAL	2,722,643	404,158	17,682	1,763,268	119,324	18,211
1311 CRUDE PETROLEUM	11,767	11,767				
1411 LIMESTONE	1	1				
1442 SAND, GRAVEL, CRUSHED ROCK	34,743			34,743		
2021 DAIRY PRODUCTS, NEC	17					
2211 BASIC TEXTILE PRODUCTS	11					
2311 APPAREL	3					
2421 LUMBER	17,686	17,686				
2431 VENEER, PLYWOOD, WORKED WOOD	3,389	3,389				
2711 PRINTED MATTER	1	1				
2911 GASOLINE	795,210	55,522		739,688	3,502	
2913 KEROSENE	1,235			1,235		
2914 DISTILLATE FUEL OIL	426,749			426,749		
2915 RESIDUAL FUEL OIL	1,004,121	321,864		548,224	115,222	18,211
2916 LUBRICATING OILS AND GREASES	3,284			3,284		
3314 IRON AND STEEL PRIMARY FORMS	119		119			
3315 IRON, STEEL SHAPES, EXC SHEET	331,740	331,740				
3316 IRON AND STEEL PLATES, SHEETS	54		54			
3317 IRON AND STEEL PIPE AND TUBE	14,407	14,407				
3318 FERROALLOYS	2,535	2,535				
3319 IRON AND STEEL PRODUCTS, NEC	286		286			
3321 NONFERROUS METALS, NEC	104		104			
3322 COPPER ALLOYS, UNWORKED	22,506	5,891	4,864	7,751		
3323 LEAD AND ZINC, UNWORKED	34,406	33,310		1,096		
3324 ALUMINUM AND ALLOYS, UNWORKED	395		395			
3411 FABRICATED METAL PRODUCTS	940		940			
3511 MACHINERY, EXCEPT ELECTRICAL	1		1			
3711 MOTOR VEHICLES, PARTS, EQUIP	1		1			
3731 SHIPS AND BOATS	13		13			
3791 MISC TRANSPORTATION EQUIPMENT	86		86			
4011 IRON AND STEEL SCRAP	8,414		8,414			
4112 COMMODITIES, NEC	7		7			

NEW ENGLAND DIVISION

NORWALK HARBOR, CONN.

SECTION INCLUDED: FROM A POINT 0.5 MILE BELOW WASHINGTON STREET BRIDGE TO HEAD OF NAVIGATION AT EAST NORWALK AND NORWALK. CONTROLLING DEPTH: 8.0 FEET IN THE 12-FOOT CHANNEL FROM LONG ISLAND SOUND TO OPPOSITE DOWNSTREAM END OF 10 FOOT ANCHORAGE, THENCE 7 FEET TO THE WASHINGTON BRIDGE; 7 FEET IN THE 10-FOOT CHANNEL, 10 FOOT ANCHORAGE; 10 FEET 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

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	867,306	1,000	1978	851,047	8,276
1974	799,974	1,000	1979	817,723	134
1975	847,490	3,000	1980	815,465	251
1976	753,874	26,624	1981	778,452	162
1977	822,908	13,032	1982	954,388	134

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	LOCAL
TOTAL	954,388	944,268	10,120
0912 SMELT/FISH, EXCEPT PREPARED	10,120		10,120
1442 SAND, GRAVEL, CRUSHED ROCK	249,334	249,134	
2911 GASOLINE	16,809	16,409	
2914 DISTILLATE FUEL OIL	134,755	134,755	
2915 RESIDUAL FUEL OIL	503,570	503,570	
TOTAL TON-MILES, 4,119,336.			

STAMFORD HARBOR, CONN.

SECTION INCLUDED: EAST AND WEST BRANCHES. CONTROLLING DEPTH: 16.0 FEET IN THE 18-FOOT ENTRANCE CHANNEL; 11.5 FEET IN OUTSIDE QUARTERS AND 14.6 FEET IN THE CENTER HALF OF THE 15-FOOT ENTRANCE CHANNEL; 10 FEET IN THE 12-FOOT EAST BRANCH CHANNEL TO 1,100 FEET DOWNSTREAM OF THE HEAD OF NAVIGATION, THENCE 4 FEET TO THE END OF THE CHANNEL; DREDGING IN PROGRESS IN EAST BRANCH CHANNEL. PROJECT DEPTH: 18.0 FEET IN ENTRANCE CHANNEL TO NORTH-END OF 18-FOOT ANCHORAGE, THENCE 15.0 FEET IN REMAINDER OF ENTRANCE CHANNEL; WEST BRANCH CHANNEL AND BASIN, 12.0 FEET IN EAST BRANCH CHANNEL, AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	1,002,388		1978	1,000,700	
1974	989,766		1979	870,236	
1975	846,148		1980	840,847	1,075
1976	775,638		1981	796,528	
1977	783,243		1982	837,522	

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	
		RECEIPTS	SHIPMENTS
TOTAL	837,522	810,711	26,811
1442 SAND, GRAVEL, CRUSHED ROCK	460,146	460,146	
2914 DISTILLATE FUEL OIL	225,870	225,870	
2915 RESIDUAL FUEL OIL	20,493	20,493	
2918 ASPHALT, TAR, AND BITUMENS	104,202	104,202	
4011 IRON AND STEEL SCRAP	26,811		26,811
TOTAL TON-MILES, 1,892,056.			

Waterborne Commerce of the United States, 1982

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS MILLS	PASSENGERS
PROJECT				
ANDREWS RIVER, MASS.	NO COMMERCE REPORTED			
ANNISQUAM RIVER, MASS.	NO COMMERCE REPORTED			
APPONAUG COVE, R. I.	NO COMMERCE REPORTED			
BAR HARBOR, MAINE				120,760
BASS HARBOR, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH	100		
	0912 SHELLFISH, EXCEPT PREPARED	800		
	TOTAL	900	900	64,248
BEALS HARBOR, MAINE	NO COMMERCE REPORTED			
BELFAST HARBOR, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH	1,611	1,611	
BEVERLY HARBOR, MASS.	0911 FRESH FISH, EXCEPT SHELLFISH	1		
	0912 SHELLFISH, EXCEPT PREPARED	15		
	TOTAL	16	16	
BOOTHBAY HARBOR, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH	31	62	67,350
BRANFORD HARBOR, CONN.	NO COMMERCE REPORTED			
BRISTOL HARBOR, R. I.	4112 COMMODITIES, NEC	845	1,690	47,200
BUNKER HARBOR, MAINE	0912 SHELLFISH, EXCEPT PREPARED	27		22
CANDEN HARBOR, MAINE	NO COMMERCE REPORTED			
CANAPITSIT CHANNEL, MASS.				236
CAPE PURPOISE HARBOR, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH	10		
	0912 SHELLFISH, EXCEPT PREPARED	260		
	TOTAL	270	270	
CARVERS HARBOR, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH	2		
	0912 SHELLFISH, EXCEPT PREPARED	42		
	1491 SALT	1		
	TOTAL	45		64,246
CHATHAM (STAGE) HARBOR, MASS.	0911 FRESH FISH, EXCEPT SHELLFISH	257	514	1,202
CLINTON HARBOR, CONN.	NO COMMERCE REPORTED			
COBSCOOK BAY, MAINE	NO COMMERCE REPORTED			
COMASSET HARBOR, MASS.	NO COMMERCE REPORTED			
COREA HARBOR, MAINE	0912 SHELLFISH, EXCEPT PREPARED	18	18	
CRIEHAVEN HARBOR, MAINE	NO COMMERCE REPORTED			
CROSS MT SHOALS, NANTUCKET SOUND, MASS.	2911 GASOLINE	5,376		
	2913 KEROSENE	208		
	2914 DISTILLATE FUEL OIL	19,546		
	4112 COMMODITIES, NEC	2,590		
	TOTAL	27,719	55,418	85,860
CUTTUNNA HARBOR, MASS.	4112 COMMODITIES, NEC	487	487	10,217
DEMARISCOTTA RIVER, MAINE	NO COMMERCE REPORTED			
DEER ISLAND THOROUGHFARE, MAINE	4112 COMMODITIES, NEC	727	727	308
DORCHESTER BAY, MASS. (INCLUDED IN PORT OF BOSTON)	NO COMMERCE REPORTED			
DUCK ISLAND HARBOR, CONN.	NO COMMERCE REPORTED			
DUXBURY HARBOR, MASS.	NO COMMERCE REPORTED			
EASTPORT HARBOR, MAINE	0161 ANIMALS AND PRODUCTS, NEC	4,591		
	0911 FRESH FISH, EXCEPT SHELLFISH	9,060		
	2416 WOOD CHIPS, STAVES, MOLDINGS	113		
	2491 WOOD MANUFACTURES, NEC	16		
	2611 PULP	51,928		
	2711 PRINTED MATTER	4		
	3011 RUBBER AND MISC PLASTIC PROD	1		
	3411 FABRICATED METAL PRODUCTS	3		
	3511 MACHINERY, EXCEPT ELECTRICAL	4		
	3611 ELECTRICAL MACH AND EQUIP	3		
	3711 MOTOR VEHICLES, PARTS, EQUIP	53		
	3731 SHIPS AND BOATS	4		
	4112 COMMODITIES, NEC	8		
	TOTAL	65,788	65,421	15,781
ENDCARTON HARBOR, MASS.				100,996
ESSEX RIVER, MASS.	NO COMMERCE REPORTED			
FALMOUTH HARBOR, MASS.	2711 PRINTED MATTER	405	405	273,436

NEW ENGLAND DIVISION
OTHER HARBORS AND WATERWAYS--CONTINUED

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HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
FIVEMILE RIVER HARBOR, CONN.	NO COMMERCE REPORTED			8
PORT POINT CHANNEL, MASS. (INCLUDED IN PORT OF BOSTON)	NO COMMERCE REPORTED			
BLOUDBYTER HARBOR, MASS.	0105 WICE	107		
	0131 FRESH FRUITS	444		
	0141 FRESH AND FROZEN VEGETABLES	105		
	0141 ANIMALS AND PRODUCTS, NEC	1,007		
	0911 FRESH FISH, EXCEPT SHELLFISH	112,419		
	0912 SHELLFISH, EXCEPT PREPARED	1,484		
	1911 ORDNANCE AND ACCESSORIES	2		
	2011 MEAT, FRESH, CHILLED, FROZEN	1,144		
	2014 TALLOW, ANIMAL FAT AND OILS	1,217		
	2031 FISH AND SHELLFISH, PREPARED	2,916		
	2034 VEGETABLES AND PREP, NEC	4		
	2039 PREP FRUIT AND VEG JUICE, NEC	12		
	2041 WHEAT FLOUR AND SEMOLINA	1,113		
	2042 ANIMAL FEEDS	22		
	2049 GRAIN MILL PRODUCTS, NEC	55		
	2081 ALCOHOLIC BEVERAGES	29		
	2099 MISCELLANEOUS FOOD PRODUCTS	14		
	2211 BASIC TEXTILE PRODUCTS	1		
	2431 VEENER, PLYWOOD, ANGLE WOOD	163		
	2491 WOOD MANUFACTURES, NEC	2		
	2511 FURNITURE AND FIXTURES	1		
	2631 PAPER AND PAPERBOARD	11		
	2691 PULP AND PAPER PRODUCTS, NEC	14		
	2711 PRINTED MATTER	1		
	2821 PLASTIC MATERIALS	102		
	2891 MISCELLANEOUS CHEMICAL PROD	1		
	2914 DISTILLATE FUEL OIL	12,374		
	2916 LUBRICATING OILS AND GREASES	442		
	2921 LIQUEFIED GASES	1		
	3011 RUBBER AND MISC PLASTIC PROD	44		
	3111 LEATHER AND LEATHER PRODUCTS	4		
	3411 FABRICATED METAL PRODUCTS	20		
	3511 MACHINERY, EXCEPT ELECTRICAL	24		
	3611 ELECTRICAL MACH AND EQUIP	82		
	3711 MOTOR VEHICLES, PARTS, EQUIP	35		
	3731 SHIPS AND BOATS	10		
	3911 MISC MANUFACTURED PRODUCTS	1		
	4112 COMMODITIES, NEC	22		
	TOTAL	135,454	181,937	5,596
GREAT SALT POND, BLOCK ISLAND, R. I.	2911 GASOLINE	1,291		
	2913 KEROSENE	32		
	2914 DISTILLATE FUEL OIL	1,103		
	4112 COMMODITIES, NEC	374		
	TOTAL	2,802	3,453	55,410
GREEN HARBOR, MASS.	0912 SHELLFISH, EXCEPT PREPARED	19	19	41,028
GREENWICH BAY, R. I.	NO COMMERCE REPORTED			
GREENWICH HARBOR, CONN.	NO COMMERCE REPORTED			173,370
GUILFORD HARBOR, CONN.	NO COMMERCE REPORTED			
HAMPTON HARBOR, N. H.	3511 MACHINERY, EXCEPT ELECTRICAL	710	710	36,172
HARBOR OF REFUGE AT SANDY BAY, CAPE ANN, MASS.	0911 FRESH FISH, EXCEPT SHELLFISH	1		
	0912 SHELLFISH, EXCEPT PREPARED	10		
	TOTAL	11		546
HARBOR OF REFUGE, BLOCK ISLAND, R. I.	4112 COMMODITIES, NEC	7,233	7,233	344,653
HARBOR OF REFUGE, NANTUCKET, MASS.	2911 GASOLINE	6,994		
	2913 KEROSENE	204		
	2914 DISTILLATE FUEL OIL	20,884		
	4112 COMMODITIES, NEC	51,144		
	TOTAL	79,226	154,464	364,434
HARBOR OF REFUGE, POINT JUDITH AND POINT JUDITH POND, R. I.	0911 FRESH FISH, EXCEPT SHELLFISH	15,130		
	4112 COMMODITIES, NEC	5,905		
	TOTAL	21,035	21,035	329,374
HARRABECKET RIVER, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH	30	30	
HAY (WEST) HARBOR, N. Y.	2911 GASOLINE	233		
	2914 DISTILLATE FUEL OIL	562		
	3511 MACHINERY, EXCEPT ELECTRICAL	1		
	4112 COMMODITIES, NEC	1,566		
	TOTAL	2,362	4,764	93,992
HENDRICKS HARBOR, MAINE	NO COMMERCE REPORTED			
HINGHAM HARBOR, MASS. (INCLUDED IN PORT OF BOSTON)	NO COMMERCE REPORTED			
HYANNIS HARBOR, MASS.	4112 COMMODITIES, NEC	45,554	97,104	744,296
IPSWICH RIVER, MASS.	NO COMMERCE REPORTED			

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OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
ISLE AU HAUT THROUGHFARE, MAINE-----	4112 COMMODITIES, NEC-----	720	720	15,063
ISLE OF SHOALS HARBOR, ME, AND N. H.-----	NO COMMERCE REPORTED			
JOSTIAS RIVER, MAINE-----	0912 SHELLFISH, EXCEPT PREPARED-----	217	217	
KENNEBEC RIVER, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	3,514		
	3411 FABRICATED METAL PRODUCTS-----	500		
	TOTAL-----	4,014	55,696	
KENNEBUNK RIVER, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,200		
	0912 SHELLFISH, EXCEPT PREPARED-----	150		
	TOTAL-----	1,350	1,350	
LADDON POND, MARTHA S VINEYARD, MASS.-----	2414 TIMBER, POSTS, POLES, PILING-----	18	18	
LIBEC CHANNEL, MAINE-----	0161 ANIMALS AND PRODUCTS, NEC-----	3,000		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	7,020		
	TOTAL-----	10,020	19,221	667,667
LYNN HARBOR, MASS.-----	3511 MACHINERY, EXCEPT ELECTRICAL-----	100	200	
MACHIAS RIVER, MAINE-----	NO COMMERCE REPORTED			
MALDEN RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
MANCHESTER HARBOR, MASS.-----	NO COMMERCE REPORTED			
MARBLEHEAD HARBOR, MASS.-----	NO COMMERCE REPORTED			
MATINICUS HARBOR, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	750		
	1491 SALT-----	104		
	TOTAL-----	854	1,198	
MATTAPOTSETT HARBOR, MASS.-----	NO COMMERCE REPORTED			
MENEMSHA CREEK, MARTHA S VINEYARD, MASS.-----	NO COMMERCE REPORTED			
MIANUS RIVER AND COS COR HARBOR, CONN.-----	NO COMMERCE REPORTED			
MILFORD HARBOR, CONN.-----	NO COMMERCE REPORTED			
MOOSBAREC BAR, MAINE-----	0912 SHELLFISH, EXCEPT PREPARED-----	477	477	
MYSTIC RIVER, CONN.-----				121,794
NARRAGUAGUS RIVER, MAINE-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,583		
	0912 SHELLFISH, EXCEPT PREPARED-----	53		
	TOTAL-----	1,636	3,219	
NEPONSET RIVER, MASS. (INCLUDED IN PORT OF BOSTON)-----	NO COMMERCE REPORTED			
NEW BEDFORD AND FAIRHAVEN HARBOR, MASS.-----	0102 BARLEY AND RYE-----	2		
	0103 CORN-----	3		
	0121 TOBACCO, LEAF-----	106		
	0129 FIELD CROPS, NEC-----	2		
	0131 FRESH FRUITS-----	28,302		
	0141 FRESH AND FROZEN VEGETABLES-----	73		
	0161 ANIMALS AND PRODUCTS, NEC-----	1,406		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	44,829		
	0912 SHELLFISH, EXCEPT PREPARED-----	900		
	2011 MEAT, FRESH, CHILLED, FROZEN-----	21		
	2012 MEAT AND PRODUCTS, NEC-----	63		
	2014 TALLOW, ANIMAL FATS AND OILS-----	123		
	2021 DAIRY PRODUCTS, NEC-----	307		
	2031 FISH AND SHELLFISH, PREPARED-----	1,884		
	2034 VEGETABLES AND PREP, NEC-----	124		
	2039 PREP FRUIT AND VEG JUICE, NEC-----	5,423		
	2049 GRAIN MILL PRODUCTS, NEC-----	47		
	2061 ALCOHOLIC BEVERAGES-----	46		
	2091 VEGETABLE OILS, MARG, SHORT-----	102		
	2099 MISCELLANEOUS FOOD PRODUCTS-----	1,332		
	2111 TOBACCO MANUFACTURES-----	3		
	2211 BASIC TEXTILE PRODUCTS-----	48		
	2311 APPAREL-----	3		
	2421 LUMBER-----	843		
	2491 WOOD MANUFACTURES, NEC-----	31		
	2511 FURNITURE AND FIXTURES-----	8		
	2611 PULP-----	385		
	2691 PULP AND PAPER PRODUCTS, NEC-----	5		
	2818 RADIOACTIVE MATERIALS, WASTE-----	2		
	2819 BASIC CHEMICALS AND PROD, NEC-----	12		
	2821 PLASTIC MATERIALS-----	171		
	2823 SYNTHETIC (MAN-MADE) FIBERS-----	284		
	2841 SOAP-----	123		
	2851 PAINTS-----	2		
	2876 INSECTICIDES, DISINFECTANTS-----	3		
	2891 MISCELLANEOUS CHEMICAL PROD-----	30		
	2914 DISTILLATE FUEL OIL-----	118,452		
	2916 LUBRICATING OILS AND GREASES-----	134		
	3011 RUBBER AND MISC PLASTIC PROD-----	37		
	3111 LEATHER AND LEATHER PRODUCTS-----	573		
	3211 GLASS AND GLASS PRODUCTS-----	8		

NEW ENGLAND DIVISION
OTHER HARBORS AND WATERWAYS--CONTINUED

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HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS MTLFS	PASSENGERS
PROJECT--CONTINUED				
NEW BEDFORD AND FAIRHAVEN HARBOR, MASS. (CONTIN ED)	3241 BUILDING CEMENT	143		
	3251 STRUCTURAL CLAY PRODUCTS	35		
	3291 MISC NONMETALLIC MINERAL PROD	22		
	3312 SLAG	5,000		
	3315 IRON, STEEL SHAPES, EXC SHEET	802		
	3316 IRON AND STEEL PLATES, SHEETS	5		
	3317 IRON AND STEEL PIPE AND TUBS	10		
	3321 NONFERROUS METALS, NEC	64		
	3323 LEAD AND ZINC, UNWORKED	13		
	3324 ALUMINUM AND ALLOYS, UNWORKED	8		
	3411 FABRICATED METAL PRODUCTS	348		
	3511 MACHINERY, EXCEPT ELECTRICAL	131		
	3611 ELECTRICAL MACH AND EQUIP	120		
	3711 MOTOR VEHICLES, PARTS, EQUIP	241		
	3791 MISC TRANSPORTATION EQUIPMENT	2		
	3811 INSTR, TIME, PHOTO, OPT GOODS	18		
	3911 MISC MANUFACTURED PRODUCTS	82		
	4024 PAPER WASTE AND SCRAP	150		
	4112 COMMODITIES, NEC	567		
	TOTAL	214,170		11,629
NEW HARBOR, MAINE	NO COMMERCE REPORTED			
NEWBURYPORT HARBOR, MASS.				12,240
NEWPORT HARBOR, R. I.	0911 FRESH FISH, EXCEPT SHELLFISH	20		
	2021 PLASTIC MATERIALS	1		
	2914 DISTILLATE FUEL OIL	18,938		
	3411 FABRICATED METAL PRODUCTS	3		
	3511 MACHINERY, EXCEPT ELECTRICAL	1		
	3731 SHIPS AND BOATS	4		
	TOTAL	18,967	18,967	113,452
NIANTIC BAY AND HARBOR, CONN.				15,630
NORTHEAST HARBOR, MAINE	NO COMMERCE REPORTED			
OWLS HEAD HARBOR, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH	24		
PATCHOQUE RIVER, CONN.	NO COMMERCE REPORTED			
PANCACTUCK RIVER, R. I. AND CONN.	NO COMMERCE REPORTED			
PIC ISLAND CUT, MAINE	0912 SHELLFISH, EXCEPT PREPARED	477	477	
PLEASANT BAY MASS.	NO COMMERCE REPORTED			
PLEASANT RIVER, MAINE	NO COMMERCE REPORTED			
PLYMOUTH HARBOR, MASS. (INCLUDING NORTH PLYMOUTH)	0911 FRESH FISH, EXCEPT SHELLFISH	1,239		
	0912 SHELLFISH, EXCEPT PREPARED	250		
	TOTAL	1,489	3,224	
PROVINCETOWN HARBOR, MASS.	0911 FRESH FISH, EXCEPT SHELLFISH	5,371	10,742	73,836
RED BROOK HARBOR, ROUEN, MASS.	NO COMMERCE REPORTED			
ROCKLAND HARBOR, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH	18,179		
	0912 SHELLFISH, EXCEPT PREPARED	758		
	TOTAL	18,937	74,208	98,262
ROCKPORT HARBOR, MAINE	NO COMMERCE REPORTED			
ROCKPORT HARBOR, MASS.	0911 FRESH FISH, EXCEPT SHELLFISH	1		
	0912 SHELLFISH, EXCEPT PREPARED	10		
	TOTAL	11	11	586
ROYAL RIVER, MAINE	NO COMMERCE REPORTED			
RYE HARBOR, NEW HAMPSHIRE	0912 SHELLFISH, EXCEPT PREPARED	64	64	
SACO RIVER, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH	250		
	0912 SHELLFISH, EXCEPT PREPARED	175		
	TOTAL	425	425	
SAKONNET RIVER AND HARBOR, R. I.	NO COMMERCE REPORTED			
SCARBORD RIVER, MAINE	NO COMMERCE REPORTED			
SCITUATE HARBOR, MASS.	NO COMMERCE REPORTED			
SEEKONK RIVER, R. I.	NO COMMERCE REPORTED			
SOUTH BRISTOL HARBOR, MAINE	NO COMMERCE REPORTED			
SOUTHWEST HARBOR, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH	923		
	0912 SHELLFISH, EXCEPT PREPARED	252		
	TOTAL	1,175	3,273	
ST. CROIX RIVER, MAINE	NO COMMERCE REPORTED			

Waterborne Commerce of the United States, 1982

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
STOCKTON HARBOR, MAINE (INCLUDED IN PENOBSCOT RIVER, MAINE)	NO COMMERCE REPORTED			
STONINGTON HARBOR, CONN.	NO COMMERCE REPORTED			
STONINGTON HARBOR, MAINE	4112 COMMODITIES, NEC	729	729	15,063
STONY CREEK, CONN.	NO COMMERCE REPORTED			
TAUNTON RIVER, MASS.	NO COMMERCE REPORTED			
TERANTS HARBOR, MAINE	0911 FRESH FISH, EXCEPT SHELLFISH	624		
	1491 SALT	136		
	TOTAL	760	760	
THOMASTON HARBOR (GEORGES RIVER), MAINE	NO COMMERCE REPORTED			
VINEYARD HAVEN HARBOR, MASS.	2414 TIMBER, POSTS, POLES, PILING	5		
	2911 GASOLINE	14,990		
	2913 KEROSENE	74		
	2914 DISTILLATE FUEL OIL	9,488		
	3711 MOTOR VEHICLES, PARTS, EQUIP	2		
	4112 COMMODITIES, NEC	84,509		
	TOTAL	111,068	111,068	1,017,379
WAREHAM HARBOR, MASS.	2414 TIMBER, POSTS, POLES, PILING	22		
	2421 LUMBER	3		
	TOTAL	25	50	
WARREN RIVER, R. I.				1,329
WARWICK COVE, WARWICK, R. I.	NO COMMERCE REPORTED			
WELLFLEET HARBOR, MASS.	NO COMMERCE REPORTED			
WESTPORT HARBOR AND SAUGATUCK RIVER, CONN.	NO COMMERCE REPORTED			
WESTPORT RIVER, MASS.	0911 FRESH FISH, EXCEPT SHELLFISH	12		
	0912 SHELLFISH, EXCEPT PREPARED	1,105		
	2414 TIMBER, POSTS, POLES, PILING	19		
	2421 LUMBER	3		
	3323 LEAD AND ZINC, UNWORKED	3		
	3511 MACHINERY, EXCEPT ELECTRICAL	2		
	3711 MOTOR VEHICLES, PARTS, EQUIP	2		
	TOTAL	1,146	1,146	
WYMOUTH BACK RIVER, MASS. (INCLUDED IN PORT OF BOSTON)	NO COMMERCE REPORTED			
WICKFORD HARBOR, R. I.	NO COMMERCE REPORTED			
WINTHROP HARBOR, MASS. (INCLUDED IN PORT OF BOSTON)	NO COMMERCE REPORTED			
WOOD ISLAND HARBOR, MAINE AND THE POOL AT BIDDEFORD	NO COMMERCE REPORTED			
WOODS HOLE CHANNEL, MASS.	2914 DISTILLATE FUEL OIL	1,986		
	4112 COMMODITIES, NEC	88,206		
	TOTAL	90,272	90,272	1,250,815
YORK HARBOR, MAINE	0912 SHELLFISH, EXCEPT PREPARED	60		
NONPROJECT				
CHARLES RIVER, MASS. (INCLUDED IN PORT OF BOSTON)	2915 RESIDUAL FUEL OIL	17,839	17,839	

NEW YORK, NY, DISTRICT

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PORT CHESTER HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM LONG ISLAND SOUND TO A POINT 100 FEET BELOW MILL STREET BRIDGE. CONTROLLING DEPTH: 12 FEET FROM LONG ISLAND SOUND TO UPPER LIMIT OF 12-FOOT PROJECT; BALANCE OF WATERWAY RANGES FROM 1 TO 10 FEET; 6 FEET IN ANCHORAGE AREA. PROJECT DEPTH: 12, 10 AND 3 FEET; 12 FEET IN ANCHORAGE AREA. ALL AT MEAN LOW WATER. PROJECT LENGTH: 1.7 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	406,620	1978	384,550
1974	318,537	1979	267,447
1975	289,248	1980	323,533
1976	259,757	1981	340,032
1977	295,687	1982	309,538

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	LOCAL
		RECEIPTS	RECEIPTS	
TOTAL	309,538	49,994	155,755	103,789
1442 SAND, GRAVEL, CRUSHED ROCK	209,749	49,994	155,755	
2911 GASOLINE	872			872
2914 DISTILLATE FUEL OIL	102,917			102,917
TOTAL TON-MILES	315,975			

EAST CHESTER CREEK, N. Y. (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 0.9 TO 8 FEET. PROJECT DEPTH: 10 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 5 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	1,974,777	1978	1,627,502
1974	1,935,192	1979	1,460,464
1975	1,575,743	1980	1,653,399
1976	1,367,380	1981	1,596,347
1977	1,363,524	1982	1,549,074

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	LOCAL
		RECEIPTS	RECEIPTS	
TOTAL	1,549,074	53,398	222,277	1,273,399
1442 SAND, GRAVEL, CRUSHED ROCK	275,675	53,398	222,277	
2911 GASOLINE	402,565			402,565
2913 KEROSENE	13,438			13,438
2914 DISTILLATE FUEL OIL	348,071			348,071
2915 RESIDUAL FUEL OIL	111,750			111,750
2991 PETROLEUM AND COAL PROD, NEC	1,571			1,571
TOTAL TON-MILES	7,432,720			

ARONX RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO EAST 172ND STREET. CONTROLLING DEPTH: 10 FEET FROM EAST RIVER TO BRUCKNER BOULEVARD BRIDGE; BALANCE OF WATERWAY RANGES FROM 1.3 TO 10 FEET. PROJECT DEPTH: 10 FEET; ALL AT MEAN LOW WATER; PROJECT LENGTH: 2.5 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	450,586	110,678	1978	292,085	121,570
1974	293,966	121,730	1979	215,029	267,210
1975	258,203	152,210	1980	418,781	249,480
1976	382,537	121,770	1981	338,931	132,360
1977	286,629	152,210	1982	264,786	317,420

Waterborne Commerce of the United States, 1982

HARLEM RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	LOCAL
		RECEIPTS	RECEIPTS	
TOTAL	268,766	77,118	86,291	101,431
1442 SAND, GRAVEL, CRUSHED ROCK	162,201	77,118	85,887	
3241 BUILDING CEMENT	1,154		1,154	
4011 IRON AND STEEL SCRAP	101,431			101,431
TOTAL TON-MILES	529,572			

WESTCHESTER CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO EAST TREMONT AVENUE BRIDGE. CONTROLLING DEPTH: 12 FEET FROM EAST RIVER TO UPSTREAM LIMIT PROJECT. PROJECT DEPTH: 12 FEET IN CHANNEL AND TURNING BASIN. ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.6 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	525,748	16,410	1978	589,926	
1974	439,898	18,050	1979	524,337	
1975	485,433		1980	578,105	
1976	560,458		1981	540,428	
1977	548,321		1982	687,224	

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL	687,224	4,483	1,680	481,101
2911 GASOLINE	188,458			188,458
2914 DISTILLATE FUEL OIL	298,869	4,483		292,386
2991 PETROLEUM AND COAL PROD, NEC	257			257
4029 WASTE AND SCRAP, NEC	1,680		1,680	
TOTAL TON-MILES	1,120,435			

FLUSHING BAY AND CREEK, N. Y. (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 5 TO 12 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

YEAR	TONS	YEAR	TONS
1973	2,745,007	1978	1,409,110
1974	2,359,574	1979	1,543,917
1975	1,953,276	1980	1,860,286
1976	1,569,289	1981	1,464,458
1977	1,448,185	1982	1,451,735

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL	LOCAL
		RECEIPTS	RECEIPTS	
TOTAL	1,451,735	26,501	530,185	891,049
1442 SAND, GRAVEL, CRUSHED ROCK	529,445	21,208	508,457	
2013 KEROSENE	8,291			8,291
2914 DISTILLATE FUEL OIL	236,271			236,271
2915 RESIDUAL FUEL OIL	154,410	5,293		150,117
3241 BUILDING CEMENT	25,728		25,728	
4029 WASTE AND SCRAP, NEC	498,370			498,370
TOTAL TON-MILES	3,189,408			

NEW YORK, NY, DISTRICT

HARLEM RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO HUDSON RIVER, CONTROLLING DEPTH: 15 FEET FROM EAST RIVER TO SPHYTEN DUYVIL P. S. BRIDGE; BALANCE OF WATERWAY RANGES FROM 14 TO 15 FEET. PROJECT DEPTH: 15 AND 18 FEET; ALL AT MEAN LOW WATER; PROJECT LENGTH: 7.4 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	ADDITIONAL TRAFFIC - RAILROAD FREIGHT CARS				YEAR	TONS	ADDITIONAL TRAFFIC - RAILROAD FREIGHT CARS			
		RECEIPTS		SHIPMENTS				RECEIPTS		SHIPMENTS	
		EMPTY	LOADED	EMPTY	LOADED			EMPTY	LOADED	EMPTY	LOADED
1973--	654,251	5	394	352	47	1978--	400,744	-----	-----	-----	-----
1974--	566,745	-----	7A	64	12	1979--	414,869	-----	-----	-----	-----
1975--	719,304	-----	-----	-----	-----	1980--	594,593	-----	-----	-----	-----
1976--	449,179	-----	-----	-----	-----	1981--	575,224	-----	-----	-----	-----
1977--	422,919	-----	-----	-----	-----	1982--	536,695	-----	-----	-----	-----

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL-----	536,695	147,054	113,172	276,469
1442 SAND, GRAVEL, CRUSHED ROCK-----	260,044	146,674	113,172	-----
2914 DISTILLATE FUEL OIL-----	103,064	-----	-----	103,064
2915 RESIDUAL FUEL OIL-----	173,401	-----	-----	173,401
3411 FABRICATED METAL PRODUCTS-----	1A0	1A0	-----	-----
TOTAL TON-MILES, 1,919,220.				

HUDSON RIVER, N. Y. (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: 11.3 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973-----	1,482,595	1,244,522	28,190,769	1978-----	547,403	450,005	23,845,003
1974-----	1,304,994	1,251,100	25,688,695	1979-----	753,949	1,116,936	22,113,861
1975-----	755,309	910,964	22,592,270	1980-----	641,331	1,104,469	21,569,420
1976-----	581,793	1,025,514	21,898,583	1981-----	874,533	1,012,391	16,153,609
1977-----	718,394	932,392	22,299,989	1982-----	742,957	479,686	15,967,544

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE		
				RECEIPTS	SHIPMENTS	
TOTAL-----	742,957	247,212	7,900	125,902	44,102	313,741
2061 SUGAR-----	366,574	247,212	-----	119,366	-----	-----
2062 MOLASSES-----	2,700	-----	2,700	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS-----	5,200	-----	5,200	-----	-----	-----
2011 GASOLINE-----	134,104	-----	-----	-----	-----	134,104
2914 DISTILLATE FUEL OIL-----	154,867	-----	-----	6,534	23,001	125,300
2915 RESIDUAL FUEL OIL-----	54,031	-----	-----	-----	-----	54,031
2991 PETROLEUM AND COAL PROD, NEC-----	254	-----	-----	-----	-----	254
4029 WASTE AND SCRAP, NEC-----	25,121	-----	-----	-----	25,121	-----
TOTAL TON-MILES, 276,940,628.						

Waterborne Commerce of the United States, 1982

HUDSON RIVER CHANNEL, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM DEEP WATER IN UPPER BAY TO A POINT OPPOSITE WEST 156TH STREET, MANHATTAN, CONTROLLING DEPT. 139 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. PROJECT DEPTH AND LENGTH: 40 FEET, 45 FEET AND 48 FEET FROM UPPER BAY TO OPPOSITE WEST 50TH STREET; 4 MILES, 50 FEET IN WEHAWKEN-EDGEWATER CHANNEL; 5 MILES, ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC					
				RAILROAD FREIGHT CARS					
				RECEIPTS		SHIPMENTS		LOCAL	
EMPTY	LOADED	EMPTY	LOADED	EMPTY	LOADED				
1973	9,233,628	3,717,760	29,154,177	19,190	2,553	1,268	25,093	14,169	9,339
1974	10,044,214	3,554,522	26,503,087	34,045	5,418	2,729	37,113	17,518	9,862
1975	9,035,307	3,380,374	23,108,913	35,110	2,679	1,068	29,247	11,891	14,570
1976	4,148,751	4,052,677	22,322,433	10,045	1,399	1,556	10,722	6,232	2,381
1977	3,912,153	4,329,114	23,010,593	1,198	6,897	7,200	1,117	2,272	905
1978	4,361,558	3,672,049	24,406,823	6,820	988	282	8,262	-----	-----
1979	4,128,937	3,582,377	22,882,905	785	6,423	6,241	887	-----	-----
1980	4,115,521	4,294,749	22,158,091	4,236	4,546	-----	199	-----	-----
1981	3,287,712	4,315,141	16,997,748	-----	-----	-----	-----	-----	-----
1982	3,423,164	4,140,978	16,529,569	-----	-----	-----	-----	-----	-----

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS		RECEIPTS	SHIPMENTS
TOTAL	3,423,164	1,230,344	517,555	133,362	3,715	143,073	14,858	1,380,257
0101 COTTON, RAW	223	-----	223	-----	-----	-----	-----	-----
0103 CORN	163	-----	163	-----	-----	-----	-----	-----
0105 RICE	151	133	18	-----	-----	-----	-----	-----
0106 SORGHUM GRAINS	532	-----	532	-----	-----	-----	-----	-----
0119 OILSEEDS, NEC	933	876	57	-----	-----	-----	-----	-----
0121 TORACCO, LEAF	20,190	19,932	258	-----	-----	-----	-----	-----
0129 FIELD CROPS, NEC	550	517	33	-----	-----	-----	-----	-----
0131 FRESH FRUITS	620	23	597	-----	-----	-----	-----	-----
0132 BANANAS AND PLANTAINS	2,706	2,609	97	-----	-----	-----	-----	-----
0133 COFFEE	90,114	13,752	342	-----	-----	-----	-----	76,020
0134 COCOA BEANS	10,371	10,371	-----	-----	-----	-----	-----	-----
0141 FRESH AND FROZEN VEGETABLES	2,002	1,147	855	-----	-----	-----	-----	-----
0151 LIVE ANIMALS	4	1	3	-----	-----	-----	-----	-----
0161 ANIMALS AND PRODUCTS, NEC	5,047	2,536	2,511	-----	-----	-----	-----	-----
0191 MISCELLANEOUS FARM PRODUCTS	613	602	11	-----	-----	-----	-----	-----
0841 CRUDE RUBBER AND ALLIED GUMS	2,299	2,077	222	-----	-----	-----	-----	-----
0861 FOREST PRODUCTS, NEC	4,749	4,363	386	-----	-----	-----	-----	-----
0911 FRESH FISH, EXCEPT SHELLFISH	1,462	1,010	452	-----	-----	-----	-----	-----
0912 SHELLFISH, EXCEPT PREPARED	1,941	1,858	83	-----	-----	-----	-----	-----
1011 IRON ORE AND CONCENTRATES	109	-----	109	-----	-----	-----	-----	-----
1051 ALUMINUM ORES, CONCENTRATES	2,222	1,987	235	-----	-----	-----	-----	-----
1061 MANGANESE ORES, CONCENTRATES	16	-----	16	-----	-----	-----	-----	-----
1091 NONFERROUS ORES, CONCENTRATES, NEC	212	171	41	-----	-----	-----	-----	-----
1121 COAL AND LIGNITE	237	-----	237	-----	-----	-----	-----	-----
1411 LIMESTONE	689	-----	689	-----	-----	-----	-----	-----
1482 SAND, GRAVEL, CRUSHED ROCK	276,667	892	2,607	129,012	-----	143,073	-----	1,083
1451 CLAY	6,501	4,885	1,616	-----	-----	-----	-----	-----
1491 SALT	30,909	30,315	594	-----	-----	-----	-----	-----
1492 SULPHUR, ORE	565	-----	565	-----	-----	-----	-----	-----
1899 NONMETALLIC MINERALS, NEC	2,196	247	1,949	-----	-----	-----	-----	-----
1911 ORNAMENTAL AND ACCESSORIES	1,455	479	976	-----	-----	-----	-----	-----
2011 MEAT, FRESH, CHILLED, FROZEN	19,231	14,958	4,273	-----	-----	-----	-----	-----
2012 MEAT AND PRODUCTS, NEC	3,253	1,109	2,144	-----	-----	-----	-----	-----
2014 TALLOW, ANIMAL FATS AND OILS	4,816	-----	4,816	-----	-----	-----	-----	-----
2015 ANIMAL BY-PRODUCTS, NEC	2,959	1,465	1,494	-----	-----	-----	-----	-----
2021 DAIRY PRODUCTS, NEC	5,773	5,701	72	-----	-----	-----	-----	-----
2022 DRIED MILK AND CREAM	1,455	3	1,452	-----	-----	-----	-----	-----
2031 FISH AND SHELLFISH, PREPARED	9,741	9,176	565	-----	-----	-----	-----	-----
2034 VEGETABLES AND PREP, NEC	40,616	40,849	3,727	-----	-----	-----	-----	-----
2039 PREP FRUIT AND VEG JUICE, NEC	16,676	14,290	2,386	-----	-----	-----	-----	-----
2041 WHEAT FLOUR AND SEMOLINA	226	-----	226	-----	-----	-----	-----	-----
2042 ANIMAL FEEDS	30,700	640	30,060	-----	-----	-----	-----	-----
2049 GRAIN MILL PRODUCTS, NEC	16,161	11,294	4,867	-----	-----	-----	-----	-----
2061 SUGAR	8,475	8,036	437	-----	-----	-----	-----	-----
2062 MOLASSES	26,132	26,052	80	-----	-----	-----	-----	-----
2081 ALCOHOLIC BEVERAGES	121,028	118,092	2,936	-----	-----	-----	-----	-----
2091 VEGETABLE OILS, WARG, SHORT	22,597	6,022	7,496	-----	-----	-----	-----	18,079
2092 ANIMAL OILS AND FATS, NEC	1,244	1,241	3	-----	-----	-----	-----	-----
2099 MISCELLANEOUS FOOD PRODUCTS	40,235	28,251	11,984	-----	-----	-----	-----	-----
2111 TORACCO MANUFACTURES	500	128	372	-----	-----	-----	-----	-----
2211 BASIC TEXTILE PRODUCTS	25,601	15,943	9,658	-----	-----	-----	-----	-----
2212 TEXTILE FIBERS, NEC	134	-----	134	-----	-----	-----	-----	-----
2311 APPAREL	19,140	18,083	1,057	-----	-----	-----	-----	-----
2411 LOGS	135	-----	135	-----	-----	-----	-----	-----
2413 FUEL WOOD, CHARCOAL, WASTES	2,380	-----	2,380	-----	-----	-----	-----	-----
2416 WOOD CHIPS, STAVES, MOLDINGS	2,006	1,905	101	-----	-----	-----	-----	-----
2421 LUMBER	18,721	14,397	4,324	-----	-----	-----	-----	-----
2431 VENEER, PLYWOOD, WORKED WOOD	771	410	361	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC	3,379	2,692	687	-----	-----	-----	-----	-----
2511 FURNITURE AND FIXTURES	11,632	9,438	2,194	-----	-----	-----	-----	-----
2611 PULP	4,448	2,807	1,641	-----	-----	-----	-----	-----
2631 PAPER AND PAPERMANUFACTURES	19,456	2,230	17,026	-----	-----	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC	12,005	2,923	9,082	-----	-----	-----	-----	-----
2711 PRINTED MATTER	14,862	4,865	9,977	-----	-----	-----	-----	-----
2810 SODIUM HYDROXIDE	5,962	-----	5,962	-----	-----	-----	-----	5,962
2811 CRUDE TAR, OIL, GAS PRODUCTS	49	-----	49	-----	-----	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS	1,249	-----	1,249	-----	-----	-----	-----	-----
2813 ALCOHOLS	14	-----	14	-----	-----	-----	-----	-----
2816 RADIOACTIVE MATERIALS, WASTES	124	52	72	-----	-----	-----	-----	-----
2819 FERTILIZERS AND PRODUCTS	54,369	28,939	22,431	3,099	-----	-----	-----	-----

NEW YORK, NY, DISTRICT

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HUDSON RIVER CHANNEL, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)—CONTINUED

FREIGHT TRAFFIC, 1982—CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2821 PLASTIC MATERIALS-----	50,443	19,209	31,234					
2822 SYNTHETIC RUBBER-----	1,965		1,965					
2823 SYNTHETIC (MAN-MADE) FIBERS-----	3,352	2,333	1,019					
2831 DRUGS-----	3,099	1,322	1,777					
2841 SOAP-----	11,254	2,224	9,030					
2851 PAINTS-----	13,031	9,141	3,890					
2861 GUM AND WOOD CHEMICALS-----	63	22	41					
2871 NITROGENOUS CHEM FERTILIZERS-----	351	2	349					
2873 PHOSPHATIC CHEM FERTILIZERS-----	87	3	84					
2876 INSECTICIDES, DISINFECTANTS-----	1,688	665	1,023					
2879 FERTILIZER AND MATERIALS, NEC-----	69		69					
2891 MISCELLANEOUS CHEMICAL PROD-----	23,786	4,276	19,510					
2911 GASOLINE-----	10,975	9,013	1,962		910			
2913 KEROSENE-----	31,454	19,313	12,141					11,837
2914 DISTILLATE FUEL OIL-----	94,947	2,131	92,816		1,537			91,279
2915 RESIDUAL FUEL OIL-----	468,004	330,298	137,706				14,458	522,852
2916 LUBRICATING OILS AND GREASES-----	62,181	54,767	7,414					251
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,251		1,251					
2918 ASPHALT, TAR, AND BITUMENS-----	4,926	4,705	221					
2920 COKE, PETROLEUM COKE-----	688		688					
2921 LIQUEFIED GASES-----	292	6	286					
2951 ASPHALT BUILDING MATERIALS-----	1,459		1,459					
2991 PETROLEUM AND COAL PROD, NEC-----	2,937	569	2,368		1,259			210
3011 RUBBER AND MISC PLASTIC PROD-----	22,350	14,635	7,715					
3111 LEATHER AND LEATHER PRODUCTS-----	15,820	10,680	5,140					
3211 GLASS AND GLASS PRODUCTS-----	17,576	10,299	7,277					
3241 BUILDING CEMENT-----	19,684	19,173	511					
3251 STRUCTURAL CLAY PRODUCTS-----	12,638	9,322	3,316					
3271 LIME-----	34	28	6					
3281 CUT STONE AND STONE PRODUCTS-----	7,289	7,220	69					
3291 MISC NONMETALLIC MINERAL PROD-----	14,566	11,191	3,375					
3314 IRON AND STEEL PRIMARY FORMS-----	118	62	56					
3315 IRON, STEEL SHAPES, EXC SHEET-----	25,272	24,227	1,045					
3316 IRON AND STEEL PLATES, SHEETS-----	4,612		4,612					
3317 IRON AND STEEL PIPE AND TUBE-----	5,027	2,995	2,032					
3318 FERROALLOYS-----	292	272	20					
3319 IRON AND STEEL PRODUCTS, NEC-----	3,378	2,669	709					
3321 NONFERROUS METALS, NEC-----	3,809	2,078	1,731					
3322 COPPER ALLOYS, UNWORKED-----	12,085	11,323	762					
3323 LEAD AND ZINC, UNWORKED-----	675	381	294					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	7,107	5,831	1,276					
3411 FABRICATED METAL PRODUCTS-----	54,811	38,882	15,929					
3511 MACHINERY, EXCEPT ELECTRICAL-----	54,882	24,688	30,194					
3611 ELECTRICAL MACH AND EQUIP-----	48,536	28,814	19,722					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	28,374	15,033	13,341					
3721 AIRCRAFT AND PARTS-----	845	110	735					
3731 SHIPS AND BOATS-----	480	180	300					
3771 MISC TRANSPORTATION EQUIPMENT-----	4,699	3	4,696					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	17,651	5,379	12,272					
3911 MISC MANUFACTURED PRODUCTS-----	30,141	26,670	3,471					
4011 IRON AND STEEL SCRAP-----	52,136	2	21,471					30,663
4012 NONFERROUS METAL SCRAP-----	5,410	641	4,769					
4022 TEXTILE WASTE, SCRAP, SWEEP-----	10,372	33	10,339					
4024 PAPER WASTE AND SCRAP-----	66,043	51	65,992					622,626
4029 WASTE AND SCRAP, NEC-----	622,626							3,415
4111 WATER-----	3,415							
4112 COMMODITIES, NEC-----	11,709	4,283	7,426					
9999 DEPARTMENT OF DEFENSE AND SCI-----	6,975		6,975					
TOTAL TON-MILES, 198,355,490.								

EAST RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM UPPER NEW YORK BAY TO THRUSS 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

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC				TOTAL TON-MILES ACCOMPANYING PASSENGERS
				RAILROAD FREIGHT CARS				
				RECEIPTS EMPTY	LOADED	SHIPMENTS EMPTY	LOADED	
1973-----	24,831,417	18,912,028	30,939,499	1,341	22,182	19,401	2,710	453,422
1974-----	18,122,834	19,914,318	29,879,548	2,737	37,121	34,679	5,420	643,722
1975-----	16,310,727	18,010,127	27,635,519	1,074	29,262	35,134	2,820	651,443
1976-----	14,083,927	18,051,730	27,722,643	1,552	9,984	10,045	1,390	654,371
1977-----	17,889,898	17,706,868	27,487,848	7,240	1,117	1,198	6,897	545,444
1978-----	16,193,852	18,635,431	29,000,787	282	8,262	6,426	984	426,444
1979-----	18,676,735	19,262,178	24,627,148	4,201	867	785	4,423	599,244
1980-----	18,569,869	18,253,933	30,054,102	6,159	5,364	4,817	6,550	479,407
1981-----	12,680,540	20,462,451	29,427,108	1,591	6,765	4,554	1,944	
1982-----	11,957,435	19,930,280	31,049,134	1,452	8,014	7,474	2,201	456,725

Waterborne Commerce of the United States, 1982

EAST RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	11,957,435	1,997,863	263,393	865,715	155,904	378,846	2,279,911	6,015,803
0101 COTTON, RAW	13		13					
0103 CORN	1,278			1,278				
0105 RICE	46			46				
0106 SORGHUM GRAINS	42			42				
0111 SOYBEANS	3			3				
0119 OILSEEDS, NFC	53		6	47				
0121 TOBACCO, LEAF	843	740		103				
0129 FIELD CROPS, NFC	363	332		31				
0131 FRSH FRUITS	139	23		116				
0132 BANANAS AND PLANTAINS	290,954	290,954						
0133 COFFEE	73,613	63,363		24				10,226
0134 COCOA BEANS	2,515	2,404		111				
0141 FRSH AND FROZEN VEGETABLES	2,345	934	1,411					
0161 ANIMALS AND PRODUCTS, NEC	694	325	369					
0191 MISCELLANEOUS FARM PRODUCTS	63	11	52					
0841 CRUDE RUBBER AND ALLIED GUMS	546	505	41					
0861 FOREST PRODUCTS, NEC	1,233	721	512					
0911 FRESH FISH, EXCEPT SHELLFISH	139		139					
0912 SHELLFISH, EXCEPT PREPARED	3,312	3,291	21					
1051 ALUMINUM ORES, CONCENTRATED	47		47					
1091 NONFERROUS ORES, CONCENT, NEC	849	844	25					
1121 COAL AND LIGNITE	173		173					
1311 CRUDE PETROLEUM	344	344						
1411 LIMESTONE	351		351					
1412 BUILDING STONE, UNWORKED	432		432					
1442 SAND, GRAVEL, CRUSHED ROCK	225,064	127	247	33,850		190,840		
1451 CLAY	2,400	846	2,004					
1491 SALT	229		229					
1492 SULPHUR, DRY	20		20					
1499 NONMETALLIC MINERALS, NEC	5,168	46	5,122					
1911 ORDNANCE AND ACCESSORIES	346		346					
2011 MEAT, FRESH, CHILLED, FROZEN	3,464	317	3,147					
2012 MEAT AND PRODUCTS, NEC	206	20	186					
2014 TALLOW, ANIMAL FATS AND OILS	12,094		12,094					
2015 ANIMAL BY-PRODUCTS, NEC	66	27	39					
2021 DAIRY PRODUCTS, NEC	83	21	62					
2022 DRIED MILK AND CREAM	91		91					
2031 FISH AND SHELLFISH, PREPARED	846	747	99					
2034 VEGETABLES AND PREP, NEC	1,399	669	730					
2039 PREP FRUIT AND VEG JUICE, NFC	40,460	39,544	916					
2041 WHEAT FLOUR AND SEMOLINA	60		60					
2042 ANIMAL FEEDS	1,386	98	1,288					
2049 GRAIN MILL PRODUCTS, NFC	2,424	169	2,255					
2061 SUGAR	184,489	86,549	180	101,760				
2062 MOLASSES	11,347		3,136	8,211				
2081 ALCOHOLIC BEVERAGES	433	55	378					
2091 VEGETABLE OILS, MARG, SHORT	16,998	9,700	398					6,900
2092 ANIMAL OILS AND FATS, NEC	2		2					
2099 MISCELLANEOUS FOOD PRODUCTS	11,456	7,449	3,787					
2111 TOBACCO MANUFACTURES	40	16	24					
2211 BASIC TEXTILE PRODUCTS	7,695	2,119	5,576					
2212 TEXTILE FIBERS, NEC	27		27					
2311 APPAREL	459	258	601					
2411 LOGS	241	164	77					
2413 FUEL WOOD, CHARCOAL, WASTES	92		92					
2416 WOOD CHIPS, STAVES, HOLDINGS	34	31	5					
2421 LUMBER	62,714	62,452	266					
2431 VENEER, PLYWOOD, WORKED WOOD	46	23	23					
2491 WOOD MANUFACTURES, NEC	698	368	330					
2511 FURNITURE AND FIXTURES	775	195	580					
2611 PULP	158		158					
2631 PAPER AND PAPERBOARD	10,865	859	10,006					
2691 PULP AND PAPER PRODUCTS, NEC	1,575	41	1,534					
2711 PRINTED MATTER	3,687	1,202	2,485					
2811 CRUDE TAR, OIL, GAS PRODUCTS	23		23					
2812 DYES, PIGMENT, TANNING MATS	481		481					
2813 ALCOHOLS	18		18					
2816 RADIOACTIVE MATERIALS, WASTES	4		4					
2819 BASIC CHEMICALS AND PROD, NEC	21,414	3,116	18,298					
2921 PLASTIC MATERIALS	13,361	1,127	12,234					
2922 SYNTHETIC RUBBER	2,213		2,213					
2923 SYNTHETIC (MAN-MADE) FIBERS	285	82	203					
2931 DRUGS	884	129	759					
2941 SOAP	4,450	1,226	3,224					
2951 PAINTS	1,450	83	1,367					
2961 GUM AND WOOD CHEMICALS	59		59					
2971 NITROGENOUS CHEM FERTILIZERS	96		96					
2974 INSECTICIDES, DISINFECTANTS	368		368					
2979 FERTILIZER AND MATERIALS, NEC	3,742		4					3,738
2891 MISCELLANEOUS CHEMICAL PROD	8,602	814	7,688					
2899 GASOLINE	20,389		271				2,114	18,004
2912 JET FUEL	842							842
2913 KEROSENE	27,491	16,048	17			711		10,919
2914 DISTILLATE FUEL OIL	934,095		2	81,026		45,901	2,115	707,967
2915 RESIDUAL FUEL OIL	6,357,650	1,359,032		469,079		44,434	75,203	4,145,702
2916 LUBRICATING OILS AND GREASES	6,051		4,207					1,844
2918 ASPHALT, TAR, AND BITUMENS	264		264					
2920 COKE, PETROLEUM COKE	212		212					
2921 LIQUEFIED GASES	104		104					
2951 ASPHALT BUILDING MATERIALS	120		120					
2991 PETROLEUM AND COAL PROD, NFC	9,429	1,229	701					7,699
3011 RUBBER AND MISC PLASTIC PROD	3,127	1,076	2,251					

NEW YORK, NY, DISTRICT

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EAST RIVER, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL	
		IMPORTS	EXPORTS	COASTWISE			INTERNAL
				RECEIPTS	SHIPMENTS		RECEIPTS
3111 LEATHER AND LEATHER PRODUCTS	5,838	5,619	219				
3211 GLASS AND GLASS PRODUCTS	1,406	66	1,340				
3241 BUILDING CEMENT	159,399		508		158,891		
3251 STRUCTURAL CLAY PRODUCTS	1,418	76	1,342				
3271 LIME	268		268				
3281 CUT STONE AND STONE PRODUCTS	761	752	9				
3291 MISC NONMETALLIC MINERAL PROD	2,102	696	1,406				
3314 IRON AND STEEL PRIMARY FORMS	471	433	38				
3315 IRON, STEEL SHAPES, EXC SHEET	3,064	2,200	864				
3316 IRON AND STEEL PLATES, SHEETS	13,099		13,099				
3317 IRON AND STEEL PIPE AND TUBE	3,502	1,213	2,289				
3318 FERROALLOYS	23		23				
3319 IRON AND STEEL PRODUCTS, NEC	950	163	787				
3321 NONFERROUS METALS, NEC	3,675	2,344	1,331				
3322 COPPER ALLOYS, UNWORKED	11,675	9,676	1,999			533	
3323 LEAD AND ZINC, UNWORKED	3,177	2,750	427				
3324 ALUMINUM AND ALLOYS, UNWORKED	524	14	510				
3411 FABRICATED METAL PRODUCTS	8,269	1,979	6,290				
3511 MACHINERY, EXCEPT ELECTRICAL	29,416	2,179	27,237				
3611 ELECTRICAL MACH AND EQUIP	21,031	213	20,818				
3711 MOTOR VEHICLES, PARTS, EQUIP	15,800	1,558	14,242				
3721 AIRCRAFT AND PARTS	90		90				
3731 SHIPS AND BOATS	90		90				
3791 MISC TRANSPORTATION EQUIPMENT	2,144	205	1,939				
3811 INSTR, TIME, PHOTO, OPT GOODS	2,240	92	2,148				
3911 MISC MANUFACTURED PRODUCTS	1,172	310	862				
4011 IRON AND STEEL SCRAP	102,494	41	25,419	14,447		62,491	
4012 NONFERROUS METAL SCRAP	756		756				
4022 TEXTILE WASTE, SCRAP, SWEEP	16,572	1,081	15,491				
4024 PAPER WASTE AND SCRAP	1,533		1,533				
4029 WASTE AND SCRAP, NEC	3,124,579				2,700,440	924,139	
4111 WATER	4,288					4,288	
4112 COMMODITIES, NEC	1,974	824	1,150			81	
9999 DEPARTMENT OF DEFENSE AND SCI	569		569				
TOTAL TON-MILES	577,703,941						

NEWTOWN CREEK, N. Y. (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

YEAR	TONS	YEAR	TONS
1973	5,272,950	1978	4,209,403
1974	5,418,247	1979	3,275,214
1975	4,666,772	1980	3,446,870
1976	4,557,921	1981	2,966,744
1977	4,399,921	1982	2,109,603

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL	LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	
TOTAL	2,109,603	180,408	36,639	179,161	1,712,995
1442 SAND, GRAVEL, CRUSHED ROCK	341,141	161,574	1,143	179,380	
1499 NONMETALLIC MINERALS, NEC	1,300				1,300
2018 SULPHURIC ACID	1,750	1,750			
2911 GASOLINE	410,439	2,123			408,316
2913 KEROSENE	30,350				30,350
2914 DISTILLATE FUEL OIL	385,164	2,224			382,936
2915 RESIDUAL FUEL OIL	135,208				135,208
2917 NAPHTHA, PETROLEUM SOLVENTS	20,293				20,293
2991 PETROLEUM AND COAL PROD, NEC	19,234				19,234
3322 COPPER ALLOYS, UNWORKED	43,143	13,129	29,521		533
4011 IRON AND STEEL SCRAP	156,134			781	155,357
4029 WASTE AND SCRAP, NEC	365,443		5,975		359,468
TOTAL TON-MILES	3,278,495				

Waterborne Commerce of the United States, 1982

HUTTENRILK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM EAST RIVER TO ANCHORAGE CHANNEL. CONTROLLING DEPTH: 35-FOOT PROJECT WESTERNLY 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

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC			
				RAILROAD FREIGHT CARS		SHIPMENTS	
				EMPTY	LOADED	EMPTY	LOADED
1973	1,952,598	28	664,129	567	8,314	5,797	3,403
1974	2,237,872	907	733,194	499	9,116	7,680	2,110
1975	1,668,704	26	694,469	224	7,034	6,042	1,331
1976	1,353,042	5	674,762	160	5,707	4,443	1,133
1977	1,645,738	6	447,126	816	4,594	4,052	967
1978	1,502,167	-----	744,107	130	3,762	3,048	130
1979	1,123,423	-----	551,819	-----	-----	-----	-----
1980	1,120,740	-----	412,261	12	350	398	34
1981	995,534	-----	455,018	-----	-----	-----	-----
1982	777,571	-----	431,623	69	2625	2430	160

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC
		IMPORTS	EXPORTS	LOCAL
TOTAL	777,571	438,568	208,680	130,323
0101 COTTON, RAW	8	8	-----	-----
0103 CORN	103	-----	103	-----
0105 RICE	271	271	-----	-----
0106 SOYBEAN GRAINS	1	-----	1	-----
0111 SOYBEANS	57	-----	57	-----
0119 OILSEEDS, NEC	263	-----	263	-----
0121 TORACED, LFAP	1,869	1,460	9	-----
0129 FIELD CROPS, NEC	6,715	6,695	20	-----
0131 FRSH FRUITS	780	23	766	-----
0132 BANANAS AND PLANTAINS	5,172	5,172	-----	-----
0133 COFFEE	130,374	112,099	239	18,036
0134 COCOA BEANS	416	416	-----	-----
0141 FRESH AND FROZEN VEGETABLES	2,057	1,541	516	-----
0151 LIVE ANIMALS	9	9	-----	-----
0161 ANIMALS AND PRODUCTS, NEC	1,580	568	1,012	-----
0191 MISCELLANEOUS FARM PRODUCTS	106	97	9	-----
0841 CRUDE RUBBER AND ALLIED GUMS	7,843	7,697	146	-----
0861 FOREST PRODUCTS, NEC	29,723	29,404	319	-----
0911 FRESH FISH, EXCEPT SHELLFISH	806	790	16	-----
0912 SHELLFISH, EXCEPT PREPARED	3,319	3,318	1	-----
1011 IRON ORE AND CONCENTRATES	190	-----	190	-----
1051 ALUMINUM ORES, CONCENTRATES	64	-----	64	-----
1091 NONFERROUS ORES, CONCENT, NEC	5,237	5,234	3	-----
1121 COAL AND LIGNITE	57	-----	57	-----
1411 LIMESTONE	230	23	207	-----
1442 SAND, GRAVEL, CRUSHED ROCK	904	531	413	-----
1451 CLAY	1,612	654	958	-----
1491 SALT	168	-----	168	-----
1492 SULPHUR, DRY	82	-----	82	-----
1499 NONMETALLIC MINERALS, NEC	1,419	973	446	-----
1911 ORDNANCE AND ACCESSORIES	205	92	113	-----
2011 MEAT, FRESH, CHILLED, FROZEN	1,633	205	1,428	-----
2012 MEAT AND PRODUCTS, NEC	1,070	1,017	53	-----
2014 TALLOW, ANIMAL FATS AND OILS	17,987	-----	17,987	-----
2015 ANIMAL BY-PRODUCTS, NEC	1,141	1,068	73	-----
2021 DAIRY PRODUCTS, NEC	502	498	4	-----
2022 DRIED MILK AND CREAM	212	-----	212	-----
2031 FISH AND SHELLFISH, PREPARED	1,774	1,696	78	-----
2034 VEGETABLES AND PREP, NEC	3,941	3,756	235	-----
2039 PREP FRUIT AND VEG JUICE, NEC	24,776	24,612	164	-----
2041 WHEAT FLOUR AND SEMOLINA	36	-----	36	-----
2042 ANIMAL FEEDS	1,340	93	1,247	-----
2049 GRAIN MILL PRODUCTS, NEC	1,420	1,294	635	-----
2061 SUGAR	7,203	7,202	1	-----
2062 MOLASSES	166	-----	166	-----
2081 ALCOHOLIC BEVERAGES	3,314	2,982	336	-----
2091 VEGETABLE OILS, MARG, SHORT	14,017	14,039	234	6,844
2099 MISCELLANEOUS FOOD PRODUCTS	36,493	34,352	2,141	-----
2111 TOBACCO MANUFACTURES	152	2	150	-----
2211 BASIC TEXTILE PRODUCTS	21,527	17,974	3,553	-----
2212 TEXTILE FIBERS, NEC	2,674	2,670	-----	-----
2311 APPAREL	5,535	4,741	754	-----
2411 LOGS	204	66	142	-----
2413 FUEL WOOD, CHARCOAL, WASTES	4	-----	4	-----
2414 WOOD CHIPS, STAVES, BUILDINGS	24	26	-----	-----
2421 LUMBER	1,444	1,461	367	-----
2431 VENEER, PLYWOOD, WORKED WOOD	1,454	1,434	22	-----
2491 WOOD MANUFACTURES, NEC	1,644	1,349	295	-----
2511 FURNITURE AND FIXTURES	1,304	690	615	-----
2611 PULP	1,154	845	310	-----
2631 PAPER AND PAPERBOARD	7,779	2,411	5,368	-----
2691 PULP AND PAPER PRODUCTS, NEC	2,014	401	1,617	-----
2711 PRINTED MATTER	1,954	415	1,543	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS	24	-----	24	-----
2812 DYES, PIGMENT, TANNING MATS	374	-----	374	-----
2813 ALCOHOLS	134	-----	134	-----
2916 RADIOACTIVE MATERIALS, WASTE	5	2	3	-----

NEW YORK, NY, DISTRICT

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BUTTERMILK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1942--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC
		IMPORTS	EXPORTS	LOCAL
2819 BASIC CHEMICALS AND PROD, NEC	26,382	8,240	18,142	
2821 PLASTIC MATERIALS	14,078	7,885	6,193	
2822 SYNTHETIC RUBBER	314		314	
2823 SYNTHETIC (MAN-MADE) FIBERS	2,303	2,136	167	
2831 DRUGS	1,782	762	1,020	
2841 SOAP	4,110	1,988	2,122	
2851 PAINTS	2,203	1,197	1,006	
2861 GUM AND WOOD CHEMICALS	79	24	55	
2871 NITROGENOUS CHEM FERTILIZERS	488		488	
2873 PHOSPHATIC CHEM FERTILIZERS	387		387	
2876 INSECTICIDES, DISINFECTANTS	1,767	587	1,210	
2879 FERTILIZER AND MATERIALS, NEC	99		99	
2891 MISCELLANEOUS CHEMICAL PROD	5,244	1,213	4,071	
2911 GASOLINE	283		283	
2914 DISTILLATE FUEL OIL	17,592			17,592
2915 RESIDUAL FUEL OIL	122,083	56,503		65,580
2916 LUBRICATING OILS AND GREASES	4,720		2,928	1,792
2918 ASPHALT, TAR, AND BITUMENS	231		231	
2920 COKE, PETROLEUM COKE	28		28	
2921 LIQUEFIED GASES	318		318	
2951 ASPHALT BULIDING MATERIALS	146		146	
2991 PETROLEUM AND COAL PROD, NEC	1,102	878	224	
3011 RUBBER AND MISC PLASTIC PROD	4,437	3,919	258	
3111 LEATHER AND LEATHER PRODUCTS	12,158	9,489	2,669	
3211 GLASS AND GLASS PRODUCTS	2,240	976	1,264	
3241 BUILDING CEMENT	182		182	
3251 STRUCTURAL CLAY PRODUCTS	2,911	2,582	329	
3271 LIME	44		44	
3281 CUT STONE AND STONE PRODUCTS	3,317	3,316	1	
3291 MISC NONMETALLIC MINERAL PROD	3,214	2,251	963	
3314 IRON AND STEEL PRIMARY FORMS	28	2	26	
3315 IRON, STEEL SHAPES, EXC SHEET	6,062	5,086	996	
3316 IRON AND STEEL PLATES, SHEETS	10,010		10,010	
3317 IRON AND STEEL PIPE AND TUBE	7,122	5,181	1,941	
3318 FERROALLOYS	14	13	1	
3319 IRON AND STEEL PRODUCTS, NEC	708	257	451	
3321 NONFERROUS METALS, NEC	4,373	3,305	1,068	
3322 COPPER ALLOYS, UNWORKED	18,178	8,681	9,337	
3323 LEAD AND ZINC, UNWORKED	2,834	2,755	79	
3324 ALUMINUM AND ALLOYS, UNWORKED	1,445	888	557	
3411 FABRICATED METAL PRODUCTS	21,773	15,625	5,048	
3511 MACHINERY, EXCEPT ELECTRICAL	29,586	4,270	25,316	
3611 ELECTRICAL MACH AND EQUIP	12,730	2,183	10,547	
3711 MOTOR VEHICLES, PARTS, EQUIP	10,656	1,229	9,427	
3721 AIRCRAFT AND PARTS	274	4	270	
3731 SHIPS AND BOATS	74	6	68	
3791 MISC TRANSPORTATION EQUIPMENT	2,276	438	1,840	
3811 INSTR, TIME, PHOTO, OPT GOODS	2,171	168	2,003	
3911 MISC MANUFACTURED PRODUCTS	2,153	1,123	1,030	
4011 IRON AND STEEL SCRAP	6,583		6,583	
4012 NONFERROUS METAL SCRAP	2,487	29	2,458	
4022 TEXTILE WASTE, SCRAP, SWEEP	5,878	845	5,033	
4024 PAPER WASTE AND SCRAP	2,041	52	1,989	
4111 WATER	500		500	
4112 COMMODITIES, NEC	2,257	1,019	1,238	
9999 DEPARTMENT OF DEFENSE AND SCI	9,365		9,365	
TOTAL TON-MILES	2,450,057			

RAY RIDGE AND RED HOOK CHANNELS, N. Y.
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM NARROWS TO BUTTERMILK CHANNEL. CONTROLLING DEPTH: 40 FEET FROM NARROWS TO 60TH STREET PIER, BROOKLYN
BALANCE OF WATERWAY RANGES FROM 30 TO 37 FEET. PROJECT DEPTH: 40 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 4 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC			
				RAILROAD FREIGHT CARS		SHIPMENTS	
				RECEIPTS	LOADS	EMPTY	LOADS
1973	2,562,735	11,518	3,358,770	111	226	103	5
1974	2,813,738	17,048	2,878,280	18	107	52	10
1975	2,739,355	4,513	2,575,592	788	7,256	25	1
1976	2,836,904	8,856	2,600,562				
1977	2,457,885	118,452	3,117,239				
1978	2,301,608	218,133	2,620,589	1,156	128	21	1,267
1979	1,683,504		2,379,412	161	4,880	4,141	1,065
1980	1,937,273		2,006,237	90	1,901	1,685	220
1981	2,059,639		1,457,815				
1982	1,595,006		1,375,991				

Waterborne Commerce of the United States, 1982

HAY RIDGE AND RED HOOK CHANNELS, N. Y.
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL	1,595,096	450,744	247,829	50,100	11,837	1,937	120,146	512,463
0103 CORN	291	19	272					
0105 RICE	237	203	34					
0106 SOYBEAN GRAINS	134		134					
0111 SOYBEANS	20		20					
0119 OILSEEDS, NEC	155	155						
0121 TOBACCO, LEAF	1,759	1,714	45					
0129 FIELD CROPS, NEC	3,348	3,216	132					
0131 FRESH FRUITS	1,279	417	862					
0132 BANANAS AND PLANTAINS	1,773	1,773						
0133 COFFEES	55,214	43,252	31					11,931
0134 COCOA BEANS	1,479	1,479						
0141 FRESH AND FROZEN VEGETABLES	1,177	459	718					
0161 ANIMALS AND PRODUCTS, NEC	409	650	159					
0191 MISCELLANEOUS FARM PRODUCTS	37	37						
0441 CRUDE RUBBER AND ALLIED GUMS	1,554	1,500	54					
0461 FOREST PRODUCTS, NEC	3,405	3,679	126					
0911 FRESH FISH, EXCEPT SHELLFISH	1,174	1,097	77					
0912 SHELLFISH, EXCEPT PREPARED	1,915	1,870	45					
1051 ALUMINUM ORES, CONCENTRATES	19		19					
1091 NONFERROUS ORES, CONCENTR., NEC	60	58	2					
1121 COAL AND LIGNITE	347		347					
1311 CRUDE PETROLEUM	9		9					
1411 LIMESTONE	216		216					
1412 BUILDING STONE, UNWORKED	1,992		1,992					
1442 SAND, GRAVEL, CRUSHED ROCK	3,269	1,017	315			1,937		
1451 CLAY	1,206	20	986					
1491 SALT	60	2	58					
1499 NONMETALLIC MINERALS, NEC	1,267	1	1,266					
1911 ORDNANCE AND ACCESSORIES	1,001	188	813					
2011 MEAT, FRESH, CHILLED, FROZEN	4,230	641	3,597					
2012 MEAT AND PRODUCTS, NEC	13,644	12,741	903					
2014 TALLOW, ANIMAL FATS AND OILS	19,604		14,827					4,781
2015 ANIMAL BY-PRODUCTS, NEC	2,251	1,184	1,067					
2021 DAIRY PRODUCTS, NEC	2,169	2,145	24					
2022 DRIED MILK AND CREAM	212		212					
2031 FISH AND SHELLFISH, PREPARED	2,414	2,142	272					
2034 VEGETABLES AND PREP, NEC	16,435	15,235	1,600					
2039 PREP FRUIT AND VEG JUICE, NEC	15,544	15,118	470					
2041 WHEAT FLOUR AND SEMOLINA	202		202					
2042 ANIMAL FEEDS	2,048	331	1,717					
2049 GRAIN MILL PRODUCTS, NEC	7,915	4,776	3,139					
2061 SUGAR	155,871	105,624	147	50,100				
2062 MOLASSES	5,428		560		4,894			
2081 ALCOHOLIC BEVERAGES	16,843	15,892	951					
2091 VEGETABLE OILS, MARG, SHORT	13,264	9,667	1,123		1,082			1,392
2092 ANIMAL OILS AND FATS, NEC	31		31					
2099 MISCELLANEOUS FOOD PRODUCTS	25,648	19,804	5,844					
2111 TOBACCO MANUFACTURES	106		106					
2211 BASIC TEXTILE PRODUCTS	15,354	11,098	4,256					
2212 TEXTILE FIBERS, NEC	516	506	10					
2311 APPAREL	4,309	3,632	677					
2411 LOGS	334		334					
2413 FUEL WOOD, CHARCOAL, WASTES	321		321					
2414 TIMBER, POSTS, POLES, PILING	16	16						
2416 WOOD CHIPS, STAVES, MULDINGS	5							
2421 LUMBER	2,929	852	2,077					
2431 VENEER, PLYWOOD, WORKED WOOD	1,766	1,762	4					
2491 WOOD MANUFACTURES, NEC	1,831	1,190	641					
2511 FURNITURE AND FIXTURES	27,821	26,182	1,639					
2611 PULP	206	179	27					
2631 PAPER AND PAPERBOARD	10,054	5,759	4,295					
2691 PULP AND PAPER PRODUCTS, NEC	7,049	751	6,318					
2711 PRINTED MATTER	2,390	1,272	1,118					
2811 CRUDE TAR, OIL, GAS PRODUCTS	48		48					
2812 DYES, PIGMENT, TANNING MATS	285		285					
2813 ALCOHOLS	5		5					
2819 BASIC CHEMICALS AND PROD, NEC	13,134	7,296	5,838					
2921 PLASTIC MATERIALS	17,452	4,445	13,407					
2922 SYNTHETIC RUBBER	336		336					
2923 SYNTHETIC (MAN-MADE) FIBERS	669	245	344					
2931 DRUGS	2,458	1,614	1,244					
2941 SOAP	4,625	1,301	3,324					
2951 PAINTS	3,553	1,365	2,188					
2961 GUM AND WOOD CHEMICALS	40		40					
2971 NITROGENOUS CHEM FERTILIZERS	210		210					
2973 PHOSPHATIC CHEM FERTILIZERS	564		564					
2976 INSECTICIDES, DISINFECTANTS	718	213	508					
2979 FERTILIZER AND MATERIALS, NEC	148		148					
2991 MISCELLANEOUS CHEMICAL PROD	4,560	534	4,022					
2911 GASOLINE	4,102		245		1,457			
2912 JET FUEL	4,090						4,090	
2913 KEROSENE	10,919							10,919
2914 DISTILLATE FUEL OIL	21,931		115					21,916
2915 RESIDUAL FUEL OIL	127,620							127,620
2916 LUBRICATING OILS AND GREASES	4,088	6	3,124					954
2917 NAPHTHA, PETROLEUM SOLVENTS	23							23
2918 ASPHALT, TAR, AND BITUMENS	450		450					
2920 CORE, PETROLEUM COKE	8		8					
2921 LIQUEFIED GASES	1,969		1,969					
2951 ASPHALT BUILDING MATERIALS	433		433					
2991 PETROLEUM AND COAL PROD, NEC	401	317	84					

NEW YORK, NY, DISTRICT

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MAY RIDGE AND RED HOOK CHANNELS, N. Y.
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1962--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3011 RUBBER AND MISC PLASTIC PROD.....	4,579	5,243	3,336					
3111 LEATHER AND LEATHER PRODUCTS.....	12,979	12,307	672					
3211 GLASS AND GLASS PRODUCTS.....	13,906	12,404	1,502					
3241 BUILDING CEMENT.....	80		80					
3251 STRUCTURAL CLAY PRODUCTS.....	10,366	9,130	1,236					
3271 LIME.....	2		2					
3281 CUT STONE AND STONE PRODUCTS.....	8,430	8,797	33					
3291 MISC NONMETALLIC MINERAL PROD.....	3,578	2,231	1,347					
3314 IRON AND STEEL PRIMARY FORMS.....	570	455	115					
3315 IRON, STEEL SHAPES, EXC SHEET.....	4,319	3,960	359					
3316 IRON AND STEEL PLATES, SHEETS.....	9,809		9,809					
3317 IRON AND STEEL PIPE AND TUBE.....	5,713	3,993	1,720					
3318 FERROALLOYS.....	12		12					
3319 IRON AND STEEL PRODUCTS, NEC.....	600	160	500					
3321 NONFERROUS METALS, NEC.....	2,104	1,206	898					
3322 COPPER ALLOYS, UNWORKED.....	8,781	8,161	620					
3323 LEAD AND ZINC, UNWORKED.....	1,223	443	780					
3324 ALUMINUM AND ALLOYS, UNWORKED.....	7,059	6,067	992					
3411 FABRICATED METAL PRODUCTS.....	20,612	13,317	7,295					
3511 MACHINERY, EXCEPT ELECTRICAL.....	34,502	11,732	20,770		2,000			
3611 ELECTRICAL MACH AND EQUIP.....	13,010	3,327	9,683					
3711 MOTOR VEHICLES, PARTS, EQUIP.....	8,248	2,223	6,025					
3721 AIRCRAFT AND PARTS.....	564	8	556					
3731 SHIPS AND BOATS.....	388	25	363					
3791 MISC TRANSPORTATION EQUIPMENT.....	554	26	528					
3811 INSTR, TIME, PHOTO, OPT GOODS.....	1,409	242	1,297					
3911 MISC MANUFACTURED PRODUCTS.....	4,706	2,910	1,796					
4011 IRON AND STEEL SCRAP.....	14,937		14,937					
4012 NONFERROUS METAL SCRAP.....	6,883		6,883					
4022 TEXTILE WASTE, SCRAP, SHEEP.....	12,076	1,529	10,547					
4024 PAPER WASTE AND SCRAP.....	28,688	1,211	27,677					
4029 WASTE AND SCRAP, NEC.....	645,123					320,186	324,937	
4112 COMMODITIES, NEC.....	2,450	787	1,663					
9999 DEPARTMENT OF DEFENSE AND SCI.....	5,571		5,571					
TOTAL TON-MILES.....	6,623,376							

GONAVUS CREEK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM 24TH STREET TO HAMILTON AVENUE BRIDGE, CONTROLLING DEPTH: 30 FEET FROM ENTRANCE TO PERCEVAL STREET, THENCE 28 FEET TO SIGOURNEY STREET, THENCE 15 FEET TO HAMILTON AVE.; 29 FEET IN BRANCH CHANNEL IN HENRY ST. PARK, PROJECT DEPTH: 30 FEET AND 18 FEET ALL AT MEAN LOW WATER, PROJECT LENGTH: 0.8 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC			
			RAILROAD FREIGHT CARS			
			RECEIPTS		SHIPMENTS	
			EMPTY	LOADED	EMPTY	LOADED
1973.....	3,963,697	478,976	10	21	30	1
1974.....	3,676,931	572,475	10	21	39	
1975.....	3,330,675	429,141	33	181	201	12
1976.....	3,178,702	345,982	6	44	50	
1977.....	3,200,485	565,165				
1978.....	2,845,078	503,887				
1979.....	2,563,208	498,398				
1980.....	2,211,118	618,282				
1981.....	1,909,528	402,395				
1982.....	1,440,791	630,711				

FREIGHT TRAFFIC, 1962

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL		
				RECEIPTS	SHIPMENTS	
TOTAL.....	1,440,791	178,293	112,452	71,681	102,060	975,815
0103 CORN.....	98		98			
0111 SOYBEANS.....	760		760			
0119 OILSEEDS, NEC.....	35	22	13			
0121 TORACCO, LEAF.....	235	213	22			
0129 FIELD CROPS, NEC.....	122	110	12			
0131 FRESH FRUITS.....	31		31			
0132 BANANAS AND PLANTAINS.....	2,369	2,369				
0133 COFFEE.....	79,172	48,040	5			31,127
0134 COCOA BEANS.....	812		812			
0141 FRESH AND FROZEN VEGETABLES.....	1,459	1,204	255			
0161 ANIMALS AND PRODUCTS, NEC.....	1,831	1,432	199			
0191 MISCELLANEOUS FARM PRODUCTS.....	39	39				
0841 CRUDE RUBBER AND ALLIED GUMS.....	306	270	36			
0841 FOREST PRODUCTS, NEC.....	4,072	5,629	443			
0911 FRESH FISH, EXCEPT SHELLFISH.....	2,940	2,511	433			
0912 SHELLFISH, EXCEPT PREPARED.....	3,778	3,750	28			

Waterborne Commerce of the United States, 1982

GOVANUS CREEK CHANNEL, N. Y. (INCLUDED IN PART OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE	INTERNAL	
				RECEIPTS	RECEIPTS	
1051 ALUMINUM ORES, CONCENTRATES	24		24			
1091 NONFERROUS ORES, CONCENT, NEC	291	240				
1121 COAL AND LIGNITE	1A		1A			
1411 LIMESTONE	72		72			
1412 BUILDING STONE, UNWORKED	134		134			
1442 SAND, GRAVEL, CRUSHED ROCK	111,816	75		14,610	97,092	
1451 CLAY	324	140	180			
1491 SILT	224		224			
1492 SILPHUR, DRY	4		4			
1499 NON-METALLIC MINERALS, NEC	48A		48A			
1911 ORNAMENT AND ACCESSORIES	21	2	19			
2011 MEAT, FRESH, CHILLED, FROZEN	3,826	76	3,750			
2012 MEAT AND PRODUCTS, NEC	4,457	3,829	628			
2014 TALLOW, ANIMAL FATS AND OILS	417		417			
2015 ANIMAL BY-PRODUCTS, NEC	189	130	59			
2021 DAIRY PRODUCTS, NEC	4,134	4,05A	7A			
2022 DRIED MILK AND CREAM	A1	11	70			
2031 FISH AND SHELLFISH, PREPARED	412	109	303			
2034 VEGETABLES AND PREP, NEC	3,074	2,105	969			
2039 PREP FRUIT AND VEG JUICE, NEC	18,128	17,854	274			
2041 MEAT FLOUR AND SEMOLINA	41		41			
2042 ANIMAL FEEDS	2,956	74	2,882			
2049 GRAIN MILL PRODUCTS, NEC	1,095	1A9	906			
2081 SUGAR	7,040		7,040			
2082 MOLASSES	12	2	10			
2081 ALCOHOLIC BEVERAGES	1,917	76A	1,149			
2091 VEGETABLE OILS, MARK, SHORT	38,331	20,494	431			15,406
2092 ANIMAL OILS AND FATS, NEC	236		236			
2099 MISCELLANEOUS FOOD PRODUCTS	19,452	17,372	2,080			
2111 TOBACCO MANUFACTURES	A7		A6			
2211 BASIC TEXTILE PRODUCTS	5,094	2,342	2,752			
2311 APPAREL	1,086	386	700			
2411 LOGS	45	45				
2413 FUEL WOOD, CHARCOAL, WASTES	15		15			
2414 TIMBER, POSTS, POLES, PILING	1,162	1,162				
2421 LUMBER	957	886	71			
2431 VENEER, PLYWOOD, WORKED WOOD	297	251	46			
2491 WOOD MANUFACTURES, NEC	760	640	120			
2511 FURNITURE AND FIXTURES	409	272	337			
2611 PULP	609	12	52			
2631 PAPER AND PAPERBOARD	11,059	5,791	5,268			
2691 PULP AND PAPER PRODUCTS, NEC	1,406	79	1,327			
2711 PRINTED MATTER	1,827	11	1,816			
2811 CRUDE TAR, OIL, GAS PRODUCTS	53		53			
2812 DYES, PIGMENT, TANNING MATS	249		249			
2813 ALCOHOLS	46		46			
2819 BASIC CHEMICALS AND PROD, NEC	11,185	2,113	9,072			
2821 PLASTIC MATERIALS	A,366	174	A,192			
2822 SYNTHETIC RUBBER	1,702		1,702			
2823 SYNTHETIC (MAN-MADE) FIBERS	127	55	72			
2831 DYES	76A	20A	560			
2841 SOAP	3,436	76A	2,668			
2851 PAPERS	2,342	1,41A	92A			
2861 GUM AND GUMM CHEMICALS	27	19	A			
2871 NITROGENOUS CHEM FERTILIZERS	32		32			
2872 PHOSPHATIC CHEM FERTILIZERS	64		64			
2873 PHOSPHATIC CHEM FERTILIZERS	1A		1A			
2876 INSECTICIDES, DISINFECTANTS	935	423	512			
2879 FERTILIZER AND MATERIALS, NEC	219		219			
2891 MISCELLANEOUS CHEMICAL PROD	5,034	675	4,359			
2911 GASOLINE	16,081		163			16,338
2914 DISTILLATE FUEL OIL	40A,294		3A	28,846		379,412
2915 RESIDUAL FUEL OIL	560,191			28,225	4,968	526,998
2916 LUBRICATING OILS AND GREASES	1,301	1	1,273			27
2918 ASPHALT, TAR, AND BITUMENS	13		13			
2920 COKE, PETROLEUM COKE	268		268			
2921 LIQUEFIED GASES	22		22			
2951 ASPHALT BUILDING MATERIALS	12		12			
2991 PETROLEUM AND COAL PROD, NEC	4,155	966	1A7			3,002
3011 RUBBER AND PLASTIC PRODUCTS	2,730	490	2,240			
3111 LEATHER AND LEATHER PRODUCTS	8,050	7,941	109			
3211 GLASS AND GLASS PRODUCTS	1,353	20	1,333			
3241 BUILDING CEMENT	102		102			
3251 STRUCTURAL CLAY PRODUCTS	881	536	345			
3271 LIME	9		9			
3281 CUT STONE AND STONE PRODUCTS	424	462	162			
3291 MISC NONMETALLIC MINERAL PROD	689	444	245			
3314 IRON AND STEEL PRIMARY FORMS	13	5	A			
3315 IRON, STEEL SHAPES, FRC SHEET	937	407	530			
3316 IRON AND STEEL PLATES, SHEETS	5,783		5,783			
3317 IRON AND STEEL PIPE AND TUBE	473	145	328			
3318 FERROALLOYS	57		57			
3319 IRON AND STEEL PRODUCTS, NEC	662	41	621			
3321 NONFERROUS METALS, NEC	632	131	501			
3322 COPPER ALLOYS, UNWORKED	7,425	4,271	49			3,505
3323 LEAD AND ZINC, UNWORKED	10		3			7
3324 ALUMINUM AND ALLOYS, UNWORKED	1,042	652	430			
3411 FABRICATED METAL PRODUCTS	6,112	3,651	2,461			
3511 MACHINERY, EXCEPT ELECTRICAL	12,155	2,086	10,109			
3611 ELECTRICAL MACH AND EQUIP	5,482		5,384			
3711 MOTOR VEHICLES, PARTS, EQUIP	4,451	1,405	3,046			
3721 AIRCRAFT AND PARTS	41		41			
3731 SHIPS AND BOATS	125	2	123			
3791 MISC TRANSPORTATION EQUIPMENT	1,160	506	654			

NEW YORK, NY, DISTRICT

GRAVENS CREEK CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1942--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS	
3011 INSTR, TIME, PHOTO, OPT GOODS	2,189	19	2,165			
3911 MISC MANUFACTURED PRODUCTS	617	134	483			
4011 IRON AND STEEL SCRAP	125		125			
4012 NONFERROUS METAL SCRAP	1,443	74	1,369			
4022 TEXTILE WASTE, SCRAP, SWEEP	4,293	133	4,160			
4024 PAPER WASTE AND SCRAP	90		90			
8112 COMMODITIES, NEC	2,216	1,413	803			
9999 DEPARTMENT OF DEFENSE AND SCT	56		56			
TOTAL TON-MILES	2,071,502					

CONEY ISLAND CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM NORTON POINT TO DEEP WATER TO SOUTHEAST. CONTROLLING DEPTH: (1970) 20 FEET, PROJECT DEPTH: 20 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 1.3 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	THROUGH TRAFFIC (TONS)	YEAR	THROUGH TRAFFIC (TONS)
1973	4,179,728	1978	3,868,785
1974	3,622,687	1979	3,123,192
1975	3,235,187	1980	2,885,297
1976	3,531,477	1981	2,219,138
1977	3,432,468	1982	1,862,072

EAST ROCKAWAY INLET, N. Y. (DEERS 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: 8 FEET IN CHANNEL. PROJECT DEPTH: 12 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 1.0 MILE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	3,208,971	154,440	1978	2,953,331	94,160
1974	3,004,239	161,564	1979	1,724,425	85,600
1975	3,085,762	143,302	1980	1,571,917	88,970
1976	3,256,971	112,670	1981	1,771,136	97,290
1977	3,194,501	92,210	1982	1,852,331	88,420

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE THROUGH UPWARD	LOCAL	INTERNAL THROUGH	
				UPWARD	DOWNWARD
TOTAL	1,852,331	1,328,992	356	472	522,411
0911 FRESH FISH, EXCEPT SHELLFISH	222				222
0912 SHELLFISH, EXCEPT PREPARED	350				350
2911 GASOLINE	729,704	729,704			
2913 KEROSENE	7,339	7,339			
2914 DISTILLATE FUEL OIL	437,918	437,918			
2915 RESIDUAL FUEL OIL	150,957	150,957			
2991 PETROLEUM AND COAL PROD, NEC	3,426	3,426			
4029 WASTE AND SCRAP, NEC	522,411				522,411
TOTAL TON-MILES	1,851,975				

JAMAICA BAY, N. Y. (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 WARREN ISLAND. BRANCH CHANNELS RANGE FROM 12 TO 18 FEET. PROJECT DEPTH: 20, 14, 15 AND 12 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 19.7 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	4,535,647	548,596	1978	4,204,262	519,333
1974	3,857,823	560,754	1979	3,483,630	435,618
1975	3,599,417	541,018	1980	3,315,664	425,472
1976	3,960,007	495,360	1981	2,810,480	465,286
1977	4,052,596	488,156	1982	2,805,568	486,440

Waterborne Commerce of the United States, 1982

JAMAICA RAY, N. Y. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	2,595,564	10,356	1,981	257,909	725,000	1,600,318
0911 FRESH FISH, EXCEPT SHELLFISH	1,648			1,648		
0912 SHELLFISH, EXCEPT PREPARED	150			150		
1442 SAND, GRAVEL, CRUSHED ROCK	257,745	2,547		255,198		
2011 GASOLINE	96,433		1,981	913		95,759
2012 JET FUEL	16,270	2,838				13,432
2013 KEROSENE	2,648					2,548
2014 DISTILLATE FUEL OIL	571,663					571,663
2015 RESIDUAL FUEL OIL	56,238	4,971				51,267
2991 PETROLEUM AND COAL PROD, NEC	3,669					3,669
4029 WASTE AND SCRAP, NEC	725,000				725,000	
TOTAL TON-MILES	30,743,000					

RARITAN RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM DEEP WATER IN RARITAN BAY TO NEW BRUNSWICK. CONTROLLING DEPTH: MAIN CHANNEL, 25 FEET FROM N. Y. AND N. J. CHANNELS TO JUNCTION OF SOUTH CHANNEL; BALANCE OF WATERWAY RANGES FROM 1 TO 25 FEET. PROJECT DEPTH: 25, 15 AND 10 FEET IN MAIN CHANNEL; 25 AND 10 FEET IN SOUTH CHANNEL. ALL AT MEAN LOW WATER. PROJECT LENGTH: 13.8 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	10,264,131	1978	5,680,388
1974	8,977,341	1979	5,058,360
1975	8,114,969	1980	6,399,400
1976	5,897,310	1981	6,495,476
1977	4,384,353	1982	5,322,205

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	5,322,205	32,316	500	134,644	529,185	121,299	2,064,345	2,435,914
1311 CRUDE PETROLEUM	9,051			9,051				
1442 SAND, GRAVEL, CRUSHED ROCK	130,884			9,585		121,299		
1493 SULPHUR, LIQUID	39,676							39,676
2018 SULPHURIC ACID	7,030				4,530			2,500
2919 BASIC CHEMICALS AND PROD, NEC	500		500					
2911 GASOLINE	7,363				7,355			8
2013 KEROSENE	108,186			23,949			859	82,627
2014 DISTILLATE FUEL OIL	281,488				26,463		4,719	250,306
2015 RESIDUAL FUEL OIL	2,837,479	32,316		42,316	490,126		195,767	2,037,352
2016 LUBRICATING OILS AND GREASES	3,804			3,804				
2991 PETROLEUM AND COAL PROD, NEC	1,574			1,325				249
4011 IRON AND STEEL SCRAP	27,766			4,574				23,192
4029 WASTE AND SCRAP, NEC	1,467,000						1,467,000	
TOTAL TON-MILES	16,832,006							

UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM THE NARROWS TO JUNCTION OF HUDSON AND EAST RIVERS. CONTROLLING DEPTH: ANCHORAGE CHANNEL 45 FEET; CHANNEL ALONG N. J. PIERHEAD LINE 19.5 FEET; RED HOOK FLATS ANCHORAGE, 30 FEET AND 45 FEET; LIBERTY ISLAND ANCHORAGE 20 FEET; PROJECT DEPTH AND PROJECT LENGTH: ANCHORAGE CHANNEL 45 FEET, 5.7 MILES; CHANNEL ALONG NEW JERSEY PIERHEAD LINE, 20 FEET, 3 MILES; RED HOOK FLATS ANCHORAGE, 35 AND 45 FEET; LIBERTY (BLOLOE) ISLAND ANCHORAGE 20 FEET. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC				AUTOMOBILES ACCOMPANYING PASSENGERS
				RAILROAD FREIGHT CARS		SHIPMENTS		
				RECEIPTS	EMPTY	EMPTY	LOADED	
1973	42,692,052	20,962,906	150,560,993	3,200	1,794	645	4,146	693,602
1974	33,728,620	21,810,800	138,463,008	4,049	1,750	620	4,748	643,792
1975	32,274,203	20,922,046	127,250,991	2,523	1,327	521	2,845	651,813
1976	31,523,240	20,474,746	127,761,944	3,620	1,012	211	4,341	598,027
1977	41,955,727	20,473,641	125,075,150	3,706	881	922	4,126	545,904
1978	41,240,545	20,454,838	126,402,340	3,421	835	536	5,136	626,889
1979	32,474,341	21,078,903	113,447,343	3,536	610	152	4,023	599,152
1980	34,833,524	22,717,873	108,493,524	2,444	6,605	6,261	3,082	679,807
1981	31,475,342	23,174,118	101,049,744	6,554	1,946	1,591	6,745	679,807
1982	26,922,628	22,794,752	100,175,346	7,298	2,340	1,921	10,641	456,795

* DOES NOT INCLUDE THAT PORTION FRONTING BAY BRIDGE AND RED HOOK CHANNELS, WHICH IS REPORTED UPON SEPARATELY.

NEW YORK, NY, DISTRICT

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UPPER BAY, NEW YORK HARBOR, N. Y., AND N. J.
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1962

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	26,902,624	12,602,792	634,094	2,540,049	1,041,394	15,494	940,603	9,014,796
0102 BARLEY AND RYE	235		235					
0104 OATS	121	121						
0119 OILSEEDS, NEC	21	21						
0121 TOBACCO, LEAF	1,517	1,517						
0129 FIELD CROPS, NEC	2		1					
0131 FRESH FRUITS	271		270					
0132 BANANAS AND PLANTAINS	82,104	82,104						
0133 COFFEE	2,632	2,640						192
0141 FRESH AND FROZEN VEGETABLES	29	29						
0161 ANIMALS AND PRODUCTS, NEC	174	126	48					
0191 MISCELLANEOUS FARM PRODUCTS	74	74						
0841 CRUDE RUBBER AND ALLIED GUMS	222	212	10					
0861 FOREST PRODUCTS, NEC	69	69						
0911 FRESH FISH, EXCEPT SMELLFISH	87	87						
0912 SMELLFISH, EXCEPT PREPARED	395	395						
1051 ALUMINUM ORES, CONCENTRATED	7	7						
1091 NONFERROUS ORES, CONCENT, NEC	128	128						
1311 CRUDE PETROLEUM	3,333,710	2,485,615		104,430				743,765
1411 LIMESTONE	21		21					
1442 SAND, GRAVEL, CRUSHED ROCK	64,901			54,144			10,757	
1451 CLAY	6,131	6,130	1					
1491 SALT	49,243	49,243						
1499 NONMETALLIC MINERALS, NEC	131		131					
1911 ORDNANCE AND ACCESSORIES	57	1	56					
2011 MEAT, FRESH, CHILLED, FROZEN	2,093	2,025	68					
2012 MEAT AND PRODUCTS, NEC	668	644	24					
2014 TALLOW, ANIMAL FATS AND OILS	15,370		9,670					5,700
2015 ANIMAL BY-PRODUCTS, NEC	83	83						
2021 DAIRY PRODUCTS, NEC	979	976	3					
2022 DRIED MILK AND CREAM	178	178						
2031 FISH AND SMELLFISH, PREPARED	102	102						
2034 VEGETABLES AND PREP, NEC	268	260	8					
2039 PREP FRUIT AND VEG JUICE, NEC	1,562	1,574						
2041 WHEAT FLOUR AND SEMOLINA	11		11					
2042 ANIMAL FEEDS	204	12	196					
2049 GRAIN MILL PRODUCTS, NEC	263	254	9					
2061 SUGAR	225,184	225,184	20					
2062 MOLASSES	38,400	38,400						
2081 ALCOHOLIC BEVERAGES	4,485	4,293	152					
2091 VEGETABLE OILS, MARG, SHORT	86,747	55,319		2,204				29,221
2092 ANIMAL OILS AND FATS, NEC	517	17						500
2099 MISCELLANEOUS FOOD PRODUCTS	901	745	156					
2111 TORACCO MANUFACTURES	52	10	42					
2211 BASIC TEXTILE PRODUCTS	1,206	539	667					
2212 TEXTILE FIBERS, NEC	4		4					
2311 APPAREL	602	541	21					
2411 LOGS	33		33					
2413 FUEL WOOD, CHARCOAL, WASTES	3,341	3,341						
2421 LUMBER	1,051	966	65					
2431 VENEER, PLYWOOD, WORKED WOOD	7	7						
2491 WOOD MANUFACTURES, NEC	41	79	2					
2511 FURNITURE AND FIXTURES	245	199	46					
2611 PULP	4,284	8,270	14					
2631 PAPER AND PAPERBOARD	315	156	157					
2691 PULP AND PAPER PRODUCTS, NEC	352	85	267					
2711 PRINTED MATTER	333	183	150					
2810 SODIUM HYDROXIDE	9,517				408		2,432	6,477
2811 CRUDE TAR, OIL, GAS PRODUCTS	42		42					
2812 DYES, PIGMENT, TANNING MATS	81		81					
2813 ALCOHOLS	2,466				2,466			
2819 BASIC CHEMICALS AND PROD, NEC	32,210	15,498	1,426	6,624	5,330			5,424
2821 PLASTIC MATERIALS	673	227	446					
2822 SYNTHETIC RUBBER	20		20					
2823 SYNTHETIC (MAN-MADE) FIBERS	56	50	6					
2831 DRUGS	233	191	42					
2841 SOAP	202	52	150					
2851 PAINTS	647	591	56					
2874 INSECTICIDES, DISINFECTANTS	62	59	3					
2879 FERTILIZER AND MATERIALS, NEC	20		20					
2891 MISCELLANEOUS CHEMICAL PROD	5,455	3,450	2,405					
2911 GASOLINE	1,550,567	670,470	14	253,141	144,045		70,174	314,147
2912 JET FUEL	295,296			159,247	5,742		5,244	125,031
2913 KEROSENE	221,171	48,470		79,477			11,042	90,442
2914 DISTILLATE FUEL OIL	1,665,012	53,204	36,345	440,415	59,404		111,472	763,254
2915 RESIDUAL FUEL OIL	16,468,114	8,437,616		1,247,444	794,044		794,047	4,391,549
2916 LUBRICATING OILS AND GREASES	394,746	363,331	72	15,740				20,544
2917 NAPHTHA, PETROLEUM SOLVENTS	152,345			1,049	422			150,474
2918 ASPHALT, TAR, AND BITUMENS	23,601	17,164	2					6,435
2991 PETROLEUM AND COAL PROD, NEC	968,299	61	317		4,404			943,421
3011 RUBBER AND MISC PLASTIC PROD	713	469	244					
3111 LEATHER AND LEATHER PRODUCTS	591	561	30					
3211 GLASS AND GLASS PRODUCTS	502	346	156					
3251 STRUCTURAL CLAY PRODUCTS	168	44	40					
3281 CUT STONE AND STONE PRODUCTS	29	29						
3291 MISC NONMETALLIC MINERAL PROD	432	749	43					
3314 IRON AND STEEL PRIMARY FORMS	4,315	8,315						
3315 IRON, STEEL SHAPES, EXC SHEET	304	274	24					
3316 IRON AND STEEL PLATES, SHEETS	93		93					
3317 IRON AND STEEL PIPE AND TUBE	260	226	34					
3318 FERROALLOYS	8		8					
3319 IRON AND STEEL PRODUCTS, NEC	142	172	1					

Waterborne Commerce of the United States, 1982

UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED
(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3321 SUFFERING METALS, UNMELT.....	162	157	25					
3322 COPPER ALLOYS, UNMELT.....	1,123	1,096	27					
3323 LEAD AND ZINC, UNMELT.....	2		2					
3324 ALUMINUM AND ALLOYS, UNMELT.....	115	73	42					
3411 FABRICATED METAL PRODUCTS.....	992	85A	134					
3511 MACHINERY, EXCEPT ELECTRICAL.....	2,745	1,423	1,322					
3621 ELECTRICAL MACH AND EQUIP.....	1,378	906	432					
3711 MOTOR VEHICLES, PARTS, EQUIP.....	3,641	2,894	747					
3721 AIRCRAFT AND PARTS.....	10		10					
3731 SHIPS AND BOATS.....	520	21	499					
3791 MISC TRANSPORTATION EQUIPMENT.....	24	1	23					
3811 INSTA, TIME, PHOTO, OPT GOODS.....	624	362	262					
3911 MISC MANUFACTURED PRODUCTS.....	1,152	1,047	65					
4011 IRON AND STEEL SCRAP.....	899,953		576,799	16,810		765		301,579
4012 NONFERROUS METAL SCRAP.....	3,437	57	3,380					
4022 TEXTILE WASTE, SCRAP, SWEEP.....	409		409					
4024 PAPER WASTE AND SCRAP.....	293		293					
4111 WASTE.....	42,327							42,327
4112 COMMODITIES, NEC.....	4,510	832	480		1,224			1,574
9999 DEPARTMENT OF DEFENSE AND SCI.....	630		630					
TOTAL TONMILES.....	403,517,999							

NEWARK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDES: ENTIRE BAY, CONTROLLING DEPTH 35 FEET IN NEWARK BAY, INCLUDING BRANCH CHANNELS AT PORT NEWARK AND PORT ELIZABETH TO A POINT 1,200 FEET SOUTH OF C. W. R. OF N. J. BRIDGE; BALANCE OF WATERWAY RANGES FROM 32 TO 35 FEET. PROJECT DEPTH: 37 FEET IN ROCK, 35 FEET AND 32 FEET IN OTHER MATERIAL. ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 6.7 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC					
				RAILROAD FREIGHT CARS					
				RECEIPTS		SHIPMENTS		EMPTY	
1973.....	21,999,547	979	12,845,198	A	240	256	446		
1974.....	18,163,699	1,636	11,594,571		131	148	17		
1975.....	15,504,549	1,780	9,746,430	21	142	163			
1976.....	17,662,999	1,503	8,395,971	4	15	39			
1977.....	16,368,749	39	8,008,805						
1978.....	17,642,367	1,291	9,611,548						
1979.....	15,666,237		9,008,264						
1980.....	15,296,449		10,422,497						
1981.....	15,252,248		10,259,975						
1982.....	13,936,990		11,611,090						

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL.....	13,936,990	5,294,13A	3,15A,512	761,992	2,539,6A1	14,095	169,419	1,99A,753
0101 COTTON, RAW.....	2,637	146	2,491					
0102 BAWLFY AND WVE.....	1,401	14	1,572		15			
0103 CORN.....	3,466	163	3,303					
0104 OATS.....	15				15			
0105 RICE.....	1,517	1,345	119	2				
0106 SORGHUM GRAINS.....	575		44A		87			
0107 WHEAT.....	13				13			
0111 SOYBEANS.....	2,030		2,030					
0119 OIL SEEDS, NEC.....	9,453	8,00F	1,747		4A			
0121 TOBACCO, LEAF.....	103,990	99,50A	2,559	1,055	A2A			
0122 HAY AND FODDER.....	52				52			
0129 FIELD CROPS, NEC.....	11,244	6,5A1	353	4,215	95			
0131 FRESH FRUITS.....	57,69A	18,031	39,356	311				
0132 BANANAS AND PLANTAINS.....	435,475	435,875						
0133 COFFEES.....	93,622	66,862	4,459	17,494	316			4,491
0134 COCOA BEANS.....	42,780	16,224	3,424	22,701	431			
0141 FRESH AND FROZEN VEGETABLES.....	64,074	18,913	12,426		32,735			
0151 LIVE ANIMALS.....	72	1	47		24			
0161 ANIMALS AND PRODUCTS, NEC.....	32,421	12,400	1A,864	221	1,23A			
0191 MISCELLANEOUS FARM PRODUCTS.....	12,963	11,991	793	47	132			
0841 CRUDE GUMBER AND ALLIED GUMS.....	22,455	18,816	1,940	44	1,42A			
0861 FOREST PRODUCTS, NEC.....	19,133	15,010	3,244		47A			
0911 FRESH FISH, EXCEPT SHELLFISH.....	44,135	35,390	10,444	299				
0912 SHELLFISH, EXCEPT PREPARED.....	2A,415	23,693	3,940		541			
0931 MARINE SHELLS, UNMANUFACTURED.....	22				22			
1011 IRON ORE AND CONCENTRATES.....	255		255					
1051 ALUMINUM ORES, CONCENTRATES.....	12,353	11,727	424					
1061 MANGANESE ORES, CONCENTRATES.....	391		186		205			
1091 NONFERROUS ORES, CONCENT, NEC.....	3,264	2,095	1,171					

NEW YORK, NY, DISTRICT

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NEWARK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		TOTAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
1121 COAL AND LIGNITE-----	297,667	5	3	297,664				
1311 CRUDE PETROLEUM-----	5							
1411 LIMESTONE-----	2,982	91		2,891				
1412 BUILDING STONE, UNBROKEN-----	289			289				
1442 SAND, GRAVEL, CRUSHED ROCK-----	22,491	486		4,954	24	927	14,094	
1451 CLAY-----	67,170	59,895		7,114	22	130		
1471 PHOSPHATE ROCK-----	81			81				
1491 SALT-----	43,401	42,079		1,189		133		
1492 SULPHUR, DRY-----	913			913				
1494 GYPSUM, CRUMF AND PLASTERS-----	555				112	413		
1499 NONMETALLIC MINERALS, NEC-----	24,076	5,899		15,596	12	1,269		1,300
1911 ORDNANCE AND ACCESSORIES-----	8,568	1,554		4,920		2		
2011 MEAT, FRESH, CHILLED, FROZEN-----	120,804	21,222		92,286	514	6,922		
2012 MEAT AND PRODUCTS, NEC-----	84,428	57,259		9,207		44		17,918
2014 TALLOW, ANIMAL FATS AND OILS-----	73,925			65,746		23		5,156
2015 ANIMAL BY-PRODUCTS, NEC-----	18,170	2,769		12,471	1,394	1,629		
2021 DAIRY PRODUCTS, NEC-----	93,205	74,329		12,587		6		4,279
2022 DRIED MILK AND CREAM-----	44,895	1,744		27,801		42		22,214
2031 FISH AND SHELLFISH, PREPARED-----	72,136	36,866		27,171	26,230			6,860
2034 VEGETABLES AND PREP, NEC-----	175,899	147,754		14,805		20		9,311
2039 PREP FRUIT AND VEG JUICE, NEC-----	197,300	151,034		13,225	8,194	24,299		
2041 WHEAT FLOUR AND SEMOLINA-----	6,240			5,414		422		
2042 ANIMAL FEEDS-----	58,907	9,950		46,931	16	3,817		
2049 GRAIN MILL PRODUCTS, NEC-----	68,279	43,457		21,403		497		2,322
2061 SUGAR-----	14,250	8,022		947		5,281		
2062 MOLASSES-----	1,171	27		443		62		648
2081 ALCOHOLIC BEVERAGES-----	701,153	486,994		27,372	4,140	186,843		17,788
2091 VEGETARIAN OILS, MARG, SHORT-----	227,481	115,162		15,533		11,394		81,788
2092 ANIMAL OILS AND FATS, NEC-----	3,767	1,937		1,195				635
2094 GROCERIES-----	879					879		
2099 MISCELLANEOUS FOOD PRODUCTS-----	248,914	120,085		59,019	10,314	57,496		
2111 TOBACCO MANUFACTURES-----	11,310	3,447		3,276		4,045		542
2211 BASIC TEXTILE PRODUCTS-----	109,650	65,744		40,512		583		2,811
2212 TEXTILE FIBERS, NEC-----	7,631	7,180		13		135		328
2311 APPAREL-----	140,455	106,030		5,551	14,398	14,546		
2411 LOGS-----	17,538	31		17,507				
2413 FUEL WOOD, CHARCOAL, WASTES-----	3,566	752		2,763		51		369
2414 TIMBER, POSTS, POLES, PILING-----	369							
2416 WOOD CHIPS, STAVES, HOLDINGS-----	5,255	4,629		426				
2421 LUMBER-----	94,779	73,434		21,215		130		
2431 VENEER, PLYWOOD, WORKED WOOD-----	2,592	1,551		1,037		4		
2491 WOOD MANUFACTURES, NEC-----	31,922	20,271		8,584	110	4,157		
2511 FURNITURE AND FIXTURES-----	79,450	55,839		12,883	277	10,451		
2611 PULP-----	11,497	4,462		4,938		97		
2621 STANDARD NEWSPRINT PAPER-----	5,913					5,913		
2631 PAPER AND PAPERBOARD-----	89,046	32,546		53,741		2,719		
2691 PULP AND PAPER PRODUCTS, NEC-----	72,273	17,630		36,878	1,186	16,479		
2711 PRINTED MATTER-----	60,352	26,850		29,525		2,197		
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	4,541	4,414		127				
2812 DYES, PIGMENT, TANNING MATS-----	8,904			8,575		2,295		
2813 ALCOHOLS-----	5,313			5,204		113		
2814 RADIOACTIVE MATERIALS, WASTES-----	2,249	995		1,141		133		
2817 BENZENE AND TOLUENE-----	21					21		
2818 SULPHURIC ACID-----	8,938					6,550		2,388
2819 BASIC CHEMICALS AND PROD, NEC-----	478,133	231,916		108,320	124,877	13,020		
2821 PLASTIC MATERIALS-----	256,305	97,828		149,833	318	8,728		
2822 SYNTHETIC RUBBER-----	7,262			7,223		39		
2823 SYNTHETIC (MAN-MADE) FIBERS-----	24,288	12,292		11,695		511		
2831 DRUGS-----	33,439	17,505		8,730	3,841	3,323		
2841 SOAP-----	83,660	12,044		47,370	4,450	23,774		
2851 PAINTS-----	95,888	74,370		10,774		71		
2861 GUM AND WOOD CHEMICALS-----	1,531	752		536		243		
2871 NITROGENOUS CHEM FERTILIZERS-----	7,421	6,945		853		23		
2872 POTASSIC CHEM FERTILIZERS-----	87					87		
2873 PHOSPHATIC CHEM FERTILIZERS-----	1,383	398		985				
2874 INSECTICIDES, DISINFECTANTS-----	14,497	6,516		7,127		69		2,795
2879 FERTILIZER AND MATERIALS, NEC-----	3,384	1,276		2,068				
2891 MISCELLANEOUS CHEMICAL PROD-----	103,188	34,346		62,992		4,812		
2911 GASOLINE-----	479,109	3		5,204	54,914	631,922		90,041
2912 JET FUEL-----	105,425					97,918		214,121
2913 KEROSENE-----	19,055			35		4,684		2,965
2914 DISTILLATE FUEL OIL-----	861,959	39,471		24	28,788	407,656		34,173
2915 RESIDUAL FUEL OIL-----	1,294,449	89,319		71	44,511	19,346		1,114,554
2916 LUBRICATING OILS AND GREASES-----	191,689	4,577		23,048	52,502	2,320		174,233
2917 NAPHTHA, PETROLEUM SOLVENTS-----	1,675					1,655		
2918 ASPHALT, TAR, AND BITUMENS-----	8,896	241		1,830		4,611		
2920 COKE, PETROLEUM COKE-----	1,233	22		1,125		86		
2921 LIQUEFIED GASES-----	19,582	11,470		4,014		59		4,059
2951 ASPHALT BUILDING MATERIALS-----	6,121			5,484		20		614
2991 PETROLEUM AND COAL PROD, NEC-----	22,793	13,609		3,424		32		3,361
3011 RUBBER AND MISC PLASTIC PROD-----	127,880	89,736		20,869		819		7,454
3111 LEATHER AND LEATHER PRODUCTS-----	74,166	53,300		12,831		7,399		546
3211 GLASS AND GLASS PRODUCTS-----	97,900	76,507		20,653		95		810
3291 BUILDING CEMENT-----	3,559			2,741		716		
3291 STRUCTURAL CLAY PRODUCTS-----	63,956	49,700		10,130		4,122		
3291 LIME-----	1,484	11		1,226		247		
3291 CUT STONE AND STONE PRODUCTS-----	19,335	18,913		422				
3291 MISC NONMETALLIC MINERAL PROD-----	69,422	53,339		14,773		57		1,253
3312 SLAG-----	280					227		
3314 IRON AND STEEL PRIMARY FORM-----	69,201	68,171		566		468		
3315 IRON, STEEL SHAPES, EXC SHEET-----	153,549	144,065		4,357	693	2,838		
3316 IRON AND STEEL PLATES, SHEETS-----	42,991	149		42,430		4		
3317 IRON AND STEEL PIPE AND TUBE-----	48,408	31,507		12,551	188	4,162		
3318 FERROALLOYS-----	17,562	740		16,781		21		

Waterborne Commerce of the United States, 1982

NEWARK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3310 IRON AND STEEL PRODUCTS, NEC	50,901	40,754	4,634	4A	5,441			
3321 NONFERROUS METALS, NEC	44,351	25,742	11,274		7,333			
3322 COPPER ALLOYS, UNWORKED	76,570	62,411	13,519		440			
3323 LEAD AND ZINC, UNWORKED	11,003	2,344	7,069		1,544			
3324 ALUMINUM AND ALLOYS, UNWORKED	31,463	20,713	10,407		743			
3411 FABRICATED METAL PRODUCTS	319,244	225,152	74,442	6,744	10,916			
3511 MACHINERY, EXCEPT ELECTRICAL	372,344	201,118	162,444	1,492	6,934			
3611 ELECTRICAL MACH AND EQUIP	330,511	170,665	94,568	6,504	54,770			
3711 MOTOR VEHICLES, PARTS, EQUIP	562,151	449,447	42,617	1,793	7,494			
3721 AIRCRAFT AND PARTS	2,742	151	2,554		32			
3731 SHIPS AND BOATS	4,665	4,375	1,101	2	147			
3791 MISC TRANSPORTATION EQUIPMENT	4,431	2,169	4,013	1,495	154			
3811 INSTR, TIME, PHOTO, OPT GOODS	104,235	51,831	53,469	231	724			
3911 MISC MANUFACTURED PRODUCTS	150,412	123,005	17,449	3,095	7,064			
4011 IRON AND STEEL SCRAP	624,473	561	555,423	7,244	502		64,319	
4021 NONFERROUS METAL SCRAP	50,992	2,100	47,164	1,444	240			
4022 TEXTILE WASTE, SCRAP, SWEEP	51,349	903	44,364	3,751	327			
4023 PAPER WASTE AND SCRAP	142,354	2,314	174,751	24	43			
4029 WASTE AND SCRAP, NEC	29,524						29,500	
4111 WATER	550							550
4112 COMMODITIES, NEC	1,034,677	29,314	12,454	256,671	737,167			70
9999 DEPARTMENT OF DEFENSE AND SCI	9,023		9,023					
TOTAL TON-MILES	76,014,842							

HACKENSACK RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM MOUTH UPSTREAM TO NEW YORK, SUSQUEHANNA & WESTERN R. R. BRIDGE AT HACKENSACK, CONTROLLING DEPTH: 20 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 20 FEET. PROJECT DEPTH: CHANNEL, 34 FEET IN LOCK AND 32 FEET IN OTHER MATERIAL WITH TURNING RADIUS 25 FEET OFF AT UPPER END OF A POINT 2,000 FEET ABOVE THE DELAWARE, LACKAWANNA & WESTERN R. R. BRIDGE AT MARION-JERSEY CITY, THENCE 15 FEET TO HACKENSACK, ALL AT MEAN LOW WATER. PROJECT LENGTH: 16.5 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	5,582,823	1978	2,769,747
1974	4,454,606	1979	2,243,897
1975	3,194,452	1980	2,663,907
1976	2,311,854	1981	2,657,145
1977	2,704,343	1982	2,542,406

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		LOCAL
		RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	2,582,406	391,375	4,671	45,402	275,251	1,841,307
1121 COAL AND LIGNITE	927,860					927,860
1442 SAND, GRAVEL, CRUSHED ROCK	372,756	306,954		45,402		
2810 SODIUM HYDROXIDE	10,992					10,992
2911 GASOLINE	123,300					123,300
2913 KEROSENE	27,924					27,924
2914 DISTILLATE FUEL OIL	526,273					526,273
2915 RESIDUAL FUEL OIL	167,194	9,474				157,316
2916 LUBRICATING OILS AND GREASES	44					44
2917 ASPHALT, PETROLEUM SOLVENTS	3,224					3,224
2918 ASPHALT, TAR, AND PITCHES	144,034	74,543	4,671			40,422
2991 PETROLEUM AND COAL PROD, NEC	3,044					3,044
4029 WASTE AND SCRAP, NEC	275,251				275,251	
4111 WATER	500					500
TOTAL TON-MILES	23,347,262					

PASSAIC RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM MOUTH UPSTREAM TO GREGORY AVENUE, PASSAIC, CONTROLLING DEPTH: 19 FEET FROM THE JUNCTION OF HACKENSACK AND PASSAIC RIVERS TO U. S. R. R. BRIDGE; BALANCE OF WATERWAY RANGES BETWEEN 11 AND 17 FEET. PROJECT DEPTH: 30, 20, 14 AND 10 FEET, ALL AT MEAN LOW WATER. PROJECT LENGTH: ABOUT 15.4 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	4,454,601	979	1978	7,410,402	1,291
1974	7,450,841	1634	1979	7,245,464	
1975	7,282,413	1,740	1980	4,310,189	
1976	4,443,014	1,403	1981	7,954,144	
1977	6,444,350	1,443	1982	9,352,474	

NEW YORK, NY, DISTRICT

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PASSAIC RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERVAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	9,352,474	231,484	14,751	891,189	3,233,777	117,819	1,888,667	2,972,787
0161 ANIMALS AND PRODUCTS, NEC-----	6		6					
1442 SAND, GRAVEL, CRUSHED ROCK-----	70,159			23,076		47,133		
1451 CLAY-----	1		1					
2011 MEAT, FRESH, CHILLED, FROZEN-----	47		47					
2014 TALLOW, ANIMAL FATS AND OILS-----	32,078		14,863					17,195
2015 ANIMAL BY-PRODUCTS, NEC-----	182		182					
2081 ALCOHOLIC BEVERAGES-----	36		36					
2091 VEGETABLE OILS, MARG, SHORT-----	1,137	576						561
2099 MISCELLANEOUS FOOD PRODUCTS-----	15		15					
2211 BASIC TEXTILE PRODUCTS-----	19		19					
2311 APPAREL-----	10		10					
2421 LUMBER-----	101		101					
2511 FURNITURE AND FIXTURES-----	4		4					
2691 PULP AND PAPER PRODUCTS, NFC-----	2		2					
2711 PRINTED MATTER-----	43		43					
2813 ALCOHOLS-----	39,165			39,165				
2818 SULPHURIC ACID-----	5,090				2,500			2,590
2819 BASIC CHEMICALS AND PROD, NEC-----	80,861	11,726	22	65,785				3,324
2821 PLASTIC MATERIALS-----	30		30					
2831 DRUGS-----	5		5					
2841 SOAP-----	2		2					
2851 PAINTS-----	2		2					
2879 FERTILIZER AND MATERIALS, NEC-----	3,738							3,734
2891 MISCELLANEOUS CHEMICAL PROD-----	10		10					
2911 GASOLINE-----	4,799,659			660,881	2,183,314	3,253	659,731	1,292,480
2912 JET FUEL-----	25,762							25,762
2913 KEROSENE-----	45,886				4,433		4,445	36,464
2914 DISTILLATE FUEL OIL-----	2,811,813			50,048	1,839,540		293,641	1,428,784
2915 RESIDUAL FUEL OIL-----	168,158			10,328				157,830
2916 LUBRICATING OILS AND GREASES-----	22,484		1	22,483				
2918 ASPHALT, TAR, AND BITUMENS-----	216,345	216,345						
2951 ASPHALT BUILDING MATERIALS-----	49		49					
2991 PETROLEUM AND COAL PROD, NEC-----	3,636							3,636
3011 RUBBER AND MISC PLASTIC PROD-----	13		13					
3111 LEATHER AND LEATHER PRODUCTS-----	5		5					
3241 BUILDING CEMENT-----	90,426			19,473	3,900	67,453		
3291 MISC NONMETALLIC MINERAL PROD-----	2		2					
3314 IRON AND STEEL PRIMARY FORMS-----	2,777	2,777						
3316 IRON AND STEEL PLATES, SHEETS-----	159		159					
3411 FABRICATED METAL PRODUCTS-----	1		1					
3511 MACHINERY, EXCEPT ELECTRICAL-----	657		657					
3611 ELECTRICAL MACH AND EQUIP-----	25		25					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	30		30					
4012 NONFERROUS METAL SCRAP-----	21		21					
4022 TEXTILE WASTE, SCRAP, SWEEP-----	195		195					
4024 PAPER WASTE AND SCRAP-----	165		165					
4029 WASTE AND SCRAP, NEC-----	931,000						931,000	
4112 COMMODITIES, NEC-----	23		23					15
TOTAL TON-MILES-----	14,060,872							

NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)

SECTION INCLUDED: FROM MAIN SHIP CHANNEL NORTHWEST OF SANDY HOOK THROUGH LOWER NEW YORK BAY, BARRITAN BAY, PERTH AMBOY ANCHORAGE, ANTHONY KILL AND KILL VAN KILL TO UPPER NEW YORK BAY. CONTROLLING 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 DEPTH: 37 FEET IN WHOLE AND 35 FEET IN SOFT MATERIAL THROUGHOUT, EXCEPT IN CHANNEL SOUTH OF SHOOTERS ISLAND WHERE THE DEPTH WILL BE 30 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 30.8 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC			
				RAILROAD	FREIGHT CARS	TRUCKS	TRUCKS
				EMPTY	LOADED	EMPTY	LOADED
1973-----	108,765,133	47,581	36,335,814	2,345	3,987	5,314	416
1974-----	107,098,986	57,093	30,772,284	1,698	3,426	4,732	288
1975-----	98,808,330	38,710	27,613,410	2,441	2,342	4,603	288
1976-----	103,047,892	24,456	27,043,005	1,986	1,885	3,509	250
1977-----	105,699,618	24,151	24,643,206	715	663	1,291	204
1978-----	106,569,826	30,344	27,805,200	383	105		69
1979-----	93,901,689	31,920	25,371,720	645	456		457
1980-----	95,976,421	66,240	26,698,113				
1981-----	90,446,022	73,120	25,786,611				
1982-----	89,250,480	81,540	24,936,095				

Waterborne Commerce of the United States, 1982

NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	89,250,440	15,374,389	492,400	18,294,306	19,292,736	481,847	6,052,214	29,262,548
0101 COTTON, RAW	200	5	195					
0103 CORN	142	96	46					
0104 OATS	151	151						
0105 RICE	47	34	13					
0111 SOYBEANS	1							
0119 OILSEEDS, NEC	257	250	7					
0121 TOBACCO, LEAF	39,928	39,916	12					
0129 FIELD CROPS, NEC	681	433	248					
0131 FRESH FRUITS	3,424	1,079	2,745					
0132 BANANAS AND PLANTAINS	3,290	3,290						
0133 COFFEE	19,709	16,330	257					3,122
0134 COFFEE BEANS	215	210	5					
0141 FRESH AND FROZEN VEGETABLES	3,060	2,573	487					
0141 ANIMALS AND PRODUCTS, NEC	5,653	2,571	3,082					
0191 MISCELLANEOUS FARM PRODUCTS	2,251	2,245	6					
0841 CRUDE RUBBER AND ALLIED GUMS	1,002	947	55					
0861 FOREST PRODUCTS, NEC	1,594	1,464	130					
0911 FRESH FISH, EXCEPT SHELLFISH	1,276	1,016	260					
0912 SHELLFISH, EXCEPT PREPARED	5,153	4,981	172					
1011 IRON ORE AND CONCENTRATES	429		429					
1051 ALUMINUM ORES, CONCENTRATES	1,541	1,505	36					
1091 NONFERROUS ORES, CONCENT, NEC	436	587	249					
1121 COAL AND LIGNITE	960,019		32,159					927,860
1311 CRUDE PETROLEUM	11,617,463	6,531,177		4,180,173	16,835			889,278
1411 LIMESTONE	502	49	443					
1412 BUILDING STONE, UNQUARRIED	20		17			3		
1442 SAND, GRAVEL, CRUSHED ROCK	511,403	181	1,520	156,551	11	352,057		1,083
1451 CLAY	409,391	408,562	829					
1471 PHOSPHATE ROCK	16		16					
1491 SALT	192,247	191,854	393					
1493 SULPHUR, LIQUID	48,764			9,072				39,676
1499 NONMETALLIC MINERALS, NEC	1,786	440	1,346					
1911 ORNANCE AND ACCESSORIES	1,407	810	997					
2011 MEAT, FRESH, CHILLED, FROZEN	20,435	16,414	4,020			17		
2012 MEAT AND PRODUCTS, NEC	14,801	13,856	945					
2014 TALLOW, ANIMAL FATS AND OILS	13,276		10,632					2,644
2015 ANIMAL BY-PRODUCTS, NEC	1,129	941	188					
2021 DAIRY PRODUCTS, NEC	18,118	17,929	189					
2022 DRIED MILK AND CREAM	5,730	2,887	2,843					
2031 FISH AND SHELLFISH, PREPARED	1,374	1,270	104					
2034 VEGETABLES AND PREP, NEC	25,740	24,542	1,198					
2039 PREP FRUIT AND VEG JUICE, NEC	9,955	9,171	784					
2041 WHEAT FLOUR AND SEMOLINA	3		3					
2042 ANIMAL FEEDS	3,027	348	2,635					
2049 GRAIN MILL PRODUCTS, NEC	9,124	6,877	2,247			151		
2051 SUGAR	1,287	1,238	49					
2062 MOLASSES	46,998	46,981	17					
2081 ALCOHOLIC BEVERAGES	121,711	117,660	3,050			992		
2091 VEGETABLE OILS, MARG, SHORT	56,385	16,427	888			1,096		37,974
2092 ANIMAL OILS AND FATS, NEC	5,028	60	344	3,449				1,135
2099 MISCELLANEOUS FOOD PRODUCTS	26,065	22,153	3,913			869		
2111 TOBACCO MANUFACTURES	725	432	293					
2211 BASIC TEXTILE PRODUCTS	17,449	10,402	6,837			210		
2311 APPAREL	15,121	14,426	695					
2411 LOGS	1,895	37	1,858					
2413 PULP WOOD, CHARCOAL, WASTES	3,447	3,337	110					
2421 LUMBER	2,766	747	1,958			61		
2431 VEHEER, PLYWOOD, WORKED WOOD	545	424	121					
2491 WOOD MANUFACTURES, NEC	2,401	2,172	198			31		
2511 FURNITURE AND FIXTURES	8,983	6,831	1,288			888		
2611 PULP	2,881	632	2,245					
2621 STANDARD WEIGHT PAPER	11							
2631 PAPER AND PAPER PRODUCTS, NEC	11,252	5,303	7,920			29		
2691 PULP AND PAPER PRODUCTS, NEC	9,081	4,145	4,937			169		
2711 PRINTED MATTER	12,436	5,952	6,484					
2810 SODIUM HYDROXIDE	325,584			271,620	28,004			25,960
2811 CRUDE TAR, OIL, GAS PRODUCTS	20,388	1,095	7	14,513	1,082			3,701
2812 DYES, PIGMENT, TANNING MATS	636		636					
2813 ALCOHOLS	447,941		71	446,571	1,339			
2817 BENZENE AND TOLUENE	35,246			35,246				
2818 SULPHURIC ACID	40,078				40,078			
2819 BASIC CHEMICALS AND PROD, NEC	984,954	201,806	25,685	751,254	6,200			
2821 PLASTIC MATERIALS	26,713	9,432	17,190			91		
2822 SYNTHETIC RUBBER	816		816					
2823 SYNTHETIC (MAN-MADE) FIBERS	2,921	2,263	658					
2831 DRUGS	6,382	4,126	1,755			501		
2841 SOAP	12,523	6,725	5,356			497		
2851 PAINTS	16,632	15,146	1,243			743		
2861 GUM AND GUMM CHEMICALS	324							
2871 NITROGENOUS CHEM FERTILIZERS	6,378	1,111	37	3,500	1,636			
2873 PHOSPHATIC CHEM FERTILIZERS	46	20	26					
2876 INSECTICIDES, DISINFECTANTS	5,364	4,201	816			347		
2879 FERTILIZER AND MATERIALS, NEC	1,432	1,418	14					
2891 MISCELLANEOUS CHEMICAL PROD	49,325	5,854	38,774	6,789				
2911 GASOLINE	18,025,762	1,347,115	350	3,141,438	7,442,707	15,243	2,067,035	3,930,344
2912 JET FUEL	1,579,500			802,810	465,435	4,273	128,370	238,803
2913 KEROSENE	971,967	98,590	13	254,445	214,705		129,614	274,196
2914 DISTILLATE FUEL OIL	18,820,996	391,524	31,074	4,430,200	6,188,636	25,894	1,603,882	6,370,174
2915 RESIDUAL FUEL OIL	23,810,125	4,783,038	100,887	2,782,424	3,044,814	10,110	1,185,389	11,864,263
2916 LUBRICATING OILS AND GREASES	1,362,509	632,304	30,877	552,900	7,000			139,418
2917 NAPHTHA, PETROLEUM SOLVENTS	1,187,525			424,186	517,170		2,901	149,380

NEW YORK, NY, DISTRICT

NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.
(INCLUDED IN PORT OF NEW YORK)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2918 ASPHALT, TAR, AND BITUMENS	1,737,000		302	2,299	1,290,166		114,276	389,957
2920 COKE, PETROLEUM COKE	475		67	434				
2921 LIQUEFIED GASES	14,134		13,717	417				
2951 ASPHALT BUILDING MATERIALS	274			274				
2991 PETROLEUM AND COAL PROD., NEC	1,191,912		898	250	60,137	75,016	15,560	1,040,051
3011 RUBBER AND MISC PLASTIC PROD.	20,178		15,994	3,594		588		
3111 LEATHER AND LEATHER PRODUCTS	8,777		8,388	352		37		
3211 GLASS AND GLASS PRODUCTS	10,696		8,774	1,790		132		
3241 BUILDING CEMENT	78,940		4,350	89		74,470		
3251 STRUCTURAL CLAY PRODUCTS	3,085		2,535	495		55		
3271 LIME	16		15	1				
3281 CUT STONE AND STONE PRODUCTS	2,408		2,307	61				
3291 MISC NONMETALLIC MINERAL PROD.	18,767		17,363	1,311		73		
3314 IRON AND STEEL PRIMARY FORMS	208		1	202		5		
3315 IRON, STEEL SHAPES, EXC SHEET	7,647		7,201	440				
3316 IRON AND STEEL PLATES, SHEETS	3,149		4	3,141				
3317 IRON AND STEEL PIPE AND TUBE	2,034		1,262	771		5		
3318 FERROALLOYS	88		69	19				
3319 IRON AND STEEL PRODUCTS, NEC	4,203		3,434	769				
3321 NONFERROUS METALS, NEC	4,981		3,451	1,530				
3322 COPPER ALLOYS, UNWORKED	19,327		7,595	455		7,777		3,505
3323 LEAD AND ZINC, UNWORKED	1,273		1,255	18				
3324 ALUMINUM AND ALLOYS, UNWORKED	4,878		3,249	1,625		4		
3411 FABRICATED METAL PRODUCTS	35,337		26,151	4,888		408		
3511 MACHINERY, EXCEPT ELECTRICAL	65,276		47,235	17,637		404		
3611 ELECTRICAL MACH AND EQUIP	40,502		30,423	9,859		226		
3711 MOTOR VEHICLES, PARTS, EQUIP	28,458		19,538	4,150		770		
3721 AIRCRAFT AND PARTS	764		65	719				
3731 SHIPS AND BOATS	252		201	44		7		
3791 MISC TRANSPORTATION EQUIPMENT	914		486	413		15		
3811 INSTR, TIME, PHOTO, OPT GOODS	14,633		8,265	10,368				
3911 MISC MANUFACTURED PRODUCTS	25,749		21,689	2,704		53		1,363
4011 IRON AND STEEL SCRAP	22,213		117	22,096				
4012 NONFERROUS METAL SCRAP	11,573		198	11,375				
4022 TEXTILE WASTE, SCRAP, SWEEP	2,799		44	2,755				
4024 PAPER WASTE AND SCRAP	5,350		151	5,199				
4029 WASTE AND SCRAP, NEC	3,779,771						904,477	2,875,294
4111 WATER	10,272							10,272
4112 COMMODITIES, NEC	20,120		7,636	3,497		5,654		3,131
9999 DEPARTMENT OF DEFENSE AND SCT	2,105			2,105				
TOTAL TON-MILES	1,279,715,109							

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

SECTION INCLUDED: FROM RARITAN RIVER CHANNEL OFF SOUTH SHORE TO THE SOUTHERLY END OF ARTHUR KILL CHANNEL. CONTROLLING DEPTH: (1973) 18 FEET MEAN LOW WATER. PROJECT DEPTH: 20 FEET MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	THROUGH TRAFFIC (TONS)	YEAR	THROUGH TRAFFIC (TONS)
1973	5,889,563	1978	2,965,224
1974	5,030,766	1979	2,147,384
1975	4,458,451	1980	2,909,336
1976	3,119,788	1981	3,658,121
1977	2,841,892	1982	3,201,044

NEW YORK HARBOUR, N. Y. LOWER ENTRANCE CHANNELS

SECTION INCLUDED: AMBROSE, MAINSHIP, BAYSIDE, AND SANDY HOOK CHANNELS. CONTROLLING DEPTH: (1973) AMBROSE CHANNEL, 45 FEET; (1972) MAINSHIP CHANNEL, 30 FEET; (1972) BAYSIDE AND SANDY HOOK CHANNELS, 35 FEET. PROJECT DEPTH: AMBROSE CHANNEL, 45 FEET, 13.6 MILES; BAYSIDE AND SANDY HOOK CHANNELS, 35 FEET, 6.3 MILES; MAINSHIP CHANNEL, 30 FEET, 5.2 MILES. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	FOREIGN (TONS)	COASTWISE (TONS)	TOTAL (TONS)	PASSENGERS	YEAR	FOREIGN (TONS)	COASTWISE (TONS)	TOTAL (TONS)	PASSENGERS
1973	83,101,895	52,214,479	135,316,374	1,153,757	1978	45,732,605	52,681,471	118,414,116	220,352
1974	69,903,155	50,962,827	120,865,982	405,057	1979	40,000,599	45,717,960	105,718,559	
1975	58,577,524	51,468,866	110,046,390	328,326	1980	53,713,516	45,266,054	98,979,570	
1976	63,124,574	50,954,222	114,078,796	307,922	1981	50,119,164	40,825,834	90,944,998	
1977	70,279,025	50,010,265	120,289,290	145,591	1982	45,421,240	39,691,641	85,112,981	

NEW YORK, NY, DISTRICT

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CONSOLIDATED STATEMENT OF AIRCRAFT CARRIAGE COMMERCE OF THE PORT OF NEW YORK AND NEW YORK DISTRICT

FREIGHT TRAFFIC, 1942--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0141 FRESH AND FROZEN VEGETABLES	76,203	26,800	16,668		32,735			
0151 LIVE ANIMALS	85	11	50		24			
0161 ANIMALS AND PRODUCTS, NEC	48,417	21,108	25,840		221	1,234		
0191 MISCELLANEOUS FARM PRODUCTS	16,146	15,096	871		47	137		
0841 CRUDE RUBBER AND ALLIED GUMS	36,227	32,024	2,833		44	1,624		
0861 FOREST PRODUCTS, NEC	66,378	60,339	5,161			878		
0911 FRESH FISH, EXCEPT SHELLFISH	55,871	42,001	11,923			1,949		
0912 SHELLFISH, EXCEPT PREPARED	44,378	43,754	4,299			541	150	
0931 MARINE SHELLS, MANUFACTURED	22					22		
1011 IRON ORE AND CONCENTRATES	983		983					
1051 ALUMINUM ORES, CONCENTRATES	16,277	15,226	1,051					
1061 MANGANESE ORES, CONCENTRATES	407		202			205		
1091 NONFERROUS ORES, CONCENT, NEC	10,919	9,377	1,542					
1121 COAL AND LIGNITE	1,258,518	3	330,655					927,840
1311 CRUDE PETROLEUM	14,217,317	9,017,141	9	4,294,054	14,635			4,567,113
1411 LIMESTONE	5,003	173	4,890					
1412 BUILDING STONE, UNWORKED	2,467		2,464					
1442 SAND, GRAVEL, CRUSHED ROCK	4,133,002	3,309	12,097	1,311,853	2,801	2,802,479		1,003
1451 CLAY	494,226	481,372	12,893			130		
1471 PHOSPHATE ROCK	97		97					
1491 SALT	316,520	313,533	2,844			133		
1492 SULPHUR, DRY	1,584		1,584					
1493 SULPHUR, LIGHT	44,744					9,072		35,672
1494 GYPSUM, CRUDE AND PLASTERS	34,555					142		
1499 NONMETALLIC MINERALS, NEC	34,051	7,606	26,304			1,240		1,300
1911 ORNANCE AND ACCESSORIES	13,460	3,126	9,400			2		
2011 MEAT, FRESH, CHILLED, FROZEN	175,771	55,922	112,694			6,930		
2012 MEAT AND PRODUCTS, NEC	122,527	90,475	14,090			17,014		
2014 TALLOW, ANIMAL FATS AND OILS	170,333		151,072			23		19,238
2015 ANIMAL BY-PRODUCTS, NEC	26,170	7,664	15,573	1,304		1,429		
2021 DAIRY PRODUCTS, NEC	124,963	105,664	15,017			4,270		
2022 DRIED MILK AND CREAM	53,254	4,736	26,260			22,214		
2031 FISH AND SHELLFISH, PREPARED	84,799	52,144	3,552	26,230		6,849		
2034 VEGETABLES AND PREP, NEC	271,842	235,212	27,292			9,314		
2039 PREP FRUIT AND VEG JUICE, NEC	324,525	273,225	14,803	4,198		24,299		
2041 WHEAT FLOUR AND SEMOLINA	6,421		5,000			822		
2042 ANIMAL FEEDS	100,572	10,646	44,456			3,414		
2049 GRAIN MILL PRODUCTS, NEC	107,197	68,514	35,313			2,473		
2061 SUGAR	974,377	689,049	4,421	271,226		5,241		
2062 MOLASSES	132,388	111,449	7,112			13,755		
2081 ALCOHOLIC BEVERAGES	970,440	786,740	32,369			187,648		
2091 VEGETABLE OILS, MARG, SHORT	393,304	244,306	25,104			15,742		110,152
2092 ANIMAL OILS AND FATS, NEC	9,690	3,255	1,811			3,400		1,135
2094 GROCERIES	479					479		
2099 MISCELLANEOUS FOOD PRODUCTS	414,446	250,431	86,336	19,314		54,365		
2111 TORACCO MANUFACTURES, NEC	12,972	4,056	4,323			4,045		
2211 BASIC TEXTILE PRODUCTS	203,612	126,161	73,447			3,021		
2212 TEXTILE FIBERS, NEC	10,944	10,356	190			323		
2311 APPAREL	146,929	148,177	9,474	14,304		14,564		
2411 LOGS	20,433	343	20,090					
2413 FUEL WOOD, CHARCOAL, WASTES	13,170	7,430	5,449			51		
2414 TIMBER, POSTS, POLES, PILING	1,547	1,174				369		
2416 WOOD CHIPS, STAVES, WOODINGS	7,328	6,596	732					
2421 LUMBER	145,874	155,215	30,064			191		
2431 VENEER, PLYWOOD, WORKED WOOD	7,474	5,840	1,614			4		
2491 WOOD MANUFACTURES, NEC	42,719	28,741	10,660			3,144		
2511 FURNITURE AND FIXTURES	130,436	99,646	10,599			277		
2611 RUBBER	24,673	17,207	11,365			101		
2621 STANDARD NEWSPRINT PAPER	5,920					5,920		
2631 PAPER AND PAPERBOARD	162,247	55,097	100,402			2,744		
2691 PULP AND PAPER PRODUCTS, NEC	105,745	24,055	61,694			14,944		
2711 PRINTED MATTER	97,900	40,710	53,213			1,747		
2810 SODIUM HYDROXIDE	335,081			271,620		24,612	2,432	32,417
2811 CRUD TAR, OIL, GAS PRODUCTS	25,182	5,500	377	14,513		1,042		3,741
2812 DYES, PIGMENT, TANNING MATS	12,303		9,934			74		
2813 ALCOHOLS	495,140		412	485,449		4,170		
2816 RADIOACTIVE MATERIALS, WASTES	2,402	1,049	1,220			133		
2817 BENZENE AND TOLUENE	35,267			35,264		21		
2814 SULPHURIC ACID	60,386			40,544		40,544		2,500
2819 BASIC CHEMICALS AND PROD, NEC	1,699,819	510,650	209,639	951,643		24,569		4,320
2821 PLASTIC MATERIALS	389,825	140,327	240,363			4,417		
2822 SYNTHETIC RUBBER	14,630		10,591			30		
2823 SYNTHETIC (MAN-MADE) FIBERS	34,001	19,494	14,004			501		
2831 DRUGS	49,455	25,457	15,493			3,420		
2841 SOAP	124,266	26,340	69,250			24,214		
2851 PAINTS	135,759	103,311	30,441			1,014		
2861 GUM AND WOOD CHEMICALS	2,123	1,110	770			243		
2871 NITROGENOUS CHEM FERTILIZERS	15,374	4,054	2,163			3,500		
2872 POTASSIUM CHEM FERTILIZERS	151		64			42		
2873 PHOSPHATIC CHEM FERTILIZERS	2,440	421	2,059					
2874 INSECTICIDES, DISINFECTANTS	27,402	12,434	11,647			3,142		
2879 FERTILIZER AND MATERIALS, NEC	9,118	2,444	2,435			57		3,714
2891 MISCELLANEOUS CHEMICAL PROD	206,621	51,019	142,904			1,044		
2911 GASOLINE	24,323,151	2,083,938	7,555	4,153,001		10,431,430	19,409	2,900,427
2912 JET FUEL	1,661,426			964,740		540,484	4,273	130,484
2913 KEROSENE	1,243,262	180,417	349	354,711		225,224	104,354	134,070
2914 DISTILLATE FUEL OIL	22,464,410	444,330	67,594	5,146,247		7,759,184	59,292	1,940,043
2915 RESIDUAL FUEL OIL	42,511,493	15,068,140	100,954	4,912,074		4,510,014	15,074	2,334,417
2916 LUBRICATING OILS AND GREASES	1,423,920	1,054,944	72,724	447,440		4,337		130,414
2917 NAPHTHA, PETROLEUM SOLVENTS	1,196,890			451,825		440,542		2,001
2918 ASPHALT, TAR, AND BITUMENS	2,072,980	234,495	3,313	81,443		1,239,051		114,274
2920 COKE, PETROLIUM COKE	2,910	59	2,765					304,392
2921 LIQUEFIED GASES	36,441	25,193	7,150			4,059		

Waterborne Commerce of the United States, 1982

CONSOLIDATED STATEMENT OF WATERBORNE COMMERCE OF THE PORT OF NEW YORK--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2951 ASPHALT BUILDING MATERIALS-----	8,614		7,980	20		614		
2991 PETROLEUM AND COAL PROD, NEC-----	1,238,398	18,527	6,088	61,500		83,095	15,560	1,093,677
3011 RUBBER AND MISC PLASTIC PROD-----	192,212	131,562	51,387	819		8,440		
3111 LEATHER AND LEATHER PRODUCTS-----	138,388	108,388	22,027	7,390		583		
3211 GLASS AND GLASS PRODUCTS-----	188,626	109,476	35,118	90		922		
3241 BUILDING CEMENT-----	379,658	23,807	4,213	19,473		4,685	327,896	
3251 STRUCTURAL CLAY PRODUCTS-----	95,823	73,973	17,273			4,177		
3271 LIME-----	1,857	58	1,556			247		
3281 CUT STONE AND STONE PRODUCTS-----	42,593	41,836	757					
3291 MISC NONMETALLIC MINERAL PROD-----	118,156	88,306	21,467	57		1,328		
3312 SLAG-----	288			227		17		
3314 IRON AND STEEL PRIMARY FORMS-----	81,701	80,221	1,011			469		
3315 IRON, STEEL SHAPES, EXC SHEET-----	201,158	187,802	10,225	693		2,438		
3316 IRON AND STEEL PLATES, SHEETS-----	97,638	157	97,488	8				
3317 IRON AND STEEL PIPE AND TUBE-----	72,587	46,492	21,700	188		4,167		
3318 FERROALLOYS-----	18,038	1,098	16,919			21		
3319 IRON AND STEEL PRODUCTS, NEC-----	61,730	47,658	8,567	88		5,481		
3321 NONFERROUS METALS, NEC-----	68,087	38,798	17,960			7,333		
3322 COPPER ALLOYS, UNWORKED-----	198,911	113,378	26,837	13,129		17,933	4,038	
3323 LEAD AND ZINC, UNWORKED-----	28,210	9,979	8,885			1,586		
3324 ALUMINUM AND ALLOYS, UNWORKED-----	58,078	37,887	15,888			787		
3411 FABRICATED METAL PRODUCTS-----	467,375	325,815	123,212	8,938		11,818		
3412 MACHINERY, EXCEPT ELECTRICAL-----	801,781	298,951	296,264	1,809		9,338		
3413 ELECTRICAL MACH AND EQUIP-----	478,855	238,830	175,121	8,508		58,998		
3711 MOTOR VEHICLES, PARTS, EQUIP-----	662,225	513,725	138,088	1,793		8,860		
3721 AIRCRAFT AND PARTS-----	5,339	322	4,988	1		32		
3731 SHIPS AND BOATS-----	10,365	4,770	2,428	2		2,965		
3791 MISC TRANSPORTATION EQUIPMENT-----	20,622	3,892	18,066	1,495		169		
3811 INSTN, TINF, PHOTO, OPT GOODS-----	189,263	68,316	88,492	231		228		
3911 MISC MANUFACTURED PRODUCTS-----	216,511	176,908	28,089	3,095		7,118	1,303	
4011 IRON AND STEEL SCRAP-----	1,651,306	721	1,217,233	28,652		10,989	1,588	388,205
4012 NONFERROUS METAL SCRAP-----	85,002	3,099	80,175	1,088		280		
4022 TEXTILE WASTE, SCRAP, SWFF-----	103,980	4,168	95,698	3,751		327		
4029 PAPER WASTE AND SCRAP-----	287,657	3,783	283,580	282		83		
4029 WASTE AND SCRAP, NEC-----	10,183,391			28		5,075	7,302,088	2,875,298
4111 WATER-----	45,242							45,242
4112 COMMODITIES, NEC-----	1,079,197	85,908	28,839	256,671		788,688		3,181
9999 DEPARTMENT OF DEFENSE AND ACT-----	37,368		37,368					

Waterborne Commerce of the United States, 1982

WATERBORNE COMMERCE OF THE UNITED STATES, 1982
 (CONSOLIDATED REPORTS)—CONTINUED

WEIGHT TRAFFIC, 1982

DEPARTING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		THROUGH LIPUON
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL	7,424,941	2,749,675	690,497	1,937,949	1,812,141	12,781
0101 COTTON, RA	221		221			
0103 CORN	20,015		20,015			
0105 RICE	191	191				
0106 WHEAT	537		537			
0107 WHEAT, DURUM	258,171		258,171			
0110 OILSEEDS, NEC	933	476				
0121 TOBACCO, LEAF	20,197	19,912	284			
0129 FIELD CROPS, NEC	560	547	13			
0131 FRESH FRUITS	600	23	577			
0132 BANANAS AND PLANTAINS	61,963	64,866	27			
0133 CEREALS	14,004	13,759	245			
0134 COCOA BEANS	10,371	10,371				
0141 FRESH AND FROZEN VEGETABLES	2,002	1,117	885			
0151 LIVE ANIMALS	1		1			
0161 ANIMALS AND PRODUCTS, NEC	6,047	2,876	3,171			
0191 MISCELLANEOUS FARM PRODUCTS	613	602	11			
0841 CHIEF RUBBER AND ALLIED GUMS	2,296	2,077	219			
0961 FOREST PRODUCTS, NEC	4,759	4,369	390			
0911 FRESH FISH, EXCEPT SHELLFISH	1,442	1,314	128			
0912 SHELLFISH, EXCEPT PREPARED	1,941	1,854	87			
1011 IRON ORE AND CONCENTRATES	199		199			
1051 ALUMINUM ORES, CONCENTRATES	2,222		2,222			
1061 MANGANESE ORES, CONCENTRATES	16		16			
1091 NONFERROUS ORES, CONCENTRATES, NEC	212	171	41			
1121 COAL AND LIGNITE	6,283		6,283			
1311 CRUDE PETROLEUM	37,406	37,406				
1411 LIMESTONE	1,050,436	1,049,747	689			
1442 SAND, GRAVEL, CRUSHED ROCK	891,713	892	8,478	287,100	604,153	
1451 CLAY	4,501	4,485	16			
1491 SALT	30,909	30,315	594			
1492 SULPHUR, DRY	545		545			
1499 NONMETALLIC MINERALS, NEC	2,196	247	1,949			
1911 ORDNANCE AND ACCESSORIES	1,455	479	976			
2011 MEAT, FRESH, CHILLED, FROZEN	19,231	14,958	4,273			
2012 MEAT AND PRODUCTS, NEC	3,253	1,109	2,144			
2014 TALLOW, ANIMAL FATS AND OILS	4,816		4,816			
2015 ANIMAL BY-PRODUCTS, NEC	2,959	1,468	1,491			
2021 DAIRY PRODUCTS, NEC	8,773	5,701	3,072			
2022 DRIED MILK AND CREAM	1,855		1,855			
2031 FISH AND SHELLFISH, PREPARED	9,791	9,176	615			
2034 VEGETABLES AND PREP, NEC	40,601	40,808	793			
2039 PREP FRUIT AND VEG JUICE, NEC	17,588	15,202	2,386			
2041 WHEAT FLOUR AND SEMOLINA	226		226			
2042 ANIMAL FEEDS	30,706	440	30,266			
2049 GRAIN MILL PRODUCTS, NEC	14,161	11,298	2,863			
2061 SUGAR	375,053	255,250	119,803			
2062 MOLASSES	29,362	26,542	2,820			
2081 ALCOHOLIC BEVERAGES	121,028	118,092	2,936			
2091 VEGETABLE OILS, MARG, SHORT	4,518	6,022	1,504			
2092 ANIMAL OILS AND FATS, NEC	1,204	1,241	37			
2099 MISCELLANEOUS FOOD PRODUCTS	45,435	28,251	17,184			
2111 TOBACCO MANUFACTURES	500	128	372			
2211 BASIC TEXTILE PRODUCTS	25,607	15,943	9,664			
2212 TEXTILE FIBERS, NEC	134		134			
2311 APPAREL	19,191	18,088	1,103			
2411 LUMBER	2,380		2,380			
2413 FUEL WOOD, CHARCOAL, WASTES	2,380		2,380			
2414 WOOD CHIPS, STAVES, HOLDINGS	2,004	1,905	99			
2421 LUMBER	14,721	14,392	329			
2431 VENEER, PLYWOOD, WORKED WOOD	771	410	361			
2491 WOOD MANUFACTURES, NEC	3,379	2,492	887			
2511 FURNITURE AND FIXTURES	11,651	9,418	2,233			
2611 PULP	4,468	2,407	2,061			
2631 PAPER AND PAPERBOARD	19,856	2,230	17,626			
2691 PULP AND PAPER PRODUCTS, NEC	12,005	2,923	9,082			
2711 PRINTED MATTER	14,843	4,866	9,977			
2811 CHIEF TAP, OIL, GAS PRODUCTS	40		40			
2812 DYES, PIGMENT, TANNING MATS	1,200		1,200			
2813 ALCOHOLS	10		10			
2816 RADIOACTIVE MATERIALS, WASTE	124	62	62			
2819 BASIC CHEMICALS AND PROD, NEC	54,403	28,952	25,451			
2821 PLASTIC MATERIALS	50,051	19,209	30,842			
2822 SYNTHETIC RUBBER	1,056		1,056			
2823 SYNTHETIC (MAN-MADE) FIBERS	3,352	2,333	1,019			
2831 DRUGS	3,109	1,322	1,787			
2841 SOAP	11,258	2,220	9,038			
2841 PAINTS	13,032	9,141	3,891			
2861 GUM AND WOOD CHEMICALS	43	22	21			
2871 NITROGENOUS CHEM FERTILIZERS	2,201	2	2,199			
2873 PHOSPHATIC CHEM FERTILIZERS	87	3	84			
2876 INSECTICIDES, DISINFECTANTS	1,688	665	1,023			
2879 FERTILIZER AND MATERIALS, NEC	69		69			
2891 MISCELLANEOUS CHEMICAL PROD	23,786	4,276	19,510			
2911 GASOLINE	363,015	9,013	354,002			
2912 JET FUEL	43,715		43,715			
2913 KEROSENE	20,914	19,313	1,601			
2914 DISTILLATE FUEL OIL	309,293	2,131	307,162			
2915 RESIDUAL FUEL OIL	1,252,208	442,524	809,684			
2916 LUBRICATING OILS AND GREASES	61,932	50,743	11,189			

NEW YORK, NY, DISTRICT

HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y. TO WATERFORD, N. Y. (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1942--CONTINUED

OFFSHOOTING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		THROUGH
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
2017 NAPHTHA, PETROLEUM SOLVENTS	37,114			37,114		
2018 ASPHALT, TAR, AND BITUMENS	60,540	4,705	221	46,834		12,781
2920 COKE, PETROLEUM	42,094		42,094			
2921 LIQUEFIED GASES	292	4	288			
2951 ASPHALT BUILDING MATERIAL	1,459		1,459			
2991 PETROLEUM AND COAL PROD, NEC	3,804	569	899			2,336
3011 RUBBER AND MISC PLASTIC PROD	22,371	14,635	7,736			
3111 LEATHER AND LEATHER PRODUCTS	15,820	10,680	5,140			
3211 GLASS AND GLASS PRODUCTS	17,576	10,299	7,277			
3241 BUILDING CEMENT	1,154,904	19,174	511			1,135,224
3251 STRUCTURAL CLAY PRODUCTS	12,634	9,322	3,312			
3271 LIME	34	24	4			
3281 CUT STONE AND STONE PRODUCTS	7,289	7,229	60			
3291 MISC NONMETALLIC MINERAL PROD	10,544	11,191	3,393			
3314 IRON AND STEEL PRIMARY FORMS	114	62	56			
3315 IRON, STEEL SHAPES, EXC SHEET	25,272	24,227	1,045			
3316 IRON AND STEEL PLATES, SHEETS	8,421		8,421			
3317 IRON AND STEEL PIPE AND TUB	5,041	2,945	2,096			
3318 FERROALLOYS	292	272	20			
3319 IRON AND STEEL PRODUCTS, NEC	3,374	2,649	709			
3321 NONFERROUS METAL, NEC	4,613	3,242	1,371			
3322 COPPER ALLOYS, UNWORKED	12,085	11,323	762			
3323 LEAD AND ZINC, UNWORKED	675	341	334			
3324 ALUMINUM AND ALLOYS, UNWORKED	7,107	5,431	1,676			
3411 FABRICATED METAL PRODUCTS	54,413	38,443	15,970			
3511 MACHINERY, EXCEPT ELECTRICAL	56,492	24,649	32,125			114
3611 ELECTRICAL MACH AND EQUIP	44,547	24,414	19,733			
3711 MOTOR VEHICLES, PARTS, EQUIP	51,577	38,222	13,355			
3721 AIRCRAFT AND PARTS	405	110	295			
3731 SHIPS AND BOATS	280	140	140			
3791 MISC TRANSPORTATION EQUIPMENT	4,704	43	4,661			
3811 INSTR, TIME, PHOTO, OPT GOODS	17,661	5,379	12,282			
3911 MISC MANUFACTURED PRODUCTS	30,141	26,670	3,471			
4011 IRON AND STEEL SCRAP	61,244	2	61,242			
4012 NONFERROUS METAL SCRAP	5,430	641	4,789			
4022 TEXTILE WASTE, SCRAP, SWEEP	10,372	33	10,339			
4024 PAPER WASTE AND SCRAP	64,043	51	64,002			
4112 COMMODITIES, NEC	11,731	4,305	7,426			
9999 DEPARTMENT OF DEFENSE AND ST	4,975		4,975			

TON-MILES, OFFSHOOTING, 443,949,274.

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			
TOTAL	13,114,886	8,316,231	4,716	2,22,152	3,773,072	72,744	354,545	307,346
0133 COFFEE	76,020	73,460				2,560		
1442 SAND, GRAVEL, CRUSHED ROCK	2,991,886				2,640,549		351,337	
2091 VEGETABLE OILS, MARG, SHORT	14,079	12,945			1,094			
2810 SODIUM HYDROXIDE	4,374	4,374						
2911 GASOLINE	3,185,831	2,953,449		120,936	19,446	6,279	5,076	40,442
2912 JET FUEL	166,400	51,094		27,940	87,366			43,405
2913 KEROSENE	156,617	143,726		1,422				11,469
2914 DISTILLATE FUEL OIL	2,360,472	2,132,815		2,353	77,012	44,734	37,949	41,362
2915 RESIDUAL FUEL OIL	3,010,336	2,448,597		2,363	54,442	16,109	25,941	5,042
2916 LUBRICATING OILS AND GREASES	251	251						
2917 NAPHTHA, PETROLEUM SOLVENTS	2,901	2,901						
2918 ASPHALT, TAR, AND BITUMENS	114,276	29,344						44,934
2991 PETROLEUM AND COAL PROD, NEC	16,026	15,816			210			
3241 BUILDING CEMENT	327,696				327,696			
4011 IRON AND STEEL SCRAP	32,209				32,209			
4029 WASTE AND SCRAP, NEC	647,707				647,707			
4111 WATER	3,415	3,415						

TON-MILES, INTERNAL, 434,289,068.

TONS, ALL TRAFFIC, 20,543,867.

TON-MILES, ALL TRAFFIC, 1,278,238,346.

Waterborne Commerce of the United States, 1982

HUDSON RIVER, N. Y., MOUTH OF SPUYTEN DUYVIL CREEK (CHARLEM RIVER) TO WATERFORD, N. Y.

SECTION INCLUDED: MOUTH OF SPUYTEN DUYVIL CREEK (CHARLEM RIVER) TO WATERFORD, N. Y. CONTROLLING DEPTHS: 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, N. Y. PROJECT DEPTHS: 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

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	32,067,221	1,249,032	1978	25,743,749	655,049
1974	28,685,748	1,251,333	1979	24,410,676	1,117,009
1975	26,880,506	911,087	1980	23,204,158	1,104,844
1976	26,279,222	1,025,518	1981	17,739,985	1,012,533
1977	24,313,696	932,470	1982	17,278,634	880,003

FREIGHT TRAFFIC, 1982

OCEANGOING
(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		THROUGH UPBOUND
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL	5,544,005	1,534,331	361,865	1,798,046	1,810,466	19,317
0103 CORN	19,852		19,852			
0107 WHEAT	258,471		258,471			
0132 BANANAS AND PLANTAINS	62,257	62,247				
0861 FOREST PRODUCTS, NEC	5	5				
1121 COAL AND LIGNITE	6,046		6,046			
1311 CRUDE PETROLEUM	37,406	37,406				
1411 LIMESTONE	1,049,747	1,049,747				
1442 SAND, GRAVEL, CRUSHED ROCK	750,202		5,871	158,178	595,153	
2034 VEGETABLES AND PREP, NFC	27	0	18			
2039 PREP FRUIT AND VEG JUICE, NFC	912	912				
2042 ANIMAL FEEDS	6		6			
2061 SUGAR	366,578	247,212		119,366		
2062 MOLASSES	3,230	530		2,700		
2099 MISCELLANEOUS FOOD PRODUCTS	5,200		5,200			
2211 BASIC TEXTILE PRODUCTS	6		6			
2311 APPAREL	1		1			
2511 FURNITURE AND FIXTURES	19		19			
2711 PRINTED MATTER	1	1				
2819 BASIC CHEMICALS AND PROD, NEC	34	13	21			
2821 PLASTIC MATERIALS	8		8			
2831 DRUGS	10		10			
2851 PAINTS	1		1			
2871 NITROGENOUS CHFM FERTILIZERS	1,850			1,850		
2911 GASOLINE	352,042			352,042		
2917 JET FUEL	43,715				43,715	
2915 KEROSENE	10,301			6,490	3,611	
2914 DISTILLATE FUEL OIL	305,575			275,741	23,208	6,536
2915 RESIDUAL FUEL OIL	921,907	112,222		801,361	8,324	
2916 LUBRICATING OILS AND GREASES	2		2			
2917 NAPHTHA, PETROLEUM SOLVENTS	35,867			35,867		
2918 ASPHALT, TAR, AND BITUMENS	59,614			46,833		12,781
2920 COKE, PETROLEUM	41,808		41,808			
2991 PETROLEUM AND COAL PROD, NEC	1,121				1,121	
3011 RUBBER AND MISC PLASTIC PROD	21		21			
3241 BUILDING CEMENT	1,135,224				1,135,224	
3291 MISC NONMETALLIC MINERAL PROD	18		18			
3316 IRON AND STEEL PLATES, SHEETS	9		9			
3317 IRON AND STEEL PIPE AND TUBE	14		14			
3321 NONFERROUS METALS, NEC	804	804				
3411 FABRICATED METAL PRODUCTS	2		1			
3511 MACHINERY, EXCEPT ELECTRICAL	2,050	1	1,931	118		
3611 ELECTRICAL MACH AND EQUIP	11					
3711 MOTOR VEHICLES, PARTS, EQUIP	23,203	23,180	18			
3791 MISC TRANSPORTATION EQUIPMENT	5		5			
3811 INSTR, TIME, PHOTO, OPT GOODS	10		10			
4011 IRON AND STEEL SCRAP	39,771		39,771			
4012 NONFERROUS METAL SCRAP	20		20			
4112 COMMODITIES, NEC	22	22				

TON-MILES, OCEANGOING, 375,703,243.

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH UPBOUND
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			
TOTAL	11,734,629	7,635,717	4,716	282,152	3,259,813	29,733	215,512	307,386
1442 SAND, GRAVEL, CRUSHED ROCK	2,996,803				2,802,578		188,224	
2910 SODIUM HYDROXIDE	2,432		2,432					
2911 GASOLINE	3,185,831	2,953,449		120,936	19,408	6,279	5,076	80,482
2912 JET FUEL	166,800	51,098		27,940	4,273			83,493
2915 KEROSENE	104,780	131,889		1,822				11,469
2914 DISTILLATE FUEL OIL	2,269,143	2,068,402	2,353	77,012	63,711	10,923	5,190	41,352
2915 RESIDUAL FUEL OIL	2,487,444	2,384,186	2,363	54,842	15,078	8,531	17,022	5,462
2917 NAPHTHA, PETROLEUM SOLVENTS	2,901	2,901						

NEW YORK, NY, DISTRICT

HUDSON RIVER, N. Y., MOUTH OF SPIUYTEN DUYVIL CREEK
(HARLEM RIVER) TO WATERFORD, V. Y.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		THROUGH UPBOUND
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	
2918 ASPHALT, TAR, AND BITUMENS-----	114,278	29,348				84,930
2991 PETROLEUM AND COAL PROD, NEC-----	15,816	15,816				
3281 BUILDING CEMENT-----	327,696				327,696	
8011 IRON AND STEEL SCRAP-----	1,546				1,546	
8029 WASTE AND SCRAP, NEC-----	25,121				25,121	
TON-MILES, INTERNAL, 704,179,213,						
TONS, ALL TRAFFIC, 17,278,634,						
TON-MILES, ALL TRAFFIC, 1,079,882,456,						

TARRYTOWN HARBOR, N. Y.
(INCLUDED IN STATISTICS FOR HUDSON RIVER)

SECTION INCLUDED: A CHANNEL ALONG THE WHARF FRONT; AND NORTHERLY AND SOUTHERLY CONNECTING CHANNELS TO DEEP WATER IN THE HUDSON RIVER,
CONTROLLING DEPTH: 9 FEET IN NORTH BRANCH AND 10 FEET ALONG WHARF FRONT AND 10 FEET IN SOUTH BRANCH. PROJECT DEPTH: 12 FEET. ALL
AT MEAN LOW WATER. PROJECT LENGTH: 1 MILE. NAVIGATION SEASON: 10 MONTHS OF THE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	632,798	1978-----	430,798
1974-----	669,239	1979-----	470,287
1975-----	492,129	1980-----	433,203
1976-----	409,571	1981-----	338,760
1977-----	257,359	1982-----	395,892

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL
		RECEIPTS	RECEIPTS
TOTAL-----	395,892	155,851	239,951
1442 SAND, GRAVEL, CRUSHED ROCK-----	308,075	155,851	152,224
2914 DISTILLATE FUEL OIL-----	24,425		24,325
2915 RESIDUAL FUEL OIL-----	27,402		27,402

ROXBURY HARBOR, N. Y.
(INCLUDED IN STATISTICS FOR HUDSON RIVER)

SECTION INCLUDED: HUDSON RIVER TO WEST END OF ISLAND DOCK, CONTROLLING DEPTH: 14 FEET FROM DEEP WATER IN HUDSON RIVER TO HIGHWAY
BRIDGE, THENCE 12 FEET TO WEST END OF ISLAND DOCK. PROJECT DEPTH: 14 AND 12 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH:
1.8 MILES. NAVIGATION SEASON: 9 MONTHS OF THE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	861,394	1978-----	442,173
1974-----	650,322	1979-----	508,890
1975-----	511,037	1980-----	413,971
1976-----	437,730	1981-----	418,210
1977-----	514,169	1982-----	455,999

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE	INTERNAL
		SHIPMENTS	SHIPMENTS
TOTAL-----	455,999	115,000	220,508
1442 SAND, GRAVEL, CRUSHED ROCK-----	334,000	115,000	219,000
2911 GASOLINE-----	30,286		30,286
2913 KEROSENE-----	837		837
2914 DISTILLATE FUEL OIL-----	68,708		68,708
2915 RESIDUAL FUEL OIL-----	622		622
8011 IRON AND STEEL SCRAP-----	1,546		1,546

Waterborne Commerce of the United States, 1982

PORT OF ALBANY, N. Y.
(INCLUDED IN STATISTICS FOR HUDSON RIVER)

SECTION INCLUDED: FROM THE SOUTHERLY END OF CARRAGE ISLAND OR ISLAND CREEK TO THE NORTHERLY LIMITS OF THE CITIES OF PENNSAELER AND ALBANY. CONTROLLING DEPTH: 32 FEET MEAN LOW WATER FROM THE SOUTHERLY END OF CARRAGE ISLAND TO 4,500 FEET SOUTH OF NORTH LIMIT OR 32-FOOT PROJECT; THENCE 13 FEET TO NORTH LIMIT OF 32-FOOT PROJECT; THENCE 14 FEET TO WATERFORD. PROJECT DEPTH: 30 FEET IN ROCK AND 32 FEET IN SOFT MATERIAL TO A POINT ABOUT 2,200 FEET SOUTH OF DUNN MEMORIAL 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, 6 MONTHS; FOR OCEANGOING VESSELS, 12 MONTHS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	11,324,279		1976	9,632,493	144
1974	9,810,040		1979	9,658,112	
1975	9,260,233		1980	8,711,672	302
1976	10,146,459	720	1981	5,473,241	102
1977	9,591,325		1982	5,154,408	116

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FORGIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
TOTAL	5,154,408	380,067	332,088	782,798	80,060	3,151,809	196,555	27,062
0103 CORN	19,852		19,852					
0107 WHEAT	254,471		254,471					
0132 BANANAS AND PLANTAINS	62,257	62,257						
1311 CRUDE PETROLEUM	37,399	37,399						
1411 LIMESTONE	258,954	258,954						
2039 PREP FRUIT AND VEG JUICE, NEC	910	910						
2062 MOLASSES	530	530						
2711 PRINTED MATTER	1	1						
2810 SODIUM HYDROXIDE	2,432					2,432		
2871 NITROGENOUS CHEM FERTILIZERS	1,850			1,850				
2911 GASOLINE	2,110,188			344,774		1,617,687	141,911	5,814
2912 JET FUEL	116,564				45,715	40,656	32,213	
2913 KEROSENE	95,610			6,680	3,611	85,887	1,422	
2914 DISTILLATE FUEL OIL	1,239,749			275,741	23,298	787,809	184,063	4,838
2915 RESIDUAL FUEL OIL	827,801			117,874	4,320	612,297	74,946	14,810
2917 NAPHTHA, PETROLEUM SOLVENTS	38,768			35,867		2,901		
2920 COKE, PETROLEUM COKE	12,117		12,117					
2991 PETROLEUM AND COAL PROD, NEC	5,331				1,121	4,210		
3321 NONFERROUS METALS, NEC	804	804						
3511 MACHINERY, EXCEPT ELECTRICAL	1,874		1,877					
3711 MOTOR VEHICLES, PARTS, EQUIP	23,189	23,189						
4011 IRON AND STEEL SCRAP	30,771		30,771					
4112 COMMODITIES, NEC	22	22						

FEDERAL LOCK, TROY, N. Y.

NAVIGATION SEASON: 13 APRIL TO 14 DECEMBER 1982

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	2,386,888	1976	1,490,922
1974	2,124,615	1979	1,262,205
1975	1,747,012	1980	1,034,103
1976	1,940,369	1981	731,570
1977	1,568,076	1982	632,633

FREIGHT TRAFFIC, 1982

COMMODITY	TONS
2062 MOLASSES	10,532
2879 FERTILIZER AND MATERIALS, NEC	3,400
2911 GASOLINE	221,985
2912 JET FUEL	108,661
2913 KEROSENE	19,176
2914 DISTILLATE FUEL OIL	94,379
2915 RESIDUAL FUEL OIL	88,806
2918 ASPHALT, TAR, AND PITCHES	104,904
3317 IRON AND STEEL PIPE AND TURF	100
3511 MACHINERY, EXCEPT ELECTRICAL	600
GRAND TOTAL	632,633
TRAFFIC (TONS) NORTH	628,380
TRAFFIC (TONS) SOUTH	4,254
TOTAL	632,633

NEW YORK, NY, DISTRICT

NEW YORK STATE BARGE CANAL SYSTEM, N. Y.

SECTION INCLUDED: FEDERAL PROJECT-ERIE SECTION: FROM WATERFORD TO THREE RIVERS; OSWEGO SECTION: THREE RIVERS TO OSWEGO, N. Y.; NON-PROJECT-ERIE SECTION: THREE RIVERS TO TONAWANDA, N. Y.; CHAMPLAIN SECTION: WATERFORD TO WHITEHALL, N. Y. CONTROLLING DEPTH: 14 FEET IN EARTH CUTS, ROCK CUTS, CANALIZED RIVERS AND LAKES AND IN OPEN RIVERS; 12 FEET IN LOCKS. PROJECT DEPTH: 14 FEET, 13 FEET IN LOCKS. PROJECT LENGTH: APPROXIMATELY 184 MILES. ALL BELOW NORMAL POOL LEVEL. NAVIGATION SEASON: 22 APRIL TO 6 DECEMBER 1962.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	2,548,113	1976	1,553,310
1974	2,222,827	1977	1,303,337
1975	1,940,772	1980	1,138,382
1976	2,227,052	1981	807,925
1977	1,826,874	1982	777,292

SUMMARY FREIGHT TRAFFIC, 1962

DIVISIONS	TONS
CAYUGA-SENECA	-----
CHAMPLAIN	431,224
ERIE	283,806
OSWEGO	62,260
TOTAL	777,292

DISTRIBUTION AND FLOW OF TRAFFIC

TRAFFIC	CAYUGA-SENECA (TONS)	CHAMPLAIN (TONS)	ERIE (TONS)	OSWEGO (TONS)	TOTAL ALL CANALS (TONS)
EAST	-----	424,517	4,327	42,260	495,124
WEST	-----	2,489	279,479	-----	282,168
THROUGH	-----	427,127	31,025	62,160	520,312
LOCAL	-----	4,009	252,341	100	260,450
THROUGH, EAST	-----	424,434	4,327	42,160	495,925
THROUGH, WEST	-----	2,489	27,004	-----	29,493
LOCAL, EAST	-----	4,009	-----	100	4,109
LOCAL, WEST	-----	-----	252,341	-----	252,341

THE TOTAL TONNAGE OF THE COMMODITIES TRANSPORTED AND THE AMOUNTS (IN NET TONS) MOVED EASTWARD AND WESTWARD ARE SHOWN IN THE FOLLOWING STATEMENT:

COMMODITY	TOTAL	EAST	WEST
TOTAL	777,292	495,124	282,168
1482 SAND GRAVEL CRUSHED ROCK	74,650	-----	74,650
2062 MOLASSES	10,445	-----	10,445
2911 GASOLINE	194,782	179,604	17,178
2912 JET FUEL	122,322	117,979	4,343
2913 KEROSENE	23,041	23,041	-----
2914 DISTILLATE FUEL OIL	91,647	80,499	2,148
2915 RESIDUAL FUEL OIL	72,841	22,717	50,124
2918 ASPHALT, TAR, AND PITCHES	118,644	-----	118,644
3241 BUILDING CEMENT	62,160	62,160	-----
3411 FABRICATED METAL PRODUCTS	600	100	500
3511 MACHINERY, EXCEPT ELECTRICAL	100	-----	100
TOTAL TON-MILES, 65,425,929.			

NARROWS OF LAKE CHAMPLAIN, N. Y. AND VT.

SECTION INCLUDED: FROM WHITEHALL TO BENSON LANDING, CONTROLLING DEPTH: (1977) 12 FEET LOW LAKE LEVEL FROM WHITEHALL TO THE FLOWAGE THENCE 12 FEET TO BENSON LANDING. PROJECT DEPTH: 12 FEET LOW LAKE LEVEL. PROJECT LENGTH: 13.5 MILES. NAVIGATION SEASON: ABOUT 7 MONTHS OF THE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	1,374,345	1976	831,720
1974	1,337,763	1977	717,284
1975	1,097,110	1980	614,702
1976	1,272,836	1981	493,370
1977	1,060,367	1982	417,049

NOTE: ABOVE TOTALS INCLUDE THROUGH TRAFFIC.

Waterborne Commerce of the United States, 1982

NARROWS OF LAKE CHAMPLAIN, N. Y. AND VT.--CONTINUED

FREIGHT TRAFFIC, 1982

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	INTERNAL THROUGH	
		UPROUND	DOWNROUND
TOTAL-----	417,049	218,496	2,353
2911 GASOLINE-----	173,956	173,956	-----
2912 JET FUEL-----	106,986	106,986	-----
2913 KEROSENE-----	12,891	12,891	-----
2914 DISTILLATE FUEL OIL-----	110,255	107,902	2,353
2915 RESIDUAL FUEL OIL-----	12,961	12,961	-----
TOTAL TON-MILES, 7,506,882.			

HEMPSTEAD HARBOR, N. Y.

SECTION INCLUDED: FROM LONG ISLAND SOUND TO ROBLYN TOWN WHARF. CONTROLLING DEPTH: 6 FEET FROM ENTRANCE OF RAR REACH TO 2750 FEET ABOVE ENTRANCE, THENCE 6 FEET TO 0.0 FEET TO HEAD OF PROJECT. PROJECT DEPTH: 13 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.3 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973-----	3,932,757	192,726	1978-----	3,735,575	235,077
1974-----	3,229,077	215,216	1979-----	2,621,631	215,231
1975-----	2,298,906	225,580	1980-----	2,769,267	276,661
1976-----	1,488,398	246,973	1981-----	2,598,357	188,185
1977-----	1,502,662	224,400	1982-----	2,698,242	215,562

FREIGHT TRAFFIC, 1982

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		LOCAL
		RECEIPTS	SHIPMENTS	
TOTAL-----	2,698,242	1,020,522	1,675,321	2,399
1442 SAND, GRAVEL, CRUSHED ROCK-----	2,127,461	449,741	1,675,321	2,399
2911 GASOLINE-----	271,142	271,142	-----	-----
2913 KEROSENE-----	3,727	3,727	-----	-----
2914 DISTILLATE FUEL OIL-----	242,253	242,253	-----	-----
2915 RESIDUAL FUEL OIL-----	45,704	45,704	-----	-----
3731 SHIPS AND BOATS-----	2,771	2,771	-----	-----
4029 WASTE AND SCRAP, NEC-----	5,184	5,184	-----	-----
TOTAL TON-MILES, 6,827,898.				

PORT JEFFERSON HARBOR, N. Y.

SECTION INCLUDED: FROM DEEP WATER IN LONG ISLAND SOUND TO PORT JEFFERSON HARBOR, THENCE TO VILLAGE OF PORT JEFFERSON. CONTROLLING DEPTH: 27 FEET. PROJECT DEPTH: 40 FEET IN ENTRANCE CHANNEL. ALL AT MEAN LOW WATER. PROJECT LENGTH: 2.3 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1973-----	4,048,518	212,460	50,304	1978-----	4,407,276	106,330	25,055
1974-----	4,464,031	159,380	36,478	1979-----	4,231,607	203,088	50,786
1975-----	4,346,392	159,496	40,618	1980-----	3,301,718	31,320	-----
1976-----	4,409,221	149,584	45,014	1981-----	3,494,265	229,757	60,260
1977-----	4,484,081	90,789	24,434	1982-----	3,428,511	141,202	30,190

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN IMPORTS	DOMESTIC		INTERNAL RECEIPTS
			COASTWISE		
			RECEIPTS	SHIPMENTS	
TOTAL-----	3,428,511	288,011	3,121,390	19,093	17
0912 SHELLFISH, EXCEPT PREPARED-----	17	-----	-----	-----	17
1442 SAND, GRAVEL, CRUSHED ROCK-----	255,161	-----	255,161	-----	-----

NEW YORK, NY, DISTRICT

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PORT JEFFERSON HARBOR, N. Y.--CONTINUED
 FREIGHT TRAFFIC, 1982--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC	
		IMPORTS	COASTWISE		INTERNAL
			RECEIPTS	SHIPMENTS	RECEIPTS
2061 SUGAR	25,53A	25,53A			
2011 GASOLINE	1,629,503	227,55A	1,401,945		
2012 JET FUEL	53,275		35,135	1A,140	
2013 KEROSENE	29,910		28,957	953	
2014 DISTILLATE FUEL OIL	A6A,5A1	1A,471	A52,0AA		
2015 RESIDUAL FUEL OIL	555,692	1A,444	537,24A		
2017 NAPHTHA, PETROLEUM SOLVENTS	2,04A		2,04A		
2041 PETROLEUM AND COAL PROD, NEC	8,017		8,017		
4029 WASTE AND SCRAP, NEC	791		791		
TOTAL TON-MILES	4,857,005.				

Waterborne Commerce of the United States, 1982

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
BROWNS CREEK, N. Y.	4112 COMMODITIES, NEC	4,998	4,998	910,734
MURLINGTON HARBOR, VT.	2911 GASOLINE	63,422		
	2912 JET FUEL	9,479		
	2913 KEROSENE	6,874		
	2914 DISTILLATE FUEL OIL	49,992		
	2915 RESIDUAL FUEL OIL	3,595		
	TOTAL	133,362		
CHEESEHAKE CREEK, N. J. (INCLUDED IN PORT OF NEW YORK)	NO COMMERCE REPORTED			
CONEY ISLAND CREEK, N. Y. (INCLUDED IN PORT OF NEW YORK)	1442 SAND, GRAVEL, CRUSHED ROCK	17,553	17,553	
ECHO BAY HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)	1442 SAND, GRAVEL, CRUSHED ROCK	1,214	1,214	
ELIZABETH RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)	NO COMMERCE REPORTED			
FIRE ISLAND INLET, N. Y.	0911 FRESH FISH, EXCEPT SHELLFISH	23		
	0912 SHELLFISH, EXCEPT PREPARED	50		
	TOTAL	73	73	270,260
GLEN COVE CREEK, N. Y.	1442 SAND, GRAVEL, CRUSHED ROCK	194,358		
	2914 DISTILLATE FUEL OIL	18,204		
	4029 WASTE AND SCRAP, NEC	3,000		
	TOTAL	215,562	215,562	
GLEN COVE HARBOR, N. Y.	NO COMMERCE REPORTED			
GREAT KILLS HARBOR, STATEN ISLAND, N. Y. (INCLUDED IN PORT OF NEW YORK)				73,930
GREAT SOUTH BAY, N. Y. (INCLUDING STATISTICS FOR PATCHOGUE RIVER, N. Y.)	0911 FRESH FISH, EXCEPT SHELLFISH	26		
	0912 SHELLFISH, EXCEPT PREPARED	3,032		
	4112 COMMODITIES, NEC	15,450		
	TOTAL	18,508	32,977	2,987,837
GREENPORT HARBOR, N. Y.	0911 FRESH FISH, EXCEPT SHELLFISH	2,093		
	0912 SHELLFISH, EXCEPT PREPARED	551		
	2914 DISTILLATE FUEL OIL	128		
	TOTAL	2,772	2,772	274,356
HUNTINGTON HARBOR, N. Y.	0912 SHELLFISH, EXCEPT PREPARED	275		
	1442 SAND, GRAVEL, CRUSHED ROCK	6,180		
	TOTAL	6,455	12,635	20
JONES INLET, N. Y.	0911 FRESH FISH, EXCEPT SHELLFISH	1,259		
	0912 SHELLFISH, EXCEPT PREPARED	744		
	TOTAL	2,003	4,006	132,850
KEYPORT HARBOR, N. J. (INCLUDED IN PORT OF NEW YORK)				7,610
LAKE MONTAUK HARBOR, N. Y.	0911 FRESH FISH, EXCEPT SHELLFISH	3,204		
	0912 SHELLFISH, EXCEPT PREPARED	196		
	TOTAL	3,400	3,400	881,900
LARCHMONT HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)	NO COMMERCE REPORTED			
LEMON CREEK, STATEN ISLAND, N. Y. (INCLUDED IN PORT OF NEW YORK)	NO COMMERCE REPORTED			
LONG ISLAND INTRACOASTAL WATERWAY, N. Y.	0911 FRESH FISH, EXCEPT SHELLFISH	1,214		
	0912 SHELLFISH, EXCEPT PREPARED	668		
	TOTAL	1,886	28,927	22,028
MAMARONECK HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)	NO COMMERCE REPORTED			
MANHASSET BAY, N. Y. (INCLUDED IN PORT OF NEW YORK)	2914 DISTILLATE FUEL OIL	164,543		
	2915 RESIDUAL FUEL OIL	4,802		
	TOTAL	169,345	495,596	
MATTITUCK HARBOR, N. Y.	0911 FRESH FISH, EXCEPT SHELLFISH	485		
	0912 SHELLFISH, EXCEPT PREPARED	12		
	TOTAL	497	998	12,760
NEW ROCHELLE HARBOR, N. Y. (INCLUDED IN PORT OF NEW YORK)				79,720
NORTHPORT HARBOR, N. Y.	2915 RESIDUAL FUEL OIL	90,214	90,214	32
OROND CREEK, N. Y.	0911 FRESH FISH, EXCEPT SHELLFISH	25		
	0912 SHELLFISH, EXCEPT PREPARED	1,275		
	TOTAL	1,300	1,300	
PATCHOGUE RIVER, N. Y. (INCLUDED IN STATISTICS FOR GREAT SOUTH BAY, N. Y.)				78,523

NEW YORK, NY, DISTRICT

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OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS-MILES	PASSENGERS
PROJECT--CONTINUED				
PECONIC RIVER, N. Y.	NO COMMERCE REPORTED			
PEEKSKILL HARBOR, N. Y. (INCLUDED IN STATISTICS FOR HUDSON RIVER)	NO COMMERCE REPORTED			
PORT HENRY HARBOR, N. Y.	2911 GASOLINE 2913 KEROSENE 2914 DISTILLATE FUEL OIL TOTAL	4,163 471 3,658 8,292		
RAHWAY RIVER, N. J. (INCLUDED IN PORT OF NEW YORK)	1442 SAND, GRAVEL, CRUSHED ROCK	35,330	70,660	
ROUSE POINT, N. Y.				558
SAG HARBOR, N. Y.	2914 DISTILLATE FUEL OIL	1,620	1,620	
SANDY HOOK BAY AT LEONARDO, N. J. (INCLUDED IN PORT OF NEW YORK)	NO COMMERCE REPORTED			
SANDY HOOK BAY, N. J.				293,790
SAUGERTIES HARBOR, N. Y. (INCLUDED IN STATISTICS FOR HUDSON RIVER)	NO COMMERCE REPORTED			
SHARK RIVER, N. J.				883,850
SHEEPSHEAD BAY, N. Y.	1311 CRUDE PETROLEUM 2914 DISTILLATE FUEL OIL 4029 WASTE AND SCRAP, NEC TOTAL	2,899 1,204 19,202 23,305	23,305	386,990
SHINNECOCK INLET, N. Y.	0911 FRESH FISH, EXCEPT SHELLFISH 0912 SHELLFISH, EXCEPT PREPARED TOTAL	982 53 1,035	2,070	5,380
SHOAL HARBOR AND COMPTON CREEK, N. J. (INCLUDED IN PORT OF NEW YORK)	1442 SAND, GRAVEL, CRUSHED ROCK 4029 WASTE AND SCRAP, NEC TOTAL	1,051 3,281 4,332	8,664	
SHREWSBURY RIVER, N. J.				148,470
WALLABOUT CHANNEL, N. Y. (INCLUDED IN PORT OF NEW YORK)	NO COMMERCE REPORTED			
WAYCAKE CREEK, N. J. (INCLUDED IN PORT OF NEW YORK)	NO COMMERCE REPORTED			
NONPROJECT				
BOWANUS CANAL, N. Y. (INCLUDED IN PORT OF NEW YORK)	1442 SAND, GRAVEL, CRUSHED ROCK 2913 KEROSENE 2914 DISTILLATE FUEL OIL 2915 RESIDUAL FUEL OIL 3731 SHIPS AND BOATS TOTAL	252,401 2,789 332,054 80,696 2,771 630,711	857,936	
GRAVESEND BAY, N. Y. (INCLUDED IN PORT OF NEW YORK)	1311 CRUDE PETROLEUM 1442 SAND, GRAVEL, CRUSHED ROCK 2911 GASOLINE 2913 KEROSENE 2914 DISTILLATE FUEL OIL 2915 RESIDUAL FUEL OIL 2916 LUBRICATING OILS AND GREASES 2917 NAPHTHA, PETROLEUM SOLVENTS 4029 WASTE AND SCRAP, NEC 4111 WATER 4112 COMMODITIES, NEC TOTAL	136,576 17,553 39,858 7,821 14,154 303,076 150 1,340 147,754 2,685 48 708,904	706,750	
LONG ISLAND SOUND, N. Y. (INCLUDED IN PORT OF NEW YORK)	2914 DISTILLATE FUEL OIL	4,553	10,650	79,720
OYSTER BAY, N. Y.	1442 SAND, GRAVEL, CRUSHED ROCK 2911 GASOLINE 2914 DISTILLATE FUEL OIL 2915 RESIDUAL FUEL OIL TOTAL	204,648 66,609 223,617 1,404 496,278	921,101	
SANDY HOOK BAY, N. J. (INCLUDED IN PORT OF NEW YORK)	2049 GRAIN MILL PRODUCTS, NEC 2099 MISCELLANEOUS FOOD PRODUCTS 2211 BASIC TEXTILE PRODUCTS 2212 TEXTILE FINISHERS, NEC 2311 APPAREL 2491 WOOD MANUFACTURES, NEC 2511 FURNITURE AND FIXTURES 2631 PAPER AND PAPER PRODUCTS 2691 PULP AND PAPER PRODUCTS, NEC 2711 PRINTED MATTER 2819 BASIC CHEMICALS AND PROD, NEC 2821 PLASTIC MATERIALS 2831 DRUGS 2841 SOAP	3 67 17 2 12 3 12 21 4 32 5 4 1 4		

Waterborne Commerce of the United States, 1982

OTHER HARRORS AND WATERWAYS--CONTINUED

HARROR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
NONPROJECT--CONTINUED				
SANDY HOOK BAY, N. J. (INCLUDED IN PORT OF NEW YORK (CONTINUED))-----				
	2851 PAINTS-----	11	-----	-----
	2876 INSECTICIDES, DISINFECTANTS-----	2	-----	-----
	2879 FERTILIZER AND MATERIALS, NEC-----	5	-----	-----
	2891 MISCELLANEOUS CHEMICAL PROD-----	177	-----	-----
	2913 KEROSENE-----	101	-----	-----
	2914 DISTILLATE FUEL OIL-----	12,963	-----	-----
	2915 RESIDUAL FUEL OIL-----	533	-----	-----
	2916 LUBRICATING OILS AND GREASES-----	35	-----	-----
	3011 RUBBER AND MISC PLASTIC PROD-----	5	-----	-----
	3211 GLASS AND GLASS PRODUCTS-----	3	-----	-----
	3291 MISC NONMETALLIC MINERAL PROD-----	4	-----	-----
	3316 IRON AND STEEL PLATES, SHEETS-----	330	-----	-----
	3317 IRON AND STEEL PIPE AND TUBE-----	4	-----	-----
	3322 COPPER ALLOYS, UNWORKED-----	2	-----	-----
	3323 LEAD AND ZINC, UNWORKED-----	13	-----	-----
	3324 ALUMINUM AND ALLOYS, UNWORKED-----	1	-----	-----
	3411 FABRICATED METAL PRODUCTS-----	64	-----	-----
	3511 MACHINERY, EXCEPT ELECTRICAL-----	174	-----	-----
	3611 ELECTRICAL MACH AND EQUIP-----	48	-----	-----
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	11	-----	-----
	3721 AIRCRAFT AND PARTS-----	1	-----	-----
	3811 INSTR, TIME, PHOTO, OPT GOODS-----	26	-----	-----
	3911 MISC MANUFACTURED PRODUCTS-----	9	-----	-----
	4111 WATER-----	400	-----	-----
	9999 DEPARTMENT OF DEFENSE AND SCI-----	3,070	-----	-----
	TOTAL-----	14,179	55,685	442,260

PHILADELPHIA, PA, DISTRICT

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DELAWARE RIVER, TRENTON, N. J. TO THE SEA
(CONSOLIDATED REPORT)

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC			YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC		
			RAILROAD FREIGHT CARS		AUTOMOBILES ACCOMPANYING PASSENGERS				RAILROAD FREIGHT CARS		AUTOMOBILES ACCOMPANYING PASSENGERS
			EMPTY	LOADED					EMPTY	LOADFD	
1973	139,297,118	4,013,115	5,532	5,685	1,750,940	1978	132,438,907	1,262,049	1,616	1,693	214,988
1974	143,673,501	1,613,120	5,053	4,928	224,705	1979	140,463,460	1,445,570	783	938	203,936
1975	131,819,164	1,578,524	4,043	3,987	163,003	1980	119,309,114	1,426,211	393	418	236,261
1976	133,696,091	1,140,723	2,672	3,483	171,538	1981	111,896,194	1,458,789	398	625	254,142
1977	133,276,227	1,175,525	1,529	2,513	181,508	1982	98,283,826	1,425,185	40	118	411,158

FREIGHT TRAFFIC, 1982

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH	
				UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
TOTAL	79,252,163	49,547,598	4,117,327	1,509,874	2,827,267	7,640,509	8,620,733	1,990,471	2,977,884
0101 COTTON, RAW	235		235						
0102 BARLEY AND RYE	121		121						
0103 CORN	2,386,488		567,786		1,818,902				
0104 OATS	15							15	
0105 RICE	44		44						
0106 SORGHUM GRAINS	173		173						
0107 WHEAT	22,477		22,477						
0111 SOYBEANS	509,003		29,162		479,821				
0119 OILSEEDS, NEC	69	34	35						
0121 TOBACCO, LEAF	16,784	16,543	130		111				
0122 HAY AND FEEDER	21							21	
0129 FIELD CROPS, NEC	21,849	21,789	35		4				
0131 FRESH FRUITS	11,981	11,787	90		124				
0132 BANANAS AND PLANTAINS, NEC	129,107	2,903			123,144				
0133 COFFEE	1,040	1,021							19
0134 COCOA BEANS	73,805	64,924	342		8,383		156		
0141 FRESH AND FROZEN VEGETABLES	6,922	4,614	15		293				
0151 LIVE ANIMALS	2		2						
0161 ANIMALS AND PRODUCTS, NEC	5,037	1,024	3,163		15	35			
0191 MISCELLANEOUS FARM PRODUCTS	2,381	3				153	2,225		
0841 CRUDE RUBBER AND ALLIED GUMS	1,210	1,164	46						
0861 FOREST PRODUCTS, NEC	2,535	1,903	551						
0911 FRESH FISH, EXCEPT SHELLFISH	7,854	7,334	520						
0912 SHELLFISH, EXCEPT PREPARED	1,587	1,281	46		205				55
1011 IRON ORE AND CONCENTRATES	3,834,055	3,832,910	1,032		113				
1051 ALUMINUM ORES, CONCENTRATES	25,855	25,701	154						
1061 MANGANESE ORES, CONCENTRATES	205								205
1091 NONFERROUS ORES, CONCENT, NEC	81,972	14,512	43,330		24,130				
1121 COAL AND LIGNITE	2,077,359		2,076,930		68		361		
1311 CRUDE PETROLEUM	42,982,343	40,187,304		243,611		2,252,695	57,658	261,675	
1811 LIMESTONE	702,428	644,237	42,617		215,574				
1812 BUILDING STONE, UNWORKED	22						22		
1842 SAND, GRAVEL, CRUSHED ROCK	6,466	37	1,799				4,588	122	
1851 CLAY	60,348	48,204	722		11,400			22	
1871 PHOSPHATE ROCK	1		1						
1891 SALT	145,912	40,344	186		105,382				
1892 SULPHUR, DRY	273		273						
1899 NONMETALLIC MINERALS, NEC	18,560	16,976	1,371		20	193			
1911 ORDNANCE AND ACCESSORIES	19	19							
2011 MEAT, FRESH, MILLED, FROZEN	309,509	300,086	8,971				452		
2012 MEAT AND PRODUCTS, NEC	9,152	8,621	191				322		18
2014 TALLOW, ANIMAL FATS AND OILS	22,213		21,320				893		
2015 ANIMAL BY-PRODUCTS, NEC	926	255	637						34
2021 DAIRY PRODUCTS, NEC	14,383	13,380	31				972		
2022 DRIED MILK AND CREAM	45,369	327	44,911						
2031 FISH AND SHELLFISH, PREPARED	4,525	4,483	80						7
2036 VEGETABLES AND PREP, NEC	7,913	3,920	794		123		277		2,777
2039 PREP FRUIT AND VEG JUICE, NEC	195,041	163,303	242		29,560		96		1,795
2041 WHEAT FLOUR AND SEMOLINA	208		208						
2042 ANIMAL FEEDS	34,633	332	34,301						
2049 GRAIN MILL PRODUCTS, NEC	2,224	686	1,503				13		22
2061 SUGAR	148,441	122,404	37				24,700	1,300	
2062 MOLASSES	4,101								4,101
2081 ALCOHOLIC BEVERAGES	72,305	47,074	2,202		64		11,159		11,806
2091 VEGETABLE OILS, MARG, SHORT	7,628	2,765	125						4,738
2092 ANIMAL OILS AND FATS, NEC	4,415	829	79		18				3,489
2099 MISCELLANEOUS FOOD PRODUCTS	160,969	101,879	1,292		191		17,497	39,522	586
2111 TOBACCO MANUFACTURES	4,157	457	3,641				59		
2211 BASIC TEXTILE PRODUCTS	14,793	5,542	8,490		492		4	116	147
2212 TEXTILE FIBERS, NEC	1,578	1,467			91				
2311 APPAREL	5,325	4,306	199		7			22	791
2411 LUGGAGE	4,715	359	1,126				3,234		16
2413 FUEL WOOD, CHARCOAL, WASTES	101	101							
2414 TIMBER, POSTS, POLES, PILING	489	8	481						
2416 WOOD CHIPS, STAVES, HOLDINGS	22	22							
2421 LUMBER	160,013	86,114	3,255		68,777		804	61	
2431 VENEER, PLYWOOD, WORKED WOOD	103,941	92,570	719		10,452				
2491 WOOD MANUFACTURES, NEC	3,642	2,497	1,053				21	48	23
2511 FURNITURE AND FIXTURES	3,768	2,661	417		24		6	123	98
2611 PULP	12,151	12,094	147						
2631 PAPER AND PAPERBOARD	99,021	93,439	5,038		540		4		

PHILADELPHIA, PA, DISTRICT

DELAWARE RIVER, TRENTON, N. J. TO THE SEA
(CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND			UPBOUND	DOWNBOUND
2631 PAPER AND PAPERBOARD-----	2,633	1,557						1,076	
2810 SODIUM HYDROXIDE-----	1,157					1,157			
2811 CRUDE TAR, OIL, GAS PRODUCTS--	2,068		2,068						
2817 BENZENE AND TOLUENE-----	77,355	5,520	2,068	3,399	18,976	27,544	15,885		8,963
2816 SULPHURIC ACID-----	223,700	5,475		69,370	125,592	3,400		14,463	
2819 BASIC CHEMICALS AND PROD, NEC--	144,152	47,006		6,554	71,902	17,223	1,467		
2822 SYNTHETIC RUBBER-----	5,682	5,682							
2851 PAINTS-----	1								
2871 NITROGENOUS CHEM FERTILIZERS--	25,427	6,500	19,127				1		
2911 GASOLINE-----	1,286,884	11,079		487,138	189,675	334,771	27,407	49,537	186,277
2912 JET FUEL-----	418,375	2,487	5,662	4,977	228,002	136,755			32,492
2913 KEROSENE-----	71,888	7,007	15,446	2,745	9,120	18,437		4,204	14,509
2914 DISTILLATE FUEL OIL-----	2,642,293	162,567	105,321	542,012	559,415	452,358	440,328	79,014	151,078
2915 RESIDUAL FUEL OIL-----	5,919,453	575,630	689,417	685,653	1,142,016	1,317,525	1,149,606	157,115	202,811
2916 LUBRICATING OILS AND GREASES--	51,518	11	18	8,260	19,130	10,571	13,528		
2917 NAPHTHA, PETROLEUM SOLVENTS--	99,750	10,778				29,098	59,874		
2918 ASPHALT, TAR, AND BITUMENS--	276,205	29,635			27,441	96,152		22,990	89,987
2920 COKE, PETROLEUM COKE-----	19,102				17,588			1,514	
2991 PETROLEUM AND COAL PROD, NEC--	34,122	11,416			750	20,232	1,724		
3211 GLASS AND GLASS PRODUCTS-----	1						1		
3315 IRON, STEEL SHAPES, EXC SHEETS--	66,848				45,222			21,626	
3316 IRON AND STEEL PLATES, SHEETS--	240		240						
3317 IRON AND STEEL PIPE AND TUBE--	719				760	1	18		
3411 FABRICATED METAL PRODUCTS-----	728	350			270			35	72
3511 MACHINERY, EXCEPT ELECTRICAL--	2,069	611	500		330		569		59
3611 ELECTRICAL MACH AND EQUIP-----	1,251				850				
4024 PAPER WASTE AND SCRAP-----	1,505								1,505
4111 WASTE-----	28,784	875	132		635	4,014	25,044		
4112 COMMODITIES, NEC-----	157,479	58,403			98,474	222	576		

TON-MILES, INTERNAL, 697,766,831.
TONS, ALL TRAFFIC, 98,283,826.
TON-MILES, ALL TRAFFIC, 7,203,339,866.

DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.

SECTION INCLUDED: ALLEGHENY AVE., PHILADELPHIA, PA., TO TRENTON, N. J. 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. IN DECEMBER 1982, 40.0 FEET, 23.5 MILES TO THE UPPER END OF NEWBOLD ISLAND IN MAY 1982, 16.8 FEET, 6.5 MILES IN JUNE 1982, 13.6 FEET TO TRENTON MARINE TERMINAL, 5.2 MILES) AND IN JUNE 1982, 11.1 FEET TO THE PENNSYLVANIA RAILROAD BRIDGE AT TRENTON 1.3 MILES. AUXILIARY CHANNEL BURLINGTON ISLAND IN OCTOBER 1982, 8.0 FEET. PROJECT DEPTHS: 80 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	21,478,533	11	1978-----	12,158,803	4
1974-----	22,260,913	15	1979-----	12,388,191	
1975-----	18,220,823	5	1980-----	10,368,210	
1976-----	15,626,657	1	1981-----	11,438,016	14
1977-----	13,564,671	1	1982-----	7,911,578	

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND	UPBOUND
TOTAL-----	7,911,578	2,718,134	210,362	1,250,605	128,542	2,394,077	1,114,944	94,914
0101 COTTON, RAW-----	84		84					
0103 CORN-----	119		119					
0105 RICE-----	44		44					
0106 SOYBEAN GRAINS-----	9		9					
0121 TOBACCO, LEAF-----	4,869	4,861	28					
0129 FIELD CROPS, NEC-----	1,423	1,400	23					
0131 FRESH FRUITS-----	8,411	8,411						
0132 BANANAS AND PLANTAINS-----	2,768	2,768						
0133 COFFEE-----	198	198						
0134 COCOA BEANS-----	44,779	44,324	299	154				
0141 FRESH AND FROZEN VEGETABLES--	4,634	4,622	12					
0151 LIVE ANIMALS-----	2		2					
0161 ANIMALS AND PRODUCTS, NEC-----	2,772	1,108	1,664					
0191 MISCELLANEOUS FARM PRODUCTS--	1,492	2		34	1,954			
0841 CRUDE RUBBER AND ALLIED GUMS--	461	436	25					
0841 FOREST PRODUCTS, NEC-----	1,464	1,299	165					
0911 FRESH FISH, EXCEPT SMELLPISH--	1,927	1,889	38					
0912 SMELLPISH, EXCEPT PREPARED--	314	314						
1011 IRON ORE AND CONCENTRATES-----	1,528,232	1,525,683	549					
1091 ALUMINUM ORES, CONCENTRATES--	572	436	136					
1091 NONFERROUS ORES, CONCENT, NEC--	4,002	5,974	28					
1121 COAL AND LIGNITE-----	1,131,432		1,412			1,130,020		
1311 CRUDE PETROLEUM-----	243,434	243,434						
1411 LIMESTONE-----	250,238	250,117	121					

DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		INTERNAL		
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND	UPBOUND
1442 SAND, GRAVEL, CRUSHED ROCK	1,500	36	1,342		122			
1451 CLAY	1,815	1,385	430					
1471 PHOSPHATE ROCK	1							
1491 SALT	95	95						
1492 SULPHUR, DRY	101	101						
1499 NONMETALLIC MINERALS, NEC	227	227						
1911 ORDNANCE AND ACCESSORIES	6	6						
2011 MEAT, FRESH, CHILLED, FROZEN	34,673	27,877	6,344	452				
2012 MEAT AND PRODUCTS, NEC	4,495	4,110	63	322				
2014 TALLOW, ANIMAL FATS AND OILS	16,945		16,945					
2015 ANIMAL BY-PRODUCTS, NEC	467	231	236					
2021 DAIRY PRODUCTS, NEC	1,315	343		972				
2022 DRIED MILK AND CREAM	1,241		1,241					
2031 FISH AND SHELLFISH, PREPARED	2,214	2,214						
2034 VEGETABLES AND PREP, NEC	2,828	2,338	213	277				
2039 PREP FRUIT AND VEG JUICE, NEC	73,896	73,700	100	96				
2042 ANIMAL FEEDS	940	13	947					
2049 GRAIN MILL PRODUCTS, NEC	1,391	130	1,239	22				
2061 SUGAR	10		10					
2081 ALCOHOLIC BEVERAGES	46,865	35,427	279	11,159				
2091 VEGETABLE OILS, MARG, SHORT	1,366	1,259	107					
2092 ANIMAL OILS AND FATS, NEC	159	159						
2099 MISCELLANEOUS FOOD PRODUCTS	108,823	69,612	686	12,102	26,343			
2111 TOBACCO MANUFACTURES	814	204	581	29				
2211 BASIC TEXTILE PRODUCTS	5,182	2,905	2,071	116				
2212 TEXTILE FIBERS, NEC	1,135	1,135						
2311 APPAREL	4,553	3,635	127	22	768			
2411 LOGS	689	95	598	16				
2421 LUMBER	7,313	6,324	927	61				
2431 VENEER, PLYWOOD, WORKED WOOD	1,819	1,102	717					
2491 WOOD MANUFACTURES, NEC	1,174	754	374	48				
2511 FURNITURE AND FIXTURES	2,550	1,740	248	439	123			
2611 PULP	11,071	11,023	48					
2631 PAPER AND PAPERBOARD	7,172	5,482	1,686	4				
2691 PULP AND PAPER PRODUCTS, NEC	9,729	695	459	301	8,074			
2711 PRINTED MATTER	1,984	992	608	261	123			
2811 CRUDE TAR, OIL, GAS PRODUCTS	16		16					
2812 DYES, PIGMENT, TANNING MATS	104		104					
2813 ALCOHOLS	68		68					
2818 SULPHURIC ACID	2,300				2,300			
2819 BASIC CHEMICALS AND PROD, NEC	223,381	17,502	23,927	21,233	31,831	46,006	72,262	10,620
2821 PLASTIC MATERIALS	18,184	2,068	16,116					
2822 SYNTHETIC RUBBER	2,622		2,622					
2823 SYNTHETIC (MAN-MADE) FIBERS	485	271	214					
2831 DRUGS	873	75	798					
2841 SOAP	3,462	332	3,130					
2851 PAINTS	3,247	2,840	407					
2861 GUM AND WOOD CHEMICALS	7		7					
2871 NITROGENOUS CHEM FERTILIZERS	2,945	695			2,270			
2873 PHOSPHATIC CHEM FERTILIZERS	22		22					
2876 INSECTICIDES, DISINFECTANTS	478	272	206					
2879 FERTILIZER AND MATERIALS, NEC	257	20	237					
2891 MISCELLANEOUS CHEMICAL PROD	10,026	3,629	6,397					
2911 GASOLINE	204,636	9,947	1,203	121,804	3,027	135,331	13,324	
2912 JET FUEL	137,201					137,201		
2913 KEROSENE	47,221		19	19,946		7,007	11,635	6,570
2914 DISTILLATE FUEL OIL	773,490			249,295	20,463	348,275	153,616	1,481
2915 RESIDUAL FUEL OIL	2,207,022	101,481		701,335	1,167	555,352	773,448	74,239
2916 LUBRICATING OILS AND GREASES	55,457	39,332	3,719	7,506	966	2,772	1,162	
2917 NAPHTHA, PETROLEUM SOLVENTS	63,822			63,822				
2920 COKE, PETROLEUM COKE	36,589		20,322				16,267	
2921 LIQUEFIED GASES	77		77					
2951 ASPHALT BUILDING MATERIALS	58		39	19				
2991 PETROLEUM AND COAL PROD, NEC	2,316	1,118	1,003		195			
3011 RUBBER AND MISC PLASTIC PROD	8,200	2,274	2,880	181	2,863			
3111 LEATHER AND LEATHER PRODUCTS	1,474	1,363	68	20	23			
3211 GLASS AND GLASS PRODUCTS	4,952	515	4,059		378			
3241 BUILDING CEMENT	1,011		1,011					
3251 STRUCTURAL CLAY PRODUCTS	3,643	2,616	1,027					
3271 LIME	2		2					
3281 CUT STONE AND STONE PRODUCTS	2,233	954	1	183	1,095			
3291 MISC NONMETALLIC MINERAL PROD	9,516	2,082	1,908	5	5,521			
3314 IRON AND STEEL PRIMARY FORMS	93	93						
3315 IRON, STEEL SHAPES, EXC SHEET	103,297	56,997	822	256			45,222	
3316 IRON AND STEEL PLATES, SHEETS	13,981	874	13,107					
3317 IRON AND STEEL PIPE AND TUBE	20,792	20,338	342	112				
3318 FERROALLOYS	1,586	1,438	148					
3319 IRON AND STEEL PRODUCTS, NEC	14,302	701	3,270	910	9,421			
3321 NONFERROUS METALS, NEC	445		136					
3322 COPPER ALLOYS, UNWORKED	3,651	3,472		13				
3323 LEAD AND ZINC, UNWORKED	27,536	26,231	1,305					
3324 ALUMINUM AND ALLOYS, UNWORKED	1,799	1,345	454					
3411 FABRICATED METAL PRODUCTS	19,544	12,693	5,495	88	1,198		70	
3511 MACHINERY, EXCEPT ELECTRICAL	20,914	20,260	7,553	1,076	615	70	140	
3611 ELECTRICAL MACH AND EQUIP	14,159	6,995	5,767	147	1,250			
3711 MOTOR VEHICLES, PARTS, EQUIP	31,109	11,905	16,260	2,944				
3721 AIRCRAFT AND PARTS	7	3						
3731 SHIPS AND BOATS	63	32	31					
3791 MISC TRANSPORTATION EQUIPMENT	704	81	623					
3811 INSTR, TIME, PHOTO, OPT GOODS	2,093	815	1,274					
3911 MISC MANUFACTURED PRODUCTS	9,699	6,932	501	442	24			
4011 IRON AND STEEL SCRAP	1,277		1,277					
4012 NONFERROUS METAL SCRAP	5,444	1,524	3,916					
4022 TEXTILE WASTE, SCRAP, SWEEP	6,494	220	4,274					

PHILADELPHIA, PA, DISTRICT

DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		INTERNAL		
		IMPORTS	EXPORTS	COASTWISE		INBOUND	OUTBOUND	UPBOUND
				RECEIPTS	SHIPMENTS			
4024 PAPER WASTE AND SCRAP-----	1,250	4	1,246					
4029 WASTE AND SCRAP, NEC-----	3,488			1,499	1,989			
4111 WATER-----	395					220	175	
4112 COMMODITIES, NEC-----	95,234	813	337	30,860	4,388	27,253	27,623	
9999 DEPARTMENT OF DEFENSE AND SCI-----	4,437		4,437					
TOTAL TON-MILES, 126,800,238.								

DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA

SECTION INCLUDED: DEEPWATER IN DELAWARE BAY TO ALLEGHENY AVE., PHILADELPHIA, PA., 96.5 MILES. CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL; IN DECEMBER 1982, 33.5 FEET TO THE PHILADELPHIA NAVAL BASE, 86 MILES; THENCE IN OCTOBER 1982, 39.6 FEET IN MIDDLE HALF OF THE WEST SIDE OF THE CHANNEL AND IN OCTOBER 1982, 29.9 FEET IN MIDDLE HALF OF THE EAST SIDE OF THE CHANNEL THROUGH PHILADELPHIA HARBOR, 8.5 MILES. PROJECT DEPTH: 40 FEET DEEP FROM THE SEA TO PHILADELPHIA NAVAL BASE, THENCE 40 FEET DEEP ON THE WEST SIDE AND 37 FEET DEEP ON THE EAST SIDE OF THE CHANNEL TO ALLEGHENY AVE. ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	THROUGH TRAFFIC (TONS)	ADDITIONAL TRAFFIC		AUTOMOBILES ACCOMPANYING PASSENGERS
				RAILROAD FREIGHT CARS		
				EMPTY	LOADED	
1973-----	109,430,360	6,013,115	28,613,657	5,532	5,685	1,758,980
1974-----	112,825,301	1,613,120	29,588,798	5,053	4,298	224,705
1975-----	106,899,657	1,578,524	23,945,330	4,063	3,987	163,003
1976-----	110,519,261	1,140,723	22,604,058	2,872	3,583	171,538
1977-----	111,434,533	1,175,918	20,593,313	1,529	2,513	181,508
1978-----	110,768,375	1,282,049	21,118,441	1,616	1,693	214,988
1979-----	119,035,156	1,443,570	21,069,044	783	938	203,936
1980-----	98,205,452	1,426,211	20,792,043	393	418	236,261
1981-----	92,019,588	1,458,789	19,586,943	398	625	254,182
1982-----	81,618,754	1,425,185	16,561,708	40	118	411,158

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS		RECEIPTS	SHIPMENTS
TOTAL-----	81,618,754	46,829,464	3,906,465	4,388,904	8,492,191	2,315,264	4,998,922	8,690,088
0101 COTTON, RAW-----	151		151					
0102 BARLEY AND RYE-----	121		121					
0103 CORN-----	567,667		567,667					
0106 SOYBEAN GRAINS-----	164		164					
0107 WHEAT-----	22,477		22,477					
0111 SOYBEANS-----	29,182		29,182					
0119 OILSEEDS, NEC-----	69	34	35					
0121 TOBACCO, LEAF-----	11,804	11,792	102					
0129 FIELD CROPS, NEC-----	20,401	20,389	12					
0131 FRESH FRUITS-----	3,446	3,354	92					
0132 BANANAS AND PLANTAINS-----	3	3						
0133 COFFEE-----	823	823						
0134 COCOA BEANS-----	20,643	20,600	43					
0141 FRESH AND FROZEN VEGETABLES-----	1,995	1,992	3					
0161 ANIMALS AND PRODUCTS, NEC-----	2,215	716	1,499					
0193 MISCELLANEOUS FARM PRODUCTS-----	389	1		117	271			
0801 CRUDE RUBBER AND ALLIED GUMS-----	749	728	21					
0801 FOREST PRODUCTS, NEC-----	1,070	684	386					
0911 FRESH FISH, EXCEPT SHELLFISH-----	5,951	5,445	482					
0912 SHELLFISH, EXCEPT PREPARED-----	11,452	967	46			1,777	7,574	1,086
1011 IRON ORE AND CONCENTRATES-----	2,307,710	2,307,227	483					
1051 ALUMINUM ORES, CONCENTRATES-----	25,283	25,265	18					
1091 NONFERROUS ORES, CONCENT, NEC-----	51,840	8,538	43,302					
1121 COAL AND LIGNITE-----	2,075,318		2,075,318					
1311 CRUDE PETROLEUM-----	48,349,053	59,943,870		2,232,695	57,658		120,970	3,993,869
1411 LIMESTONE-----	236,616	194,120	42,496					
1482 SAND, GRAVEL, CRUSHED ROCK-----	64,688	1	457			68,226		
1451 CLAY-----	47,111	46,819	292					
1491 SALT-----	40,435	40,344	91					
1492 SULPHUR, DRY-----	172		172					
1499 NONMETALLIC MINERALS, NEC-----	18,120	16,976	1,144					
1911 ORDNANCE AND ACCESSORIES-----	13	13						
2011 MEAT, FRESH, CHILLED, FROZEN-----	274,836	272,209	2,627					
2012 MEAT AND PRODUCTS, NEC-----	4,639	4,511	128					
2014 TALLOW, ANIMAL FATS AND OILS-----	4,375		4,375					
2015 ANIMAL BY-PRODUCTS, NEC-----	425	24	401					
2021 DAIRY PRODUCTS, NEC-----	13,068	13,037	31					
2022 DRIED MILK AND CREAM-----	44,017	327	43,690					
2031 FISH AND SHELLFISH, PREPARED-----	2,309	2,229	80					
2034 VEGETABLES AND PREP, NEC-----	2,183	1,582	581					
2039 PREP FRUIT AND VEG JUICE, NEC-----	89,745	89,603	142					
2041 WHEAT FLOUR AND SEMOLINA-----	298		298					
2042 ANIMAL FEEDS-----	33,673	319	33,354					
2049 GRAIN MILL PRODUCTS, NEC-----	420	556	264					

Waterborne Commerce of the United States, 1932

DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA--CONTINUED

FREIGHT TRAFFIC, 1932--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2061 SUGAR	144,431	122,404	27	24,700	1,300			
2061 ALCOHOLIC BEVERAGES	13,570	11,667	1,923					
2091 VEGETABLE OILS, MARG, SHORT	1,524	1,506	18					
2092 ANIMAL OILS AND FATS, NEC	749	670	79					
2099 MISCELLANEOUS FOOD PRODUCTS	69,022	32,267	606	5,314	13,179	17,655		
2111 TOBACCO MANUFACTURES	3,343	253	3,060	30				
2211 BASIC TEXTILE PRODUCTS	12,546	2,547	6,419			3,580		
2212 TEXTILE FIBERS, NEC	332	332						
2311 APPAREL	765	671	72		22			
2411 LOGS	792	264	528					
2413 FUFL WOOD, CHARCOAL, WASTES	101	101						
2414 TIMBER, POSTS, POLES, PILING	489	8	481					
2416 WOOD CHIPS, STAVES, MOLDINGS	22	22						
2421 LUMBER	62,117	79,788	2,329					
2431 VENEER, PLYWOOD, WORKED WOOD	91,470	91,468	2					
2491 WOOD MANUFACTURES, NEC	2,448	1,743	679	21		5		
2511 FURNITURE AND FIXTURES	1,090	921	169					
2611 PULP	96,074	981	94			94,994		
2631 PAPER AND PAPERBOARD	92,866	87,957	3,352			1,557		
2691 PULP AND PAPER PRODUCTS, NEC	5,739	282	547	1,296	3,614			
2711 PRINTED MATTER	1,964	266	1,127	137	14			
2810 SODIUM HYDROXIDE	151,638			140,476	10,005		1,157	
2811 CRUDE TAR, OIL, GAS PRODUCTS	4,994		67	4,659	2,200	2,068		
2812 DYES, PIGMENT, TANNING MATS	296		296					
2813 ALCOHOLS	61,431		160	59,312	1,959			
2817 BENZENE AND TOLUENE	109,524			23,092	14,040	7,548	22,374	
2818 SULPHURIC ACID	227,993			15,456	4,300	5,475	197,262	
2819 BASIC CHEMICALS AND PROD, NEC	501,377	43,146	132,426	295,243	13,638	2,460	7,654	
2821 PLASTIC MATERIALS	15,288	788	14,510					
2822 SYNTHETIC RUBBER	9,284		4,202			5,682		
2823 SYNTHETIC (MAN-MADE) FIBERS	4,904	4,285	619					
2831 DRUGS	912	603	309					
2841 SOAP	3,158	406	2,752					
2851 PAINTS	4,846	4,095	750					
2861 GUM AND WOOD CHEMICALS	122	82	40					
2871 NITROGENOUS CHEM FERTILIZERS	26,027	62	978	1,630		23,357		
2873 PHOSPHATIC CHEM FERTILIZERS	48		48					
2874 INSECTICIDES, DISINFECTANTS	533		533					
2879 FERTILIZER AND MATERIALS, NEC	32	3	29					
2891 MISCELLANEOUS CHEMICAL PROD	42,287	15,596	14,541	12,150				
2911 GASOLINE	5,155,982	71,179	40,533	95,694	3,910,181	11,728	799,469	
2912 JET FUEL	578,492			33,665	169,431	5,662	367,693	
2913 KEPOSENE	63,139				24,812	19,740	4,524	
2914 DISTILLATE FUEL OIL	5,036,669	463,258	89,442	606,661	1,609,875	230,217	1,256,615	
2915 RESIDUAL FUEL OIL	11,051,267	1,533,580	38,649	2,049,755	2,251,596	1,730,494	2,075,020	
2916 LUBRICATING OILS AND GREASES	1,600,157	504,190	104,272	664,001	272,180	1,187	30,158	
2917 NAPHTHA, PETROLEUM SOLVENTS	228,186			90,521	37,915	10,778	88,972	
2918 ASPHALT, TAR, AND BITUMENS	282,403	63,649	13	5,222	60,291	29,635	27,441	
2920 COKE, PETROLEUM COKE	8,449	1	7,127				1,321	
2921 LIQUEFIED GASES	296		296					
2951 ASPHALT BUILDING MATERIALS	78		78					
2991 PETROLEUM AND COAL PROD, NEC	81,149	11,256	1,219	24,146	10,406	11,416	750	
3011 RUBBER AND MISC PLASTIC PROD	9,438	2,448	5,226	390	1,374			
3111 LEATHER AND LEATHER PRODUCTS	1,020	880	112	11	17			
3211 GLASS AND GLASS PRODUCTS	10,509	1,980	8,618					
3241 BUILDING CEMENT	214		214					
3251 STRUCTURAL CLAY PRODUCTS	3,922	2,467	1,455					
3261 CUT STONE AND STONE PRODUCTS	1,217	19	3	299	496			
3291 MISC NONMETALLIC MINERAL PROD	16,118	601	13,894		1,423			
3314 IRON AND STEEL PRIMARY FORMS	1,203	412	791					
3315 IRON, STEEL SHAPES, EXC SHEET	362,165	361,553	612					
3316 IRON AND STEEL PLATES, SHEETS	13,742	5,317	8,185			240		
3317 IRON AND STEEL PIPE AND TUBE	81,100	79,851	530				700	
3318 FERROALLOYS	51,194	50,700	494					
3319 IRON AND STEEL PRODUCTS, NEC	11,956	5,944	1,718	639	3,655			
3321 NONFERROUS METALS, NEC	12,935	9,439	3,496					
3322 COPPER ALLOYS, UNWORKED	4,431	3,817	614					
3323 LEAD AND ZINC, UNWORKED	9,417	9,388	29					
3324 ALUMINUM AND ALLOYS, UNWORKED	4,083	3,853	230					
3411 FABRICATED METAL PRODUCTS	26,248	20,563	5,204	1,608	326	350	200	
3511 MACHINERY, EXCEPT ELECTRICAL	49,879	26,201	21,196	380	302	1,041	190	
3611 ELECTRICAL MACH AND EQUIP	13,473	6,341	5,662	116	103		1,250	
3711 MOTOR VEHICLES, PARTS, EQUIP	121,970	13,511	104,859					
3721 AIRCRAFT AND PARTS	62	59	3					
3731 SHIPS AND BOATS	1,139	1,049	90					
3791 MISC TRANSPORTATION EQUIPMENT	4,086	3,547	541					
3811 INSTR, TIME, PHOTO, OPT GOODS	1,671	1,015	656					
3911 MISC MANUFACTURED PRODUCTS	2,321	1,193	964	112	20			
4011 IRON AND STEEL SCRAP	347,899	6	347,893					
4012 NONFERROUS METAL SCRAP	31,271	27,606	3,665					
4022 TEXTILE WASTE, SCRAP, SHFEP	1,816	292	1,524					
4024 PAPER WASTE AND SCRAP	10,465		10,465					
4029 WASTE AND SCRAP, NEC	573			284	289			
4111 WATER	28,744					1,182	855	
4112 COMMODITIES, NEC	107,879	1,505	777	75	2,699	31,170	70,875	
9999 DEPARTMENT OF DEFENSE AND SCT	1,472		1,472					
TOTAL TON-MILES, 7,076,539,448.								

PHILADELPHIA, PA, DISTRICT

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DELAWARE RIVER AT CAMDEN, N. J.
(INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA)

SECTION INCLUDED: NEWTON CREEK, N. J., TO COOPER POINT, N. J., 4 MILES, CONTROLLING DEPTH: SEPTEMBER 1962, 22.9 FEET FROM NEWTON CREEK TO BENEKY ST. AND THENCE IN AUGUST 1962, 11.4 FEET TO COOPER POINT. PROJECT DEPTHS: 18 FEET, 30 FEET AND 37 FEET AT MEAN LOW WATER (37 FEET DEFERRED FOR RESTUDY).

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	2,697,597	384	1978	2,622,375	147
1974	3,066,152	3,130	1979	2,867,040	
1975	2,590,531	172	1980	3,092,045	
1976	2,350,374	896	1981	3,392,803	
1977	2,538,451	309	1982	2,644,854	

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE	INTERNAL	
				RECEIPTS	SHIPMENTS	
TOTAL	2,644,854	1,037,411	697,563	83,349	1,300	9,533
0103 CORN	10		10			
0119 GILSEEDS, NEC	2		2			
0121 TOBACCO, LEAF	2,021	2,021				
0129 FIELD CROPS, NEC	17,917	17,917				
0132 BANANAS AND PLANTAINS	3		3			
0133 COFFEE	212		212			
0134 COCOA BEANS	5,638		5,638			
0141 FRESH AND FROZEN VEGETABLES	1,485		1,485			
0161 ANIMALS AND PRODUCTS, NEC	7		7			
0861 FOREST PRODUCTS, NEC	9		3		6	
0911 FRESH FISH, EXCEPT SHELLFISH	299		299			
0912 SHELLFISH, EXCEPT PREPARED	42		42			
1011 IRON ORE AND CONCENTRATES	79,182	79,182				
1091 NONFERROUS ORES, CONCENT, NEC	36,423	4,850	31,573			
1121 COAL AND LIGNITE	185,717		185,717			
1311 CRUDE PETROLEUM	263,444		263,444			
1411 LIMESTONE	144,008		144,008			
1442 SAND, GRAVEL, CRUSHED ROCK			5			
1451 CLAY	26,325		26,274	51		
1499 NONMETALLIC MINERALS, NEC	5,517	5,516	1			
1911 ORDNANCE AND ACCESSORIES	5		5			
2011 MEAT, FRESH, CHILLED, FROZEN	15		15			
2012 MEAT AND PRODUCTS, NEC	2		2			
2014 TALLOW, ANIMAL FATS AND OILS	44		44			
2022 DRIED MILK AND CREAM	2		2			
2031 FISH AND SHELLFISH, PREPARED	633		633			
2034 VEGETABLES AND PREP, NEC	117		113	4		
2039 PREP FRUIT AND VEG JUICE, NEC	73,660		73,663	17		
2042 ANIMAL FEEDS	33,152		33,152			
2049 GRAIN MILL PRODUCTS, NEC	174		152	22		
2061 SUGAR	1,300				1,300	
2081 ALCOHOLIC BEVERAGES	103	163	20			
2092 ANIMAL OILS AND FATS, NEC	79		79			
2099 MISCELLANEOUS FOOD PRODUCTS	3,224	3,194	30			
2211 BASIC TEXTILE PRODUCTS	295		250	45		
2311 APPAREL	10		6			
2411 LOGS	53		20	33		
2413 FUEL WOOD, CHARCOAL, WASTES	68		68			
2416 WOOD CHIPS, STAVES, MOLDINGS	22		22			
2421 LUMBER	66,655		66,655			
2431 VENEER, PLYWOOD, WORKED WOOD	86,859		86,859			
2491 WOOD MANUFACTURES, NEC	285		257	28		
2511 FURNITURE AND FIXTURES	78		62	16		
2611 PULP	1,042		970	72		
2631 PAPER AND PAPERBOARD	631		184	447		
2691 PULP AND PAPER PRODUCTS, NEC	41		41			
2711 PRINTED MATTER	23		23			
2812 DYES, PIGMENT, TANNING MATS	40		40			
2819 BASIC CHEMICALS AND PROD, NEC	11,349		11,343		6	
2821 PLASTIC MATERIALS	255		255			
2822 SYNTHETIC RUBBER	2,445		5		2,440	
2831 DRUGS	12		12			
2841 SOAP	59		59			
2851 PAINTS	79		16	63		
2861 GUM AND WOOD CHEMICALS	66		62	4		
2874 INSECTICIDES, DISINFECTANTS	1		1			
2879 FERTILIZER AND MATERIALS, NEC	29		29			
2891 MISCELLANEOUS CHEMICAL PROD	600	135	465			
2911 GASOLINE	8,467		22		8,445	
2913 KEROSENE	3,772				3,772	
2914 DISTILLATE FUEL OIL	118,526				104,628	13,898
2915 RESIDUAL FUEL OIL	756,469			83,349	333,246	330,467
2916 LUBRICATING OILS AND GREASES	7,824		1,694		6,074	62
2918 ASPHALT, TAR, AND BITUMENS	5,516				5,516	
2920 COKE, PETROLEUM COKE	5,808		5,808			
2951 ASPHALT BUILDING MATERIALS	2		2			
2991 PETROLEUM AND COAL PROD, NEC	74		74			
3011 RUBBER AND MISC PLASTIC PROD	85		2		83	
3111 LEATHER AND LEATHER PRODUCTS	37		37			
3211 GLASS AND GLASS PRODUCTS	472		201		271	
3241 BUILDING CEMENT	6		6			
3251 STRUCTURAL CLAY PRODUCTS	224		157		67	
3291 MISC NONMETALLIC MINERAL PROD	27		27			
3314 IRON AND STEEL PRIMARY FORMS	173		173			

Waterborne Commerce of the United States, 1982

DELAWARE RIVER AT CAMDEN, N. J.
(INCLUDED IN DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3315 IRON, STEEL SHAPES, EXC SHEET	138,346	138,301	45					
3316 IRON AND STEEL PLATES, SHEETS	9,457	4,180	5,277					
3317 IRON AND STEEL PIPE AND TUBE	49,864	49,686	178					
3318 FERROALLOYS	45,998	45,998						
3319 IRON AND STEEL PRODUCTS, NEC	1,384	1,059	325					
3321 NONFERROUS METALS, NEC	2,362	31	2,331					
3322 COPPER ALLOYS, UNWORKED	1,010	971	39					
3323 LEAD AND ZINC, UNWORKED	3,099	3,087	12					
3324 ALUMINUM AND ALLOYS, UNWORKED	1,361	1,359	2					
3411 FABRICATED METAL PRODUCTS	3,277	2,724	553					200
3511 MACHINERY, EXCEPT ELECTRICAL	7,046	2,200	4,746					100
3611 ELECTRICAL MACH AND EQUIP	2,190	1,422	768					
3711 MOTOR VEHICLES, PARTS, EQUIP	89,332	171	89,161					
3721 AIRCRAFT AND PARTS	3		3					
3731 SHIPS AND BOATS	950	941	9					
3791 MISC TRANSPORTATION EQUIPMENT	611	295	316					
3811 INSTR, TIME, PHOTO, OPT GOODS	47		47					
3911 MISC MANUFACTURED PRODUCTS	114	5	109					
4011 IRON AND STEEL SCRAP	311,097		311,097					
4022 TEXTILE WASTE, SCRAP, SWEEP	16		16					
4024 PAPER WASTE AND SCRAP	10,673		10,673					
4111 WATER	6,874					5,756	935	103
4112 COMMODITIES, NEC	404	78	234			87	5	
9999 DEPARTMENT OF DEFENSE AND SCI	4		4					

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: AUGUST 1982, 29.1 FEET TO UPPER END OF BERTH #1, ARCO BALLAST WHARF, AUGUST 1982, 17.8 FEET TO PASSYUNK AVENUE BRIDGE, (MINIMUM DEPTH IN RIGHT OUTSIDE QUARTER 24.0 FEET), 4 MILES; THENCE IN MARCH 1982, 17.0 FEET TO GIBSON POINT, 1 MILE; AND THENCE IN MARCH 1982, 11.9 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

YEAR	TONS	YEAR	TONS
1973	18,201,700	1978	14,200,311
1974	18,986,597	1979	14,910,138
1975	13,159,974	1980	14,364,336
1976	13,781,512	1981	11,102,245
1977	12,673,041	1982	11,514,657

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	11,514,657	374,019	2,309,180	1,033,938	2,587,926	2,520,662	2,085,193	523,739
0103 CORN	1,818,902		1,818,902					
0111 SOYBEANS	479,821		479,821					
0129 FIELD CROPS, NEC	4		4					
0131 FRESH FRUITS	124	124						
0134 COCOA BEANS	945	945						
0141 FRESH AND FROZEN VEGETABLES	28	28						
0161 ANIMALS AND PRODUCTS, NEC	39	4	35					
0861 FOREST PRODUCTS, NEC	1		1					
1011 IRON ORE AND CONCENTRATES	113		113					
1091 NONFERROUS ORES, CONCENT, NEC	20	20						
1121 COAL AND LIGNITE	361		361					
1311 CRUDE PETROLEUM	375,502			261,675		113,827		
1442 SAND, GRAVEL, CRUSHED ROCK	19		19					
1499 NONMETALLIC MINERALS, NEC	193		193					
2014 TALLOW, ANIMAL FATS AND OILS	893		893					
2022 DRIED MILK AND CREAM	111		111					
2034 VEGETABLES AND PREP, NEC	108	86	22					
2039 PREP FRUIT AND VEG JUICE, NEC	800	735	65					
2049 GRAIN MILL PRODUCTS, NEC	13		13					
2081 ALCOHOLIC BEVERAGES	64	64						
2099 MISCELLANEOUS FOOD PRODUCTS	2		2					
2211 BASIC TEXTILE PRODUCTS	15	9	6					
2411 LOGS	1,675		1,675					
2511 FURNITURE AND FIXTURES	4		4					
2631 PAPER AND PAPERBOARD	273		273					
2691 PULP AND PAPER PRODUCTS, NEC	8		8					
2711 PRINTED MATTER	32	22	10					
2811 CRUDE TAR, OIL, GAS PRODUCTS	2,064						2,068	
2812 DYES, PIGMENT, TANNING MATS	1		1					
2817 BENZENE AND TOLUENE	51,798			17,850	17,674	3,399	12,871	
2818 SULPHURIC ACID	5,688						5,688	
2819 BASIC CHEMICALS AND PROD, NEC	142,087	2,509	3,303	9,745	81,765	8,986	43,897	11,882
2821 PLASTIC MATERIALS	1,211		1,211					
2822 SYNTHETIC RUBBER	75		75					

PHILADELPHIA, PA, DISTRICT

SCHUYLKILL RIVER, PA. (INCLUDED IN PHILADELPHIA HARBOR, PA.)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS		RECEIPTS	SHIPMENTS
2823 SYNTHETIC (MAN-MADE) FIBERS	8	8						
2831 DRUGS	6		6					
2841 SOAP	175		175					
2851 PAINTS	8		8					
2861 GUM AND WOOD CHEMICALS	2		2					
2876 INSECTICIDES, DISINFECTANTS	12		12					
2891 MISCELLANEOUS CHEMICAL PROD.	116		116					
2911 GASOLINE	2,246,710	107,757	23	182,841	1,204,095	589,718	199,717	
2912 JET FUEL	172,361			76,346	79,180	4,977	11,858	
2913 KEROSENE	104,615			551	44,784	10,086	37,052	
2914 DISTILLATE FUEL OIL	1,651,076	36,842		65,374	340,890	757,128	341,217	
2915 RESIDUAL FUEL OIL	3,758,844	145,105		348,488	528,770	1,066,149	1,283,164	
2916 LUBRICATING OILS AND GREASES	83,060	8,340		65,693	5,242	3,746	21	
2917 NAPHTHA, PETROLEUM SOLVENTS	5,325			5,325				
2918 ASPHALT, TAR, AND PITCHES	454,134				301,922		1,940	
2921 LIQUEFIED GASES	69,091	68,694	405				159,632	
2991 PETROLEUM AND COAL PROD, NEC	94	42	52					
3011 RUBBER AND MISC PLASTIC PROD.	156		156					
3211 GLASS AND GLASS PRODUCTS	555		555					
3241 BUILDING CEMENT	80		80					
3251 STRUCTURAL CLAY PRODUCTS	293		293					
3291 MISC NONMETALLIC MINERAL PROD.	124		124					
3315 IRON, STEEL SHAPES, EXC SHEET	1,599	1,584	13					
3316 IRON AND STEEL PLATES, SHEETS	90		90					
3317 IRON AND STEEL PIPE AND TUBE	710	637	73					
3318 FERROALLOYS	9		9					
3319 IRON AND STEEL PRODUCTS, NEC	246		246					
3321 NONFERROUS METALS, NEC	680	678	2					
3322 COPPER ALLOYS, UNWORKED	20		20					
3324 ALUMINUM AND ALLOYS, UNWORKED	2		2					
3411 FABRICATED METAL PRODUCTS	1,477	191	1,251				35	
3511 MACHINERY, EXCEPT ELECTRICAL	553		553					
3611 ELECTRICAL MACH AND EQUIP	193		193					
3711 MOTOR VEHICLES, PARTS, EQUIP	359		359					
3791 MISC TRANSPORTATION EQUIPMENT	69		69					
3811 INSTR, TIME, PHOTO, OPT GOODS	36		36					
3911 MISC MANUFACTURED PRODUCTS	5	1	4					
4011 IRON AND STEEL SCRAP	77,062		77,062					
4022 TEXTILE WASTE, SCRAP, SWEEP	48		48					
4111 WATER	1,642					635	1,007	
4112 COMMODITIES, NEC	5		4				1	
TOTAL TON-MILES,	35,507,662.							

PHILADELPHIA HARBOR, PA. (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J., DELAWARE RIVER, PHILADELPHIA, PA. TO THE SEA AND SCHUYLKILL RIVER, PA.)

SECTION INCLUDES DELAWARE RIVER FROM THE LOWER DOCK AT HOG ISLAND, BELOW THE MOUTH OF SCHUYLKILL RIVER, TO THE MOUTH OF POGUESSESS CREEK, THE UPPER LIMIT OF THE CITY, 23 MILES AND SCHUYLKILL RIVER FROM ITS MOUTH TO FAIRMOUNT DAM, 8.4 MILES. FOR CONTROLLING AND PROJECT DEPTH SEE TABLES OF INDIVIDUAL REFERENCED PROJECTS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	58,629,926	573,518	1978	50,822,894	407,604
1974	59,920,178	594,503	1979	54,865,960	532,773
1975	52,029,803	436,329	1980	47,882,836	496,313
1976	50,603,364	481,236	1981	41,583,752	507,584
1977	49,710,365	400,508	1982	31,936,235	507,614

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS		RECEIPTS	SHIPMENTS
TOTAL	31,936,235	12,249,159	5,482,226	2,157,442	2,947,072	5,683,935	2,281,471	1,134,930
0101 COTTON, RAW	235		235					
0102 BARLEY AND RYE	121		121					
0103 CORN	2,386,678		2,386,678					
0105 RICE	44		44					
0106 SORGHUM GRAINS	173		173					
0107 WHEAT	22,477		22,477					
0111 SOYBEANS	509,003		509,003					
0119 OILSEEDS, NEC	67	34	33					
0121 TOBACCO, LEAF	14,652	14,522	130					
0129 FIELD CROPS, NEC	1,444	1,405	39					
0131 FRESH FRUITS	11,981	11,891	90					
0132 BANANAS AND PLANTAINS	2,960		2,960					
0133 COFFEE	809		809					
0134 COCOA BEANS	60,729	60,231	342	156				
0141 FRESH AND FROZEN VEGETABLES	5,172	5,157	15					
0151 LIVE ANIMALS	2		2					

Waterborne Commerce of the United States, 1982

PHILADELPHIA HARBOR, PA. (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J., DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA AND SCHUYLKILL RIVER, PA.)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
0161 ANIMALS AND PRODUCTS, NEC-----	5,013	1,821	3,192					
0191 MISCELLANEOUS FARM PRODUCTS-----	391	3	117					
0841 CRUDE RUBBER AND ALLIED GUMS-----	1,210	1,164	46					
0861 FOREST PRODUCTS, NEC-----	2,526	1,980	546					
0911 FRESH FISH, EXCEPT SHELLFISH-----	7,555	7,035	520					
0912 SHELLFISH, EXCEPT PREPARED-----	1,265	1,239	46					
1011 IRON ORE AND CONCENTRATES-----	2,229,190	2,228,045	1,145					
1051 ALUMINUM ORES, CONCENTRATES-----	766	612	154					
1091 NONFERROUS ORES, CONCENT, NFC-----	18,132	6,375	11,757					
1121 COAL AND LIGNITE-----	1,891,574		1,891,574					
1311 CRUDE PETROLEUM-----	11,371,365	7,790,741		895,345		2,688,225	17,084	
1411 LIMESTONE-----	92,729	50,112	42,617					
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,744	37	1,707					
1451 CLAY-----	22,456	21,785	671					
1471 PHOSPHATE ROCK-----	1		1					
1491 SALT-----	186		186					
1492 SULPHUR, DRY-----	273		273					
1999 NONMETALLIC MINERALS, NEC-----	12,997	11,480	1,537					
1911 ORNAMENT AND ACCESSORIES-----	18	18						
2011 MEAT, FRESH, CHILLED, FROZEN-----	309,486	309,086	8,988	452				
2012 MEAT AND PRODUCTS, NEC-----	9,132	8,621	189	322				
2014 TALLOW, ANIMAL FATS AND OILS-----	22,169		22,169					
2015 ANIMAL BY-PRODUCTS, NEC-----	492	255	637					
2021 DAIRY PRODUCTS, NEC-----	14,383	13,380	31	972				
2022 DRIED MILK AND CREAM-----	45,367	327	45,040					
2031 FISH AND SHELLFISH, PREPARED-----	3,890	3,810	80					
2034 VEGETABLES AND PREP, NEC-----	4,982	3,893	812	277				
2039 PREP FRUIT AND VEG JUICE, NEC-----	90,781	90,395	290	96				
2041 WHEAT FLOUR AND SEMOLINA-----	208		208					
2042 ANIMAL FEEDS-----	1,481	332	1,149					
2049 GRAIN MILL PRODUCTS, NEC-----	2,050	534	1,494	22				
2061 SUGAR-----	147,141	122,404	37	24,700				
2081 ALCOHOLIC BEVERAGES-----	60,245	46,904	2,182	11,159				
2091 VEGETABLE OILS, MARG, SHORT-----	2,890	2,765	125					
2092 ANIMAL OILS AND FATS, NEC-----	829	829						
2099 MISCELLANEOUS FOOD PRODUCTS-----	136,516	98,650	1,218	5,818	17,179	17,655		
2111 TOBACCO MANUFACTURES-----	8,128		3,641	30			2,068	
2211 BASIC TEXTILE PRODUCTS-----	17,435	5,299	8,440	116		3,580		
2212 TEXTILE FINERS, NEC-----	1,467	1,467						
2311 APPAREL-----	4,517	4,300	195		22			
2411 LOGS-----	3,087	319	2,768					
2413 FUEL WOOD, CHARCOAL, WASTES-----	33	33						
2414 TIMBER, POSTS, POLES, PILING-----	489	8	481					
2421 LUMBER-----	15,557	12,241	3,255	61				
2431 VENEER, PLYWOOD, WORKED WOOD-----	6,349	5,630	719					
2491 WOOD MANUFACTURES, NEC-----	3,291	2,240	1,025	21		5		
2511 FURNITURE AND FIXTURES-----	3,423	2,580	404	439				
2611 PULP-----	11,109	11,034	75					
2631 PAPER AND PAPERBOARD-----	98,123	93,255	4,864	4		3,614		
2641 PULP AND PAPER PRODUCTS, NEC-----	7,060	977	1,173	1,296				
2711 PRINTED MATTER-----	3,555	1,676	1,709	156	14			
2810 SODIUM HYDROXIDE-----	22,948			17,072	5,876			
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	2,151		83				2,068	
2812 DYES, PIGMENT, TANNING MATS-----	360		360					
2813 ALCOHOLS-----	34,275		228	32,088	1,959			
2817 BENZENE AND TOLUENE-----	51,798			17,850	17,478	3,399	12,871	
2818 SULPHURIC ACID-----	7,988					2,300	5,688	
2819 BASIC CHEMICALS AND PROD, NFC-----	376,387	39,701	52,010	47,061	90,282	6,666	68,416	70,251
2821 PLASTIC MATERIALS-----	34,332	2,856	31,476					
2822 SYNTHETIC RUBBER-----	10,136		6,894			3,242		
2823 SYNTHETIC (MAN-MADE) FIBERS-----	5,397	4,564	633					
2831 DRUGS-----	1,771	680	1,091					
2841 SOAP-----	6,392	403	5,989					
2851 PAINTS-----	8,018	6,919	1,098				1	
2861 GUM AND GUMM CHEMICALS-----	65	20	45					
2871 NITROGENOUS CHEM FERTILIZERS-----	8,235	757	978			6,500		
2873 PHOSPHATIC CHEM FERTILIZERS-----	70		70					
2876 INSECTICIDES, DISINFECTANTS-----	1,022	272	750					
2879 FERTILIZER AND MATERIALS, NEC-----	260	237						
2891 MISCELLANEOUS CHEMICAL PROD-----	38,986	18,370	16,783	3,833				
2911 GASOLINE-----	2,457,968	117,704	3,316	212,923	1,372,032	549,714	195,717	6,562
2912 JET FUEL-----	179,471			83,454	79,180	4,977	11,858	
2913 KEROSENE-----	104,634		19	551	48,784	10,066	37,052	8,142
2914 DISTILLATE FUEL OIL-----	1,949,174	100,802		123,984	366,962	802,141	375,754	199,531
2915 RESIDUAL FUEL OIL-----	5,017,286	240,633	38,649	484,734	614,014	1,533,032	1,265,094	835,336
2916 LUBRICATING OILS AND GREASES-----	131,411	13,217	13,048	85,546	5,594	6,218	6,281	1,903
2917 NAPHTHA, PETROLEUM SOLVENTS-----	69,147			69,147				
2918 ASPHALT, TAR, AND BITUMENS-----	461,489		13		308,864	1,940	150,632	
2920 COKE, PETROLEUM COKE-----	39,230	1	21,641				17,588	
2921 LIQUEFIED GASES-----	69,464	68,686	778					
2951 ASPHALT BUILDING MATERIALS-----	134		115	19				
2991 PETROLEUM AND COAL PROD, NEC-----	8,273	1,599	2,200			2,500	1,974	
3011 RUBBER AND MISC PLASTIC PROD-----	14,775	4,722	6,164	511	1,374			
3111 LEATHER AND LEATHER PRODUCTS-----	2,434	2,243	143	31	17			
3211 GLASS AND GLASS PRODUCTS-----	15,253	2,294	12,958				1	
3241 BUILDING CEMENT-----	1,285		1,285					
3251 STRUCTURAL CLAY PRODUCTS-----	7,616	8,926	2,690					
3271 LIMESTONE-----	2		2					
3281 CUT STONE AND STONE PRODUCTS-----	2,172	973	4	299	896			
3291 MISC NONMETALLIC MINERAL PROD-----	20,141	2,883	15,430	5	1,423			
3314 IRON AND STEEL PRIMARY FORMS-----	1,123	332	791					
3315 IRON, STEEL SHAPES, EXC SHEET-----	283,493	281,835	1,402	256				

PHILADELPHIA, PA, DISTRICT

PHILADELPHIA HARBOR, PA, (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J., DELAWARE RIVER, PHILADELPHIA, PA, TO THE SEA AND SCHUYLKILL RIVER, PA.)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3316 IRON AND STEEL PLATES, SHEETS-----	18,116	2,011	14,105					
3317 IRON AND STEEL PIPE AND TUBE-----	52,037	51,140	767	112			6	12
3318 FERROALLOYS-----	6,790	6,140	650					
3319 IRON AND STEEL PRODUCTS, NEC-----	14,931	5,586	4,909	781	3,655			
3321 NONFERROUS METALS, NEC-----	11,910	10,614	1,295	1				
3322 COPPER ALLOYS, UNWORKED-----	7,092	6,318	761	13				
3323 LEAD AND ZINC, UNWORKED-----	33,854	32,532	1,322					
3324 ALUMINUM AND ALLOYS, UNWORKED-----	4,523	3,839	684					
3411 FABRICATED METAL PRODUCTS-----	42,861	30,711	11,894	193	327	35		1
3511 MACHINERY, EXCEPT ELECTRICAL-----	70,593	40,259	24,209	1,213	307		556	13
3611 ELECTRICAL MACH AND EQUIP-----	23,635	11,914	10,680	137	103		400	1
3711 MOTOR VEHICLES, PARTS, EQUIP-----	64,104	25,245	35,915	2,944				
3721 AIRCRAFT AND PARTS-----	66	62	3					
3731 SHIPS AND BOATS-----	246	140	106					
3791 MISC TRANSPORTATION EQUIPMENT-----	4,250	3,333	917					
3811 INSTR. TIME, PHOTO, OPT GOODS-----	3,727	1,830	1,897					
3911 MISC MANUFACTURED PRODUCTS-----	11,228	10,121	970	117	20			
4011 IRON AND STEEL SCRAP-----	115,141	6	115,135					
4012 NONFERROUS METAL SCRAP-----	36,715	29,134	7,581					
4022 TEXTILE WASTE, SCRAP, SWEEP-----	8,342	512	7,830					
4024 PAPER WASTE AND SCRAP-----	1,442	4	1,438					
4029 WASTE AND SCRAP, NEC-----	2,029			244	1,745			
4111 WATER-----	26,462					1,204	12,524	13,124
4112 COMMODITIES, NEC-----	194,871	2,160	844	30,711	3,041	58,431	94,652	52
9999 DEPARTMENT OF DEFENSE AND SCT-----	5,905		5,905					

TRENTON HARBOR, N. J. (INCLUDED IN DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.)

SECTION INCLUDED: OIL TERMINALS AT DUCK ISLAND TO FERRY STREET, TRENTON, N. J., 3.4 MILES. CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL; DUCK ISLAND TO TRENTON MARINE TERMINAL, IN JUNE 1982, 13.0 FEET, AND THENCE TO PENNSYLVANIA R. R. BRIDGE AT TRENTON, IN JUNE 1982, 11.1 FEET. PROJECT DEPTH: DUCK ISLAND TO TRENTON MARINE TERMINAL 35 FEET AUTHORIZED BUT DEFERRED; THENCE OF PENNSYLVANIA R. R. BRIDGE, 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	1,401,832	11	1978-----	805,855	4
1974-----	1,190,989	15	1979-----	925,047	
1975-----	1,242,500	5	1980-----	1,011,340	
1976-----	987,627	1	1981-----	1,041,558	
1977-----	1,248,079	1	1982-----	1,176,400	

FREIGHT TRAFFIC, 1982

DOMESTIC (SHORT TONS)

COMMODITY	INTERNAL RECEIPTS
TOTAL-----	1,176,400
1121 COAL AND LIGNITE-----	1,130,020
2914 DISTILLATE FUEL OIL-----	46,380

WILMINGTON HARBOR, DELAWARE

SECTION INCLUDED: WEST SHORE OF DELAWARE RIVER FROM AND INCLUDING PIGEON POINT, DEL., TO AND INCLUDING EDGEWOOD, DEL., 4.4 MILES; AND CHRISTINA RIVER FROM DELAWARE RIVER TO NEWPORT, DEL., 9.5 MILES. CONTROLLING DEPTH IN MIDDLE HALF OF CHANNEL: IN THE DELAWARE RIVER IN NOVEMBER 1982, 40.0 FEET. IN THE CHRISTINA RIVER IN NOVEMBER 1982, 24.5 FEET TO UPPER END OF MARINE TERMINAL WHARF; THENCE IN A GUNT 1982, 32.3 FEET TO LORELL CANAL, 1.2 MILES; THENCE IN DECEMBER 1979, 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; AND THENCE 6.1 FEET TO NEWPORT, 4 MILES. PROJECT DEPTH: IN DELAWARE RIVER, 40 FEET; IN CHRISTINA RIVER, 35 FEET TO LORELL 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

YEAR	TONS	ADDITIONAL TRAFFIC - RAILROAD FREIGHT CARS		YEAR	TONS	ADDITIONAL TRAFFIC - RAILROAD FREIGHT CARS	
		RECEIPTS EMPTY	LOADS			RECEIPTS EMPTY	LOADS
1973==	4,001,816	3,214	2,500	1978==	3,310,324	1,109	433
1974==	3,888,848	3,000	2,011	1979==	3,252,629	480	463
1975==	3,226,559	2,500	1,403	1980==	3,535,993	211	252
1976==	2,653,250	1,775	1,492	1981==	3,130,122	223	334
1977==	2,917,770	873	1,547	1982==	2,515,288	17	99

Waterborne Commerce of the United States, 1982

WILMINGTON HARBOR, DELAWARE--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL	2,515,288	1,135,855	377,767	171,928	75,064	729,109	26,065
0121 TORACCO, LEAF	111		111				
0132 BANANAS AND PLANTAINS	123,144		123,144				
0134 COCOA BEANS	7,438		7,438				
0141 FRESH AND FROZEN VEGETABLES	265		265				
0161 ANIMALS AND PRODUCTS, NEC	11		11				
0912 SMELT/FISH, EXCEPT PREPARED	205		205				
1091 NONFERROUS ORES, CONCENT, NEC	34,742		24,110				10,632
1121 COAL AND LIGNITE	68		68				
1311 CRUDE PETROLEUM	250,154		243,011				7,143
1411 LIMESTONE	215,574		215,574				
1412 BUILDING STONE, UNWORKED	22		22				
1442 SAND, GRAVEL, CRUSHED ROCK	4,489		4,489				
1451 CLAY	11,400		11,400				
1491 SALT	105,382		105,382				
1499 NONMETALLIC MINERALS, NEC	20		20				
2034 VEGETABLES AND PREP, NEC	37		37				
2039 PREP FRUIT AND VEG JUICE, NEC	28,825		28,825				
2092 ANIMAL OILS AND FATS, NEC	18		18				
2099 MISCELLANEOUS FOOD PRODUCTS	191		191				
2211 BASIC TEXTILE PRODUCTS	1,632		483				1,149
2212 TEXTILE FIBERS, NEC	91		91				
2311 APPAREL	7		7				
2411 LOGS	1,559		1,559				
2421 LUMBER	70,583		69,777				
2431 VENEER, PLYWOOD, WORKED WOOD	10,652		10,652				
2511 FURNITURE AND FIXTURES	26		24				
2631 PAPER AND PAPERBOARD	267		267				
2691 PULP AND PAPER PRODUCTS, NEC	2		2				
2711 PRINTED MATTER	5		5				
2819 BASIC CHEMICALS AND PROD, NEC	13,680		13,601				
2821 PLASTIC MATERIALS	155		2				153
2831 DRUGS	4		4				
2841 SOAP	18		18				
2851 PAINTS	4,258		4,258				
2871 NITROGENOUS CHEM FERTILIZERS	65,932		65,932				
2876 INSECTICIDES, DISINFECTANTS	886		886				
2891 MISCELLANEOUS CHEMICAL PROD	10,695		600				
2911 GASOLINE	105,437		1	10,324	45,703	49,409	
2912 JET FUEL	7,016			7,016			
2913 KEROSENE	2,151						
2914 DISTILLATE FUEL OIL	245,890					245,890	
2915 RESIDUAL FUEL OIL	573,504			141,546	29,353	398,010	4,578
2916 LUBRICATING OILS AND GREASES	22,013		10,916	9,072		2,017	8
2917 NAPHTHA, PETROLEUM SOLVENTS	10,778						10,778
2920 COKE, PETROLEUM COKE	239,505		238,071				1,514
2991 PETROLEUM AND COAL PROD, NEC	42		36				
3011 RUBBER AND MISC PLASTIC PROD	24		23				
3251 STRUCTURAL CLAY PRODUCTS	28		28				
3315 IRON, STEEL SHAPES, EXC SHEET	131,647		110,021				21,626
3316 IRON AND STEEL PLATES, SHEETS	8,875		8,875				
3317 IRON AND STEEL PIPE AND TUBE	12,548		10,459				2,089
3321 NONFERROUS METALS, NEC	256		19				237
3322 COPPER ALLOYS, UNWORKED	142		142				
3323 LEAD AND ZINC, UNWORKED	4,477		4,477				
3324 ALUMINUM AND ALLOYS, UNWORKED	4,514		4,514				
3411 FABRICATED METAL PRODUCTS	2,329		229				200
3511 MACHINERY, EXCEPT ELECTRICAL	14,204		5,626				8,570
3611 ELECTRICAL MACH AND EQUIP	77		3				74
3711 MOTOR VEHICLES, PARTS, EQUIP	144,406		47,881				96,525
3731 SHIPS AND BOATS	12,581						59
3791 MISC TRANSPORTATION EQUIPMENT	911		911				
3811 INSTR, TIME, PHOTO, OPT GOODS	6		6				
3911 MISC MANUFACTURED PRODUCTS	1		1				
4012 NONFERROUS METAL SCRAP	881		881				
4112 COMMODITIES, NEC	1,450		1,443				7
9999 DEPARTMENT OF DEFENSE AND SCI	6,959		6,959				

PHILADELPHIA, PA, DISTRICT

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SUMMARY OF TRAFFIC - DELAWARE RIVER AND TRIBUTARIES, TRENTON, N. J., TO THE SEA, 1982

(SHORT TONS)

LOCALITY	TOTAL	FOREIGN		DOMESTIC		LOCAL	
		IMPORTS	EXPORTS	COASTWISE			INTERNAL
				RECEIPTS	SHIPMENTS		
TRENTON HARBOR, N. J.	1,176,400					1,176,400	
BORDENTOWN-FIELDSBORO, N. J.							
BURLINGTON-FLORENCE-ROERLING, N. J.	547,923	224,704		11,673		304,533	
RIVERTON-DELANCO-BEVERLY, N. J.	860					860	
PENN MANOR, PA., AND VICINITY	1,638,959	1,551,166	101	9,120		232,685	
BRISTOL, PA., AND VICINITY	22,493					22,493	
PHILADELPHIA HARBOR, PA.	31,936,235	12,249,159	5,442,226	2,157,442	2,947,072	5,643,935	
CAMDEN-GLOUCESTER, N. J.	6,023,661	1,336,465	697,636	1,198,620	120,129	1,174,036	
CHESTER, PA.	542,343			17,954	4,641	512,991	
MARCUS HOOK, PA., AND VICINITY	23,880,652	13,613,480	129,047	2,975,192	2,146,599	2,414,800	
PAULSBORO, N. J., AND VICINITY	18,756,325	9,118,022	179,993	1,765,131	3,101,171	2,083,691	
THOMPSON POINT, N. J., AND VICINITY	366,565			230,743		73,086	
WILMINGTON HARBOR, DEL.	2,515,288	1,135,855	377,767	171,424	75,064	1,209,109	
PENNSGROVE-CARNEY POINT, N. J.	266,506	754		118,085		139,939	
NEW CASTLE, DEL., AND VICINITY	9,419,105	4,165,327	77,817	232,913	2,838,645	1,311,692	
ARTIFICIAL IS., N. J., AND VICINITY	1,641			1,100		1,091	
LOWER DELAWARE BAY, N. J.	23,988					13,525	
LOWER DELAWARE BAY, DEL.	14,127,467	7,660,540	7	47,474	40,163	162,474	
TOTAL	111,846,411	51,057,472	6,944,594	8,935,875	11,313,564	16,061,744	
NET VOLUME OF COMMERCE	97,883,444	51,057,472	6,944,594	8,935,875	11,313,564	16,119,015	

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

SECTION INCLUDED: DELAWARE RIVER TO POOLIS ISLAND IN CHESAPEAKE BAY, 46 MILES. CONTROLLING DEPTH: IN DECEMBER 1982, 34.0 FEET IN MIDDLE HALF OF CHANNEL. PROJECT DEPTH: 35 FEET AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	8,959,530	23,048	1978	14,571,375	13,088
1974	12,503,704	22,435	1979	14,396,868	9,986
1975	10,790,328	17,950	1980	15,975,922	1,795
1976	11,257,613	17,585	1981	15,986,379	1,261
1977	10,813,406	17,148	1982	16,962,746	1,642

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		EASTBOUND	WESTBOUND	COASTWISE		INTERNAL	
				EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
TOTAL	16,962,746	3,402,136	4,274,587	2,203,853	2,470,163	2,287,091	2,324,916
0104 OATS	15				15		
0107 WHEAT	11,646		11,646				
0111 SOYBEANS	2,725				2,725		
0122 HAY AND FODDER	21				21		
0129 FIELD CROPS, NEC	21				21		
0131 FRESH FRUITS	33,249	2,700	30,549				
0132 BANANAS AND PLANTAINS	52,988	29,305	22,383	1,300			
0133 COFFEE	19				19		
0191 MISCELLANEOUS FARM PRODUCTS	7,319	1,156	4,477	1,686			
0841 CRUDE RUBBER AND ALLIED GUMS	16,381	11,560	4,821				
0861 FOREST PRODUCTS, NEC	35,268		35,264				
0911 FRESH FISH, EXCEPT SHELLFISH	15,682		15,517			165	
0912 SHELLFISH, EXCEPT PREPARED	55				55		
0913 MENHADEN	4				4		
1011 IRON ORE AND CONCENTRATES	15,286	4,591	1,600	1,495	7,600		
1051 ALUMINUM ORES, CONCENTRATES	24,616	24,616					
1061 MANGANESE ORES, CONCENTRATES	205				205		
1091 NONFERROUS ORES, CONCENT, NEC	19,962	3,650	5,640	20			10,632
1121 COAL AND LIGNITE	2,361,550		28,166	1,189,589	13,743	1,130,020	
1311 CRUDE PETROLEUM	19,300				3,315		15,985
1411 LIMESTONE	89,187			87,788	1,399		
1412 BUILDING STONE, UNWORKED	3,046			1,457	1,589		
1442 SAND, GRAVEL, CRUSHED ROCK	65,740			1,514			64,226
1451 CLAY	1,442			1,420	22		
1471 PHOSPHATE ROCK	11,800	11,800					
1494 GYPSUM, CRUDE AND PLASTER	239,411	5,075	234,336				
1499 NONMETALLIC MINERALS, NEC	34,192	19,421	14,771				
1911 ORDNANCE AND ACCESSORIES	119				119		
2012 MEAT AND PRODUCTS, NEC	2,970				2,970		
2015 ANIMAL BY-PRODUCTS, NEC	34				34		
2031 FISH AND SHELLFISH, PREPARED	1,722		1,720		2		
2034 VEGETABLES AND PREP, NEC	2,777				2,777		
2039 PREP FRUIT AND VEG JUICE, NEC	4,295	1,500	1,000		1,795		
2061 SUGAR	45,580	25,146		20,394			
2062 MOLASSES	56,800	49,700			7,100		
2081 ALCOHOLIC BEVERAGES	11,806				11,806		
2091 VEGETABLE OILS, MARG, SHORT	7,427		526		6,901		
2092 ANIMAL OILS AND FATS, NEC	3,489				3,489		
2099 MISCELLANEOUS FOOD PRODUCTS	23,537	2,436	2,440		444	17,455	
2111 TOBACCO MANUFACTURES	1,490	91	1,299		100		

Waterborne Commerce of the United States, 1982

INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL.
AND MD. - CHESAPEAKE AND DELAWARE CANAL--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		EASTBOUND	WESTBOUND	COASTWISE		INTERNAL	
				EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
2211 BASIC TEXTILE PRODUCTS-----	5,223	100	80			314	4,729
2212 TEXTILE FINERS, NEC-----	20			20			
2311 APPAREL-----	908	625	103			100	
2414 TIMBER, POSTS, POLES, PILING-----	2,702	2,702					
2415 PULPHOOD, LOG-----	3,000			3,000			
2421 LUMBER-----	104,315	32,318	71,997				
2431 VENEER, PLYWOOD, WORKED WOOD-----	136		136				
2491 WOOD MANUFACTURES, NEC-----	26,638	12,536	14,035			62	5
2511 FURNITURE AND FIXTURES-----	274	4	172			98	
2611 PULP-----	99,442		4,448			94,994	
2621 STANDARD NEWSPRINT PAPER-----	4,448		4,448				
2631 PAPER AND PAPERBOARD-----	66,280		6,210			900	59,170
2691 PULP AND PAPER PRODUCTS, NEC-----	60,380	410	670	59,200		100	
2711 PRINTED MATTER-----	273	73				200	
2810 SODIUM HYDROXIDE-----	78,372		50,871			27,501	
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	18,900					18,900	
2812 DYES, PIGMENT, TANNING MATS-----	12					12	
2813 ALCOHOLS-----	2,110			846		1,264	
2817 BENZENE AND TOLUENE-----	32,049					3,640	28,389
2818 SULPHURIC ACID-----	243,637		48,500		4,000	32,524	158,613
2819 BASIC CHEMICALS AND PROD, NEC-----	173,443		2,810	24,334		3,109	139,186
2821 PLASTIC MATERIALS-----	23					23	
2822 SYNTHETIC RUBBER-----	5,682					5,682	
2831 DRUGS-----	41					41	
2871 NITROGENOUS CHEM FERTILIZERS-----	30,627				5,000	25,627	
2872 POTASSIC CHEM FERTILIZERS-----	20,033		20,033				
2879 FERTILIZER AND MATERIALS, NEC-----	21,600			14,100		3,500	
2891 MISCELLANEOUS CHEMICAL PROD-----	64,224	214	13,971	15,100		34,939	
2911 GASOLINE-----	588,088	1,918		115,003		61,346	49,940
2912 JET FUEL-----	234,186					20,040	59,044
2913 KEROSENE-----	14,796						14,796
2914 DISTILLATE FUEL OIL-----	675,887		24,321	198,853		152,765	299,948
2915 RESIDUAL FUEL OIL-----	1,309,058	4,891	60,628	44,078		33,793	419,232
2916 LUBRICATING OILS AND GREASES-----	67,769			22,191		1,594	43,984
2917 NAPHTHA, PETROLEUM SOLVENTS-----	24,036		500	16,118		7,418	
2918 ASPHALT, TAR, AND BITUMENS-----	512,595		7,373	20,124		362,779	1,980
2920 COKE, PETROLEUM COKE-----	49,843	18,110	5,185			2,714	120,339
2991 PETROLEUM AND COAL PROD, NEC-----	557,641	25,009				391,640	140,192
3011 RUBBER AND MISC PLASTIC PROD-----	1,620	320	70			1,230	
3111 LEATHER AND LEATHER PRODUCTS-----	530	60	320			150	
3211 GLASS AND GLASS PRODUCTS-----	2,820		2,800			20	
3241 BUILDING CEMENT-----	351,300		3,300	3,400		344,200	
3251 STRUCTURAL CLAY PRODUCTS-----	5,000					5,000	
3291 MISC NONMETALLIC MINERAL PROD-----	15,482	48	1,600	2,434		11,000	
3314 IRON AND STEEL PRIMARY FORMS-----	2,700			1,300		1,400	
3315 IRON, STEEL SHAPES, EXC SHEET-----	78,042	1,626	9,568			21,626	45,222
3316 IRON AND STEEL PLATES, SHEETS-----	3,040					2,800	240
3317 IRON AND STEEL PIPE AND TUBE-----	1,100						1,100
3318 FERROALLOYS-----	3,646		3,625			21	
3319 IRON AND STEEL PRODUCTS, NEC-----	185,816	64,313	71,262	14,004		36,237	
3321 NONFERROUS METALS, NEC-----	5,837		5,810			27	
3322 COPPER ALLOYS, UNWORKED-----	6,807	1,212		5,534		57	
3411 FABRICATED METAL PRODUCTS-----	57,354	12,365	34,664	630		9,310	105
3511 MACHINERY, EXCEPT ELECTRICAL-----	34,300	5,601	12,349			13,123	3,207
3611 ELECTRICAL MACH AND EQUIP-----	1,786	402	134				1,250
3711 MOTOR VEHICLES, PARTS, EQUIP-----	203,049	73,645	127,922			1,442	
3731 SHIPS AND BOATS-----	5,950	1,200		4,750			
3791 MISC TRANSPORTATION EQUIPMENT-----	4,915	2,754	2,017			144	
3811 INSTR, TIME, PHOTO, OPT GOODS-----	538	100	438				
3911 MISC MANUFACTURED PRODUCTS-----	156,618	71,780	55,859	2,130		26,449	
4011 IRON AND STEEL SCRAP-----	12,400		3,600			8,800	
4012 NONFERROUS METAL SCRAP-----	217					217	
4022 TEXTILE WASTE, SCRAP, SWFEP-----	2,094		2,094				
4024 PAPER WASTE AND SCRAP-----	14,608		13,103				1,505
4029 WASTE AND SCRAP, NEC-----	9,241	41				9,200	
4112 COMMODITIES, NEC-----	7,473,827	2,874,172	3,170,666	313,710		958,399	58,402
4119 EMPTY CONTAINERS-----	18					18	
9999 DEPARTMENT OF DEFENSE AND SCI-----	200		200				
TOTAL TON-MILES, 779,096,446.							

PHILADELPHIA, PA, DISTRICT

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON MILES	PASSENGERS
PROJECT				
ARSECON CREEK, N. J.	NO COMMERCE REPORTED			
ARSECON INLET, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	14		
	0912 SHELLFISH, EXCEPT PREPARED	26,590		
	TOTAL	26,604	26,604	12,576
ALLOWAY CREEK, N. J.	NO COMMERCE REPORTED			
APPOQUINIMINK RIVER, DEL.	NO COMMERCE REPORTED			
BARNEGAT INLET, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	11,353		
	0912 SHELLFISH, EXCEPT PREPARED	7,069		
	TOTAL	18,422	18,422	105,596
BIG TIMBER CREEK, N. J.	2814 SULPHURIC ACID	73,633		
	2915 RESIDUAL FUEL OIL	14,734		
	2918 ASPHALT, TAR, AND PITCHES	21,010		
	TOTAL	109,377	109,377	
BROADKILL RIVER, DEL.	NO COMMERCE REPORTED			
CARP MAY CANAL, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	5		
	2914 DISTILLATE FUEL OIL	3,771		
	TOTAL	3,776	11,328	753,445
CONANSEY RIVER, N. J.	0912 SHELLFISH, EXCEPT PREPARED	5		
	2914 DISTILLATE FUEL OIL	13,250		
	TOTAL	13,255	251,770	
COLD SPRING INLET, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	5,961		
	0912 SHELLFISH, EXCEPT PREPARED	84,157		
	TOTAL	90,118	90,118	139,445
COOPER RIVER, N. J.	2914 DISTILLATE FUEL OIL	10,630	10,630	
HARBOR OF REFUGE, DELAWARE BAY, DEL.	2871 NITROGENOUS CHEM FERTILIZERS	20,757	20,757	662,374
INDIAN RIVER INLET AND BAY, DEL.				9,176
INLAND WATERWAY BETWEEN REMSBOTH BAY AND DELAWARE BAY, DEL.	0911 FRESH FISH, EXCEPT SHELLFISH	12	12	40,604
LEIPSIC RIVER, DEL.	NO COMMERCE REPORTED			
LITTLE EGG HARBOR, N. J.	NO COMMERCE REPORTED			
LITTLE RIVER, DEL.	NO COMMERCE REPORTED			
MANASQUAN RIVER, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	810		
	0912 SHELLFISH, EXCEPT PREPARED	2,265		
	TOTAL	2,675	2,765	61,200
MANTUA CREEK, N. J.	2631 PAPER AND PAPERBOARD	57,613		
	2814 SULPHURIC ACID	15,200		
	2819 BASIC CHEMICALS AND PROD, NFC	39		
	2821 PLASTIC MATERIALS	1		
	2822 SYNTHETIC RUBBER	41		
	2891 MISCELLANEOUS CHEMICAL PROD	156		
	2914 DISTILLATE FUEL OIL	11,968		
	2915 RESIDUAL FUEL OIL	29,841		
	2916 LUBRICATING OILS AND GREASES	20,428		
	2918 ASPHALT, TAR, AND PITCHES	27,683		
	3322 COPPER ALLOYS, UNWORKED	1		
	3511 MACHINERY, EXCEPT ELECTRICAL	59		
	3511 ELECTRICAL MACH AND EQUIP	1		
	3811 INSTR, TIME, PHOTO, OPT GOODS	2		
	4024 PAPER WASTE AND SCRAP	1,505		
	TOTAL	164,534	190,370	
MAURICE RIVER, N. J.	0911 FRESH FISH, EXCEPT SHELLFISH	3		
	0912 SHELLFISH, EXCEPT PREPARED	8,825		
	TOTAL	8,828	66,668	1,800
MISPILLION RIVER, DEL.				216
MURDERKILL RIVER, DEL.				59,152
NEW JERSEY INTRACOASTAL WATERWAY	0911 FRESH FISH, EXCEPT SHELLFISH	15,315		
	0912 SHELLFISH, EXCEPT PREPARED	91,133		
	2914 DISTILLATE FUEL OIL	3,771		
	TOTAL	110,219	1,026,130	1,008,000
OLDMANS CREEK, N. J.	2915 RESIDUAL FUEL OIL	473	4,365	
PEPPER CREEK, DEL.	NO COMMERCE REPORTED			
SALEM RIVER, N. J.	NO COMMERCE REPORTED			

Waterborne Commerce of the United States, 1982

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS WILFB	PASSENGERS
PROJECT--CONTINUED				
SMYRNA RIVER, DEL.-----	0912 SHELLFISH, EXCEPT PREPARED-----	20	00	-----
ST. JONES RIVER, DEL.-----	NO COMMERCE REPORTED			
TOMS RIVER, N. J.-----	NO COMMERCE REPORTED			
TUCKERTON CREEK, N. J.-----	0912 SHELLFISH, EXCEPT PREPARED-----	1,322	2,644	336
WATERWAY FROM INDIAN RIVER INLET TO REHOBOTH BAY, DEL.-----	NO COMMERCE REPORTED			

BALTIMORE, MD, DISTRICT

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BALTIMORE HARBOR AND CHANNELS, MD.

SECTION INCLUDED: MOUTH OF CHESAPEAKE BAY TO BALTIMORE, MD. CONTROLLING DEPTH: CAPE HENRY TO CRAIGHILL ENTRANCE 40.9 FEET. CRAIGHILL ENTRANCE TO FT. MCHENNY, 39.1 FEET; BRANCH CHANNEL RANGE FROM 15 TO 35.5 FEET; ANCHORAGES 1 AT 30.3 FEET, 2 AT 31 FEET AND 4 AT 40 FEET. PROJECT DEPTH: CAPE HENRY TO FORT MCHENNY, BALTIMORE, MD., 42 FEET; BRANCH CHANNELS RANGE FROM 15 TO 42 FEET; ANCHORAGES 30 FEET AND 35 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC RAILROAD FREIGHT CARS		YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC RAILROAD FREIGHT CARS	
			EMPTY	LOADED				EMPTY	LOADED
1973	53,786,715	182,579	87	320	1978	46,809,090	178,147		
1974	59,891,048	176,944	100	100	1979	51,444,637	283,437		
1975	52,661,448	156,882			1980	50,041,515	374,153		
1976	52,437,192	169,946			1981	49,804,528	333,748		
1977	44,756,350	163,134			1982	40,830,961	632,962		

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	40,830,961	9,597,946	20,861,646	2,834,350	818,690	1,917,817	1,643,124	3,157,388
0101 COTTON, RAW	1,033		1,032					
0102 BARLEY AND RYE	49,666		49,666					
0103 CORN	5,550,608		5,550,503		9,105			
0104 OATS	15			15				
0105 RICE	198	156	42					
0106 SORGHUM GRAINS	246		107		139			
0107 WHEAT	519,620		519,598		22			
0111 SOYBEANS	476,635		476,635					
0119 OILSEEDS, NEC	2,822	273	2,332			17		
0121 TOBACCO, LEAF	68,578	36,192	32,123	252		51		
0122 HAY AND FODDER	41			21		20		
0129 FIELD CROPS, NEC	1,815	1,125	214	43		23		
0131 FRESH FRUITS	3,417	523	2,875	19				
0132 BANANAS AND PLANTAINS	68,447	88,447						
0133 COFFEE	9,060	9,003	36	19				
0134 COCOA BEANS	708	555	153					
0141 FRESH AND FROZEN VEGETABLES	7,424	2,161	5,029	117		117		
0151 LIVE ANIMALS	20		20					
0161 ANIMALS AND PRODUCTS, NEC	6,413	2,420	3,745			248		
0191 MISCELLANEOUS FARM PRODUCTS	540	393	147					
0841 CRUDE RUBBER AND ALLIED GUMS	55,476	54,387	1,075			14		
0861 FOREST PRODUCTS, NEC	7,497	7,063	382	22		30		
0911 FRESH FISH, EXCEPT SHELLFISH	6,739	5,966	726	41		4		
0912 SHELLFISH, EXCEPT PREPARED	910	369	337	78		174		
1011 IRON ORE AND CONCENTRATES	3,889,921	3,889,854	67					
1051 ALUMINUM ORES, CONCENTRATES	134,710	128,971	5,739					
1061 MANGANESE ORES, CONCENTRATES	27,443	27,258	185					
1091 NONFERROUS ORES, CONCENT, NEC	148,206	136,365	7,430	11				
1121 COAL AND LIGNITE	14,379,065		11,748,348		77,008	716,111	414,515	1,422,883
1311 CRUDE PETROLEUM	484,172	465,459				18,713		
1411 LIMESTONE	525,453	519,386	6,067					
1412 BUILDING STONE, UNWORKED	1,531		1,531					
1442 SAND, GRAVEL, CRUSHED ROCK	15,924	926	3,331		791		10,476	
1451 CLAY	159,427	144,693	14,710	22		2		
1471 PHOSPHATE ROCK	25,025		25	25,000				
1491 SALT	267,532	258,721	8,792	19				
1492 SULPHUR, DRY	1,554		1,554					
1493 SULPHUR, LIQUID	20,167			20,167				
1494 GYPSUM, CRUDE AND PLASTERS	16			15		1		
1499 NONMETALLIC MINERALS, NEC	29,069	23,379	5,669			21		
1911 ORDNANCE AND ACCESSORIES	2,819	1,535	924	356				
2011 MEAT, FRESH, CHILLED, FROZEN	28,007	148	23,529	16		4,114		
2012 MEAT AND PRODUCTS, NEC	25,686	13,566	3,961	18		8,141		
2014 TALLOW, ANIMAL FATS AND OILS	1,708		1,708					
2015 ANIMAL BY-PRODUCTS, NEC	17,703	89	16,462		1,152			
2021 DAIRY PRODUCTS, NEC	5,481	2,752	2,222			507		
2022 DRIED MILK AND CREAM	10,094	28	9,097			969		
2031 FISH AND SHELLFISH, PREPARED	21,765	13,758	463	7,584				
2034 VEGETABLES AND PREP, NEC	100,736	80,875	16,694	3,001		16A		
2039 PREP FRUIT AND VEG JUICE, NEC	96,759	85,997	5,399	2,509		2,458		
2041 WHEAT FLOUR AND SEMOLINA	7,689		6,049	42		1,778		
2042 ANIMAL FEEDS	87,200	1,763	83,167			2,270		
2049 GRAIN MILL PRODUCTS, NEC	44,483	3,326	39,503	52		1,602		
2061 SUGAR	553,807	379,105	290	170,422		7,990		
2062 MOLASSES	129,813	120,468		9,324		21		
2081 ALCOHOLIC BEVERAGES	146,551	124,426	7,305	13,394		1,026		
2091 VEGETABLE OILS, NARG, SHORT	14,849	4,136	3,274	4,749		2,491		
2092 ANIMAL OILS AND FATS, NEC	270		270					
2094 GROCERIES	149					149		
2099 MISCELLANEOUS FOOD PRODUCTS	95,247	39,292	22,547	3,179		30,279		
2111 TOBACCO MANUFACTURES	22,186	3,417	17,621			1,148		
2111 BASIC TEXTILE PRODUCTS	38,894	15,462	19,455	720		570	1,592	1,095
2112 TEXTILE FIBERS, NEC	2,202	2,110	24			68		
2111 APPAREL	10,871	5,930	2,667	1,777		987		
2111 LOSS	109,064		109,064					
2113 FUEL WOOD, CHARCOAL, WASTES	3,610	3,356	254					
2114 TIMBER, POSTS, POLES, PILING	7,782		47			115	5,220	2,400
2116 WOOD CHIPS, STAVES, HOLDINGS	159		159					
2121 LUMBER	216,507	117,020	99,428			59		

BALTIMORE HARBOR AND CHANNELS, MD.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
2431 VENEER, PLYWOOD, WORKED WOOD-----	32,277	4,740	27,537	-----	-----	-----	-----	-----
2491 WOOD MANUFACTURES, NEC-----	18,699	5,495	12,745	54	405	-----	-----	-----
2511 FURNITURE AND FIXTURES-----	47,261	25,761	17,330	162	4,008	-----	-----	-----
2611 PULP-----	2,857	1,027	1,830	-----	-----	-----	-----	-----
2621 STANDARD NEWSPRINT PAPER-----	5,230	-----	-----	25	3,205	-----	-----	-----
2631 PAPER AND PAPERBOARD-----	61,520	13,931	43,117	-----	4,472	-----	-----	-----
2691 PULP AND PAPER PRODUCTS, NEC-----	25,430	2,654	16,734	423	5,419	-----	-----	-----
2711 PRINTED MATTER-----	16,412	6,150	6,684	295	1,281	-----	-----	-----
2810 SODIUM HYDROXIDE-----	30,045	-----	-----	30,045	-----	-----	-----	-----
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	52,403	46	75	-----	52,282	-----	-----	-----
2812 DYES, PIGMENT, TANNING MATS-----	982	-----	970	12	-----	-----	-----	-----
2813 ALCOHOLS-----	1,640	-----	104	1,285	251	-----	-----	-----
2816 RADIOACTIVE MATERIALS, WASTES-----	1,749	1,140	545	-----	44	-----	-----	-----
2817 BENZENE AND TOLUENE-----	37,609	-----	-----	11,367	19	11,503	3,600	11,040
2818 SULPHURIC ACID-----	256,359	-----	-----	4,000	2,700	104,467	28,050	116,342
2819 BASIC CHEMICALS AND PROD, NEC-----	463,685	116,441	132,345	204,330	6,469	1,100	1,000	-----
2821 PLASTIC MATERIALS-----	143,422	10,760	127,312	29	5,321	-----	-----	-----
2822 SYNTHETIC RUBBER-----	12,553	-----	11,368	-----	-----	-----	1,184	-----
2823 SYNTHETIC (MAN-MADE) FIBERS-----	7,999	2,351	5,507	-----	141	-----	-----	-----
2831 DRUGS-----	13,840	901	11,541	1,161	11,237	-----	-----	-----
2841 SOAP-----	28,293	2,010	14,586	346	11,351	-----	-----	-----
2851 PAINTS-----	48,748	37,748	9,805	-----	1,107	-----	-----	-----
2861 GUM AND WOOD CHEMICALS-----	5,763	586	177	-----	-----	-----	-----	-----
2871 NITROGENOUS CHEM FERTILIZERS-----	107,085	39,499	207	14,160	182	35,643	17,394	-----
2872 POTASSIC CHEM FERTILIZERS-----	4,489	-----	-----	-----	-----	-----	4,489	-----
2873 PHOSPHATIC CHEM FERTILIZERS-----	145,586	145,228	358	-----	-----	-----	-----	-----
2876 INSECTICIDES, DISINFECTANTS-----	5,525	342	4,204	919	60	-----	-----	-----
2879 FERTILIZER AND MATERIALS, NEC-----	16,881	1,788	5,711	-----	371	9,011	-----	-----
2891 MISCELLANEOUS CHEMICAL PROD-----	62,362	13,100	48,175	627	451	-----	-----	-----
2911 GASOLINE-----	418,371	-----	5,975	91,600	-----	131,645	103,360	6,182
2912 JET FUEL-----	22,841	-----	-----	20,440	-----	2,801	-----	-----
2913 KEROSENE-----	11,861	-----	19	-----	-----	3,507	6,028	3,427
2914 DISTILLATE FUEL OIL-----	1,120,206	44,805	348	305,169	210,743	203,675	195,030	168,036
2915 RESIDUAL FUEL OIL-----	3,913,995	780,492	20,764	1,033,225	90,802	460,203	300,182	1,220,407
2916 LUBRICATING OILS AND GREASES-----	86,183	28,236	22,318	2,417	7,282	21,627	-----	6,303
2917 NAPHTHA, PETROLEUM SOLVENTS-----	35,077	-----	-----	22,696	9,300	-----	1,081	-----
2918 ASPHALT, TAR, AND BITUMENS-----	450,337	19,390	7,249	288,907	8,654	3,568	34,588	87,781
2920 COKE, PETROLEUM COKE-----	49,685	34	45,558	-----	60	-----	4,032	-----
2921 LIQUEFIED GASES-----	1,334	-----	1,210	-----	124	-----	-----	-----
2951 ASPHALT BUILDING MATERIAL-----	3,912	-----	2,414	13	1,483	-----	-----	-----
2991 PETROLEUM AND COAL PROD, NEC-----	128,839	1,032	7,844	117,601	612	450	300	1,000
3011 RUBBER AND MISC PLASTIC PROD-----	80,708	47,879	28,431	1,703	2,495	-----	-----	-----
3111 LEATHER AND LEATHER PRODUCTS-----	17,836	13,301	3,772	750	4	-----	-----	-----
3211 GLASS AND GLASS PRODUCTS-----	74,806	20,678	52,784	103	1,241	-----	-----	-----
3241 BUILDING CEMENT-----	449,449	44	1,483	258,887	65,386	-----	42,000	60,849
3251 STRUCTURAL CLAY PRODUCTS-----	78,077	34,155	35,830	-----	6,092	-----	-----	-----
3271 LIME-----	392	-----	392	-----	-----	-----	-----	-----
3281 CUT STONE AND STONE PRODUCTS-----	16,883	15,344	1,245	-----	254	-----	-----	-----
3291 MISC NONMETALLIC MINERAL PROD-----	58,094	19,910	37,381	350	453	-----	-----	-----
3312 SLAG-----	67,100	-----	-----	-----	58	-----	67,042	-----
3314 IRON AND STEEL PRIMARY FORMS-----	19,030	17,717	1,098	1	216	-----	-----	-----
3315 IRON, STEEL SHAPES, EXC SHEET-----	160,315	126,155	9,898	224	9,604	-----	18,434	-----
3316 IRON AND STEEL PLATES, SHEETS-----	152,278	24,307	122,347	-----	3,566	-----	2,058	-----
3317 IRON AND STEEL PIPE AND TUBE-----	87,978	28,466	28,372	198	10,942	-----	-----	-----
3318 FERROALLOYS-----	97,995	89,267	6,107	21	208	-----	5,392	-----
3319 IRON AND STEEL PRODUCTS, NEC-----	45,267	15,243	29,130	15	859	-----	-----	-----
3321 NONFERROUS METALS, NEC-----	49,033	34,196	6,740	54	6,043	-----	-----	-----
3322 COPPER ALLOYS, UNWORKED-----	59,836	52,608	7,134	57	37	-----	-----	-----
3323 LEAD AND ZINC, UNWORKED-----	10,675	6,752	1,923	-----	-----	-----	-----	-----
3324 ALUMINUM AND ALLOYS, UNWORKED-----	53,911	36,022	16,722	47	1,120	-----	-----	-----
3411 FABRICATED METAL PRODUCTS-----	248,198	117,418	117,444	1,227	8,599	-----	3,501	9
3511 MACHINERY, EXCEPT ELECTRICAL-----	536,886	228,004	301,244	2,997	1,749	-----	2,892	-----
3611 ELECTRICAL MACH AND EQUIP-----	201,247	26,233	155,464	4,574	14,770	-----	-----	-----
3711 MOTOR VEHICLES, PARTS, EQUIP-----	508,364	374,107	130,354	2,370	1,531	-----	-----	-----
3721 AIRCRAFT AND PARTS-----	1,183	219	964	-----	-----	-----	-----	-----
3731 SHIPS AND BOATS-----	11,180	1,796	9,324	-----	60	-----	-----	-----
3791 MISC TRANSPORTATION EQUIPMENT-----	14,253	2,654	11,329	144	126	-----	-----	-----
3811 INSTR, TIME, PHOTO, OPT GOODS-----	14,517	6,335	8,152	10	12	-----	-----	-----
3911 MISC MANUFACTURED PRODUCTS-----	35,309	24,453	8,691	1,293	692	-----	-----	-----
4011 IRON AND STEEL SCRAP-----	54,006	26	53,491	418	71	-----	-----	-----
4012 NONFERROUS METAL SCRAP-----	121,618	90,364	30,781	473	-----	-----	-----	-----
4022 TEXTILE WASTE, SCRAP, SNEEP-----	17,853	9	17,484	16	344	-----	-----	-----
4024 PAPER WASTE AND SCRAP-----	26,893	1	26,891	1	-----	-----	-----	-----
4029 WASTE AND SCRAP, NEC-----	2,866	-----	-----	2,866	-----	-----	-----	-----
4111 WATER-----	27,843	-----	-----	-----	158	-----	2,797	24,888
4112 COMMODITIES, NEC-----	740,628	11,775	9,512	138,447	104,552	181,505	294,394	241
9999 DEPARTMENT OF DEFENSE AND SCI-----	32,775	-----	32,775	-----	-----	-----	-----	-----

TOTAL TON-MILES, 321,055,472.

BALTIMORE, MD, DISTRICT

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

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	367,421	502	1978	191,171	1,312
1974	366,656	2210	1979	359,429	11,842
1975	369,299	72	1980	247,226	13,810
1976	321,127	1,068	1981	282,453	5,308
1977	300,325	1,644	1982	241,096	4,640

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		THROUGH		INTERNAL		
		UPBOUND	DOWNBOUND	INBOUND	UPBOUND	THROUGH
TOTAL	281,096	17,385	13	55,664	199,073	8,961
0911 FRESH FISH, EXCEPT SHELLFISH	35,512	17,378		88	18,046	
0912 SHELLFISH, EXCEPT PREPARED	23,054	2		13,345	9,707	
0913 MENHADEN	3			3		
0931 MARINE SHELLS, UNMANUFACTURED	48,767			39,806		8,961
1442 SAND, GRAVEL, CRUSHED ROCK	40,114				40,114	
2211 BASIC TEXTILE PRODUCTS	5	5				
2911 GASOLINE	18,202				18,202	
2913 KEROSENE	5,363				5,363	
2914 DISTILLATE FUEL OIL	22,151				22,151	
3291 WISC NONMETALLIC MINERAL PROD	2,422			2,422		
3312 SLAG	89,490				89,490	
3511 MACHINERY, EXCEPT ELECTRICAL	3			3		
3731 SHIPS AND BOATS	10		10			
TOTAL TON-MILES	4,195,714					

NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DEL. AND MD.

SECTION INCLUDED: NANTICOKE RIVER FROM MOUTH TO SEAFORD, DEL., NORTHWEST FORK FROM MOUTH TO FEDERALSBURG, MD, CONTROLLING DEPTH: NANTICOKE RIVER, 10.5 FEET TO HANKS NEST SHOALS; 12.0 FEET IN SEAFORD, DEL., NORTHWEST FORK, 3 FEET, PROJECT DEPTH: NANTICOKE RIVER, 12 FEET TO SEAFORD, DEL., NORTHWEST FORK, 6 FEET TO 0.5 MILE BELOW FEDERALSBURG, MD.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	795,165	1978	472,929
1974	789,748	1979	510,183
1975	597,919	1980	361,185
1976	777,022	1981	234,749
1977	501,014	1982	276,423

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	OUTBOUND	THROUGH
TOTAL	276,423	209,092	47,301	30
0102 BARLEY AND RYE	33,841		33,841	
0107 WHEAT	16,276		16,276	
0111 SOYBEANS	5,555		5,555	
0911 FRESH FISH, EXCEPT SHELLFISH	37	37		
0912 SHELLFISH, EXCEPT PREPARED	9,275	9,285		10
0913 MENHADEN	3	3		
0931 MARINE SHELLS, UNMANUFACTURED	1,280		1,280	
2815 PULPHOOD, LOG	8,533		8,533	
2871 NITROGENOUS CHEM FERTILIZERS	29,139	29,139		
2872 POTASSIC CHEM FERTILIZERS	4,889	4,889		
2879 FERTILIZER AND MATERIALS, NEC	11,288	11,288		
2911 GASOLINE	15,851	13,635	1,816	
2913 KEROSENE	1,779	1,779		
2914 DISTILLATE FUEL OIL	17,698	17,698		
2915 RESIDUAL FUEL OIL	104,561	104,561		
2918 ASPHALT, TAR, AND PITCHES	17,218	17,218		
TOTAL TON-MILES	8,771,238			

Waterborne Commerce of the United States, 1982

WICOMICO RIVER, MD., (EASTERN SHORE)

SECTION INCLUDED: FROM MOUTH TO SALISBURY, MD. CONTROLLING DEPTH: 12.5 FEET IN MAIN RIVER; BRANCH CHANNELS RANGE FROM 2 TO 10 FEET; 4.5 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

YEAR	TONS	YEAR	TONS
1973	843,884	1978	947,885
1974	770,584	1979	878,249
1975	808,711	1980	903,074
1976	827,076	1981	678,251
1977	837,137	1982	709,105

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	OUTBOUND	THROUGH DOWNBOUND
TOTAL	709,105	706,700	2,375	30
0103 CORN	31,401	31,401		
0111 SOYBEANS	6,999	6,999		
0911 FRESH FISH, EXCEPT SHELLFISH	4	4		
0912 SHELLFISH, EXCEPT PREPARED	1,285	1,255		30
0931 MARINE SHELLS, UNMANUFACTURED	2,208		2,208	
1442 SAND, GRAVEL, CRUSHED ROCK	50,130	50,130		
2011 GASOLINE	395,269	395,269		
2013 KEROSENE	16,466	16,466		
2014 DISTILLATE FUEL OIL	126,715	126,715		
2015 RESIDUAL FUEL OIL	32,943	32,776		167
3312 SLAG	45,685	45,685		
TOTAL TON-MILES	17,276,281.			

WASHINGTON HARBOR, D. C.

SECTION INCLUDED: ANACOSTIA RIVER, WASHINGTON CHANNEL AND VIRGINIA CHANNEL. CONTROLLING DEPTH: 13 FEET AT HAINES POINT, ANACOSTIA RIVER, 17.5 FEET FROM MOUTH TO 11TH STREET, BALANCE OF RIVER RANGES FROM 6 TO 16 FEET; WASHINGTON CHANNEL, 13 FEET FROM HAINES POINT TO 7TH STREET, 17 FEET TO 12TH STREET; VIRGINIA, 11.4 FEET FROM CLEBORO POINT TO KEY BRIDGE. PROJECT DEPTH: 24 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	2,138,859	461,120	1978	1,371,884	
1974	1,412,631	298,638	1979	1,086,989	
1975	1,405,513	278,937	1980	857,951	100,317
1976	1,538,121	319,689	1981	722,656	351,938
1977	1,537,085	398,207	1982	628,558	332,268

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	INTERNAL RECEIPTS
TOTAL	628,558
2011 GASOLINE	1,820
2012 JET FUEL	120,121
2014 DISTILLATE FUEL OIL	306,038
2015 RESIDUAL FUEL OIL	192,579

ANACOSTIA RIVER, D.C. (INCLUDED IN WASHINGTON HARBOR, D.C.)

SECTION INCLUDED: MOUTH TO MAGRUDER BRIDGE, 6.6 MILES. CONTROLLING DEPTH: 17.5 FEET TO 11TH STREET BRIDGE, 2.1 MILES UPSTREAM OF MOUTH; BALANCE OF WATERWAY RANGES FROM 6 TO 16 FEET. PROJECT DEPTH: 24 FEET TO FOOT OF 15TH STREET SE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	2,121,851	1978	1,367,187
1974	1,412,631	1979	1,086,989
1975	1,405,513	1980	857,951
1976	1,538,121	1981	722,656
1977	1,536,957	1982	628,558

Waterborne Commerce of the United States, 1982

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY PROJECT	COMMODITY	TONS	TOTAL TONS TILES	PASSENGERS
ANNAPOLIS HARBOR, MD.	2014 TALLOW, ANIMAL FATS AND OILS	14		
	2094 COMMODITIES	96		
	4112 COMMODITIES, NEC	1		
	TOTAL	111	111	52,427
AQUIA CREEK, VA.	NO COMMERCE REPORTED			
BACK CREEK, ANNE ARUNDEL COUNTY, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	15		
	0912 SHELLFISH, EXCEPT PREPARED	213		
	TOTAL	228	228	
BETTERTON HARBOR, MD.	NO COMMERCE REPORTED			
BLACK WALNUT HARBOR, MD.	NO COMMERCE REPORTED			
BONUM CREEK, VA.	NO COMMERCE REPORTED			
BRANSON'S COVE, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	134		
	0912 SHELLFISH, EXCEPT PREPARED	243		
	0931 MARINE SHELLS, UNMANUFACTURED	2,081		
	TOTAL	2,458	2,458	
BRETON BAY, MD.	1442 SAND, GRAVEL, CRUSHED ROCK	47,627	206,542	
BROAD CREEK RIVER, DEL.	0912 SHELLFISH, EXCEPT PREPARED	31	240	
BROAD CREEK, SOMERSET COUNTY, MD.	0912 SHELLFISH, EXCEPT PREPARED	153	306	
BROADWATER CREEK, MD.	NO COMMERCE REPORTED			
CADLE CREEK, MD.	NO COMMERCE REPORTED			
CAMBRIDGE HARBOR, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	35,472		
	0912 SHELLFISH, EXCEPT PREPARED	3,362		
	1442 SAND, GRAVEL, CRUSHED ROCK	7,931		
	2211 BASIC TEXTILE PRODUCTS	5		
	3312 SLAG	25,047		
	3511 MACHINERY, EXCEPT ELECTRICAL	3		
	3731 SHIPS AND BOATS	10		
	TOTAL	72,722	72,722	1,424
CHANNEL TO ISLAND CREEK, ST. GEORGE ISLAND, MD.	NO COMMERCE REPORTED			
CHESTER RIVER, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	74		
	0912 SHELLFISH, EXCEPT PREPARED	45,564		
	2911 GASOLINE	3,194		
	2914 DISTILLATE FUEL OIL	759		
TOTAL	49,791	49,791		
CLAIRBORNE HARBOR, MD.	NO COMMERCE REPORTED			
COAN RIVER, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	442		
	0912 SHELLFISH, EXCEPT PREPARED	11,147		
	0931 MARINE SHELLS, UNMANUFACTURED	11,221		
	TOTAL	15,810	25,063	
CORSICA RIVER, MD.	NO COMMERCE REPORTED			
CRISFIELD HARBOR, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	124		
	0912 SHELLFISH, EXCEPT PREPARED	13,973		
	0913 MENHADEN	34		
	0931 MARINE SHELLS, UNMANUFACTURED	1,124		
	1121 COAL AND LIGNITE	7		
	2094 COMMODITIES	104		
	2095 ICE	7		
	2099 MISCELLANEOUS FOOD PRODUCTS	1		
	3312 SLAG	7,444		
	3411 FABRICATED METAL PRODUCTS	4		
	4112 COMMODITIES, NEC	103		
TOTAL	25,814	106,455	3,599	
DUCK CREEK, MD.	NO COMMERCE REPORTED			
DUCK POINT COVE, MD.	NO COMMERCE REPORTED			
ELK AND LITTLE ELK RIVERS, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	5		40
FISHING BAY TRIBUTARIES, DORCHESTER COUNTY, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	172		
	0912 SHELLFISH, EXCEPT PREPARED	13,705		
	0913 MENHADEN	421		
	0931 MARINE SHELLS, UNMANUFACTURED	237		
TOTAL	14,735	52,489		
FISHING CREEK, CALVERT COUNTY, MD.	NO COMMERCE REPORTED			
GOOSE CREEK, SOMERSET COUNTY, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	10		
	0912 SHELLFISH, EXCEPT PREPARED	331		
	TOTAL	341	341	

BALTIMORE, MD, DISTRICT

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
HEMPING BAY AND RICHOLD CREEK, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	287		
	0912 SHELLFISH, EXCEPT PREPARED	1,452		
	0931 MARINE SHELLS, UNMANUFACTURED	350		
	TOTAL	2,250	2,250	
HEMPING CREEK, MD.	NO COMMERCE REPORTED			
MONICA RIVER AND TAP BAY, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	1,201		
	0912 SHELLFISH, EXCEPT PREPARED	12,065		
	0931 MARINE SHELLS, UNMANUFACTURED	206		
	0931 MARINE SHELLS, UNMANUFACTURED	129		
TOTAL	13,601	30,407		
INLAND CREEK, MD.	0912 SHELLFISH, EXCEPT PREPARED	889	889	
KNAPPS BARROWS, MD.	0912 SHELLFISH, EXCEPT PREPARED	4,503		
	0931 MARINE SHELLS, UNMANUFACTURED	800		
	TOTAL	5,303	6,103	
LITTLE CREEK, QUEEN ANNES COUNTY, MD.	NO COMMERCE REPORTED			
LITTLE RICHMOND RIVER, VA.	0912 SHELLFISH, EXCEPT PREPARED	90	180	11,916
LOWER RACHODIC CREEK, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	136		
	0912 SHELLFISH, EXCEPT PREPARED	929		
	0931 MARINE SHELLS, UNMANUFACTURED	4,539		
	TOTAL	5,604	13,667	
LOWER THROUGHFARE AT OR NEAR VERONA, NEAL ISLAND, MD.	0912 SHELLFISH, EXCEPT PREPARED	3,151	3,151	
LOWER SHARP, TALBOT COUNTY, MD.	NO COMMERCE REPORTED			
MANKIN RIVER, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	2,432		
	0912 SHELLFISH, EXCEPT PREPARED	3,420		
	TOTAL	5,852	30,339	
MIDDLE RIVER AND DARK HEAD CREEK, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	3		
	0912 SHELLFISH, EXCEPT PREPARED	51		
	0931 MARINE SHELLS, UNMANUFACTURED	28,686		
	TOTAL	28,740	57,480	
MILL CREEK, MD.	NO COMMERCE REPORTED			
MONROE BAY AND CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	1,515		
	0931 MARINE SHELLS, UNMANUFACTURED	600		
	TOTAL	2,115	2,115	
MUDDY HOOK AND TYLER COVES, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	150		
	0912 SHELLFISH, EXCEPT PREPARED	3,850		
	TOTAL	4,000	4,000	
NAN COVE, MD.	NO COMMERCE REPORTED			
NANTICOKE RIVER AT BIVALVE, MD.	NO COMMERCE REPORTED			
NANTICOKE RIVER AT NANTICOKE, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	37		
	0912 SHELLFISH, EXCEPT PREPARED	2,245		
	0931 MARINE SHELLS, UNMANUFACTURED	3		
	0931 MARINE SHELLS, UNMANUFACTURED	1,280		
	TOTAL	3,565		
NEALE SOUND, MD.	0912 SHELLFISH, EXCEPT PREPARED	200		
	0931 MARINE SHELLS, UNMANUFACTURED	320		
	TOTAL	520	520	
NOMINI BAY AND CREEK, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	750		
	0912 SHELLFISH, EXCEPT PREPARED	34		
	0931 MARINE SHELLS, UNMANUFACTURED	504		
	TOTAL	1,288	2,432	
NORTHEAST RIVER, MD.	NO COMMERCE REPORTED			
OCCEWAN CREEK, VA.	1402 SAND, GRAVEL, CRUSHED ROCK	47,427	296,562	
OCEAN CITY HARBOR AND INLET AND SIMPSONS BAY, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	320		
	0912 SHELLFISH, EXCEPT PREPARED	4,244		
	TOTAL	4,575	111,475	384
PARISH CREEK, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	1		
	0912 SHELLFISH, EXCEPT PREPARED	302		
	TOTAL	303	303	
PATHEMPT RIVER, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	57		
	0912 SHELLFISH, EXCEPT PREPARED	803		
	0931 MARINE SHELLS, UNMANUFACTURED	15,115		

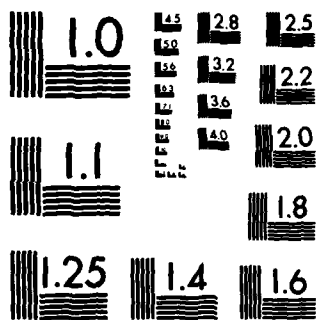
OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
PATUXENT RIVER, MD. (CONTINUED)	2911 GASOLINE	20,518		
	2912 JET FUEL	54,880		
	2913 KEROSENE	1,589		
	2914 DISTILLATE FUEL OIL	5,611		
	2915 RESIDUAL FUEL OIL	4,793		
	3411 FABRICATED METAL PRODUCTS	20		
	TOTAL	127,476	932,902	
POCOMOKE RIVER, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	34		
	0912 SHELLFISH, EXCEPT PREPARED	3,286		
	0913 MENHADEN	3		
	0931 MARINE SHELLS, UNMANUFACTURED	12,176		
	2411 LOGS	9,869		
	2416 WOOD CHIPS, STAVES, MOLDINGS	127,818		
	2911 GASOLINE	11,181		
	2914 DISTILLATE FUEL OIL	9,770		
	TOTAL	163,546	2,789,705	
POTOMAC RIVER AT ALEXANDRIA, VA.	2099 MISCELLANEOUS FOOD PRODUCTS	13		
	2491 WOOD MANUFACTURES, NEC	19		
	2511 FURNITURE AND FIXTURES	7		
	2631 PAPER AND PAPERBOARD	125,457		
	3324 ALUMINUM AND ALLOYS, UNWORKED	40		
	3411 FABRICATED METAL PRODUCTS	28		
	3511 MACHINERY, EXCEPT ELECTRICAL	20		
	4112 COMMODITIES, NEC	18		
	TOTAL	126,000		
POTOMAC RIVER AT LOWER CEDAR POINT, MD.	NO COMMERCE REPORTED			
POTOMAC RIVER AT MT. VERNON, VA.				
				254,390
POTOMAC RIVER, VIRGINIA CHANNEL, D. C. (INCLUDED IN WASHINGTON HARBOR, D. C.)				
				77,728
POTOMAC RIVER, WASHINGTON CHANNEL, D. C. (INCLUDED IN REPORT FOR WASHINGTON HARBOR, D. C.)				
				254,548
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.	0912 SHELLFISH, EXCEPT PREPARED	970		
	0931 MARINE SHELLS, UNMANUFACTURED	80		
	TOTAL	1,054	3,162	
SMITH CREEK, MD.	0912 SHELLFISH, EXCEPT PREPARED	71		
	0913 MENHADEN	43		
	TOTAL	114	114	
ST. CATHERINES SOUND, MD.	0912 SHELLFISH, EXCEPT PREPARED	400	400	
ST. JEROME CREEK, MD.	NO COMMERCE REPORTED			
ST. MICHAEL'S HARBOR, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	1		
	0912 SHELLFISH, EXCEPT PREPARED	2,752		
	TOTAL	2,753		5,020
ST. PATRICKS CREEK, MD.	0912 SHELLFISH, EXCEPT PREPARED	881		
	0931 MARINE SHELLS, UNMANUFACTURED	224		
	TOTAL	1,105	1,105	
ST. PETERS CREEK, MD.	NO COMMERCE REPORTED			
SUSQUEHANNA RIVER ABOVE AND BELOW NAVY OF GRACE, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	88		
	1442 SAND, GRAVEL, CRUSHED ROCK	103,594		
	3312 SLAG	75,877		
	TOTAL	219,159	1,703,620	1,780
TILGHMAN ISLAND HARBOR, MD.	NO COMMERCE REPORTED			
TOWN CREEK, MD.				
				3,216
TRED AVON RIVER, MD.	0912 SHELLFISH, EXCEPT PREPARED	4,117		
	1442 SAND, GRAVEL, CRUSHED ROCK	32,183		
	2911 GASOLINE	14,202		
	2913 KEROSENE	5,363		
	2914 DISTILLATE FUEL OIL	22,151		
	3312 SLAG	63,503		
	TOTAL	141,519	1,378,137	128,286
WITCH COVE AND BIG THOROUGHFARE RIVER, MD.	0911 FRESH FISH, EXCEPT SHELLFISH	2		
	0912 SHELLFISH, EXCEPT PREPARED	10,937		
	0931 MARINE SHELLS, UNMANUFACTURED	7,232		
	1121 COAL AND LIGNITE	7		
	2094 GROCERIES	108		
	2095 ICE	6		

BALTIMORE, MD, DISTRICT

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
TWITCH COVE AND BIG THOROUGHFARE RIVER, MD. (CONTINUED)-----	2099 MISCELLANEOUS FOOD PRODUCTS-----	1	-----	-----
	2911 GASOLINE-----	371	-----	-----
	2913 KEROSENE-----	233	-----	-----
	2914 DISTILLATE FUEL OIL-----	1,004	-----	-----
	3312 SLAG-----	1,300	-----	-----
	3411 FABRICATED METAL PRODUCTS-----	9	-----	-----
	4112 COMMODITIES, NEC-----	98	-----	-----
	TOTAL-----	21,397	60,623	790
TYASKIT CREEK, MI.-----	NO COMMERCE REPORTED			
UPPER WACHUDOC CREEK, VA.-----	NO COMMERCE REPORTED			
UPPER THOROUGHFARE, DEAF ISLAND, MD.-----	0912 SHELLFISH, EXCEPT PREPARED-----	1,757	1,757	-----
WARYICK RIVER, MD.-----	0912 SHELLFISH, EXCEPT PREPARED-----	300	-----	-----
	0931 MARINE SHELLS, UNMANUFACTURED-----	8,961	-----	-----
	TOTAL-----	9,261	10,522	-----
WATERWAY FROM LITTLE CHOPTANK RIVER TO CHOPTANK RIVER, MD.---	NO COMMERCE REPORTED			



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

NORFOLK, VA, DISTRICT

NORFOLK HARBOR, VA.

SECTION INCLUDED: FROM 45-FOOT CONTOUR IN HAMPTON ROADS TO NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH OF ELIZABETH RIVER, 14.78 MILES; THENCE UPSTREAM IN SOUTHERN BRANCH, 4.61 MILES, IN EASTERN BRANCH, 2.84 MILES UPSTREAM FROM THE MOUTH OF THAT BRANCH; IN WESTERN BRANCH, 1.72 MILES UPSTREAM FROM THE MOUTH OF THAT BRANCH; AND 0.73 MILES IN SCOTTS CREEK. CONTROLLING DEPTH: FROM THE 45 FOOT CONTOUR IN HAMPTON ROADS TO LAMBERT POINT, OUTBOUND HALF 45.0 FEET, INBOUND HALF, 45.0 FEET; LAMBERT POINT TO NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH, 40 FEET; BRANCH CHANNELS RANGE FROM 5.0 TO 35.0 FEET. PROJECT DEPTH: FROM THE 45 FOOT CONTOUR IN HAMPTON ROADS TO LAMBERT POINT, 45 FEET; FROM LAMBERT POINT TO THE NORFOLK & WESTERN (FORMERLY VIRGINIA) RAILWAY BRIDGE CROSSING SOUTHERN BRANCH, 40 FEET; BRANCH CHANNELS RANGE FROM 12 TO 35 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973	52,333,200	178,861	601,253	1978	34,018,870	53,842	463,593
1974	55,304,817	98,435	505,889	1979	48,650,776	45,837	502,524
1975	49,742,717	114,105	447,421	1980	54,217,591	44,745	455,623
1976	50,055,482	78,230	610,901	1981	52,897,674	80,861	543,929
1977	43,862,200	61,132	482,664	1982	55,294,916	60,600	416,050

NOTE: PASSENGER TOTALS ABOVE INCLUDE FERRY PASSENGERS.

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL SHIPMENTS	
TOTAL	55,294,916	4,043,347	42,645,331	1,076,563	101,374	1,352,553
0101 COTTON, RAW	542		542			
0102 BARLEY AND RYE	176,222		121,072		54,350	
0103 CORN	3,717,364	1,693	3,593,165		6,176	2,974
0105 RICE	956		783			
0106 SORGHUM GRAIN	0				9	
0107 WHEAT	1,218,550		1,135,936		81,184	1,430
0111 SOYBEANS	1,396,430		1,291,743		481	104,186
0119 OILSEEDS, NEC	32,571	39	32,532			
0121 TOBACCO, LEAF	195,979	42,274	113,674	31		
0129 FIELD CROPS, NEC	1,874		1,836			
0131 FRESH FRUITS	9,089	424	8,665			
0132 BANANAS AND PLANTAIN	1,188	1,188				
0133 COFFEE	4,364	4,364	16	41		
0134 COCOA BEANS	73,443	72,849	249	275		
0141 FRESH AND FROZEN VEGETABLES	4,463	444	4,059			
0161 ANIMALS AND PRODUCTS, NEC	7,187	104	7,083			
0191 MISCELLANEOUS FARM PRODUCTS	2,249	2,213	36			
0801 CRUDE RUBBER AND ALLIED GUMS	148,954	148,878	2,076			
0861 FOREST PRODUCTS, NEC	4,903	4,903	108			
0911 FRESH FISH, EXCEPT SHELLFISH	6,081	4,852	1,229			
0912 SHELLFISH, EXCEPT PREPARED	4,521	4,112	409			
1051 ALUMINUM ORES, CONCENTRATES	651,414	651,420	194			
1061 MANGANESE ORES, CONCENTRATED	13,641	11,573	2,068			
1091 NONFERROUS ORES, CONCENT, NEC	4,888	3,416	672			
1121 COAL AND LIGNITE	35,559,679	2	34,818,213		25,959	715,505
1311 CRUDE PETROLEUM	132,589	114,005				18,386
1411 LIMESTONE	350,860	343,363	7,485			
1412 BUILDING STONE, UNWORKED	13		13			
1442 SAND, GRAVEL, CRUSHED ROCK	1,943,784		94		1,942,814	
1451 CLAY	127,474	125,109	2,567			
1471 PHOSPHATE ROCK	71,233	71,233				
1479 NATURAL FERTILIZER MATS, NEC	4,423	4,423				
1491 SALT	103,530	103,495	35			
1492 SULPHUR, DRY	111		111			
1499 NONMETALLIC MINERALS, NEC	50,795	52,347	7,425		3	
1911 ORDNANCE AND ACCESSORIES	119	47	72			
2011 MEAT, FRESH, CHILLED, FROZEN	26,479	22,860	3,619			
2012 MEAT AND PRODUCTS, NEC	1,474	972	502			
2014 TALLOW, ANIMAL FATS AND OILS	33,972		33,972			
2015 ANIMAL BY-PRODUCTS, NEC	10,942	147	10,795			
2021 DAIRY PRODUCTS, NEC	1,023	1,003	20			
2022 DRIED MILK AND CREAM	1,481	22	1,461			
2031 FISH AND SHELLFISH, PREPARED	2,453	2,094	359			
2034 VEGETABLES AND PREP, NEC	21,039	18,473	2,565			
2039 PREP FRUIT AND VEG JUICE, NEC	14,325	8,812	7,858	195	50	
2041 WHEAT FLOUR AND SEMOLINA	3,523		3,523			
2042 ANIMAL FEEDS	308,966	1,768	299,200			
2049 GRAIN MILL PRODUCTS, NEC	30,499	215	26,842		3,022	
2061 SUGAR	39	14	24			
2062 MOLASSES	40	48				
2061 ALCOHOLIC BEVERAGES	30,964	20,880	7,970	1,403	1,511	
2091 VEGETABLE OILS, MARG, SHORT	115,299	279	115,020			
2092 ANIMAL OILS AND FATS, NEC	5,444		5,444			
2099 MISCELLANEOUS FOOD PRODUCTS	45,091	20,459	10,492	21	64	14,958
2111 TOBACCO MANUFACTURES	91,325	30,977	48,564		3,784	
2211 BASIC TEXTILE PRODUCTS	73,445	11,207	54,579		243	1,095
2212 TEXTILE FIBERS, NEC	520	435	85			
2311 APPAREL	5,237	1,463	3,774			
2311 LOGS	23,442	1,044	22,398			
2313 PINE WOOD, CHARCOAL, WASTES	648	11	637			
2314 TIMBER, POSTS, POLES, PILING	9,668	121	1,327		2,400	5,224
2321 LUMBER	43,924	7,602	34,242		90	
2331 VENEER, PLYWOOD, WORKED WOOD	74,850	72,987	3,860	3		
2401 WOOD MANUFACTURES, NEC	7,233	2,784	4,481		2	41

NORFOLK, VA, DISTRICT

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NORFOLK HARBOR, VA.--CONTINUED
 FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2511 FURNITURE AND FIXTURES.....	33,793	17,454	14,996	8	1,335			
2611 PULP.....	11,336	1	9,970	20	42	2,303		
2631 PAPER AND PAPERBOARD.....	57,234	15,731	41,503					
2691 PULP AND PAPER PRODUCTS, NEC.....	11,428	2,203	9,053		172			
2711 PRINTED MATTER.....	4,641	817	3,824					
2811 CRUDE TAR, OIL, GAS PRODUCTS.....	12,026	11,863	163					
2812 DYES, PIGMENT, TANNING MATS.....	391		359	22				
2813 ALCOHOLS.....	22		22					
2816 RADIOACTIVE MATERIALS, WASTE.....	7,694	6,492	1,200					
2818 SULPHURIC ACID.....	51,535			500		51,035		
2819 BASIC CHEMICALS AND PROD. NEC.....	96,631	27,356	54,752		28		13,095	1,400
2821 PLASTIC MATERIALS.....	43,123	3,252	39,862		9			
2822 SYNTHETIC RUBBER.....	43,171		36,305			1,184	5,682	
2823 SYNTHETIC (MAN-MADE) FIBERS.....	47,740	6,929	30,811					
2831 DRUGS.....	5,016	1,305	3,711					
2841 SOAP.....	5,929	1,004	4,924		1			
2851 PAINTS.....	12,456	11,211	1,077		168			
2861 GUM AND WOOD CHEMICAL.....	207	83	124					
2871 NITROGENOUS CHEM FERTILIZERS.....	352,632	6,250	108,127	33,600	1,850	128,062	74,743	
2873 PHOSPHATIC CHEM FERTILIZERS.....	87,660	87,198	462					
2876 INSECTICIDES, DISINFECTANTS.....	3,329	848	2,479		2			
2879 FERTILIZER AND MATERIALS, NEC.....	25,853	6,042	4,694			8,394	6,723	
2891 MISCELLANEOUS CHEMICAL PROD.....	29,270	20,781	4,373	109	7			
2911 GASOLINE.....	116,596	12,866	207	18,731		13,643	66,915	4,208
2912 KEROSENE.....	347,074			48,032	7,048	138,076	134,623	13,044
2913 DIESEL.....	11,537		10			1,916	9,611	
2914 DISTILLATE FUEL OIL.....	783,858	11,506	65	91,366	27,070	132,731	415,274	105,844
2915 RESIDUAL FUEL OIL.....	4,475,456	1,445,845		679,776	7,919	336,446	663,949	1,121,012
2916 LUBRICATING OILS AND GREASES.....	40,271	30	3,005	31,011			1,301	4,924
2917 NAPHTHA, PETROLEUM SOLVENTS.....	1,148			67		1,081		
2918 ASPHALT, TAR, AND BITUMENS.....	135,775		474	67,091		63,093	5,117	
2920 COKE, PETROLEUM COKE.....	1,036	56	980					
2921 LIQUEFIED GASES.....	120		128					
2951 ASPHALT BUILDING MATERIALS.....	405		354	19	32			
2991 PETROLEUM AND COAL PROD, NEC.....	73,242	799	139	2,740	4,553		29,756	35,255
3011 RUBBER AND MISC PLASTIC PROD.....	22,819	13,361	9,233	27	108			
3111 LEATHER AND LEATHER PRODUCTS.....	4,443	4,102	341					
3211 GLASS AND GLASS PRODUCTS.....	19,187	4,704	14,441	13	29			
3291 BUILDING CEMENT.....	153,623	23,474	9,512	77,637		42,800		
3293 STRUCTURAL CLAY PRODUCTS.....	4,506	2,398	2,108					
3271 LIME.....	31		31					
3301 CUP STONE AND STONE PRODUCTS.....	1,403	1,584	19					
3391 MISC NONMETALLIC MINERAL PROD.....	4,015	2,806	5,177	120	22			
3314 IRON AND STEEL PRIMARY FORMS.....	14,760		14,760					
3315 IRON, STEEL SHAPES, EXC SHEET.....	14,399	10,061	4,338					
3316 IRON AND STEEL PLATES, SHEET.....	11,771	9,427	2,344					
3317 IRON AND STEEL PIPE AND TUBE.....	14,637	6,025	8,612					
3318 FERROALLOYS.....	758	61	647					
3319 IRON AND STEEL PRODUCTS, NEC.....	5,230	2,954	2,116	23	137			
3321 NONFERROUS METALS, NEC.....	10,170	3,256	6,914					
3322 COPPER ALLOYS, UNWORKED.....	29,020	27,353	1,622	39	6			
3323 LEAD AND ZINC, UNWORKED.....	1,804	1,711	93					
3324 ALUMINUM AND ALLOYS, UNWORKED.....	5,842	1,310	4,530		2			
3411 FABRICATED METAL PRODUCTS.....	55,968	37,077	18,525		366			
3511 MACHINERY, EXCEPT ELECTRICAL.....	172,293	51,579	115,565	107	823	2,022	1,547	
3611 ELECTRICAL MACH AND EQUIP.....	57,101	13,838	40,271	814	133	1,210	835	
3711 MOTOR VEHICLES, PARTS, EQUIP.....	159,832	105,232	50,212	5	383			
3721 AIRCRAFT AND PARTS.....	486	57	378		29		22	
3731 SHIPS AND BOATS.....	16,453	5,725	1,423	9,500	1			
3791 MISC TRANSPORTATION EQUIPMENT.....	3,174	1,530	1,623		21			
3811 INSTR, TIME, PHOTO, OPT GOODS.....	4,693	1,915	2,778					
3911 MISC MANUFACTURED PRODUCTS.....	6,138	3,537	2,484		117			
4011 IRON AND STEEL SCRAP.....	81,672	34	52,882				28,752	
4012 NONFERROUS METAL SCRAP.....	6,785	227	6,558					
4022 TEXTILE WASTE, SCRAP, WHEEP.....	4,179	64	4,113					
4024 PAPER WASTE AND SCRAP.....	6,069		6,069					
4111 WATER.....	64,466						6,000	60,466
4112 COMMODITIES, NEC.....	434,502	6,546	1,834	15,106	7,504	276,145	127,367	
9999 DEPARTMENT OF DEFENSE AND SCI.....	1,990		1,990					
TOTAL TON-MILES,	621,692,335.							

HAMPTON ROADS, VA.

SECTION INCLUDED: NORFOLK HARBOR, PORT OF NEWPORT NEWS (INCLUDING NEWPORT NEWS CREEK), HAMPTON CREEK, AND CHANNEL FROM PROEBIS TO DEEP-WATER IN HAMPTON ROADS, VA.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973.....	63,963,750	182,961	2,201,113	1978.....	41,025,851	117,530	2,317,476
1974.....	73,101,978	185,915	1,977,239	1979.....	59,998,945	122,471	2,538,728
1975.....	66,937,115	114,369	1,904,320	1980.....	74,832,860	141,431	2,598,043
1976.....	63,184,184	143,500	2,345,133	1981.....	71,196,982	84,706	2,192,669
1977.....	52,370,666	189,931	2,007,153	1982.....	76,141,558	60,522	1,931,979

HAMPTON ROADS, VA.--CONTINUED

	TONS
HAMPTON ROADS:1	
HAMPTON CREEK, VA.....	363,370
NORFOLK HARBOR, VA.....	55,294,916
PORT OF NEWPORT NEWS, VA.....	20,911,077
CHANNEL FROM PROBUS TO DEEP WATER IN HAMPTON ROADS, VA.....	
TOTAL GROSS, UNADJUSTED.....	76,596,163
NET VOLUME AFTER ELIMINATING DUPLICATION WITHIN THE AREA OF HAMPTON ROADS, VA.....	76,161,950

FREIGHT TRAFFIC, 1982
(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS		INTERNAL RECEIPTS	INTERNAL SHIPMENTS
TOTAL.....	76,161,950	4,820,239	61,161,750	1,150,264	230,450	3,991,050	3,002,937	1,700,660
0101 COTTON, RAW.....	542		542					
0102 BARLEY AND RYE.....	176,222		121,072			54,350		
0103 CORN.....	3,719,413	3,735	3,593,170		6,170	113,354		2,976
0105 RICE.....	956	173	783					
0106 SOYBEAN GRAINS.....	11		2		9			
0107 WHEAT.....	1,210,550		1,135,636			81,104		1,430
0111 SOYBEANS.....	1,396,030		1,291,763		481	100,106		
0119 OILSEEDS, NEC.....	32,001	39	32,762					
0121 TOBACCO, LEAF.....	170,010	49,369	120,610		31			
0129 FIELD CROPS, NEC.....	1,955	504	1,451					
0131 FRESH FRUITS.....	9,000	424	8,665					
0132 BANANAS AND PLANTAINS.....	1,100	1,100						
0133 COFFEE.....	4,813	4,756	16		41			
0134 COCOA BEANS.....	73,443	72,869	24		275			
0141 FRESH AND FROZEN VEGETABLES.....	4,643	604	4,039					
0141 ANIMALS AND PRODUCTS, NEC.....	8,104	100	7,924					
0191 MISCELLANEOUS FARM PRODUCTS.....	2,261	2,225	36					
0641 CRUDE RUBBER AND ALLIED GUMS.....	295,521	293,314	2,257					
0641 FOREST PRODUCTS, NEC.....	8,274	8,153	121					
0911 FRESH FISH, EXCEPT SMELLFISH.....	6,061	4,852	1,209					
0912 SMELLFISH, EXCEPT PREPARED.....	6,090	4,112	400			97		1,472
1011 IRON ORE AND CONCENTRATES.....	275		275					
1011 ALUMINUM ORES, CONCENTRATED.....	651,615	651,420	195					
1061 MANGANESE ORES, CONCENTRATED.....	13,048	11,573	2,275					
1091 NONFERROUS ORES, CONCENT, NEC.....	4,090	3,416	682					
1121 COAL AND LIGNITE.....	54,895,552	2	52,914,694		159,190	1,831,616		
1311 CRUDE PETROLEUM.....	458,042	440,450	17,592			10,304		
1411 LIMESTONE.....	350,920	343,303	7,541					
1412 BUILDING STONE, UNWORKED.....	13		13					
1442 SAND, GRAVEL, CRUSHED ROCK.....	2,446,653		985			2,445,668		
1451 CLAY.....	127,032	125,161	2,671					
1471 PHOSPHATE ROCK.....	71,233	71,233						
4791 NATURAL FERTILIZER MATS, NEC.....	4,423	4,423						
1401 SALT.....	103,530	103,499	35					
1492 SULPHUR, DRY.....	111		111					
1499 NONMETALLIC MINERALS, NEC.....	60,070	52,371	7,696		3			
1911 ORDONANCE AND ACCESSORIES.....	121	49	72					
2011 MEAT, FRESH, CHILLED, FROZEN.....	26,519	22,060	3,659					
2012 MEAT AND PRODUCTS, NEC.....	1,074	972	502					
2014 TALLOW, ANIMAL FATS AND OILS.....	39,142		39,142					
2015 ANIMAL BY-PRODUCTS, NEC.....	11,000	105	10,815					
2021 DAIRY PRODUCTS, NEC.....	1,023	1,003	20					
2022 DRIED MILK AND CREAM.....	2,062	22	2,040					
2031 FISH AND SMELLFISH, PREPARED.....	2,453	2,094	350					
2034 VEGETABLES AND PREP, NEC.....	21,200	10,634	2,605					
2039 PREP FRUIT AND VEG JUICE, NEC.....	17,400	9,915	7,308		1	30		
2041 WHEAT FLOUR AND SEMOLINA.....	5,375		5,175					
2042 ANIMAL FEEDS.....	301,115	1,760	299,367					
2049 GRAIN MILL PRODUCTS, NEC.....	39,733	215	36,496			3,022		
2061 SUGAR.....	30	10	24					
2062 MOLASSES.....	48	48						
2081 ALCOHOLIC BEVERAGES.....	35,723	24,754	8,055	1,403		1,511		
2091 VEGETABLE OILS, NAPS, SHORT.....	115,370	339	115,039					
2092 ANIMAL OILS AND FATS, NEC.....	5,644	6	5,640					
2099 MISCELLANEOUS FOOD PRODUCTS.....	47,931	22,094	10,097	21		60		14,055
2111 TOBACCO MANUFACTURES.....	101,963	40,307	57,072		3,780			
2211 BASIC TEXTILE PRODUCTS.....	93,737	15,037	70,241		243	1,095		4,321
2212 TEXTILE FIBERS, NEC.....	2,210	2,133	85					
2311 APPAREL.....	5,537	1,502	3,775					
2411 LOGS.....	23,442	1,044	22,398					
2413 FUEL WOOD, CHARCOAL, WASTES.....	646	11	1,637					
2414 TIMBER, POBYS, POLES, PILING.....	4,060	121	1,327			2,600		5,220
2421 LUMBER.....	44,710	7,953	36,677			80		
2431 VENEER, PLYWOOD, WORKED WOOD.....	81,202	77,616	3,683		3			
2491 WOOD MANUFACTURES, NEC.....	7,516	3,034	4,434			41		3
2511 FURNITURE AND FIXTURES.....	30,930	10,195	18,362			1,335		
2611 PULP.....	17,130	10,764	20		82	2,303		
2631 PAPER AND PAPERBOARD.....	92,014	41,135	51,601					
2691 PULP AND PAPER PRODUCTS, NEC.....	11,905	2,203	9,610			172		
2711 PRINTED MATTER.....	4,947	836	4,111					
2811 CRUDE TAR, OIL, GAS PRODUCTS.....	12,026	11,063	163					
2812 DYES, PIGMENT, TANNING MATS.....	455		433		22			

NORFOLK, VA, DISTRICT

HAMPTON ROADS, VA.--CONTINUED
FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2013 ALCOHOLS.....	23		23					
2016 RADIOACTIVE MATERIALS, WASTES.....	7,911	6,707	1,204					
2010 SULPHURIC ACID.....	51,935			500		51,935		
2019 BASIC CHEMICALS AND PROD, NEC.....	103,263	20,581	60,150		28		13,095	1,480
2021 PLASTIC MATERIALS.....	45,797	3,666	42,122		9			
2022 SYNTHETIC RUBBER.....	45,020		38,162			1,184		5,682
2023 SYNTHETIC (MAN-MADE) FIBERS.....	52,096	9,637	42,459					
2031 DRUGS.....	5,366	1,387	6,019					
2041 SOAP.....	6,183	1,068	5,094		1			
2051 PAINTS.....	13,035	11,616	1,251		148			
2044 GUM AND WOOD CHEMICAL.....	207	83	124					
2071 NITROGENOUS CHEM FERTILIZERS.....	352,632	6,250	100,127	33,600	1,850	120,662	78,743	
2073 PHOSPHATIC CHEM FERTILIZERS.....	87,660	87,190	462					
2076 INSECTICIDES, DISINFECTANTS.....	3,810	640	2,960		2			
2079 FERTILIZER AND MATERIALS, NEC.....	32,300	6,042	11,141			8,594	6,723	
2091 MISCELLANEOUS CHEMICAL PROD.....	31,760	20,879	10,765	109	7			
2011 GASOLINE.....	142,978	39,250	219	18,731		13,683	66,810	4,696
2012 JET FUEL.....	347,074			48,082	7,040	130,076	138,794	19,073
2013 KEROSENE.....	11,937		10			1,916	9,038	573
2014 DISTILLATE FUEL OIL.....	797,165	11,506	65	91,366	38,915	132,731	341,710	188,872
2015 RESIDUAL PUE OIL.....	4,041,243	1,648,922		751,327	7,919	291,977	687,296	1,453,802
2016 LUBRICATING OILS AND GREASES.....	43,204	30	5,930	31,011			409	5,616
2017 NAPHTHA, PETROLEUM SOLVENTS.....	1,148		7	67		1,081		
2018 ASPHALT, TAR, AND BITUMENS.....	168,797		474	67,091		96,115	5,117	
2020 COKE, PETROLEUM.....	237,413	56	235,222				1,514	
2021 LIQUEFIED GASES.....	120		120					
2091 ASPHALT BUILDING MATERIALS.....	455		404	19	32			
2091 PETROLEUM AND COAL PROD, NEC.....	75,307	834	169	2,740	4,553		23,576	41,835
3011 RUBBER AND MIDC PLASTIC PROD.....	26,470	14,660	10,185	27	190			
3111 LEATHER AND LEATHER PRODUCTS.....	4,689	4,121	484					
3211 GLASS AND GLASS PRODUCTS.....	10,730	4,780	10,900	13	20			
3301 BUILDING CEMENT.....	193,624	23,674	9,513	77,637		42,600		
3301 STRUCTURAL CLAY PRODUCTS.....	5,722	2,472	3,250					
3371 LIME.....	31		31					
3301 CUT STONE AND STONE PRODUCTS.....	1,680	1,661	19					
3301 MIDC NONMETALLIC MINERAL PROD.....	8,716	2,644	5,730	120	22			
3314 IRON AND STEEL PRIMARY FORMS.....	16,762		16,762					
3315 IRON, STEEL SHAPES, ETC SHEETS.....	21,242	10,735	10,507					
3316 IRON AND STEEL PLATES, SHEETS.....	22,110	9,486	12,624					
3317 IRON AND STEEL PIPE AND TUBE.....	23,182	6,665	16,497					
3318 FERROALLOYS.....	750	61	687					
3319 IRON AND STEEL PRODUCTS, NEC.....	7,510	3,102	4,232	23	137			
3321 NONFERROUS METALS, NEC.....	10,314	3,296	7,020					
3322 COPPER ALLOYS, UNWORKED.....	20,129	27,553	1,731	39	6			
3323 LEAD AND ZINC, UNWORKED.....	1,850	1,751	1,137					
3324 ALUMINUM AND ALLOYS, UNWORKED.....	6,806	1,677	4,707		2			
3411 FABRICATED METAL PRODUCTS.....	44,626	39,725	24,195		366	142		
3511 MACHINERY, EXCEPT ELECTRICAL.....	214,736	62,626	146,852	317	823	3,021	544	1,353
3611 ELECTRICAL MACH AND EQUIP.....	65,773	14,249	48,532	814	133	810	35	1,200
3711 MOTOR VEHICLES, PARTS, EQUIP.....	150,247	109,509	53,350	5	303			
3721 AIRCRAFT AND PARTS.....	514	57	406		29		22	
3731 SHIPS AND BOATS.....	16,694	5,741	1,452	9,500	1			
3791 MIDC TRANSPORTATION EQUIPMENT.....	7,214	1,530	5,663		21			
3811 INSTR, TIME, PHOTO, OPT GOODS.....	5,485	1,924	3,516					
3911 MIDC MANUFACTURED PRODUCTS.....	6,478	3,754	2,607		117			
4011 IRON AND STEEL SCRAP.....	81,718	30	52,928				28,752	
4012 NONFERROUS METAL SCRAP.....	7,600	227	7,373					
4022 TEXTILE WASTE, SCRAP, SWEEP.....	5,467	237	5,230					
4030 PAPER WASTE AND SCRAP.....	8,049		8,049					
4111 WATER.....	48,488						500	63,966
4118 COMMODITIES, NEC.....	435,531	7,360	2,649	15,104	7,504	276,145	127,367	
4999 DEPARTMENT OF DEFENSE AND SCI.....	5,220		5,220					

CHANNEL TO NEWPORT NEWS, VA.

SECTION INCLUDED: BETWEEN THE 45-FOOT DEPTH CONTOURS ON EACH SIDE OF MIDDLE GROUND SHOAL IN HAMPTON ROADS, VA., 4.8 MILES. CONTROLLING DEPTHS: OUTBOUND HALF OF CHANNEL, 45.0 FEET AT MEAN LOW WATER; INBOUND HALF OF CHANNEL, 45.0 FEET AT MEAN LOW WATER. PROJECT LENGTH: 4.8 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973.....	17,950,213	1978.....	12,423,826
1974.....	23,718,422	1979.....	17,089,036
1975.....	21,772,872	1980.....	26,100,356
1976.....	17,967,014	1981.....	22,666,364
1977.....	13,253,075	1982.....	25,061,210

CHANNEL TO NEWPORT NEWS, VA.--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		THROUGH		COASTWISE		INTERNAL	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
TOTAL	25,061,210	10,917,450	894,428	188,148	217,235	3,968,589	875,322
0103 CORN	2,087	45	2,042				
0106 BORGHUM GRAINS	32	2					
0119 OILSEEDS, NEC	957	957					
0121 TOBACCO, LEAF	66,303	17,999	48,304				
0129 FIELD CROPS, NEC	81	4					
0131 FRESH FRUITS	4	4					
0133 COFFEE	447		447				
0141 FRESH AND FROZEN VEGETABLES	524	524					
0161 ANIMALS AND PRODUCTS, NEC	1,027	951	76				
0191 MISCELLANEOUS FARM PRODUCTS	12		12				
0841 CRUDE RUBBER AND ALLIED GUMS	146,594	131	146,463				
0861 FOREST PRODUCTS, NEC	3,437	13	3,424				
0912 SMELT/FISH, EXCEPT PREPARED	295						295
0931 MARINE SMELLS, UNMANUFACTURED	5,842						5,842
1011 IRON ORE AND CONCENTRATES	275	275					
1051 ALUMINUM ORES, CONCENTRATES	1	1					
1061 MANGANESE ORES, CONCENTRATES	207	207					
1071 NONFERROUS ORES, CONCENTRATES, NEC	10	10					
1091 COAL AND LIGNITE	18,945,422	18,944,422		133,231		716,111	
1311 CRUDE PETROLEUM	326,453		326,453				
1411 LIMESTONE	56	56					
1442 SAND, GRAVEL, CRUSHED ROCK	2,857,579	1,940	40			2,855,579	
1451 CLAY	176	124	52				
1493 SULPHUR, LIQUID	71,950				71,950		
1499 NONMETALLIC MINERALS, NEC	2,045	2,041	4				
1911 ORDNANCE AND ACCESSORIES	2						
2011 MEAT, FRESH, CHILLED, FROZEN	40	40					
2014 YALLOW, ANIMAL FATS AND OILS	5,170	5,170					
2015 ANIMAL BY-PRODUCTS, NEC	63	20	43				
2022 DRIED MILK AND CREAM	1,379	1,379					
2034 VEGETABLES AND PREP, NEC	201	40	161				
2039 PREP FRUIT AND VEG JUICE, NEC	1,163	60	1,103				
2041 WHEAT FLOUR AND SEMOLINA	1,652	1,652					
2042 ANIMAL FEEDS	303	303					
2049 GRAIN MILL PRODUCTS, NEC	9,980	9,980					
2062 MOLASSES	30	30					
2081 ALCOHOLIC BEVERAGES	10,645	100	10,645				
2091 VEGETABLE OILS, MARG, SHORT	79	19	60				
2092 ANIMAL OILS AND FATS, NEC	8	8					
2099 MISCELLANEOUS FOOD PRODUCTS	3,953	1,511	2,442				
2111 TOBACCO MANUFACTURE	19,495	18,219	1,476				
2211 BASIC TEXTILE PRODUCTS	27,401	21,098	6,303				
2212 TEXTILE FIBERS, NEC	1,690		1,690				
2311 APPAREL	450	321	137				
2411 LOGS	945	945					
2421 LUMBER	10,255	7,203	2,972				
2431 VENEER, PLYWOOD, WORKED WOOD	7,756	5,327	4,829				
2491 WOOD MANUFACTURES, NEC	319	60	250				
2511 FURNITURE AND FIXTURES	1,373	507	786				
2611 PULP	13,210	13,150	60				
2631 PAPER AND PAPERBOARD	40,528	11,400	29,128				
2691 PULP AND PAPER PRODUCTS, NEC	743	723	20				
2711 PRINTED MATTER	461	435	26				
2812 DYES, PIGMENT, TANNING MATS	75	7					
2813 ALCOHOLS	1	1					
2816 RADIOACTIVE MATERIALS, WASTE	215		215				
2818 SULPHURIC ACID	42,495				3,955	30,125	9,815
2819 BASIC CHEMICALS AND PROD, NEC	147,418	17,728	45,344		700	2,109	81,505
2821 PLASTIC MATERIALS	18,470	17,792	678				
2822 SYNTHETIC RUBBER	6,141	6,141					
2823 SYNTHETIC (MAN-MADE) FIBERS	5,601	4,877	724				
2831 DRUGS	1,965	1,923	42				
2841 SOAP	1,160	1,104	56				
2851 PAINTS	1,178	221	957				
2861 GUM AND WOOD CHEMICALS	103	103					
2871 NITROGENOUS CHEM FERTILIZERS	470,429	280,056		51,072	4,800	134,501	
2876 INSECTICIDES, DISINFECTANTS	1,327	1,311	16				
2879 FERTILIZER AND MATERIALS, NEC	12,447	8,447				6,000	
2891 MISCELLANEOUS CHEMICAL PROD	4,035	3,829	206				
2911 GASOLINE	75,776	12	26,370			32,097	17,297
2912 JET FUEL	4,029						4,029
2913 KEROSENE	2,536						2,536
2914 DISTILLATE FUEL OIL	194,473				3,445	85,568	105,460
2915 RESIDUAL FUEL OIL	913,380		203,077		71,951	101,303	537,370
2916 LUBRICATING OILS AND GREASES	4,045	3,153					892
2918 ASPHALT, TAR, AND PITCHES	164,157				60,961		101,196
2920 COKE, PETROLEUM CONE	236,396	236,682				1,514	
2951 ASPHALT BUILDING MATERIALS	50	50					
2991 PETROLEUM AND COAL PROD, NEC	6,335	30	125				6,180
3011 RUBBER AND MISC PLASTIC PROD	2,361	1,245	1,116				
3111 LEATHER AND LEATHER PRODUCTS	162	143	19				
3211 GLASS AND GLASS PRODUCTS	1,954	1,670	84				
3241 BUILDING CEMENT	337	337					
3251 STRUCTURAL CLAY PRODUCTS	1,944	1,311	633				
3281 CUT STONE AND STONE PRODUCTS	97		97				
3291 MISC NONMETALLIC MINERAL PROD	973	927	46				
3314 IRON AND STEEL PRIMARY FORMS	2						
3315 IRON, STEEL SHAPES, EXC SHEET	7,406	6,194	1,212				
3316 IRON AND STEEL PLATES, SHEETS	10,367	10,308	59				
3317 IRON AND STEEL PIPE AND TUBE	8,527	7,887	640				
3318 FERROALLOYS	18	18					
3319 IRON AND STEEL PRODUCTS, NEC	2,454	2,287	167				

NORFOLK, VA, DISTRICT

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CHANNEL TO NEWPORT NEWS, VA.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		THROUGH		COASTWISE		INTERNAL	
		EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND	EASTBOUND	WESTBOUND
3321 NONFERROUS METALS, NEC	146	106	40				
3322 COPPER ALLOYS, UNWORKED	113	109	4				
3323 LEAD AND ZINC, UNWORKED	75	55	20				
3324 ALUMINUM AND ALLOYS, UNWORKED	704	189	605				
3411 FABRICATED METAL PRODUCTS	9,957	6,533	3,247				
3511 MACHINERY, EXCEPT ELECTRICAL	46,649	31,743	12,644		210	559	1,493
3611 ELECTRICAL MACH AND EQUIP	10,807	9,009	598			400	800
3711 MOTOR VEHICLES, PARTS, EQUIP	9,169	5,166	4,003				
3721 AIRCRAFT AND PARTS	28	28					
3731 SHIPS AND BOATS	67	49	18				
3791 MISC TRANSPORTATION EQUIPMENT	4,065	4,065					
3811 INSTR, TIME, PHOTO, OPT GOODS	1,509	1,392	117				
3911 MISC MANUFACTURED PRODUCTS	793	239	554				
4011 IRON AND STEEL SCRAP	16,050	16,050					
4012 NONFERROUS METAL SCRAP	1,378	1,378					
4022 TEXTILE WASTE, SCRAP, SHEEP	4,650	4,479	171				
4024 PAPER WASTE AND SCRAP	1,256	1,256					
4111 WATER	3,500						3,500
4112 COMMODITIES, NEC	1,567	285	1,282				
9999 DEPARTMENT OF DEFENSE AND DCI	3,353	3,353					
TOTAL TON-MILES:	125,280,402						

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 19,000 LINEAR FEET OF WATERFRONT AT NEWPORT NEWS; AND NEWPORT NEWS CREEK.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	11,491,290	92,676	1978	7,255,936	64,488
1974	17,682,615	85,800	1979	11,508,735	76,688
1975	17,258,771	63,188	1980	20,820,941	96,788
1976	13,344,253	45,270	1981	18,429,942	80,000
1977	8,730,346	128,924	1982	20,911,877	

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	
TOTAL	20,911,877	784,852	18,516,423	71,761	137,076	537,368
0103 CORN	2,447	2,042	5			
0106 SOYBEAN GRAINS	2		2			
0119 OILSEEDS, NEC	230		230			
0121 TOBACCO, LEAF	14,039	7,095	6,944			
0129 FIELD CROPS, NEC	81	66	15			
0133 COFFEE	447	447				
0161 ANIMALS AND PRODUCTS, NEC	917	76	841			
0191 MISCELLANEOUS FARM PRODUCTS	12	12				
0841 CRUDE RUBBER AND ALLIED GUMS	146,567	146,436	131			
0861 FOREST PRODUCTS, NEC	3,371	3,350	13			
0912 SHELLFISH, EXCEPT PREPARED	325				47	283
1011 IRON ORE AND CONCENTRATES	275		275			
1051 ALUMINUM ORES, CONCENTRATES	1		1			
1061 MANGANESE ORES, CONCENTRATES	207		207			
1091 NONFERROUS ORES, CONCENT, NEC	10		10			
1121 COAL AND LIGNITE	18,945,423		18,096,401		133,231	716,111
1311 CRUDE PETROLEUM	326,453	326,453				
1411 LIMESTONE	56		56			
1442 SAND, GRAVEL, CRUSHED ROCK	151,700		17		151,601	
1451 CLAY	156	52	104			
1499 NONMETALLIC MINERALS, NEC	275	4	271			
2011 ORDNANCE AND ACCESSORIES	2	2				
2011 MEAT, FRESH, CHILLED, FROZEN	40		40			
2014 TALLOW, ANIMAL FATS AND OILS	5,170		5,170			
2015 ANIMAL BY-PRODUCTS, NEC	58	38	20			
2022 DRIED MILK AND CREAM	1,379		1,379			
2034 VEGETABLES AND PREP, NEC	201	161	40			
2039 PREP FRUIT AND VEG JUICE, NEC	1,163	1,103	60			
2041 WHEAT FLOUR AND SEMOLINA	1,632		1,632			
2042 ANIMAL FEEDS	147		147			
2049 GRAIN MILL PRODUCTS, NEC	9,634		9,634			
2081 ALCOHOLIC BEVERAGES	4,759	4,674	85			
2091 VEGETABLE OILS, MARG, SHORT	79	60	19			
2099 MISCELLANEOUS FOOD PRODUCTS	2,840	2,435	405			
2111 TOBACCO MANUFACTURES	10,430	1,330	9,308			
2211 BASIC TEXTILE PRODUCTS	20,292	4,630	15,662			
2212 TEXTILE FIBERS, NEC	1,498	1,498				
2311 APPAREL	320	119	201			
2421 LUMBER	786	351	435			

Waterborne Commerce of the United States, 1982

PORT OF NEWPORT NEWS, VA.
(INCLUDING NEWPORT NEWS CREEK, VA.)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2431 VENEER, PLYWOOD, WORKED WOOD	4,432	4,429	3					
2491 WOOD MANUFACTURES, NEC	283	250	33					
2511 FURNITURE AND FIXTURES	1,137	741	396					
2611 PULP	5,794		5,794					
2631 PAPER AND PAPERBOARD	35,582	25,404	10,178					
2691 PULP AND PAPER PRODUCTS, NEC	557		557					
2711 PRINTED MATTER	304	19	287					
2812 DYES, PIGMENT, TANNING MATS	74		74					
2813 ALCOHOLS	1		1					
2816 RADIOACTIVE MATERIALS, WASTES	215	215						
2819 BASIC CHEMICALS AND PROD, NEC	6,432	1,225	5,407					
2821 PLASTIC MATERIALS	2,674	414	2,260					
2822 SYNTHETIC RUBBER	1,957		1,957					
2823 SYNTHETIC (MAN-MADE) FIBERS	4,354	708	3,648					
2831 DRUGS	350	42	308					
2841 SOAP	214	44	170					
2851 PAINTS	579	495	174					
2876 INSECTICIDES, DISINFECTANTS	481		481					
2879 FERTILIZER AND MATERIALS, NEC	6,447		6,447					
2891 MISCELLANEOUS CHEMICAL PROD	2,490	98	2,392					
2911 GASOLINE	26,382	26,370	12					
2912 JET FUEL	4,029					4,029		
2914 DISTILLATE FUEL OIL	66,346				3,645	55,039	9,371	
2915 RESIDUAL FUEL OIL	693,234	203,077		71,551		282,479	130,784	5,343
2916 LUBRICATING OILS AND GREASES	3,825		2,933			892		
2918 ASPHALT, TAR, AND BITUMENS	33,022					33,022		
2920 COKE, PETROLEUM COKE	236,376		234,862				1,514	
2951 ASPHALT BUILDING MATERIAL	50		50					
2991 PETROLEUM AND COAL PROD, NEC	6,245	35	30			6,180		
3011 RUBBER AND MISC PLASTIC PROD	1,651	699	952					
3111 LEATHER AND LEATHER PRODUCTS	162	19	143					
3211 GLASS AND GLASS PRODUCTS	543	84	459					
3241 BUILDING CEMENT	1		1					
3251 STRUCTURAL CLAY PRODUCTS	1,216		1,142					
3261 CUT STONE AND STONE PRODUCTS	77	77						
3291 MISC NONMETALLIC MINERAL PROD	701	38	663					
3314 IRON AND STEEL PRIMARY FORMS	2		2					
3315 IRON, STEEL SHAPES, ETC SHEET	6,643	674	6,169					
3316 IRON AND STEEL PLATES, SHEETS	10,339	59	10,280					
3317 IRON AND STEEL PIPE AND TUBE	8,525	640	7,885					
3319 IRON AND STEEL PRODUCTS, NEC	2,284	148	2,136					
3321 NONFERROUS METALS, NEC	144	40	104					
3322 COPPER ALLOYS, UNWORKED	109		109					
3323 LEAD AND ZINC, UNWORKED	54	20	34					
3324 ALUMINUM AND ALLOYS, UNWORKED	744	567	177					
3411 FABRICATED METAL PRODUCTS	8,458	2,646	5,670			142		
3511 MACHINERY, EXCEPT ELECTRICAL	43,796	11,047	30,487	210		1,552	500	
3611 ELECTRICAL MACH AND EQUIP	9,672	411	8,261			600	400	
3711 MOTOR VEHICLES, PARTS, EQUIP	3,415	277	3,138					
3721 AIRCRAFT AND PARTS	28		28					
3731 SHIPS AND BOATS	41	18	23					
3791 MISC TRANSPORTATION EQUIPMENT	4,040		4,040					
3811 INSTR, TIME, PHOTO, OPT GOODS	752	14	738					
3911 MISC MANUFACTURED PRODUCTS	340	217	123					
4011 IRON AND STEEL SCRAP	46		46					
4012 NONFERROUS METAL SCRAP	815		815					
4022 TEXTILE WASTE, SCRAP, SKEEP	1,288	171	1,117					
4111 WATER	3,500					3,500		
4112 COMMODITIES, NEC	1,029	794	235					
9999 DEPARTMENT OF DEFENSE AND SCI	3,230		3,230					

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), 21.1 FEET, THENCE TO A POINT 700 FEET DOWNSTREAM FROM LOCK, 18.0 FEET. PROJECT DEPTH: FROM THE MOUTH TO DEEPWATER TERMINAL (4.7 MILES BELOW RICHMOND), 35 FEET, THENCE 18 FEET TO THE RICHMOND LOCK. ALL AT MEAN LOW WATER. PROJECT LENGTH: 90.8 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS	YEAR	TONS	PASSENGERS	ADDITIONAL TRAFFIC AUTOMOBILES ACCOMPANYING PASSENGERS
1973	7,805,992	461,674	232,993	1978	7,619,573	767,723	389,712
1974	7,714,515	513,006	260,246	1979	7,918,482	842,267	391,322
1975	5,566,000	564,394	260,605	1980	7,853,114	915,413	365,379
1976	6,192,395	743,333	310,191	1981	6,342,269	965,161	386,053
1977	6,714,097	760,566	387,834	1982	6,070,085	986,914	394,757

NOTE: PASSENGER TOTALS ABOVE INCLUDE FERRY PASSENGERS.

NORFOLK, VA, DISTRICT

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JAMES RIVER, VA. (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1982

FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
TOTAL	510,611	109,576	401,035
0103 CORN	40		40
0119 OILSEEDS, NEC	727		727
0121 TOBACCO, LEAF	52,264	41,209	11,055
0131 FRESH FRUITS	4		4
0141 FRESH AND FROZEN VEGETABLES	524		524
0161 ANIMALS AND PRODUCTS, NEC	110		110
0841 CRUDE RUBBER AND ALLIED GUMS	29	29	
0861 FOREST PRODUCTS, NEC	46	46	
1121 COAL AND LIGNITE	1		1
1442 SAND, GRAVEL, CRUSHED ROCK	1,943	60	1,923
1451 CLAY	20		20
1499 NONMETALLIC MINERALS, NEC	1,770		1,770
2015 ANIMAL BY-PRODUCTS, NEC	5	5	
2042 ANIMAL FEEDS	5		146
2049 GRAIN MILL PRODUCTS, NEC	346		346
2062 MOLASSES	30		30
2081 ALCOHOLIC BEVERAGES	6,106	6,011	95
2092 ANIMAL OILS AND FATS, NEC	8		
2099 MISCELLANEOUS FOOD PRODUCTS	1,113		1,106
2111 TOBACCO MANUFACTURES	9,057	146	8,911
2211 BASIC TEXTILE PRODUCTS	7,109	1,673	5,436
2311 APPAREL	138	18	120
2411 LOGS	945		945
2421 LUMBER	9,469	2,621	6,848
2431 VENEER, PLYWOOD, WORKED WOOD	3,324		3,324
2491 WOOD MANUFACTURES, NEC	36		36
2511 FURNITURE AND FIXTURES	231	45	191
2611 PULP	7,416	60	7,356
2631 PAPER AND PAPERBOARD	4,946	3,724	1,222
2691 PULP AND PAPER PRODUCTS, NEC	166	20	146
2711 PRINTED MATTER	155	7	148
2812 DYES, PIGMENT, TANNING MATS	1		1
2819 BASIC CHEMICALS AND PROD, NEC	56,472	44,159	12,313
2821 PLASTIC MATERIALS	15,796	264	15,532
2822 SYNTHETIC RUBBER	4,284		4,284
2823 SYNTHETIC (MAN-MADE) FIBERS	1,245	16	1,229
2831 DRUGS	1,615		1,615
2841 SOAP	954	20	934
2851 PAINTS	599	552	47
2861 GUM AND WOOD CHEMICALS	103		103
2871 NITROGENOUS CHEM FERTILIZERS	280,056		280,056
2876 INSECTICIDES, DISINFECTANTS	846	16	830
2891 MISCELLANEOUS CHEMICAL PROD	1,545	108	1,437
2916 LUBRICATING OILS AND GREASES	220		220
2920 COKE, PETROLEUM COKE	20		20
2991 PETROLEUM AND COAL PROD, NEC	90	90	
3011 RUBBER AND MISC PLASTIC PROD	710	417	293
3211 GLASS AND GLASS PRODUCTS	1,411		1,411
3241 BUILDING CEMENT	336		336
3251 STRUCTURAL CLAY PRODUCTS	728	559	169
3281 CUT STONE AND STONE PRODUCTS	20		20
3291 MISC NONMETALLIC MINERAL PROD	272	8	264
3315 IRON, STEEL SHAPES, ETC SHEETS	543	538	25
3316 IRON AND STEEL PLATES, SHEETS	28		28
3317 IRON AND STEEL PIPE AND TUBE	2		2
3318 FERROALLOYS	18		18
3319 IRON AND STEEL PRODUCTS, NEC	170	19	151
3322 COPPER ALLOYS, UNWORKED	4	4	
3323 LEAD AND ZINC, UNWORKED	21		21
3326 ALUMINUM AND ALLOYS, UNWORKED	50	34	12
3411 FABRICATED METAL PRODUCTS	1,464	601	863
3412 MACHINERY, EXCEPT ELECTRICAL	2,853	1,597	1,256
3413 ELECTRICAL MACH AND EQUIP	935	187	748
3711 MOTOR VEHICLES, PARTS, EQUIP	5,754	3,726	2,028
3731 SHIPS AND BOATS	26		26
3791 MISC TRANSPORTATION EQUIPMENT	25		25
3811 INSTR, TIME, PHOTO, OPT GOODS	757	103	654
3911 MISC MANUFACTURED PRODUCTS	453	337	116
4011 IRON AND STEEL SCRAP	16,004		16,004
4012 NONFERROUS METAL SCRAP	563		563
4022 TEXTILE WASTE, SCRAP, SHEEP	3,362		3,362
4024 PAPER WASTE AND SCRAP	1,256		1,256
4112 COMMODITIES, NEC	536	484	50
9999 DEPARTMENT OF DEFENSE AND SCI	123		123

TON-MILES, FOREIGN, 38,606,968.

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			THROUGH UPBOUND	
		RECEIPTS	SHIPMENTS	INBOUND UPBOUND	OUTBOUND DOWNBOUND	UPBOUND		DOWNBOUND
TOTAL	5,559,474	145,474	51,072	1,290,613	3,632,140	422,025	184,179	33,971
0912 SMELT/FISH, EXCEPT PREPARED	510				510			
0931 MARINE SHELLS, UNMANUFACTURED	5,842			5,842				
1442 SAND, GRAVEL, CRUSHED ROCK	4,530,543			798,175	3,132,102	422,025	174,241	
1603 SULPHUR, LIQUID	71,958	71,958						

Waterborne Commerce of the United States, 1982

JAMES RIVER, VA. (CONSOLIDATED REPORT)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

DOMESTIC--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL		THROUGH UPGROUND	
		RECEIPTS	SHIPMENTS	INBOUND UPGROUND	OUTBOUND DOWNGROUND		UPGROUND
2810 SULPHURIC ACID-----	42,995	3,055		9,815	30,125		
2819 BASIC CHEMICALS AND PROD, NEC-----	84,314	700		81,505	2,109		
2871 NITROGENOUS CHEM FERTILIZERS-----	190,373	4,600	51,672		134,501		
2879 FERTILIZER AND MATERIALS, NEC-----	6,000				6,000		
2911 GASOLINE-----	49,394			17,297	32,097		
2913 KEROSENE-----	2,536				2,536		
2914 DISTILLATE FUEL OIL-----	146,156			56,928	83,290	5,938	
2915 RESIDUAL FUEL OIL-----	295,683			252,877	8,835		33,971
2918 ASPHALT, TAR, AND PITCHES-----	133,135	64,961		68,174			
3411 FABRICATED METAL PRODUCTS-----	35				35		
TON-MILES, DOMESTIC,	341,364,334.						
TONS, ALL TRAFFIC,	6,070,085.						
TON-MILES, ALL TRAFFIC,	379,971,302.						

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

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL	
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS		SHIPMENTS
TOTAL-----	1,071,828	67,326	126,945	64,961	603,685	125,769	3,142
0103 CORN-----	40		40				
0119 OILSEEDS, NEC-----	605		605				
0121 TOBACCO, LEAF-----	50,728	41,209	9,519				
0131 FRESH FRUITS-----	4		4				
0141 FRESH AND FROZEN VEGETABLES-----	403		403				
0161 ANIMALS AND PRODUCTS, NEC-----	83		83				
0841 CRUDE RUBBER AND ALLIED GUMS-----	29	29					
0861 FOREST PRODUCTS, NEC-----	66	66					
1121 COAL AND LIGNITE-----	1		1				
1442 SAND, GRAVEL, CRUSHED ROCK-----	424,808	60	1,923		422,025		
1451 CLAY-----	20		20				
1899 NONMETALLIC MINERALS, NEC-----	1,731		1,731				
2019 ANIMAL BY-PRODUCTS, NEC-----	5	5					
2042 ANIMAL FEEDS-----	156		156				
2049 GRAIN MILL PRODUCTS, NEC-----	346		346				
2062 MOLASSES-----	30		30				
2081 ALCOHOLIC BEVERAGES-----	6,075	6,011	64				
2092 ANIMAL OILS AND FATS, NEC-----	8		8				
2099 MISCELLANEOUS FOOD PRODUCTS-----	1,113	7	1,106				
2111 TOBACCO MANUFACTURES-----	8,940	146	8,794				
2211 BASIC TEXTILE PRODUCTS-----	6,704	1,473	5,031				
2311 APPAREL-----	170	18	120				
2411 LOGS-----	945		945				
2421 LUMBER-----	9,088	2,421	6,467				
2431 VENEER, PLYWOOD, WORKED WOOD-----	3,264		3,264				
2491 WOOD MANUFACTURES, NEC-----	36		36				
2511 FURNITURE AND FIXTURES-----	202	45	157				
2611 PULP-----	7,219	60	7,159				
2631 PAPER AND PAPERBOARD-----	4,944	3,724	1,222				
2691 PULP AND PAPER PRODUCTS, NEC-----	166	20	166				
2711 PRINTED MATTER-----	143	7	136				
2812 DYES, PIGMENT, TANNING MATS-----	1		1				
2819 BASIC CHEMICALS AND PROD, NEC-----	13,077	1,909	11,168				
2821 PLASTIC MATERIALS-----	14,390	264	14,126				
2822 SYNTHETIC RUBBER-----	3,899		3,899				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1,169	16	1,153				
2831 DRUGS-----	1,564		1,564				
2841 SOAP-----	890	20	870				
2851 PAINTS-----	599	552	47				
2861 GUM AND WOOD CHEMICALS-----	103		103				
2871 NITROGENOUS CHEM FERTILIZERS-----	13,304		13,304				
2876 INSECTICIDES, DISINFECTANTS-----	745	16	749				
2891 MISCELLANEOUS CHEMICAL PROD-----	1,545	108	1,437				
2911 GASOLINE-----	48,164				16,067	32,097	
2913 KEROSENE-----	2,536					2,536	
2914 DISTILLATE FUEL OIL-----	128,475				43,032	82,301	3,142
2915 RESIDUAL FUEL OIL-----	143,222				134,347	8,835	
2916 LUBRICATING OILS AND GREASES-----	220		220				
2918 ASPHALT, TAR, AND PITCHES-----	133,135			64,961		68,174	
2920 COKE, PETROLEUM COKE-----	20		20				
2991 PETROLEUM AND COAL PROD, NEC-----	90	90					
3011 RUBBER AND MISCELLANEOUS PLASTIC PROD-----	709	417	292				
3211 GLASS AND GLASS PRODUCTS-----	1,411		1,411				
3241 BUILDING CEMENT-----	336		336				
3251 STRUCTURAL CLAY PRODUCTS-----	729	559	169				
3281 CUT STONE AND STONE PRODUCTS-----	20	20					
3291 MISCELLANEOUS NONMETALLIC MINERAL PROD-----	272	8	264				
3315 IRON, STEEL SHAPES, EXC SHEET-----	563	538	25				
3316 IRON AND STEEL PLATES, SHEETS-----	20		20				
3317 IRON AND STEEL PIPE AND TUBE-----	2		2				
3318 FERROALLOYS-----	18		18				

NORFOLK, VA, DISTRICT

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

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	INTERNAL			
				COASTWISE RECEIPTS	RECEIPTS	SHIPMENTS	
3319 IRON AND STEEL PRODUCTS, NEC	170	19	151				
3322 COPPER ALLOYS, UNWORKED	4	4					
3323 LEAD AND ZINC, UNWORKED	21		21				
3324 ALUMINUM AND ALLOYS, UNWORKED	50	3A	12				
3411 FABRICATED METAL PRODUCTS	1,437	401	836				
3511 MACHINERY, EXCEPT ELECTRICAL	2,722	1,547	1,175				
3611 ELECTRICAL MACH AND EQUIP	850		472				
3711 MOTOR VEHICLES, PARTS, EQUIP	5,597	3,724	1,871				
3731 SHIPS AND BOATS	26		26				
3791 MISC TRANSPORTATION EQUIPMENT	25		25				
3811 INSTR, TIME, PHOTO, OPT GOODS	713	103	610				
3911 MISC MANUFACTURED PRODUCTS	453	337	116				
4011 IRON AND STEEL SCRAP	16,004		16,004				
4012 NONFERROUS METAL SCRAP	563		563				
4022 TEXTILE WASTE, SCRAP, SWEEP	2,803		2,803				
4024 PAPER WASTE AND SCRAP	1,123		1,123				
4112 COMMODITIES, NEC	530	48A	50				
9999 DEPARTMENT OF DEFENSE AND SCI	123		123				

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

FREIGHT TRAFFIC, 1982

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC		
		IMPORTS	EXPORTS	THROUGH		COASTWISE		THROUGH UPBOUND
				UPBOUND	DOWNBOUND	RECEIPTS	SHIPMENTS	
TOTAL	707,157	42,250	274,090	67,326	126,945	60,513	51,072	64,961
9103 CORN	40				40			
9119 OILSEEDS, NEC	727		122		605			
9121 TOBACCO, LEAF	52,268		1,536	41,209	9,519			
9131 FRESH FRUITS	8							
9132 FRESH AND FROZEN VEGETABLES	524		121		403			
9181 ANIMALS AND PRODUCTS, NEC	110		27		83			
9841 CRUDE RUBBER AND ALLIED GUMS	29			29				
9842 FOREST PRODUCTS, NEC	66			66				
1121 COAL AND LIGNITE	1				1			
1402 SAND, GRAVEL, CRUSHED ROCK	1,965			60	1,925			
1451 CLAY	20				20			
1493 SULPHUR, LIQUID	71,950					71,950		
1499 NONMETALLIC MINERALS, NEC	1,770		39		1,731			
2015 ANIMAL BY-PRODUCTS, NEC	5			5				
2042 ANIMAL FEEDS	156				156			
2049 GRAIN MILL PRODUCTS, NEC	346				346			
2062 MOLASSES	30				30			
2081 ALCOHOLIC BEVERAGES	6,106		31	6,011	64			
2092 ANIMAL OILS AND FATS, NEC	8				8			
2099 MISCELLANEOUS FOOD PRODUCTS	1,113			7	1,106			
2111 TOBACCO MANUFACTURES	9,057		117	146	8,794			
2211 BASIC TEXTILE PRODUCTS	7,109		405	1,673	5,031			
2311 APPAREL	138			18	120			
2411 LOGS	945				945			
2421 LUMBER	9,469		381	2,621	6,467			
2431 VENEER, PLYWOOD, WORKED WOOD	3,324		60		3,264			
2491 WOOD MANUFACTURES, NEC	36				36			
2511 FURNITURE AND FIXTURES	236		34	45	157			
2611 PULP	7,416		197	60	7,159			
2631 PAPER AND PAPERBOARD	4,946			3,724	1,222			
2691 PULP AND PAPER PRODUCTS, NEC	186			20	166			
2711 PRINTED MATTER	155		12	7	136			
2812 DYES, PIGMENT, TANNING MATS	1				1			
2816 SULPHURIC ACID	3,055					3,055		
2819 BASIC CHEMICALS AND PROD, NEC	97,172	42,250	1,145	1,900	11,164	700		
2821 PLASTIC MATERIALS	15,796		1,406	264	14,126			
2822 SYNTHETIC RUBBER	4,204		385		3,800			
2823 SYNTHETIC (MAN-MADE) FIBERS	1,205		76	14	1,153			
2851 DRUGS	1,415		51		1,364			
2861 SOAP	954		64	20	870			
2851 PAINTS	599			552	47			
2861 GUM AND WOOD CHEMICAL	103				103			
2871 NITROGENOUS CHEM FERTILIZERS	335,928		266,752		13,304	4,800	51,072	
2876 INSECTICIDES, DISINFECTANTS	846		81	16	749			
2891 MISCELLANEOUS CHEMICAL PROD	1,509			108	1,437			
2916 LUBRICATING OILS AND GREASES	220				220			
2918 ASPHALT, TAR, AND BITUMENS	64,961							64,961
2920 COKE, PETROLEUM COKE	20				20			
2991 PETROLEUM AND COAL PROD, NEC	90			90				
3011 RUBBER AND MISC PLASTIC PROD	710		1	417	292			
3211 GLASS AND GLASS PRODUCTS	1,411				1,411			
3201 BUILDING CEMENT	336				336			
3251 STRUCTURAL CLAY PRODUCTS	728			540	169			
3291 CRY STONE AND STONE PRODUCTS	20			20				
3291 MISC NONMETALLIC MINERAL PROD	272		8		264			
3319 IRON, STEEL SHAPES, ETC SHEET	563			538	25			

Waterborne Commerce of the United States, 1982

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

FREIGHT TRAFFIC, 1982--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN				DOMESTIC		
		IMPORTS	EXPORTS	THROUGH		RECEIPTS	SHIPMENTS	THROUGH UPBOUND
				UPBOUND	DOWNBOUND			
3316 IRON AND STEEL PLATES, SHEETS	28				28			
3317 IRON AND STEEL PIPE AND TUBE	2				2			
3318 FERROALLOYS	18				18			
3319 IRON AND STEEL PRODUCTS, NEC	170			19	151			
3322 COPPER ALLOYS, UNWORKED	4			4				
3323 LEAD AND ZINC, UNWORKED	21				21			
3324 ALUMINUM AND ALLOYS, UNWORKED	50			30	12			
3411 FABRICATED METAL PRODUCTS	1,464		27	601	836			
3511 MACHINERY, EXCEPT ELECTRICAL	2,853		131	1,597	1,125			
3611 ELECTRICAL MACH AND EQUIP	935		76	107	672			
3711 MOTOR VEHICLES, PARTS, EQUIP	5,754		157	3,726	1,871			
3731 SHIPS AND BOATS	26				26			
3791 MISC TRANSPORTATION EQUIPMENT	25				25			
3811 INSTR, TIME, PHOTO, OPT GOODS	757		44	103	610			
3911 MISC MANUFACTURED PRODUCTS	453			337	116			
4011 IRON AND STEEL SCRAP	16,004				16,004			
4012 NONFERROUS METAL SCRAP	543				543			
4022 TEXTILE WASTE, SCRAP, SHEEP	3,362		479		2,883			
4024 PAPER WASTE AND SCRAP	1,256		133		1,123			
4112 COMMODITIES, NEC	558			488	50			
4999 DEPARTMENT OF DEFENSE AND SCI	123				123			
TON-MILES, OCEANGOING,	53,912,004.							

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		DOWNBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND		UPBOUND	DOWNBOUND
TOTAL	5,399,706	1,028,953	2,796	422,025	3,307,167	178,241	298,631	122,973
0012 SHELLFISH, EXCEPT PREPARED	510				510			
0031 MARINE SHELLS, UNMANUFACTURED	5,062		5,062					
1442 SAND, GRAVEL, CRUSHED ROCK	4,538,543		798,175	422,025	3,132,102	178,241		
2010 SULPHURIC ACID	39,440		9,815		30,125			
2019 BASIC CHEMICALS AND PROD, NEC	83,614		81,505		2,109			
2071 NITROGENOUS CHEM FERTILIZERS	134,501				134,501			
2079 FERTILIZER AND MATERIALS, NEC	6,000				6,000			
2911 GASOLINE	89,399		1,230				16,067	32,097
2913 KEROSENE	2,536							2,536
2914 DISTILLATE FUEL OIL	143,014		13,806	2,796	5,785		43,032	79,505
2915 RESIDUAL FUEL OIL	295,683		118,490				168,358	8,835
2918 ASPHALT, TAR, AND BITUMENS	88,174						88,174	
2911 FABRICATED METAL PRODUCTS	35				35			
TON-MILES, INTERNAL,	324,954,086.							

TONS, ALL TRAFFIC, 6,066,943.
TON-MILES, ALL TRAFFIC, 377,966,178.

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, 2.0 MILES DOWNSTREAM TO THE MOUTH OF BAILEYS CREEK. CONTROLLING DEPTH: 25.0 FEET AT MEAN LOW WATER. PROJECT DEPTH: 35 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	1,096,968	1978	1,206,507
1974	1,196,622	1979	1,189,425
1975	1,233,679	1980	1,265,320
1976	1,491,251	1981	1,015,424
1977	1,111,457	1982	824,010

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
TOTAL	824,010	42,250	274,090	80,513	51,072	199,565	176,520
0119 OILSEEDS, NEC	122		122				
0121 TOBACCO, LEAF	1,536		1,536				
0141 FRESH AND FROZEN VEGETABLES	121		121				
0161 ANIMALS AND PRODUCTS, NEC	27		27				
1403 SULPHUR, LIQUID	71,958			71,958			

NORFOLK, VA, DISTRICT

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

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
1000 NONMETALLIC MINERALS, NEC	39		39				
2001 ALCOHOLIC BEVERAGES	31		31				
2111 TOBACCO MANUFACTURES	117		117				
2211 BASIC TEXTILE PRODUCTS	405		405				
2421 LUMBER	381		381				
2431 VENEER, PLYWOOD, WORKED WOOD	60		60				
2511 FURNITURE AND FIXTURES	34		34				
2611 PULP	197		197				
2711 PRINTED MATTER	12		12				
2810 SULPHURIC ACID	42,995			1,055		9,815	30,125
2819 BASIC CHEMICALS AND PROD, NEC	127,709	42,250	1,145	700		81,505	2,109
2821 PLASTIC MATERIALS	1,406		1,406				
2822 SYNTHETIC RUBBER	385		385				
2823 SYNTHETIC (MAN-MADE) FIBERS	76		76				
2831 DRUGS	51		51				
2841 SOAP	64		64				
2871 NITROGENOUS CHEM FERTILIZERS	457,125		266,752	4,800		51,072	134,501
2876 INSECTICIDES, DISINFECTANTS	81		81				
2879 FERTILIZER AND MATERIALS, NEC	6,000						6,000
2911 GASOLINE	1,230					1,230	
2914 DISTILLATE FUEL OIL	20,174					16,389	3,785
2915 RESIDUAL FUEL OIL	90,626					90,626	
3011 RUBBER AND MISC PLASTIC PROD	1		1				
3411 FABRICATED METAL PRODUCTS	27		27				
3511 MACHINERY, EXCEPT ELECTRICAL	131		131				
3611 ELECTRICAL MACH AND EQUIP	76		76				
3711 MOTOR VEHICLES, PARTS, EQUIP	157		157				
3811 INSTR, TIME, PHOTO, OPT GOODS	44		44				
4022 TEXTILE WASTE, SCRAP, SHEEP	479		479				
4024 PAPER WASTE AND SCRAP	133		133				

HAMPTON CREEK, VA.

SECTION INCLUDED: FROM THE CHANNEL ENTRANCE NEAR OLD POINT, VA., ACROSS HAMPTON BAR FLATS AND UP HAMPTON CREEK TO THE QUEEN STREET BRIDGE, A DISTANCE OF APPROXIMATELY 2.8 MILES. CONTROLLING DEPTH: 12.0 FEET AT MEAN LOW WATER. PROJECT DEPTH: 12 FEET AT MEAN LOW WATER. PROJECT LENGTH: 2.8 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	509,966	1,700	1978	338,544	
1974	477,308	1,660	1979	347,739	
1975	348,346	616	1980	433,002	
1976	293,710		1981	350,558	
1977	298,078		1982	343,370	

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	UPBOUND
TOTAL	383,370	362,181	1,189
0912 SHELLFISH, EXCEPT PREPARED	1,244	55	1,189
1442 SAND, GRAVEL, CRUSHED ROCK	351,161	351,161	
2911 GASOLINE	496		496
2915 KEROSENE	573		573
2914 DISTILLATE FUEL OIL	29,896	29,896	
TOTAL TON-MILES	1,139,562		

APPOMATTOX RIVER, VA.

SECTION INCLUDED: FROM MOUTH TO PETERSBURG, VIRGINIA, 11.0 MILES. CONTROLLING DEPTH: FROM THE MOUTH TO MILE POINT 7.4, 6 FEET; THENCE TO MILE POINT 8.5, 2.8 FEET; THENCE TO MILE POINT 11.0, 1.6 FEET. PROJECT DEPTH: 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	*	1978	870,444
1974	*	1979	761,269
1975	*	1980	1,133,366
1976	278,949	1981	835,031
1977	618,445	1982	832,146

* NO COMMERCE REPORTED

Waterborne Commerce of the United States, 1982

APPOMATTOX RIVER, VA.--CONTINUED

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL	832,146	33,971	798,175
1442 SAND, GRAVEL, CRUSHED ROCK	798,175		798,175
2915 RESIDUAL FUEL OIL	33,971	33,971	
TOTAL TON-MILES: 7,251,517.			

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

SECTION INCLUDED: NORFOLK, VA., NORTH CAROLINA LINE. CONTROLLING DEPTH: 12.0 FEET AT MEAN LOW WATER. PROJECT DEPTH: 12 FEET AT MEAN LOW WATER. PROJECT LENGTH: 33.8 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	1,371,716	146	1978	1,369,239	226
1974	1,118,231	110	1979	1,313,137	252
1975	1,187,187	238	1980	1,316,022	602
1976	1,576,292	145	1981	1,437,045	540
1977	1,229,332	638	1982	1,134,390	600

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL			
		THROUGH		OUTBOUND	THROUGH		THROUGH
		NORTHBOUND	SOUTHBOUND	NORTHBOUND	NORTHBOUND	SOUTHBOUND	SOUTHBOUND
TOTAL	1,134,390	35,092	5,799	25,708	419,983	446,317	261,491
0102 BARLEY AND RYE	1,289				1,289		
0103 CORN	65,661			12,838	52,823		
0107 WHEAT	35,701			6,016	29,685		
0111 SOYBEANS	61,250			6,852	54,398		
0911 FRESH FISH, EXCEPT SHELLFISH	38				38		
0912 SHELLFISH, EXCEPT PREPARED	14				14		
1091 NONFERROUS ORES, CONCENT, NEC	10,632						10,632
1442 SAND, GRAVEL, CRUSHED ROCK	305,112					305,112	
2061 SUGAR	11,385		11,385				
2099 MISCELLANEOUS FOOD PRODUCTS	3,600				3,600		
2416 WOOD CHIPS, STAVES, HOLDINGS	67,683				67,683		
2491 WOOD MANUFACTURES, NEC	41				41		
2611 PULP	94,994				94,994		
2631 PAPER AND PAPERBOARD	59,170				59,170		
2810 SODIUM HYDROXIDE	2,703		2,703				
2871 NITROGENOUS CHEM FERTILIZERS	7,008		4,360		2,648		
2879 FERTILIZER AND MATERIALS, NEC	15,970				15,970		
2911 GASOLINE	7,751				7,751		
2912 JET FUEL	146,811					141,203	5,608
2914 DISTILLATE FUEL OIL	2,275						2,275
2915 RESIDUAL FUEL OIL	59,974						59,974
2918 ASPHALT, TAR, AND PITCHES	1,980				1,980		
2920 COKE, PETROLEUM COKE	21,620						21,620
3312 SLAG	5,000		5,000				
3315 IRON, STEEL SHAPES, EXC SHEET	85,282				21,626		63,656
3316 IRON AND STEEL PLATES, SHEETS	1,818						1,818
3317 IRON AND STEEL PIPE AND TUBE	700						700
3318 FERROALLOYS	5,392				5,392		
3411 FABRICATED METAL PRODUCTS	1,746		1,412				334
3511 MACHINERY, EXCEPT ELECTRICAL	3,373		1,910	770		500	193
3611 ELECTRICAL MACH AND EQUIP	1,302		800			17	485
3721 AIRCRAFT AND PARTS	101			29			70
3731 SHIPS AND BOATS	12,522		12,522				
4011 IRON AND STEEL SCRAP	28,752						28,752
4024 PAPER WASTE AND SCRAP	1,505						1,505
4112 COMMODITIES, NEC	4,183						4,183
TOTAL TON-MILES, 21,181,629.							

NORFOLK, VA, DISTRICT

BLACKWATER RIVER, VA.

SECTION INCLUDED: MOUTH OF RIVER TO FRANKLIN, VA., 13.1 MILES VIA TWO CUTOFFS, CONTROLLING DEPTH: 7 FEET AT MEAN LOW WATER. PROJECT DEPTH: 12 FEET AT MEAN LOW WATER. PROJECT LENGTH: 13.1 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	260,809	1978	317,013
1974	217,988	1979	301,590
1975	215,125	1980	270,812
1976	265,078	1981	284,261
1977	254,536	1982	278,060

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	INTERNAL
	INBOUND
2415 PULPHOOD, LOGS	278,060
TOTAL TON-MILES, 3,614,780.	

YORK RIVER, VA.

SECTION INCLUDED: FROM THE MOUTH TO WEST POINT, VA., A DISTANCE OF 33.75 MILES, INCLUDING THE SOUTHERN AND WESTERN SHORELINE OF THE TOWN OF WEST POINT. CONTROLLING DEPTH: 17.4 FEET TO WEST POINT, 33 MILES ABOVE THE MOUTH. PROJECT DEPTH: 22 FEET. ALL AT MEAN LOW WATER. PROJECT LENGTH: 33.75 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	6,009,883		1978	9,632,000	820
1974	5,675,112	300	1979	7,891,260	1,745
1975	7,074,721	470	1980	7,278,620	2,853
1976	9,639,308	2,000	1981	5,568,714	2,800
1977	9,794,874	1,727	1982	4,777,714	2,199

FREIGHT TRAFFIC, 1982

FOREIGN

(SHORT TONS)

COMMODITY	TOTAL	IMPORTS	EXPORTS
TOTAL	2,371,824	2,330,706	41,118
1311 CRUDE PETROLEUM	2,102,766	2,102,766	
2411 LOGS	4,682		4,682
2611 PULP	28,868		28,868
2631 PAPER AND PAPERBOARD	7,568		7,568
2915 RESIDUAL FUEL OIL	227,940	227,940	
TON-MILES, FOREIGN, 18,974,592.			

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL					
		RECEIPTS	SHIPMENTS	INBOUND		DOWNBOUND		THROUGH	
				UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
TOTAL	2,403,890	217,863	1,063,066	486,701	517,609	96	36,320	9,514	114,721
0102 BARLEY AND RYE	15,468								15,468
0105 CORN	47,693								47,693
0107 WHEAT	14,179								14,179
0111 SOYBEANS	37,381								37,381
0911 FRESH FISH, EXCEPT SHELLFISH	60				60				
0912 SHELLFISH, EXCEPT PREPARED	13,895				1,061		96	12,738	
1311 CRUDE PETROLEUM	34,369	15,985		18,384					
2411 LOGS	4,689				4,689				
2415 PULPHOOD, LOGS	42,842			42,842					
2416 WOOD CHIPS, STAVES, HOLDINGS	195,101			195,101					
2617 BENZENE AND TOLUENE	22,631	6,195		16,436					
2871 NITROGENOUS CHEM FERTILIZERS	9,514							9,514	
2911 GASOLINE	786,173		720,228		65,945				
2912 JET FUEL	260,031	48,082		65,625					146,324
2913 KEROSENE	3,534		1,728		1,806				
2914 DISTILLATE FUEL OIL	494,309	7,086	341,040		8,285				117,971
2915 RESIDUAL FUEL OIL	423,489	140,395			99,596			20,087	
2916 LUBRICATING OILS AND GREASES	408				408			3,575	
3411 FABRICATED METAL PRODUCTS	16				16				
3511 MACHINERY, EXCEPT ELECTRICAL	70		70						

NORFOLK, VA, DISTRICT

(ITHFW MARKOPS AND WATERWAYS)

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS MILFS	PASSENGERS
PROJECT				
ARDEEN CREEK, VA.	NO COMMERCE REPORTED			
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT)				
DISMAL SWAMP AND PASQUOTANK RIVER	0102 BARLEY AND RYE	1,289		
	0103 CORN	39,950		
	0107 WHEAT	24,354		
	0111 SOYBEANS	42,537		
	0911 FRESH FISH, EXCEPT SHELLFISH	3A		
	0912 SHELLFISH, EXCEPT PREPARED	14		
	1499 NONMETALLIC MINERALS, NEC	407		
	2415 PULPWOOD, LOG	67,358		
	2416 WOOD CHIPS, STAVES, MOLDS	67,683		
	TOTAL	247,723	5,117,526	
BEACH CREEK, VA.	NO COMMERCE REPORTED			
BRUAD CREEK, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	2		
	0912 SHELLFISH, EXCEPT PREPARED	515		
	TOTAL	517	517	
CAPE CHARLES CITY HARBOR, VA.	0912 SHELLFISH, EXCEPT PREPARED	3,729		
	1442 SAND, GRAVEL, CRUSHED ROCK	74,986		
	2914 DISTILLATE FUEL OIL	67		
	2915 RESIDUAL FUEL OIL	505		
	3291 MISC NONMETALLIC MINERAL PROD	2,422		
	4112 COMMODITIES, NEC	31		
	TOTAL	81,734	245,214	2,180
CARTERS CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	758		
	2914 DISTILLATE FUEL OIL	435		
	TOTAL	1,193	1,193	
CHANNEL CONNECTING YORK RIVER, VA., WITH RACK CREEK TO SLIGHTS WHARF, VA.	0912 SHELLFISH, EXCEPT PREPARED	276	552	
CHANNEL FROM PHOENIX, VA. TO DEEP WATER IN HAMPTON ROADS, VA.	NO COMMERCE REPORTED			
CHESCONESSEX CREEK, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	73		
	0912 SHELLFISH, EXCEPT PREPARED	130		
	TOTAL	203	609	
CHINCOTEAGUE BAY, MD. AND VA.	0911 FRESH FISH, EXCEPT SHELLFISH	163		
	0912 SHELLFISH, EXCEPT PREPARED	2,250		
	TOTAL	2,422	27,663	1,788
CHINCOTEAGUE HARBOR OF REFUGE, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	380		
CRANES CREEK, VA.	NO COMMERCE REPORTED			
DAVIS CREEK, VA.	0911 FRESH FISH, EXCEPT SHELLFISH	10		
	0912 SHELLFISH, EXCEPT PREPARED	1,572		
	TOTAL	1,582	1,582	
DEEP CREEK, ACCOMACK COUNTY, VA.	0912 SHELLFISH, EXCEPT PREPARED	158	479	
DEEP CREEK, NEWPORT NEWS, VA.	0912 SHELLFISH, EXCEPT PREPARED	510	1,020	
DELAWARE BAY - CHESAPEAKE BAY WATERWAY - VIRGINIA PORTION	0911 FRESH FISH, EXCEPT SHELLFISH	1,105		
	0912 SHELLFISH, EXCEPT PREPARED	14,159		
	TOTAL	15,264	1,057,613	7,188
DYMONS CREEK, VA.	NO COMMERCE REPORTED			
GREENVALE CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	52	52	
HORN HARBOR, VA.	0912 SHELLFISH, EXCEPT PREPARED	94	294	
HOBKINS CREEK, VA.	0102 BARLEY AND RYE	3,752		
	0103 CORN	31,401		
	0107 WHEAT	13,508		
	0111 SOYBEANS	6,999		
	TOTAL	55,660	55,660	
JACKSON CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	31	31	240
KINGS CREEK, NORTHAMPTON COUNTY, VA.				870
LAFAYETTE RIVER, VA.	NO COMMERCE REPORTED			
LITTLE MACHIPONGO RIVER, VA.	0912 SHELLFISH, EXCEPT PREPARED	2,651	5,302	
LITTLE RIVER (CREEK), VA.	0912 SHELLFISH, EXCEPT PREPARED	60		
	1442 SAND, GRAVEL, CRUSHED ROCK	181,504		
	2914 DISTILLATE FUEL OIL	25,103		
	TOTAL	206,667	206,667	
LOCKLIES CREEK, VA.	0912 SHELLFISH, EXCEPT PREPARED	166	166	6,680

Waterborne Commerce of the United States, 1982

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT--CONTINUED				
LYNHAVEN ROADS, INLET, AND CONNECTING WATERS, VA.,-----	2915 RESIDUAL FUEL OIL-----	1,987	-----	-----
	2991 PETROLEUM AND COAL PROD, NEC-----	1,700	-----	-----
	TOTAL-----	3,687	5,387	600
MATTAPONI RIVER, VA.,-----	NO COMMERCE REPORTED			
MEHERRIN RIVER, N. C.,-----	NO COMMERCE REPORTED			
MILFORD HAVEN, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	292	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	2,147	-----	-----
	0931 MARINE SMELLS, UNMANUFACTURED-----	7,144	-----	-----
	TOTAL-----	9,623	17,437	-----
MILL CREEK, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	75	75	-----
MULBERRY CREEK, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	12	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	178	-----	-----
	TOTAL-----	190	190	-----
NANJUA CREEK, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	52	208	-----
NANSEMOND RIVER, VA.,-----	1442 SAND, GRAVEL, CRUSHED ROCK-----	124,832	2,122,144	-----
NEWPORT NEWS CREEK, VA. (INCLUDED IN PORT OF NEWPORT NEWS, VA.)-----	0912 SHELLFISH, EXCEPT PREPARED-----	325	-----	-----
	1442 SAND, GRAVEL, CRUSHED ROCK-----	139,313	-----	-----
	2914 DISTILLATE FUEL OIL-----	21,279	-----	-----
	TOTAL-----	159,917	159,917	-----
OCCOHANNOCK CREEK, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	35	210	-----
ONANCOCK RIVER, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	90	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	163	-----	-----
	2911 GASOLINE-----	4,631	-----	-----
	2913 KEROSENE-----	1,164	-----	-----
	2914 DISTILLATE FUEL OIL-----	11,281	-----	-----
TOTAL-----	17,329	66,432	-----	
OYSTER CHANNEL, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	428	428	-----
PAGAN RIVER, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	90	180	-----
PANUNKEY RIVER, VA.,-----	0102 BARLEY AND RYE-----	15,468	-----	-----
	0103 CORN-----	47,693	-----	-----
	0107 WHEAT-----	14,179	-----	-----
	0111 SOYBEANS-----	37,381	-----	-----
	2871 NITROGENOUS CHEM FERTILIZERS-----	9,514	-----	-----
	TOTAL-----	124,235	248,470	-----
PARKER CREEK, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	157	157	-----
PARROTT'S CREEK, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	43	43	-----
QUEENS CREEK, VA.,-----	NO COMMERCE REPORTED			
QUINBY CREEK, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	7	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	716	-----	-----
	TOTAL-----	723	723	840
RAPPAHANNOCK RIVER, VA.,-----	0102 BARLEY AND RYE-----	3,752	-----	-----
	0103 CORN-----	31,401	-----	-----
	0107 WHEAT-----	13,508	-----	-----
	0111 SOYBEANS-----	6,999	-----	-----
	0911 FRESH FISH, EXCEPT SHELLFISH-----	597	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	8,579	-----	-----
	0913 MENHADEN-----	304	-----	-----
	2415 PULPHOOD, LOG-----	11,382	-----	-----
2914 DISTILLATE FUEL OIL-----	435	-----	-----	
TOTAL-----	76,957	2,686,137	6,680	
STARLINGS CREEK, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	927	927	-----
TANSIER CHANNEL, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	1,667	-----	-----
	2911 GASOLINE-----	407	-----	-----
	2913 KEROSENE-----	338	-----	-----
	2914 DISTILLATE FUEL OIL-----	1,312	-----	-----
	4112 COMMODITIES, NEC-----	5	-----	-----
TOTAL-----	3,729	3,729	1,410	
TOTUSKEY CREEK, VA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	6	-----	-----
	2415 PULPHOOD, LOG-----	11,382	-----	-----
TOTAL-----	11,388	45,558	-----	
TYLERS BEACH, VA.,-----	NO COMMERCE REPORTED			
URBANNA CREEK, VA.,-----	NO COMMERCE REPORTED			
WILLOUGHBY CHANNEL, VA.,-----	0912 SHELLFISH, EXCEPT PREPARED-----	65	130	-----

NORFOLK, VA, DISTRICT

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OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
WINTER HARBOR, VA,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	10	-----	-----
	0912 SHELLFISH, EXCEPT PREPARED-----	265	-----	-----
	TOTAL-----	275	275	-----
WISBART POINT CHANNEL, VA,-----	NO COMMERCE REPORTED			

Waterborne Commerce of the United States, 1982
WILMINGTON, NC, DISTRICT

CHOWAN RIVER, N. C.

SECTION INCLUDED: FROM THE MOUTH AT EDENTON, N.C. TO ITS HEAD FORMED BY THE JUNCTIONS OF THE BLACKWATER AND NOTTOWAY RIVERS, 52 MILES.
 CONTROLLING DEPTH: 11 FEET. PROJECT DEPTH: 12 FEET DEEP, 80 FEET WIDE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	261,845	1976	320,171
1974	221,219	1977	303,196
1975	217,600	1980	273,229
1976	267,727	1981	286,675
1977	257,569	1982	262,536

FREIGHT TRAFFIC, 1982

DOMESTIC
 (SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		OUTBOUND	DOWNBOUND	THROUGH UPBOUND
TOTAL	262,536	44,926	2,492	234,628
0911 FRESH FISH, EXCEPT SMELLFISH	4,469	1,491	2,978	
0912 SMELLFISH, EXCEPT PREPARED	7	3	4	
2615 PULPHOOD, LOGS	278,060	43,432		234,628
TOTAL TON-MILES	12,911,639			

PAMLICO AND TAR RIVERS, N. C.

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, 6.8 FEET FROM WASHINGTON TO HARDEE CREEK; BRANCH CHANNELS RANGE FROM 1 TO 6 FEET. PROJECT DEPTHS: 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

YEAR	TONS	YEAR	TONS
1973	324	1976	1,269,756
1974	27,549	1977	1,321,361
1975	60,804	1980	846,583
1976	772,663	1981	1,293,610
1977	1,172,028	1982	1,457,050

FREIGHT TRAFFIC, 1982

DOMESTIC
 (SHORT TONS)

COMMODITY	TOTAL	INTERNAL		
		INBOUND	OUTBOUND	UPBOUND THROUGH UPBOUND
TOTAL	1,457,050	695,310	760,248	2,024
0911 FRESH FISH, EXCEPT SMELLFISH	312			311
0912 SMELLFISH, EXCEPT PREPARED	1,980			1,713
1493 SULPHUR, LIQUID	635,250	635,250		267
2619 BASIC CHEMICALS AND PROD, NEC	55,000		55,000	
2871 NITROGENOUS CHEM FERTILIZERS	2,648		2,648	
2876 FERTILIZER AND MATERIALS, NEC	702,600		702,600	
2915 RESIDUAL FUEL OIL	60,060	60,060		
TOTAL TON-MILES	36,594,550			

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

SECTION INCLUDED: ATLANTIC INTRACOASTAL WATERWAY, VIRGINIA STATE LINE TO SOUTH CAROLINA STATE LINE, INCLUDING WATERWAY TO JACKSONVILLE, N. C. CONTROLLING DEPTH: 9 FEET THROUGH THE WATERWAY AND 09 FEET TO JACKSONVILLE, N. C. PROJECT DEPTHS: 12 FEET, ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	2,435,638	78,646	1976	3,620,049	77,342
1974	2,606,099	56,548	1977	3,719,199	28,316
1975	2,635,948	96,819	1980	2,603,366	33,686
1976	2,975,815	153,944	1981	2,751,575	15,514
1977	3,343,634	62,883	1982	2,204,714	65,379

WILMINGTON, NC, DISTRICT

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

FREIGHT TRAFFIC, 1982

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE		
		THROUGH		
		SHIPMENTS	NORTHBOUND	SOUTHBOUND
TOTAL	40,242	40	39,403	799
2001 SUGAR	11,305		11,305	
2010 SODIUM HYDROXIDE	2,703		2,703	
2013 ALCOHOL	4,101		4,101	
2071 NITROGENOUS CHEM FERTILIZERS	4,360		4,360	
3411 FABRICATED METAL PRODUCTS	1,412		1,412	
3511 MACHINERY, EXCEPT ELECTRICAL	2,000		2,120	770
3611 ELECTRICAL MACH AND EQUIP	800		800	
3721 AIRCRAFT AND PARTS	69	40		29
3731 SHIPS AND BOATS	12,522		12,522	
TON-MILES, OCEANGOING,	11,250,971.			

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	NORTHBOUND	INBOUND		THROUGH		OUTBOUND		THROUGH SOUTHBOUND
			NORTHBOUND	SOUTHBOUND	NORTHBOUND	SOUTHBOUND			
TOTAL	2,164,474	1,007	4,162	12,025	1,142,016	3,177	27,240	1,225	972,014
0102 BARLEY AND RYE	1,289				1,289				
0103 CORN	52,823				48,964				
0107 WHEAT	29,683				29,683				
0111 SOYBEANS	54,398				46,636				
0911 FRESH FISH, EXCEPT SMELLFISH	44,232	1,020	1,100	400	8,953	1,470	21,391	307	10,382
0912 SMELLFISH, EXCEPT PREPARED	14,134	779	2,974		5,313	1,698	5,753	856	1,761
0913 MENHADEN	9,348						5,104	62	4,182
1001 NONFERROUS ORES, CONCENT, NEC	10,632								10,632
1403 SULPHUR, LIQUID	635,250				635,250				
1499 NONMETALLIC MINERALS, NEC	1,437				1,437				
2099 MISCELLANEOUS FOOD PRODUCTS	12,931				12,931				
2211 BASIC TEXTILE PRODUCTS	1,130				1,130				
2410 WOOD CHIPS, STAVES, HOLDINGS	47,603				47,603				
2491 WOOD MANUFACTURES, NEC	41				41				
2611 PULP	94,994				94,994				
2631 PAPER AND PAPERBOARD	59,170				59,170				
2810 BASIC CHEMICALS AND PROD, NEC	55,000								55,000
2871 NITROGENOUS CHEM FERTILIZERS	2,648				1,278				1,370
2879 FERTILIZER AND MATERIALS, NEC	703,970				11,405				692,565
2911 GASOLINE	7,751				7,751				
2912 JET FUEL	5,608								5,608
2914 DISTILLATE FUEL OIL	2,300				36				2,304
2915 RESIDUAL FUEL OIL	120,034				60,060				59,974
2918 ASPHALT, TAR, AND BITUMENS	1,980				1,980				
2920 COKE, PETROLEUM COKE	21,620								21,620
3201 MISC NONMETALLIC MINERAL PROD	50								50
3315 IRON, STEEL SHAPES, EXC SHEET	45,379				21,723				63,656
3316 IRON AND STEEL PLATES, SHEETS	1,818								1,818
3317 IRON AND STEEL PIPE AND TUBE	917				32				885
3318 FERROALLOYS	5,302				5,392				
3319 IRON AND STEEL PRODUCTS, NEC	17,820				17,820				
3411 FABRICATED METAL PRODUCTS	348				346				32
3511 MACHINERY, EXCEPT ELECTRICAL	1,183				877				306
3611 ELECTRICAL MACH AND EQUIP	502				17				485
3721 AIRCRAFT AND PARTS	70								70
3731 SHIPS AND BOATS	90								90
4011 IRON AND STEEL SCRAP	35,041								35,041
4024 PAPER WASTE AND SCRAP	1,505				1,505				
4112 COMMODITIES, NEC	4,183								4,183
TON-MILES, INTERNAL,	194,129,245.								
TONS, ALL TRAFFIC,	2,204,716.								
TON-MILES, ALL TRAFFIC,	205,380,216.								

MOREHEAD CITY HARBOR, N. C.

SECTION INCLUDED: MOREHEAD CITY HARBOR, N. C. CONTROLLING DEPTH: 40.0 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

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973	1,160,980	19,482	21,614	1978	3,343,434	64,488	18,991
1974	1,512,883	23,813	25,150	1979	3,500,907	16,684	48,499
1975	1,522,204	32,045	21,072	1980	3,019,777	114	80,410
1976	2,503,675	30,052	14,534	1981	3,089,850	12,540	143,483
1977	2,674,820	22,500	29,887	1982	3,690,281	21,500	40,915

Waterborne Commerce of the United States, 1982

MOREHEAD CITY HARBOR, N. C.--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS			RECEIPTS
TOTAL.....	3,690,261	262,294	1,194,242	750,751	17,150	750,924	695,660	19,260
0121 TOBACCO, LEAF.....	84,465	26,666	57,799					
0133 COFFEE.....	56							
0191 MISCELLANEOUS FARM PRODUCTS.....	3	3						
0841 FOREST PRODUCTS, NEC.....	7	7						
0911 FRESH FISH, EXCEPT SHELLFISH.....	1,417					1,417		
0912 SHELLFISH, EXCEPT PREPARED.....	49					49		
1121 COAL AND LIGNITE.....	299,149		299,149					
1471 PHOSPHATE ROCK.....	297,556		297,556					
1491 SALT.....	10,080	10,080						
1493 SULPHUR, LIQUID.....	1,127,196			491,946			635,250	
2042 ANIMAL FEEDS.....	32,576	32,576						
2211 BASIC TEXTILE PRODUCTS.....	807	653	154					
2311 APPAREL.....	17							
2411 LOGS.....	19,219	10	19,210					
2421 LUMBER.....	19,615		19,615					
2431 VENEER, PLYWOOD, WORKED WOOD.....	20		20					
2611 PULP.....	57,739		57,739					
2631 PAPER AND PAPERBOARD.....	11,901		11,901					
2819 BASIC CHEMICALS AND PROD, NEC.....	135,684	80,684				55,000		
2872 POTASSIC CHEM FERTILIZERS.....	53,056		53,056					
2873 PHOSPHATIC CHEM FERTILIZERS.....	221,732	7,000	195,472					19,260
2876 INSECTICIDES, DISINFECTANTS.....	3		3					
2879 FERTILIZER AND MATERIALS, NEC.....	886,996		182,146		16,890	688,000		
2891 MISCELLANEOUS CHEMICAL PROD.....	45		45					
2911 GASOLINE.....	33,633	30,919		2,714				
2912 JET FUEL.....	247,008			247,008				
2914 DISTILLATE FUEL OIL.....	2,275					2,275		
2915 RESIDUAL FUEL OIL.....	83,698	23,638					60,060	
2918 ASPHALT, TAR, AND BITUMES.....	58,757	49,674		9,083				
3011 RUBBER AND NIC PLASTIC PROD.....	135	40	95					
3317 IRON AND STEEL PIPE AND TUBE.....	14	14						
3411 FABRICATED METAL PRODUCTS.....	853	199	4		300		350	
3511 MACHINERY, EXCEPT ELECTRICAL.....	31	12	19					
3711 MOTOR VEHICLES, PARTS, EQUIP.....	1		1					
3911 MISC MANUFACTURED PRODUCTS.....	1	1						
4112 COMMODITIES, NEC.....	4,245	62				4,183		
9999 DEPARTMENT OF DEFENSE AND SCI.....	249		249					
TOTAL TON-MILES.....	12,937,231.							

PORT OF WILMINGTON, N. C.
(SEE ALSO WILMINGTON HARBOR, N. C. FOR WATERWAY DATA)

SECTION INCLUDED: BOTH BANKS OF THE CAPE FEAR RIVER EXTENDING FROM A POINT ABOUT 18 MILES BELOW THE FOOT OF CASTLE STREET 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 MILTON RAILROAD BRIDGE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS		YEAR	TONS	
	PASSENGERS			PASSENGERS	
1973.....	9,300,972	96,737	1978.....	9,212,517	109,431
1974.....	8,710,081	96,525	1979.....	9,576,644	101,754
1975.....	7,372,232	113,053	1980.....	7,876,488	107,145
1976.....	7,950,333	110,163	1981.....	7,873,616	127,179
1977.....	9,504,953	96,448	1982.....	5,661,499	129,883

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS			RECEIPTS
TOTAL.....	5,661,499	1,727,508	775,487	2,461,899	104,907	120,144	465,847	5,707
0101 COTTON, RAW.....	101		101					
0105 RICE.....	6,798		6,798					
0106 SOYBEAN GRAINS.....	2		2					
0111 SOYBEANS.....	1,736		1,736					
0119 OILSEEDS, NEC.....	696	17	679					
0121 TOBACCO, LEAF.....	93,466	21,270	70,266	1,930				
0129 FIELD CROPS, NEC.....	22	22						
0131 FRESH FRUITS.....	1,784		1,784					
0132 BAN-NAS AND PLANTAINS.....	14,897	14,897						
0133 COFFEE.....	242	227	15					
0141 FRESH AND FROZEN VEGETABLES.....	1,092	333	759					
0141 ANIMALS AND PRODUCTS, NEC.....	20,264	90	20,194					
0191 MISCELLANEOUS FARM PRODUCTS.....	77	77						
0841 CRUDE RUBBER AND ALLIED GUMS.....	47	47						
0841 FOREST PRODUCTS, NEC.....	145	144	1					
0912 SHELLFISH, EXCEPT PREPARED.....	40	10	30					
1011 IRON ORE AND CONCENTRATES.....	85,429	85,429						
1091 ALUMINUM ORES, CONCENTRATES.....	111	794	17					
1091 NONFERROUS ORES, CONCENT, NEC.....	75,256	75,256						

WILMINGTON, NC, DISTRICT

PORT OF WILMINGTON, N. C.
(SEE ALSO WILMINGTON HARBOR, N. C. FOR WATERWAY DATA)--CONTINUED

FREIGHT TRAFFIC, 1962--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
1411 LIMESTONE.....	177,524	177,473	51					
1402 SAND, GRAVEL, CRUSHED ROCK.....	1,083		1,083					
1451 CLAY.....	1,013		1,013					
1471 PHOSPHATE ROCK.....	20,142	20,142						
1479 NATURAL FERTILIZER MATS, NEC.....	2,950	2,950						
1491 SALT.....	151,724	151,724						
1499 NONMETALLIC MINERALS, NEC.....	1,477	221	1,256					
1911 ORDNANCE AND ACCESSORIES.....	261	2	259					
2011 MEAT, FRESH, CHILLED, FROZEN.....	9,970	152	8,918					
2012 MEAT AND PRODUCTS, NEC.....	254	112	142					
2015 ANIMAL BY-PRODUCTS, NEC.....	46		46					
2021 DAIRY PRODUCTS, NEC.....	891	37	854					
2022 DRIED MILK AND CREAM.....	10,896	46	10,760					
2031 FISH AND SHELLFISH, PREPARED.....	353	172	181					
2034 VEGETABLES AND PREP, NEC.....	2,822	2,361	461					
2039 PREP FRUIT AND VEG JUICE, NEC.....	3,244	3,157	87					
2041 WHEAT FLOUR AND BEROLINA.....	3,854		3,854					
2042 ANIMAL FEEDS.....	13,508	1	13,507					
2049 GRAIN MILL PRODUCTS, NEC.....	1,408	207	1,199					
2062 MOLASSES.....	36,262	28,194	8,068					
2081 ALCOHOLIC BEVERAGES.....	7,200	5,439	311	1,250				
2091 VEGETABLE OILS, MARG, SHORT.....	10,401	22	10,779					
2092 ANIMAL OILS AND FATS, NEC.....	32		32					
2099 MISCELLANEOUS FOOD PRODUCTS.....	13,542	2,456	1,755			9,331		
2111 TOBACCO MANUFACTURES.....	36,988	27,584	9,247	157				
2211 BASIC TEXTILE PRODUCTS.....	23,979	6,320	16,245	204		1,130		
2212 TEXTILE FIBERS, NEC.....	74		74					
2311 APPAREL.....	4,016	3,556	460					
2411 LOGS.....	1,467		886			581		
2414 WOOD CHIPS, STAVES, MOLDINGS.....	2	2						
2421 LUMBER.....	45,756	20,792	24,964					
2431 VENEER, PLYWOOD, WORKED WOOD.....	5,797	1,592	4,205					
2491 WOOD MANUFACTURES, NEC.....	509	285	215					
2511 FURNITURE AND FIXTURES.....	6,969	5,504	1,414	51				
2611 PULP.....	309,580		309,580					
2631 PAPER AND PAPERBOARD.....	43,192	1,455	43,486	251				
2691 PULP AND PAPER PRODUCTS, NEC.....	6,075	1,214	4,861					
2711 PRINTED MATTER.....	161	39	122					
2810 SODIUM HYDROXIDE.....	71,881			71,881				
2812 DYES, PIGMENT, TANNING MATS.....	32		32					
2813 ALCOHOLS.....	219,491			174,065			45,426	
2819 BASIC CHEMICALS AND PROD, NEC.....	1,255,205	230,027	47,166	716,444			255,697	5,707
2821 PLASTIC MATERIALS.....	5,269	1,441	3,807	21				
2822 SYNTHETIC RUBBER.....	12		12					
2823 SYNTHETIC (MAN-MADE) FIBERS.....	12,081	4,047	7,234					
2831 DRUGS.....	212	100	112					
2841 SOAP.....	492	223	669					
2851 PAINTS.....	2,442	2,103	539					
2861 GUM AND WOOD CHEMICAL.....	286		286					
2871 NITROGENOUS CHEM FERTILIZERS.....	56,060	46,460				9,600		
2873 PHOSPHATIC CHEM FERTILIZERS.....	84,080	84,073	7					
2874 INSECTICIDES, DISINFECTANTS.....	1,927	143	784					
2879 FERTILIZER AND MATERIALS, NEC.....	6,371	6,371						
2891 MISCELLANEOUS CHEMICAL PROD.....	3,065	466	2,599					
2911 GASOLINE.....	390,391	17,506	89	365,045			7,751	
2913 KEROSENE.....	23,439			23,439				
2914 DISTILLATE FUEL OIL.....	263,832		1	253,426	10,340	36	146,29	
2915 RESIDUAL FUEL OIL.....	1,154,081	544,483		393,423	68,150		146,025	
2916 LUBRICATING OILS AND GREASES.....	1,894	3	1,893					
2917 NAPHTHA, PETROLEUM SOLVENTS.....	133,360			133,360				
2918 ASPHALT, TAR, AND BITUMENS.....	304,810		27	302,803			1,980	
2920 COKE, PETROLEUM COKE.....	42		42					
2921 LIQUEFIED GASES.....	261		261					
2951 ASPHALT BUILDING MATERIALS.....	162		162					
2991 PETROLEUM AND COAL PROD, NEC.....	4,057	84		3,973				
3011 RUBBER AND MISC PLASTIC PROD.....	3,988	2,145	1,804	39				
3111 LEATHER AND LEATHER PRODUCTS.....	1,804	1,736	68					
3211 GLASS AND GLASS PRODUCTS.....	1,066	429	642					
3241 BUILDING CEMENT.....	107,317		7		16,770	90,740		
3251 STRUCTURAL CLAY PRODUCTS.....	705	394	311					
3281 CUT STONE AND STONE PRODUCTS.....	47							
3291 MISC NONMETALLIC MINERAL PROD.....	1,352	513	789				50	
3314 IRON AND STEEL PRIMARY FORMS.....	26,873	27	26,846					
3315 IRON, STEEL SHAPES, EXC SHEET.....	43,853	63,564	145	23			97	
3316 IRON AND STEEL PLATES, SHEETS.....	5,252		5,252					
3317 IRON AND STEEL PIPE AND TUBE.....	14,678	17,664	2,197			32	185	
3319 IRON AND STEEL PRODUCTS, NEC.....	20,144	2,321	5			17,820		
3321 NONFERROUS METALS, NEC.....	239	42	196					
3322 COPPER ALLOYS, UNWORKED.....	1,050	789	252	9				
3323 LEAD AND ZINC, UNWORKED.....	1,983	1,934	49					
3324 ALUMINUM AND ALLOYS, UNWORKED.....	2,795	2,554	151					
3411 FABRICATED METAL PRODUCTS.....	23,885	16,182	6,995	696			12	
3511 MACHINERY, EXCEPT ELECTRICAL.....	21,284	9,011	11,514	265		377	113	
3611 ELECTRICAL MACH AND EQUIP.....	5,892	1,491	4,270	41				
3711 MOTOR VEHICLES, PARTS, EQUIP.....	7,406	2,758	4,160	488				
3721 AIRCRAFT AND PARTS.....	1,306		1,305					
3731 SHIPS AND BOATS.....	2,181	5	2,054				90	
3791 MISC TRANSPORTATION EQUIPMENT.....	809		809					
3811 INSTR, TIME, PHOTO, OPT GOODS.....	179	73	106					
3911 MISC MANUFACTURED PRODUCTS.....	1,670	1,531	139					
4011 IRON AND STEEL SCRAP.....	8,359		2,070				6,289	
4012 NONFERROUS METAL SCRAP.....	1,476		1,476					
4022 TEXTILE WASTE, SCRAP, SHEEP.....	11,437		11,437					

Waterborne Commerce of the United States, 1982

PORT OF WILMINGTON, N. C.
(SEE ALSO WILMINGTON HARBOR, N. C. FOR WATERWAY DATA)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
4024 PAPER WASTE AND SCRAP-----	13,931		13,931					
4112 COMMODITIES, NEC-----	12,861	2,112	279	10,423	47			
9999 DEPARTMENT OF DEFENSE AND SCI-----	30,825		30,825					

WILMINGTON HARBOR, N. C.
(SEE ALSO PORT OF WILMINGTON, N. C. FOR PORT DATA)

SECTION INCLUDED: FROM 1.67 MILES ABOVE THE MILTON BRIDGE AT WILMINGTON TO THE OCEAN, 33.67 MILES. CONTROLLING DEPTH: 37.0 FEET TO THE FOURTH EAST JETTY CHANNEL; OTHER CHANNELS RANGE FROM 24 TO 29 FEET. PROJECT DEPTH: 38.5 FEET OVER OCEAN BAR TO SOUTHPORT; 38 FEET FROM SOUTHPORT TO WILMINGTON HARBOR ANCHORAGE BASIN; 32 FEET FROM ANCHORAGE BASIN TO MILTON R. R. BRIDGE; 25 FEET FROM MILTON R. R. BRIDGE TO 1.67 MILES ABOVE, ALL AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	10,061,882	97,883	1978-----	9,920,716	116,491
1974-----	9,381,342	100,543	1979-----	10,203,375	145,403
1975-----	7,939,207	116,891	1980-----	8,402,279	192,229
1976-----	8,682,623	123,487	1981-----	8,438,764	129,739
1977-----	10,000,290	104,432	1982-----	5,960,350	134,120

FREIGHT TRAFFIC, 1982

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	THROUGH	
						UPBOUND	DOWNBOUND
TOTAL-----	5,115,442	1,727,504	775,487	2,461,899	104,907	39,402	5,839
0101 COTTON, RAW-----	101		101				
0105 RICE-----	6,798		6,798				
0106 SOYBEAN GRAINS-----	2		2				
0111 SOYBEAN-----	1,736		1,736				
0119 DULSEEDS, NEC-----	694		17	679			
0121 TORACCO, LEAF-----	93,466	21,270	70,266	1,930			
0129 FIELD CROPS, NEC-----	22	22					
0131 FRESH FRUITS-----	1,784		1,784				
0132 BANANAS AND PLANTAINS-----	14,897	14,897					
0133 COFFEE-----	242		15				
0141 FRESH AND FROZEN VEGETABLES-----	1,092		333	759			
0141 ANIMALS AND PRODUCTS, NEC-----	20,244		90	20,194			
0191 MISCELLANEOUS FARM PRODUCTS-----	77		77				
0841 CRUDE RUBBER AND ALLIED GUMS-----	47		47				
0861 FOREST PRODUCTS, NEC-----	145		144	1			
0912 SHELLFISH, EXCEPT PREPARED-----	40		30				
1011 IRON ORE AND CONCENTRATES-----	85,429	85,429					
1051 ALUMINUM ORES, CONCENTRATES-----	811		794	17			
1091 NONFERROUS ORES, CONCENT, NEC-----	75,256	75,256					
1411 LIMESTONE-----	177,524		177,473	51			
1442 SAND, GRAVEL, CRUSHED ROCK-----	1,083			1,083			
1451 CLAY-----	1,013			1,013			
1471 PHOSPHATE ROCK-----	20,142		20,142				
1479 NATURAL FERTILIZER MATS, NEC-----	2,950		2,950				
1491 SALT-----	151,724		151,724				
1499 NONMETALLIC MINERALS, NEC-----	1,477		221	1,256			
1911 ORNANCE AND ACCESSORIES-----	261		2	259			
2011 MEAT, FRESH, CHILLED, FROZEN-----	9,070		152	8,914			
2012 MEAT AND PRODUCTS, NEC-----	254		112	142			
2015 ANIMAL BY-PRODUCTS, NEC-----	46		46				
2021 DAIRY PRODUCTS, NEC-----	891		37	854			
2022 DRIED MILK AND CREAM-----	10,806		46	10,760			
2031 FISH AND SHELLFISH, PREPARED-----	353		172	181			
2034 VEGETABLES AND PREP, NEC-----	2,822		2,361	461			
2039 PREP FRUIT AND VEG JUICE, NEC-----	3,244		3,157	87			
2041 WHEAT FLOUR AND SEMOLINA-----	3,854			3,854			
2042 ANIMAL FEEDS-----	13,504		1	13,507			
2049 GRAIN MILL PRODUCTS, NEC-----	1,406		207	1,199			
2061 SUGAR-----	11,385					11,385	
2062 MOLASSES-----	38,262		28,194				
2081 ALCOHOLIC BEVERAGES-----	7,200		5,639	311			
2091 VEGETABLE OILS, MARG, SHORT-----	10,801		22	10,779			
2092 ANIMAL OILS AND FATS, NEC-----	32		32				
2099 MISCELLANEOUS FOOD PRODUCTS-----	4,211		2,454	1,755			
2111 TOBACCO MANUFACTURES-----	36,988		27,584	9,247			
2211 BASIC TEXTILE PRODUCTS-----	22,849		6,520	14,245			
2212 TEXTILE FIBERS, NEC-----	74		74				
2311 APPAREL-----	4,016		3,556	460			
2411 LOGS-----	884			884			
2416 WOOD CHIPS, STAVES, WOLTINGS-----	2		2				
2421 LUMBER-----	45,756		20,792	24,964			
2431 VENEER, PLYWOOD, WORKED WOOD-----	5,797		1,592	4,205			
2491 WOOD MANUFACTURES, NEC-----	500		285	215			

WILMINGTON, NC, DISTRICT

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WILMINGTON HARBOR, N. C.
(SEE ALSO PORT OF WILMINGTON, N. C. FOR PORT DATA)--CONTINUED

FREIGHT TRAFFIC, 1962--CONTINUED

OCEANGOING--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC COASTWISE			
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	THROUGH	
						UPBOUND	DOWNBOUND
2511 FURNITURE AND FIXTURES	6,969	5,504	1,414	51			
2611 PULP	305,580		305,580				
2631 PAPER AND PAPERBOARD	45,192	1,455	43,484	251			
2691 PULP AND PAPER PRODUCTS, NEC	6,075	1,214	4,861				
2711 PRINTED MATTER	161	39	122				
2810 SODIUM HYDROXIDE	74,544			71,881		2,703	
2812 DYES, PIGMENT, TANNING MATS	32		32				
2813 ALCOHOLS	174,065			174,065			
2819 BASIC CHEMICALS AND PROD, NFC	988,161	238,027	47,166	716,468		4,500	
2821 PLASTIC MATERIALS	5,269	1,441	3,807	21			
2822 SYNTHETIC RUBBER	12		12				
2823 SYNTHETIC (MAN-MADE) FIBERS	12,981	4,447	7,234				
2831 DRUGS	212	100	112				
2841 SOAP	892	223	649				
2851 PAINTS	2,442	2,103	539				
2861 GUM AND WOOD CHEMICALS	286		286				
2871 NITROGENOUS CHEM FERTILIZERS	60,420	46,460			9,600	4,360	
2873 PHOSPHATIC CHEM FERTILIZERS	46,080	46,073	7				
2876 INSECTICIDES, DISINFECTANTS	927	143	784				
2879 FERTILIZER AND MATERIALS, NEC	6,371	6,371					
2891 MISCELLANEOUS CHEMICAL PROD	3,065	466	2,599				
2911 GASOLINE	382,640	17,506	89	365,045			
2913 KEROSENE	23,439			23,439			
2914 DISTILLATE FUEL OIL	263,767		1	253,426	10,340		
2915 RESIDUAL FUEL OIL	1,006,956	588,483		393,423	68,150		
2916 LUBRICATING OILS AND GREASES	1,896	3	1,893				
2917 NAPHTHA, PETROLEUM SOLVENTS	133,360			133,360			
2918 ASPHALT, TAR, AND PITCHES	302,830		27	302,803			
2920 COKE, PETROLEUM COKE	82						
2921 LIQUEFIED GASES	261		261				
2951 ASPHALT BUILDING MATERIALS	162		162				
2991 PETROLEUM AND COAL PROD, NEC	4,057	84		3,973			
3011 RUBBER AND MISC PLASTIC PROD	3,988	2,145	1,804	39			
3111 LEATHER AND LEATHER PRODUCTS	1,804	1,736	68				
3211 GLASS AND GLASS PRODUCTS	1,066	424	642				
3241 BUILDING CEMENT	16,777		7		16,770		
3251 STRUCTURAL CLAY PRODUCTS	705	394	311				
3281 CUT STONE AND STONE PRODUCTS	47	47					
3291 MISC NONMETALLIC MINERAL PROD	1,302	513	789				
3312 SLAG	5,000						5,000
3314 IRON AND STEEL PRIMARY FORMS	26,873	27	26,846				
3315 IRON, STEEL SHAPES, EXC SHEET	63,756	63,566	165	23			
3316 IRON AND STEEL PLATES, SHEETS	5,252		5,252				
3317 IRON AND STEEL PIPE AND TUBE	19,661	17,464	2,197				
3319 IRON AND STEEL PRODUCTS, NEC	2,326	2,321	5				
3321 NONFERROUS METALS, NEC	238	82	196				
3322 COPPER ALLOYS, UNWORKED	1,950	789	252				
3323 LEAD AND ZINC, UNWORKED	1,983	1,434	48				
3324 ALUMINUM AND ALLOYS, UNWORKED	2,705	2,554	151				
3411 FABRICATED METAL PRODUCTS	25,285	16,182	6,995	496		1,412	
3511 MACHINERY, EXCEPT ELECTRICAL	23,884	9,011	11,518	265		2,120	770
3611 ELECTRICAL MACH AND EQUIP	6,602	1,491	4,270	41		800	
3711 MOTOR VEHICLES, PARTS, EQUIP	7,406	2,758	4,100	488			
3721 AIRCRAFT AND PARTS	1,375	1	1,305				69
3731 SHIPS AND BOATS	14,581	5	2,054			12,522	69
3791 MISC TRANSPORTATION EQUIPMENT	809		809				
3811 INSTR, TIME, PHOTO, OPT GOODS	179	73	106				
3911 MISC MANUFACTURED PRODUCTS	1,670	1,531	139				
4011 IRON AND STEEL SCRAP	2,070		2,070				
4012 NONFERROUS METAL SCRAP	1,476		1,476				
4022 TEXTILE WASTE, SCRAP, SWEEP	11,437		11,437				
4024 PAPER WASTE AND SCRAP	13,931		13,931				
4112 COMMODITIES, NEC	12,861	2,112	279	10,425		47	
9999 DEPARTMENT OF DEFENSE AND SCI	39,825		39,825				
TOTAL	143,551,379						

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND
TOTAL	846,908	31,727	90,968	308,339	157,908	5,707	122,549
0911 FRESH FISH, EXCEPT SHELLFISH	11,205	2,318	36				8,851
0912 SHELLFISH, EXCEPT PREPARED	228	5	192				31
0913 MEAT	4,104						4,104
1091 NONFERROUS ORES, CONCENT, NEC	10,632						10,632
2099 MISCELLANEOUS FOOD PRODUCTS	12,931	9,331					3,600
2211 BASIC TEXTILE PRODUCTS	1,130	1,130					
2411 LOGS	581	581					
2491 WOOD MANUFACTURES, NEC	41						41
2611 PULP	94,994						94,994
2631 PAPER AND PAPERBOARD	2,633						2,633
2813 ALCOHOLS	45,424			44,278	1,148		
2819 BASIC CHEMICALS AND PROD, NEC	261,604			255,807		5,707	
2879 FERTILIZER AND MATERIALS, NFC	1,370						1,370

Waterborne Commerce of the United States, 1982

WILMINGTON HARBOR, N. C.
(SEE ALSO PORT OF WILMINGTON, N. C. FOR PORT DATA)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

INTERNAL--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	INBOUND		OUTBOUND		UPBOUND	THROUGH	
		UPBOUND	DOWNBOUND	UPBOUND	DOWNBOUND		UPBOUND	DOWNBOUND
2911 GASOLINE	7,751				7,751			
2914 DISTILLATE FUEL OIL	65	36			29			
2915 RESIDUAL FUEL OIL	148,025			8,164	139,861			
2918 ASPHALT, TAR, AND PITCHES	1,980				1,980			
2920 COKE, PETROLEUM COKE	20,299							20,299
3241 BUILDING CEMENT	90,740		90,740					
3291 MISC NONMETALLIC MINERAL PROD	50				50			
3315 IRON, STEEL SHAPES, EXC SHEET	63,753	97						63,656
3316 IRON AND STEEL PLATES, SHEETS	1,818							1,818
3317 IRON AND STEEL PIPE AND TUBE	917	32			185			700
3318 FERROALLOYS	5,392							5,392
3319 IRON AND STEEL PRODUCTS, NEC	17,820	17,820						
3411 FABRICATED METAL PRODUCTS	88				12		16	20
3511 MACHINERY, EXCEPT ELECTRICAL	1,183	377			113		900	193
3621 ELECTRICAL MACH AND EQUIP	502						17	485
3721 AIRCRAFT AND PARTS	50							50
3731 SHIPS AND BOATS	90				90			
4011 IRON AND STEEL SCRAP	35,041				6,289			28,752
4024 PAPER WASTE AND SCRAP	1,505							1,505
TON-MILES, INTERNAL,	5,273,336.							

TONS, ALL TRAFFIC, 5,960,350.
TON-MILES, ALL TRAFFIC, 148,804,715.

NORTHEAST (CAPE FEAR) RIVER, N. C.

SECTION INCLUDED: FROM 1.67 MILES ABOVE MILTON 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 CROOKS 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

YEAR	TONS	YEAR	TONS
1973	554,598	1978	479,042
1974	499,567	1979	597,396
1975	442,999	1980	379,781
1976	495,440	1981	476,389
1977	377,467	1982	390,915

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL	
		INBOUND	OUTBOUND
TOTAL	390,915	300,175	90,740
2013 ALCOHOLS	44,278	44,278	
2819 BASIC CHEMICALS AND PROD, NEC	255,897	255,897	
3241 BUILDING CEMENT	90,740		90,740
TOTAL TON-MILES,	3,769,375.		

WILMINGTON, NC, DISTRICT

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ATLANTIC BEACH CHANNELS, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	3,240	3,240	15,000
AVON HARBOR, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	1,231		
	0912 SHELLFISH, EXCEPT PREPARED	279		
	TOTAL	1,510	4,530	
MAY RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	7,564		
	0912 SHELLFISH, EXCEPT PREPARED	573		
	TOTAL	8,137	97,120	
REARPORT HARBOR, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	54,484		
	0912 SHELLFISH, EXCEPT PREPARED	2,200		
	0913 MEAT	16,004		
	2631 PAPER AND PAPERBOARD	5,844		
	TOTAL	84,014	134,651	
HELVEN HARBOR, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	2,454		
	0912 SHELLFISH, EXCEPT PREPARED	3,059		
	TOTAL	5,515		774
CAMP FEAR RIVER ABOVE WILMINGTON, N. C.	2411 LOGS	581		
	2813 ALCOHOLS	40,566		
	2819 BASIC CHEMICALS AND PRIM, NEC	4,500		
	2915 RESIDUAL FUEL OIL	144,025		
	TOTAL	193,672	4,631,610	
CASHIE RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	1,491		
	0912 SHELLFISH, EXCEPT PREPARED	3		
	TOTAL	1,494	17,024	
CHANNEL CONNECTING THROUGHFARE RAY WITH CEDAR HAV, N. C.	NO COMMERCE REPORTED			
CHANNEL FROM PACE SHED TO LOOKOUT MOUNT, N. C.	NO COMMERCE REPORTED			
CHANNEL FROM PAMlico SHED TO RODANthe, N. C.	NO COMMERCE REPORTED			
CHANNEL TO POGUE INLET, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	1,424		
	0912 SHELLFISH, EXCEPT PREPARED	521		
	TOTAL	1,945	906	12,038
DRUM INLET, N. C.	NO COMMERCE REPORTED			
EDENTON HARBOR, N. C.	1499 NONMETALLIC MINERALS, NEC	466		
	2415 PULPHOOD, LOG	70,961		
	TOTAL	71,427	71,427	
FAR CREEK, N. C.	0103 CORN	9,005		
	0107 WHEAT	1,325		
	0111 SOYBEANS	4,099		
	0911 FRESH FISH, EXCEPT SHELLFISH	1,333		
	0912 SHELLFISH, EXCEPT PREPARED	1,841		
	TOTAL	17,603	52,920	
KNOXES CREEK, N. C.	2416 WOOD CHIPS, STAVES, HOLDINGS	67,683	76,284	
LOCKWOODS FOLLY RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	123		
	0912 SHELLFISH, EXCEPT PREPARED	1,263		
	TOTAL	1,386	15,232	
MACRAY CREEK, N. C.	NO COMMERCE REPORTED			
MANNS HARBOR, N. C.	NO COMMERCE REPORTED			
MATEO (SHALLOW) HAV, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	92,466		
	0912 SHELLFISH, EXCEPT PREPARED	1,089		
	TOTAL	94,355	452,414	340
NEUSE RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	10,051		
	0912 SHELLFISH, EXCEPT PREPARED	4,197		
	0913 MEAT	4,182		
	1499 NONMETALLIC MINERALS, NEC	1,437		
	2912 JET FUEL	5,404		
	3721 AIRCRAFT AND PARTS	20		
	TOTAL	33,495	601,264	
NEW RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	2,474		
	0912 SHELLFISH, EXCEPT PREPARED	1,057		
	3721 AIRCRAFT AND PARTS	40		
	TOTAL	3,571	6,406	90
OCHONCE INLET, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	21,325		
	0912 SHELLFISH, EXCEPT PREPARED	363		
	TOTAL	21,688	43,374	31,872

Waterborne Commerce of the United States, 1982

OTHER HARBORS AND WATERWAYS--CONTINUED

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT--CONTINUED				
PENNINGANS RIVER, N. C.	NO COMMERCE REPORTED			
ROANOKE RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	1,693		
	0912 SHELLFISH, EXCEPT PREPARED	3		
	1499 NONMETALLIC MINERALS, NEC	484		
	2412 RAFTED LOGS	331		
	2415 PULPHOOD, LOG	96,309		
	2915 RESIDUAL FUEL OIL	59,974		
	3511 MACHINERY, EXCEPT ELECTRICAL	210		
	TOTAL	159,004	4,569,935	
ROLLINSON CHANNEL, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	417	1,251	350
SCUPPERNON RIVER, N. C.	NO COMMERCE REPORTED			
SHALLOTTE RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	5		
	0912 SHELLFISH, EXCEPT PREPARED	367		
	TOTAL	372	3,308	
SILVER LAKE HARBOR, N. C.				201,512
SMITHS CREEK (PAMLICO COUNTY), N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	12,953		
	0912 SHELLFISH, EXCEPT PREPARED	2,873		
	TOTAL	15,826	142,434	
SMITHS CREEK (WILMINGTON), N. C.	2411 LOGS	581	1,162	
SOUTH RIVER, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	1		
	0912 SHELLFISH, EXCEPT PREPARED	267		
	TOTAL	268	3,216	
STUMPY POINT BAY, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	9,622		
	0912 SHELLFISH, EXCEPT PREPARED	497		
	TOTAL	10,119	20,238	
TRENT RIVER, N. C.	1499 NONMETALLIC MINERALS, NEC	1,437	1,437	
WANCHUSE HARBOR, N. C. (INCLUDED IN HAYTFO (SHALLOWBAG) BAY, N. C.)	0911 FRESH FISH, EXCEPT SHELLFISH	35,948		
	0912 SHELLFISH, EXCEPT PREPARED	470		
	TOTAL	36,427	36,427	360
WATERWAY - NORFOLK, VA. TO SOUNDS OF NORTH CAROLINA	0103 CORN	9,005		
	0107 WHEAT	1,325		
	0111 SOYBEANS	4,099		
	TOTAL	14,429	360,725	
WATERWAY CONNECTING PAMLICO SOUND AND BEAUFORT HARBOR, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	49,990		
	0912 SHELLFISH, EXCEPT PREPARED	2,982		
	0913 MENHADEN	3,693		
	TOTAL	56,665	809,282	6,200
WATERWAY CONNECTING SWAN QUARTER BAY WITH DEEP BAY, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	559		
	0912 SHELLFISH, EXCEPT PREPARED	482		
	TOTAL	1,041	2,082	35,957
WRIGHTS CREEK, N. C.	0911 FRESH FISH, EXCEPT SHELLFISH	268		
	0912 SHELLFISH, EXCEPT PREPARED	3,271		
	TOTAL	3,539	3,539	

CHARLESTON, SC, DISTRICT

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ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND
THE ST. JOHN'S RIVER, FLA. (CHARLESTON DISTRICT)

SECTION INCLUDED: FROM LITTLE RIVER, S. C. TO PORT ROYAL SOUND, S. C., WITH A BRANCH CHANNEL TO MCCLELLANVILLE, S. C. CONTROLLING DEPTH: 10 FEET AT MEAN LOW WATER FOR 90' WIDTH FROM LITTLE RIVER TO WINYAM BAY; 8 FEET FOR 90' WIDTH FROM WINYAM BAY TO CHARLESTON; 9 FEET FOR 90' WIDTH IN MCCLELLANVILLE BRANCH CHANNEL AND 9 FEET FOR 90' WIDTH FROM CHARLESTON TO PORT ROYAL SOUND. PROJECT DEPTH: 12 FEET AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	1,614,002	146	1978	1,659,147	26,213
1974	1,593,801	118	1979	1,981,035	92,319
1975	1,404,608	360	1980	1,417,224	17,524
1976	1,404,608	148	1981	1,244,971	99,004
1977	1,357,140	971	1982	563,552	84,482

FREIGHT TRAFFIC, 1982

OCEANGOING (SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE THROUGH	
		NORTHBOUND	SOUTHBOUND
		47,479	41,621
TOTAL			
2861 SUGAR	11,385	11,385	
2810 SODIUM HYDROXIDE	2,703	2,703	
2813 ALCOHOLS	4,101	4,101	
2871 NITROGENOUS CHEM FERTILIZERS	4,360	4,360	
3312 SLAG	5,000		5,000
3411 FABRICATED METAL PRODUCTS	1,412	1,412	
3511 MACHINERY, EXCEPT ELECTRICAL	5,110	4,348	770
3611 ELECTRICAL MACH AND EQUIP	800	800	
3721 AIRCRAFT AND PARTS	69		69
3731 SHIPS AND BOATS	12,522	12,522	
TON-MILES, OCEANGOING,	9,683,306,		

INTERNAL (SHORT TONS)

COMMODITY	TOTAL	INBOUND			OUTBOUND		
		NORTHBOUND	NORTHBOUND	THROUGH NORTHBOUND	SOUTHBOUND	SOUTHBOUND	THROUGH SOUTHBOUND
TOTAL	516,082	966	3,554	309,592	144	2,450	40
0133 COFFEE	810						810
0911 FRESH FISH, EXCEPT SHELLFISH	27		2	1		16	8
0912 SHELLFISH, EXCEPT PREPARED	7,329	966	3,554	183	144	2,434	40
1091 NONFERROUS ORES, CONCENT, NEC	10,632						10,632
2099 MISCELLANEOUS FOOD PRODUCTS	20,109			20,109			
2211 BASIC TEXTILE PRODUCTS	6,772			3,170			3,602
2491 WOOD MANUFACTURES, NEC	41			41			
2611 PULP	102,869			101,794			1,095
2631 PAPER AND PAPERBOARD	60,537			59,170			1,367
2879 FERTILIZER AND MATERIALS, NEC	1,370			1,370			
2911 GASOLINE	4,627			4,627			
2914 DISTILLATE FUEL OIL	225			194			29
2920 COKE, PETROLEUM COKE	20,299						20,299
3291 MISC NONMETALLIC MINERAL PROD	50						50
3315 IRON, STEEL SHAPES, EXC SHEET	95,271			21,723			73,548
3316 IRON AND STEEL PLATES, SHEETS	1,818						1,818
3317 IRON AND STEEL PIPE AND TUBE	2,017			1,072			945
3318 FERROALLOYS	5,392			5,392			
3319 IRON AND STEEL PRODUCTS, NEC	27,958			27,958			
3411 FABRICATED METAL PRODUCTS	6,940			3,355			3,585
3511 MACHINERY, EXCEPT ELECTRICAL	2,120			1,316			804
3611 ELECTRICAL MACH AND EQUIP	852			17			835
3721 AIRCRAFT AND PARTS	50						50
3731 SHIPS AND BOATS	90						90
4011 IRON AND STEEL SCRAP	35,041						35,041
4024 PAPER WASTE AND SCRAP	1,505						1,505
4112 COMMODITIES, NEC	90,311			56,098			43,213
TON-MILES, INTERNAL,	76,058,513.						

TONS, ALL TRAFFIC, 563,552.
TON-MILES, ALL TRAFFIC, 85,741,819.

Waterborne Commerce of the United States, 1982

GEORGETOWN HARBOR, S. C. (MINYAH BAY)

SECTION INCLUDED: ATLANTIC OCEAN ENTRANCE TO MINYAH BAY, S. C., TO AND INCLUDING TURNING BASIN IN SAMPIT RIVER AT THE CITY OF GEORGETOWN, S. C. CONTROLLING DEPTH: 24.0 FEET AT MEAN LOW WATER FOR 400-FOOT WIDTH FROM THE OCEAN THROUGH THE GORG CHANNEL; THENCE 25 FEET FOR 400-FOOT WIDTH TO MOUTH OF SAMPIT RIVER; THENCE 20 FEET FOR 300-FOOT WIDTH TO HEAD OF THE PROJECT; SAMPIT RIVER BYPASS CHANNEL 9.0 FEET FOR 100-FOOT WIDTH. PROJECT DEPTH: 27 FEET AT MEAN LOW WATER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973	1,485,731	500	490,684	1978	1,146,490	25,540	598,784
1974	1,619,986	422	488,770	1979	1,381,686	41,919	646,583
1975	1,359,697	242	412,576	1980	1,045,361	15,542	537,123
1976	1,666,420	136	443,372	1981	746,157	38,218	537,283
1977	1,380,577	324	417,763	1982	271,296	36,675	284,837

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS
TOTAL	271,296	61,060	76,171	64,609	36,571	32,885
0911 FRESH FISH, EXCEPT SHELLFISH	18					18
0912 SHELLFISH, EXCEPT PREPARED	191					191
1411 LIMESTONE	28,351		28,351			
1499 NONMETALLIC MINERALS, NEC	16,645		16,645			
2039 PREP. FRUIT AND VEG JUICE, NEC	20		20			
2211 BASIC TEXTILE PRODUCTS	186		186			
2421 LUMBER	15,802	15,740	34			
2431 VENEER, PLYWOOD, WORKED WOOD	147	147				
2511 FURNITURE AND FIXTURES	10		10			
2631 PAPER AND PAPERBOARD	38,713		37,346			1,367
2711 PRINTED MATTER	2		2			
2876 INSECTICIDES, DISINFECTANTS	1		1			
2891 MISCELLANEOUS CHEMICAL PROD.	52		52			
2915 RESIDUAL FUEL OIL	50,162			50,162		
2916 LUBRICATING OILS AND GREASES	13		13			
2920 COKE, PETROLEUM COKE	1,321					1,321
3011 RUBBER AND MISC PLASTIC PROD.	26		26			
3314 IRON AND STEEL PRIMARY FORMS	3,858		3,858			
3315 IRON, STEEL SHAPES, EXC SHEET	65,626		34,108			31,518
3316 FERROALLOYS	143	143				
3411 FABRICATED METAL PRODUCTS	1	1				
3511 MACHINERY, EXCEPT ELECTRICAL	494		494			
3611 ELECTRICAL MACH AND EQUIP	1		1			
3711 MOTOR VEHICLES, PARTS, EQUIP	16		16			
3791 MISC TRANSPORTATION EQUIPMENT	4		4			
3911 MISC MANUFACTURED PRODUCTS	5	5				
4011 IRON AND STEEL SCRAP	49,488			14,447	35,041	
TOTAL TON-MILES	4,200,512					

CHARLESTON HARBOR, S. C. (INCLUDING ASHLEY RIVER, COOPER RIVER, SHER CREEK AND SHIPYARD RIVER, S. C.)

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 SHER CREEK; TO THE AIRCO ALLOYS WHARF ON SHIPYARD RIVER. CONTROLLING DEPTH: APPROXIMATELY 35 FEET FOR 800-FOOT WIDTH ACROSS THE ENTRANCE CHANNEL; THENCE 35.0 FEET FOR PROJECT WIDTHS TO HEAD OF THE PROJECT AT GOOSE CREEK (21.9 MILES); SHER CREEK 6.0 FEET (10.7 MILES); ASHLEY RIVER 15 FEET TO HIGHWAY BRIDGE, THENCE 13 FEET TO HEAD OF PROJECT (7.4 MILES); SHIPYARD RIVER 14 FEET TO HEAD OF PROJECT (1.2 MILES). PROJECT DEPTH: CHARLESTON HARBOR 35.0 FEET; SHER CREEK 10.0 FEET; ASHLEY RIVER 30.0 FEET; SHIPYARD RIVER 30.0 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973	9,379,766	258,474	469,286	1978	10,841,487	303,375	249,349
1974	8,992,563	234,169	425,763	1979	10,055,566	302,049	302,673
1975	8,379,831	295,349	342,506	1980	9,096,714	293,062	258,080
1976	9,668,895	314,675	380,199	1981	8,845,162	305,414	332,197
1977	10,327,659	293,050	302,312	1982	6,850,864	378,354	254,268

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS
TOTAL	6,850,864	1,592,465	1,974,324	2,456,464	291,223	131,447	60,806
0101 COTTON, RAW	7,922	2,887	4,806	20	209		
0102 BARLEY AND RYE	22		22				

CHARLESTON, SC, DISTRICT

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CHARLESTON HARBOR, S. C. (INCLUDING ASHLEY RIVER, COOPER RIVER, SHEM CREEK AND SHIPYARD RIVER, S. C.)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
0103 CORN.....	34,457		34,457					
0105 RICE.....	2,204	25	2,178		1			
0106 SORGHUM GRAINS.....	15		15					
0107 WHEAT.....	319,057		319,057					
0111 SOYBEANS.....	149,207		149,207					
0119 OILSEEDS, NEC.....	19,181	50	18,995		136			
0121 TOBACCO, LEAF.....	10,421	7,360	3,061					
0129 FIELD CROPS, NEC.....	314	161	153					
0131 FRESH FRUITS.....	414	3	361	50				
0132 BANANAS AND PLANTAINS.....	219,286	218,286	3					
0133 COFFEE.....	4,448	3,483	90	31	34		810	
0181 FRESH AND FROZEN VEGETABLES.....	147	72	74		1			
0181 ANIMALS AND PRODUCTS, NEC.....	6,240	1,247	1,417		3,616			
0191 MISCELLANEOUS FARM PRODUCTS.....	354	32	324					
0841 CRUDE RUBBER AND ALLIED GUMS.....	8,905	8,609	216					
0861 FOREST PRODUCTS, NEC.....	14,376	14,051	325					
0911 FRESH FISH, EXCEPT SMELLFISH.....	3,133	307	8	10		2,718		
0912 SMELLFISH, EXCEPT PREPARED.....	3,048					2,990		
1051 ALUMINUM ORES, CONCENTRATES.....	416,774	416,616	158					
1091 NONFERROUS ORES, CONCENT, NEC.....	109,665	95,066	3,967			10,632		
1121 COAL AND LIGNITE.....	290	6	284					
1311 CRUDE PETROLEUM.....	16,835			16,835				
1411 LIMESTONE.....	20,086	19,928	158					
1412 BUILDING STONE, UNWORKED.....	128		85		43			
1462 SAND, GRAVEL, CRUSHED ROCK.....	4,117	1,264	2,807		46			
1491 CLAY.....	66,352	2,562	63,659		131			
1899 NONMETALLIC MINERALS, NEC.....	8,989	95	7,907		7			
1911 ORDNANCE AND ACCESSORIES.....	81	8	11	62				
2011 MEAT, FRESH, CILLED, FROZEN.....	68,862	23,309	22,324		23,227			
2012 MEAT AND PRODUCTS, NEC.....	7,905	3,318	250	43	4,294			
2014 TALLOW, ANIMAL FATS AND OILS.....	31		31					
2015 ANIMAL BY-PRODUCTS, NEC.....	2,177	149	1,309		719			
2021 DAIRY PRODUCTS, NEC.....	3,279	2,337	22	45	855			
2022 DRIED MILK AND CREAM.....	5,135		255	774	4,106			
2031 FISH AND SHELLFISH, PREPARED.....	1,404	471	167	730	40			
2034 VEGETABLES AND PREP, NEC.....	8,161	5,400	312	1,214	1,235			
2039 PREP FRUIT AND VEG JUICE, NEC.....	20,604	8,466	9,465	496	2,177			
2041 WHEAT FLOUR AND SEMOLINA.....	12,666		12,626		40			
2042 ANIMAL FEEDS.....	5,900		5,704	1	195			
2049 GRAIN MILL PRODUCTS, NEC.....	7,008	866	6,102	40				
2061 SUGAR.....	5,401	5,401						
2062 MOLASSES.....	60			39	21			
2091 ALCOHOLIC BEVERAGES.....	44,806	22,268	1,521	11,924	9,093			
2091 VEGETABLE OIL, MARG, SHORT.....	29,738	463	28,887		388			
2092 ANIMAL OILS AND FATS, NEC.....	21	21						
2094 GROCERIES.....	42				42			
2099 MISCELLANEOUS FOOD PRODUCTS.....	18,781	4,853	2,032	2,022	2,696	7,178		
2111 TOBACCO MANUFACTURES.....	7,310	2,615	3,607	160	928			
2211 BASIC TEXTILE PRODUCTS.....	210,087	43,857	152,636	431	6,791	2,040	4,332	
2212 TEXTILE FIBERS, NEC.....	2,031	28	1,960		43			
2311 APPAREL.....	19,185	3,030	1,284	6,481	4,300			
2411 LOGS.....	3,039		3,039					
2413 FUEL WOOD, CHARCOAL, WASTES.....	96		96					
2414 TIMBER, POSTS, POLES, PILING.....	1,074				1,074			
2421 LUMBER.....	41,313	8,680	32,633					
2431 VENEER, PLYWOOD, WORKED WOOD.....	101,649	100,731	918					
2491 WOOD MANUFACTURES, NEC.....	7,929	1,188	6,200	51	490			
2511 FURNITURE AND FIXTURES.....	10,374	5,904	3,453	39	974			
2611 PULP.....	234,265	442	225,928			6,800	1,095	
2621 STANDARD NEWSPRINT PAPER.....	3,957			6	3,991			
2631 PAPER AND PAPERBOARD.....	262,588	17,657	232,612		12,319			
2691 PULP AND PAPER PRODUCTS, NEC.....	12,138	929	5,980	95	5,134			
2711 PRINTED MATTER.....	1,864	594	1,265	1	2			
2810 SODIUM HYDROXIDE.....	20,105			20,105				
2811 CRUDE TAR, OIL, GAS PRODUCTS.....	2				2			
2812 DYES, PIGMENT, TANNING MATS.....	2,414		2,415		3			
2813 ALCOHOLS.....	13,032		123	12,909				
2817 BENZENE AND TOLUENE.....	12				12			
2819 BASIC CHEMICALS AND PROD, NEC.....	166,164	20,314	77,981	67,209	656			
2821 PLASTIC MATERIALS.....	68,129	6,355	61,359		415			
2822 SYNTHETIC RUBBER.....	2,876		2,876					
2823 SYNTHETIC (MAN-MADE) FIBERS.....	132,292	23,466	108,375		451			
2831 DRUGS.....	2,470	93	1,542	97	738			
2841 SOAP.....	15,021	706	7,429	94	6,792			
2851 PAINTS.....	9,688	9,202	443		43			
2861 GUM AND WOOD CHEMICALS.....	5,650	578	5,006		66			
2871 NITROGENOUS CHEM FERTILIZERS.....	20,716	12,250	8,468					
2873 PHOSPHATIC CHEM FERTILIZERS.....	75		75					
2874 INSECTICIDES, DISINFECTANTS.....	9,812	2,494	7,181	117	20			
2879 FERTILIZER AND MATERIALS, NEC.....	4,224	36	3,760		428			
2891 MISCELLANEOUS CHEMICAL PROD.....	17,745	7,248	9,517	902	58			
2911 GASOLINE.....	1,155,656		178	1,150,853		4,627		
2912 JET FUEL.....	256,111			256,111				
2913 KEROSENE.....	22,618			22,618				
2914 DISTILLATE FUEL OIL.....	381,165		35	364,175	9,061	189	7,705	
2915 RESIDUAL FUEL OIL.....	624,231	245,355		185,996	61,448		131,432	
2916 LUBRICATING OILS AND GREASES.....	176,632	89	1,331	174,906	306			
2917 NAPHTHA, PETROLEUM SOLVENTS.....	57,528			57,527	1			
2918 ASPHALT, TAR, AND BITUMENS.....	242,514	71		242,414	29			
2920 COKE, PETROLEUM COKE.....	20,621		150	86	84	20,299		
2921 LIQUEFIED GASES.....	211		171		40			
2951 ASPHALT BUILDING MATERIALS.....	426		276	22	128			
2991 PETROLEUM AND COAL PROD, NFF.....	2,431	2,770	42		19			

Waterborne Commerce of the United States, 1982

CHARLESTON HARBOR, S. C. (INCLUDING ASHLEY RIVER, COOPER RIVER, SHEP CREEK AND SHIPYARD RIVER, S. C.)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	INTERNAL		
						RECEIPTS	SHIPMENTS	
3011 RUBBER AND MISC PLASTIC PROD.....	21,756	11,240	8,025	189	2,302			
3111 LEATHER AND LEATHER PRODUCTS.....	6,933	5,307	254	1,370	2			
3211 GLASS AND GLASS PRODUCTS.....	26,654	6,164	19,716		772			
3241 BUILDING CEMENT.....	5,753	5,545	135		73			
3251 STRUCTURAL CLAY PRODUCTS.....	11,689	3,143	8,136		410			
3281 CUT STONE AND STONE PRODUCTS.....	2,466	2,442	24					
3291 MISC NONMETALLIC MINERAL PROD.....	3,491	1,801	1,236	35	271			
3314 IRON AND STEEL PRIMARY FORMS.....	36							
3315 IRON, STEEL SHAPES, EXC SHEET.....	52,147	47,041	4,269	74	793			
3316 IRON AND STEEL PLATES, SHEETS.....	237	1	236					
3317 IRON AND STEEL PIPE AND TUBE.....	20,019	17,849	725	46	114	1,225	60	
3318 FERROALLOYS.....	5,795	295	104				5,392	
3319 IRON AND STEEL PRODUCTS, NEC.....	17,837	5,267	985	87	380	10,134	980	
3321 NONFERROUS METALS, NEC.....	1,612	976	588		48			
3322 COPPER ALLOYS, UNWORKED.....	3,662	1,915	1,145		602			
3323 LEAD AND ZINC, UNWORKED.....	917	411	481		25			
3324 ALUMINUM AND ALLOYS, UNWORKED.....	40,700	2,040	36,660		1,992			
3411 FABRICATED METAL PRODUCTS.....	45,970	18,839	15,437	732	2,042	5,351	3,569	
3511 MACHINERY, EXCEPT ELECTRICAL.....	136,698	46,954	87,374	416	414	542	998	
3611 ELECTRICAL MACH AND EQUIP.....	38,596	5,377	20,912	1,474	9,998	480	355	
3711 MOTOR VEHICLES, PARTS, EQUIP.....	19,497	6,231	12,322	158	786			
3721 AIRCRAFT AND PARTS.....	309	129	130			50		
3731 SHIPS AND BOATS.....	893	306	465		37	90		
3791 MISC TRANSPORTATION EQUIPMENT.....	2,117	19	2,998					
3811 INSTR, TIME, PHOTO, OPT GOODS.....	2,287	616	1,156	511	4			
3911 MISC MANUFACTURED PRODUCTS.....	7,762	4,957	2,029	198	578			
4011 IRON AND STEEL SCRAP.....	7,860	19	7,781	60				
4032 NONFERROUS METAL SCRAP.....	4,545	132	4,299	114				
4033 TEXTILE WASTE, SCRAP, SWEEP.....	37,404	802	36,180	91	333			
4034 PAPER WASTE AND SCRAP.....	23,626		23,626					
4039 WASTE AND SCRAP, NEC.....	129			129				
4112 COMMODITIES, NEC.....	257,925	9,359	1,188	53,069	94,998	56,098	43,213	
9999 DEPARTMENT OF DEFENSE AND SCI.....	6,259		6,259					

SHIPYARD RIVER, S. C. (INCLUDED IN CHARLESTON HARBOR, S. C.)

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973.....	878,292	1978.....	879,748
1974.....	890,033	1979.....	922,055
1975.....	890,537	1980.....	865,425
1976.....	888,850	1981.....	952,920
1977.....	1,006,719	1982.....	620,711

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	INTERNAL		
				RECEIPTS	SHIPMENTS	
TOTAL.....	620,711	94,092	452,626	35,156	5,452	33,389
1051 ALUMINUM ORES, CONCENTRATES.....	5,469	5,469				
1091 NONFERROUS ORES, CONCENT, NEC.....	84,988	74,356		10,632		
2810 SODIUM HYDROXIDE.....	20,105		20,105			
2819 BASIC CHEMICALS AND PROD, NEC.....	33,927	2,017	51,910			
2871 NITROGENOUS CHEM FERTILIZERS.....	12,250	12,250				
2911 GASOLINE.....	229,353		229,353			
2914 DISTILLATE FUEL OIL.....	68,526		67,473	20		1,024
2915 RESIDUAL FUEL OIL.....	58,234		21,473			32,361
2916 LUBRICATING OILS AND GREASES.....	61,912		61,912			
2920 COKE, PETROLEUM COKE.....	20,299			20,299		
3317 IRON AND STEEL PIPE AND TUBE.....	340			280	60	
3318 FERROALLOYS.....	5,392				5,392	
3319 IRON AND STEEL PRODUCTS, NEC.....	3,771			3,771		
3411 FABRICATED METAL PRODUCTS.....	12				12	
3511 MACHINERY, EXCEPT ELECTRICAL.....	43				43	
3731 SHIPS AND BOATS.....	90				90	
TOTAL TON-MILES, 620,711.						

CHARLESTON, SC, DISTRICT

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OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON-MILES	PASSENGERS
PROJECT				
ASHLEY RIVER, S. C. (INCLUDED IN CHARLESTON HARBOR, S. C.)				377,764
EDISTO RIVER, S. C.	NO COMMERCE REPORTED			
GREAT PEE DEE RIVER, S. C.	0911 FRESH FISH, EXCEPT SHELLFISH	9	69	
PORT ROYAL HARBOR, S. C.	0912 SHELLFISH, EXCEPT PREPARED	862		
	2421 LUMBER	15,767		
	2431 VENEER, PLYWOOD, WORKED WOOD	404		
	2691 WOOD MANUFACTURES, NEC	25		
	2871 NITROGENOUS CHEM FERTILIZERS	42,280		
	TOTAL	59,398		
SANTEE RIVER, S. C.	0911 FRESH FISH, EXCEPT SHELLFISH	7		
	0912 SHELLFISH, EXCEPT PREPARED	71		
	3511 MACHINERY, EXCEPT ELECTRICAL	3		
	TOTAL	81	6,075	
VILLAGE CREEK, S. C.	0912 SHELLFISH, EXCEPT PREPARED	86		
WACCAMAH RIVER, N. C. AND S. C.	0911 FRESH FISH, EXCEPT SHELLFISH	8		
	0912 SHELLFISH, EXCEPT PREPARED	8		
	TOTAL	16	432	917

SAVANNAH, GA, DISTRICT

SAVANNAH HARBOR, GEORGIA

SECTION INCLUDED: FROM THE 40-FOOT CONTOUR IN THE OCEAN TO THE CONTINENTAL CAN COMPANY PLANT, 32.15 MILES, CONTROLLING DEPTH: FOR MID-CHANNEL, HALF PROJECT WIDTH, 40 FEET OVER THE BAR CHANNEL; THENCE 30 FEET TO THE GEORGIA PORTS AUTHORITY OCEAN TERMINAL; THENCE 30 FEET TO THE GEORGIA PORTS AUTHORITY GARDEN CITY TERMINAL; THENCE 36 FEET TO THE SAVANNAH SUGAR REFINERY; AND 30 FEET TO THE CONTINENTAL CAN COMPANY PLANT. PROJECT DEPTH: 40 FEET OVER THE BAR CHANNEL, 8.71 MILES; 36 FEET TO ABOVE GEORGIA PORTS AUTHORITY GARDEN CITY TERMINAL, 21.59 MILES; 36 FEET TO THE ATLANTIC CROSBOTING COMPANY, 1.04 MILES; 30 FEET TO ABOVE CONTINENTAL CAN COMPANY, 1.33 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	8,980,201	129	1976	11,425,936	76,553
1974	9,698,670	29,780	1977	13,527,771	69,374
1975	7,593,297	78,001	1980	12,293,179	74,237
1976	9,107,805	74,216	1981	12,707,864	72,280
1977	9,875,670	88,447	1982	16,975,740	69,134

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	10,975,740	3,771,761	4,712,847	1,307,498	595,656	94,801	203,201	289,976
0101 COTTON, RAW	733	21	712					
0103 CORN	560		560					
0105 RICE	502	219	363					
0107 WHEAT	567,209		567,209					
0111 SOYBEANS	486,682		486,682					
0119 OILSEEDS, NEC	15,164	1	15,163					
0121 TOBACCO, LEAF	3,667	2,984	883					
0129 FIELD CROPS, NEC	270	183	87					
0131 FRESH FRUITS	618	20	590					
0133 COFFEE	3,097	2,634	87				376	
0141 FRESH AND FROZEN VEGETABLES	527	92	435					
0151 LIVE ANIMALS	20		20					
0161 ANIMALS AND PRODUCTS, NEC	3,615	532	3,283					
0191 MISCELLANEOUS FARM PRODUCTS	421	238	183					
0841 CRUDE RUBBER AND ALLIED GUMS	47,848	47,525	323					
0841 FOREST PRODUCTS, NEC	2,956	2,387	169					
0911 FRESH FISH, EXCEPT SHELLFISH	5,608	5,363	245					
0912 SHELLFISH, EXCEPT PREPARED	1,100	939	161					
1001 ALUMINUM ORES, CONCENTRATES	36,258	36,140	118					
1001 MANGANESE ORES, CONCENTRATES	20		20					
1001 NONFERROUS ORES, CONCENTRATES, NEC	29,133	28,873	260					
1121 COAL AND LIGHTS	246,703		246,693		10			
1311 CRUDE PETROLEUM	874,019	874,019						
1411 LIMESTONE	474,709	472,322	2,387					
1412 BUILDING STONE, UNWORKED	18,133		18,133					
1442 SAND, GRAVEL, CRUSHED ROCK	6,220	2,254	4,408		1,558			
1451 CLAY	1,286,765	129,907	1,196,715			43		
1471 PHOSPHATE ROCK	40				40			
1491 SALT	1	1						
1492 SULPHUR, DRY	3		3					
1493 SULPHUR, LIQUID	17,433			17,433				
1499 NONMETALLIC MINERALS, NEC	13,408	3,103	10,248		57			
1911 ORDNANCE AND ACCESSORIES	46	43	3					
2011 MEAT, FRESH, CHILLED, FROZEN	20,869	193	20,672			4		
2012 MEAT AND PRODUCTS, NEC	965	873	92					
2014 TALLOW, ANIMAL FATS AND OILS	556		556					
2015 ANIMAL BY-PRODUCTS, NEC	4,426	6	4,420					
2021 DAIRY PRODUCTS, NEC	125	112	13					
2022 DRIED MILK AND CREAM	8,481	150	8,331					
2031 FISH AND SHELLFISH, PREPARED	2,786	2,718	66					
2034 VEGETABLES AND PREP, NEC	21,580	21,492	961	1,127				
2039 PREP FRUIT AND VEG JUICE, NEC	34,034	8,300	25,688	46				
2041 WHEAT FLOUR AND SEMOLINA	4,625		4,625					
2042 ANIMAL FEEDS	4,866	161	3,864			818		
2049 GRAIN MILL PRODUCTS, NEC	2,443	445	1,998					
2061 SUGAR	369,079	299,447	30	44,144		21,450		
2081 ALCOHOLIC BEVERAGES	29,423	26,768	1,731	147	777			
2091 VEGETABLE OILS, MARS, SHORT	25,391	732	24,224		435			
2099 MISCELLANEOUS FOOD PRODUCTS	39,134	9,997	4,804	115	109		20,109	
2111 TOBACCO MANUFACTURES	1,103	17	905		141			
2211 BASIC TEXTILE PRODUCTS	187,845	103,013	75,437	284	2,267	3,602	2,440	
2212 TEXTILE FIBERS, NEC	659	137	517		5			
2211 APPAREL	20,211	19,210	811					
2011 LOGS	4,988	179	4,809					
2013 FUEL WOOD, CHARCOAL, WASTES	257		257					
2014 TIMBER, POSTS, POLES, PILING	35,777	129	35,648					
2016 WOOD CHIPS, STAVES, HOLDINGS	598,706		598,706					
2021 LUMBER	104,998	38,734	66,244		20			
2031 VENEER, PLYWOOD, WORKED WOOD	47,272	45,488	1,784					
2041 WOOD MANUFACTURES, NEC	6,171	3,595	2,575		1			
2511 FURNITURE AND FIXTURES	20,617	16,864	3,211		542			
2611 PULP	452,833	98,868	346,070			1,094	6,400	
2621 STANDARD NEWSPRINT PAPER	5				5			
2631 PAPER AND PAPERBOARD	508,577	2,740	486,743		105	1,367	57,613	
2691 PULP AND PAPER PRODUCTS, NEC	7,953	2,290	5,958		105			
2711 PRINTED MATTER	1,825	1,374	451					
2811 CRUDE TAR, OIL, SAG PRODUCTS	2,127		32	2,956	30			
2812 DYES, PIGMENT, YANNING MATS	385		385					
2813 ALCOHOLS	24		1		23			

SAVANNAH, GA, DISTRICT

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SAVANNAH HARBOR, GEORGIA--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
2016 RADIOACTIVE MATERIALS, WASTES	472		472					
2017 BENZENE AND TOLUENE	3,743			3,743				
2019 BASIC CHEMICALS AND PROD, NEC	337,221	233,297	43,310	60,570	20			
2021 PLASTIC MATERIALS	44,994	7,625	32,492		23	4,894		
2022 SYNTHETIC RUBBER	1,722		1,722					
2023 SYNTHETIC (MAN-MADE) FIBERS	26,804	2,322	24,482					
2031 DRUGS	1,720	435	1,285		163			
2041 SOAP	4,026	1,172	2,819		35			
2051 PAINTS	15,474	14,446	1,028					
2061 GUM AND WOOD CHEMICALS	97,540	1,548	95,960		15			
2071 NITROGENOUS CHEM FERTILIZERS	43,983	5,374	39,200		19,200			
2073 PHOSPHATIC CHEM FERTILIZERS	220		220					
2074 INSECTICIDES, DISINFECTANTS	4,640	430	4,315		7			
2079 FERTILIZER AND MATERIALS, NFC	986		623		363			
2091 MISCELLANEOUS CHEMICAL PROD	36,955	3,579	17,344	18,032				
2011 GASOLINE	702,696	69,534	70	575,625	121,237	6,944	9,206	
2012 JET FUEL	44,366			44,366				
2014 DISTILLATE FUEL OIL	303,172	60,193	8	290,375	10,074	3,854	2,648	
2015 RESIDUAL FUEL OIL	543,997	260,262		43,753			231,982	
2016 LUBRICATING OILS AND GREASES	41,721	26,670	636	14,415				
2017 NAPHTHA, PETROLEUM SOLVENTS	76,144			72,476			3,668	
2018 ASPHALT, TAR, AND PITCHES	571,461	60,535	415	23,100	421,409		57,994	
2020 COKE, PETROLEUM COKE	19	19						
2051 ASPHALT BUILDING MATERIALS	368		366	22				
2091 PETROLEUM AND COAL PROD, NEC	32,016	211	7	31,640	118			
3011 RUBBER AND MISC PLASTIC PROD	29,274	23,084	6,118	50	22			
3111 LEATHER AND LEATHER PRODUCTS	12,649	10,490	2,159					
3211 GLASS AND GLASS PRODUCTS	4,676	2,503	1,662		431			
3241 BUILDING CEMENT	52,618		2,809	49,809				
3251 STRUCTURAL CLAY PRODUCTS	11,038	6,330	4,695		5			
3281 CUT STONE AND STONE PRODUCTS	2,580	2,523	57					
3291 MISC NONMETALLIC MINERAL PROD	16,813	10,729	7,960	11	17		94	
3314 IRON AND STEEL PRIMARY FORMS	212	195	15		2			
3315 IRON, STEEL SHAPES, EXC SHEETS	199,395	198,332	966				97	
3316 IRON AND STEEL PLATES, SHEETS	3,313	1,172	309		14	1,818		
3317 IRON AND STEEL PIPE AND TUBE	69,661	65,048	24,012		1			
3318 FERROALLOYS	7,020	4,928	2,092					
3319 IRON AND STEEL PRODUCTS, NEC	42,028	3,274	1,378		94	37,278		
3321 NONFERROUS METALS, NEC	2,481	684	1,793		2			
3322 COPPER ALLOYS, UNWORKED	39,279	30,167	1,101		11			
3323 LEAD AND ZINC, UNWORKED	259	151	108					
3324 ALUMINUM AND ALLOYS, UNWORKED	7,890	7,147	743					
3411 FABRICATED METAL PRODUCTS	85,342	62,355	12,949		1,197	3,553	5,288	
3511 MACHINERY, EXCEPT ELECTRICAL	78,206	51,664	25,779	12	356	47	346	
3611 ELECTRICAL MACH AND EQUIP	56,511	30,099	20,381		31			
3711 MOTOR VEHICLES, PARTS, EQUIP	37,553	29,422	8,057		74			
3721 AIRCRAFT AND PARTS	169	35	134					
3731 SHIPS AND BOATS	1,274	94	1,178					
3791 MISC TRANSPORTATION EQUIPMENT	2,182	48	2,013		121			
3811 INSTR, TIME, PHOTO, OPT GOODS	3,044	2,357	689					
3911 MISC MANUFACTURED PRODUCTS	30,504	20,322	1,892	52	38			
4011 IRON AND STEEL SCRAP	25,608		25,608					
4012 NONFERROUS METAL SCRAP	110,112	99,100	11,012					
4022 TEXTILE WASTE, SCRAP, SWEEP	11,585	21	11,564					
4024 PAPER WASTE AND SCRAP	40,284	110	38,669			1,505		
4112 COMMODITIES, NEC	126,404	2,455	2,432	5,827	14,264	43,886	57,136	
9999 DEPARTMENT OF DEFENSE AND SCI	3,869		3,869					
TOTAL TON-MILES, 213,036,240.								

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

SECTION INCLUDED: PORT ROYAL SOUND, S. C., INCLUDES CUMBERLAND SOUND. CONTROLLING DEPTH: 8 FEET OR GREATER. PROJECT DEPTH: 12 FEET. NAVIGATION SEASON: ENTIRE YEAR.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	1,235,784	146	1978	926,702	46,782
1974	1,231,890	25,900	1979	816,504	25,960
1975	901,101	54,878	1980	844,659	33,734
1976	1,067,671	48,470	1981	878,915	30,907
1977	975,076	43,206	1982	684,418	11,878

Waterborne Commerce of the United States, 1982

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

FREIGHT TRAFFIC, 1982

OCEANGOING

(SHORT TONS)

COMMODITY	TOTAL	DOMESTIC COASTWISE THROUGH	
		NORTHBOUND	SOUTHBOUND
TOTAL	49,425	43,436	5,989
2001 SUGAR	11,385	11,385	
2010 SODIUM HYDROXIDE	2,703	2,703	
2013 ALCOHOLS	4,101	4,101	
2071 NITROGENOUS CHEM FERTILIZERS	4,360	4,360	
3312 SLAG	5,000		5,000
3411 FABRICATED METAL PRODUCTS	1,412	1,412	
3511 MACHINERY, EXCEPT ELECTRICAL	5,653	4,733	920
3611 ELECTRICAL MACH AND EQUIP	2,220	2,220	
3701 AIRCRAFT AND PARTS	49		49
3731 SHIPS AND BOATS	12,522	12,522	
TON-MILES, OCEANGOING,	7,973,010.		

INTERNAL

(SHORT TONS)

COMMODITY	TOTAL	NORTHBOUND	THROUGH			INBOUND			OUTBOUND		
			NORTHBOUND	NORTHBOUND	SOUTHBOUND	SOUTHBOUND	SOUTHBOUND	SOUTHBOUND	SOUTHBOUND	SOUTHBOUND	
TOTAL	634,993	1,027	2,370	4,523	429,933	3,931	1,742	766	190,701		
0133 COFFEE	1,186								1,186		
0911 FRESH FISH, EXCEPT SHELLFISH	515		36	1	4	30	68	1	374		
0912 SHELLFISH, EXCEPT PREPARED	12,427	805	1,045	2,250		3,901	1,176	470	2,882		
2042 ANIMAL FEEDS	818				818						
2001 SUGAR	21,458				21,458						
2095 ICE	2,220				2,220						
2099 MISCELLANEOUS FOOD PRODUCTS	20,109				20,109						
2211 BASIC TEXTILE PRODUCTS	6,042				2,440				3,602		
2691 WOOD MANUFACTURES, NEC	41				41						
2611 PULP	102,889				101,794				1,095		
2631 PAPER AND PAPERBOARD	60,537				59,170				1,367		
2810 SODIUM HYDROXIDE	32,200								32,200		
2821 PLASTIC MATERIALS	4,854			2,030	2,824						
2879 FERTILIZER AND MATERIALS, NEC	1,370				1,370						
2911 GASOLINE	10,230				11,571				4,659		
2914 DISTILLATE FUEL OIL	7,268		548	36	4,014				2,668		
2915 RESIDUAL FUEL OIL	109,559				109,559						
2917 NAPHTHA, PETROLEUM SOLVENTS	3,468								3,468		
3291 HIGH NONMETALLIC MINERAL PROD	146				96				50		
3315 IRON, STEEL SHAPES, EXC SHEET	73,445				97				73,548		
3316 IRON AND STEEL PLATES, SHEETS	1,818								1,818		
3317 IRON AND STEEL PIPE AND TUBE	2,811	74	215	87	985			110	1,340		
3319 IRON AND STEEL PRODUCTS, NEC	37,278				26,978				10,300		
3411 FABRICATED METAL PRODUCTS	8,912			51	5,288				3,573		
3511 MACHINERY, EXCEPT ELECTRICAL	2,480	56	524	60	893		498	185	240		
3611 ELECTRICAL MACH AND EQUIP	1,787				1,432				355		
4024 PAPER WASTE AND SCRAP	1,505								1,505		
4112 COMMODITIES, NEC	101,022				56,771				44,251		
TON-MILES, INTERNAL,	42,093,805,										
TONS, ALL TRAFFIC,	684,418,										
TON-MILES, ALL TRAFFIC,	50,066,815,										

BRUNSWICK HARBOR, GEORGIA

SECTION INCLUDED: FROM 32-FOOT CONTOUR IN THE OCEAN ACROSS THE BAR THROUGH 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 RACK RIVER THROUGH TERRY CREEK TO THE GLYNN CANNING COMPANY'S WHARF, 1.8 MILES; A TOTAL DISTANCE OF 27.0 MILES. CONTROLLING DEPTHS: 31 FEET OVER THE BAR; 28 FEET THROUGH ST. SIMON SOUND, BRUNSWICK RIVER, AND EAST RIVER TO THE FOOT OF SECOND AVENUE (CITY OF BRUNSWICK); 18 FEET IN EAST RIVER FROM SECOND AVENUE TO THE CONFLUENCE WITH ACADEMY CREEK; AND 28 FEET TO ALLIED CHEMICAL COMPANY'S WHARF (TURTLE RIVER), 12 FEET IN ACADEMY CREEK, AND 3.0 FEET IN RACK RIVER, TERRY CREEK 3 FEET. PROJECT DEPTHS: 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

YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)	YEAR	TONS	PASSENGERS	ADDITIONAL THROUGH TRAFFIC (TONS)
1973	1,393,653	161	207,665	1978	1,820,165	190	72,354
1974	1,965,799	118	185,315	1979	1,643,869		141,876
1975	1,430,354	238	131,366	1980	1,463,584	244	145,087
1976	1,685,810	4,124	127,478	1981	1,462,505		217,792
1977	1,744,797	227	144,899	1982	1,567,546	137	159,558

SAVANNAH, GA, DISTRICT

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BRUNSWICK HARBOR, GEORGIA--CONTINUED

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS
TOTAL-----	1,567,546	1,129,248	192,125	18,723	94,417	133,633
0105 RICE-----	9		9			
0119 OILSEEDS, NEC-----	2	2				
0141 FRESH AND FROZEN VEGETABLES-----	12		12			
0011 FRESH FISH, EXCEPT SHELLFISH-----	30				30	
0012 SHELLFISH, EXCEPT PREPARED-----	296				296	
1001 NONFERROUS DRES, CONCENT, NEC-----	4,643		4,643			
1411 LIMESTONE-----	298,133	298,133				
1442 SAND, GRAVEL, CRUSHED ROCK-----	72		72			
1451 CLAY-----	18,088	18,017	71			
1471 PHOSPHATE ROCK-----	12,009	12,009				
1491 SALT-----	303,774	303,774				
2011 MEAT, FRESH, CHILLED, FROZEN-----	1,834		1,834			
2012 MEAT AND PRODUCTS, NEC-----	1		1			
2014 TALLOW, ANIMAL FATS AND OILS-----	9		9			
2042 ANIMAL FEEDS-----	97,103		96,285			818
2061 SUGAR-----	36,010	24,620	3	11,347		
2081 ALCOHOLIC BEVERAGES-----	2		2			
2091 VEGETABLE OILS, MARG, SHORT-----	6		6			
2099 MISCELLANEOUS FOOD PRODUCTS-----	13		13			
2211 BASIC TEXTILE PRODUCTS-----	144		144			
2411 LOGS-----	15		15			
2421 LUMBER-----	815	173	642			
2431 VENEER, PLYWOOD, WORKED WOOD-----	14		14			
2511 FURNITURE AND FIXTURES-----	1		1			
2611 PULP-----	180,332		85,332			94,998
2631 PAPER AND PAPERBOARD-----	2,161		604			1,557
2691 PULP AND PAPER PRODUCTS, NEC-----	12		12			
2810 SODIUM HYDROXIDE-----	39,536			7,336		32,200
2819 BASIC CHEMICALS AND PROD, NEC-----	44		44			
2821 PLASTIC MATERIALS-----	2,824					2,824
2841 SOAP-----	1		1			
2851 PAINTS-----	16,545	16,540	5			
2861 GUM AND WOOD CHEMICALS-----	1,200	95	1,105			
2871 NITROGENOUS CHEM FERTILIZERS-----	38,395	38,395				
2873 PHOSPHATIC CHEM FERTILIZERS-----	335,112	335,112				
2879 FERTILIZER AND MATERIALS, NEC-----	2,094	2,094				
2891 MISCELLANEOUS CHEMICAL PROD-----	25		25			
2915 RESIDUAL FUEL OIL-----	147,853	79,746			68,107	
2916 LUBRICATING OILS AND GREASES-----	101		101			
2921 LIQUEFIED GASES-----	53		53			
2951 ASPHALT BUILDING MATERIALS-----	21		21			
3011 RUBBER AND MISC PLASTIC PROD-----	36		36			
3241 BUILDING CEMENT-----	97		97			
3251 STRUCTURAL CLAY PRODUCTS-----	1		1			
3271 LIME-----	15		15			
3291 MISC NONMETALLIC MINERAL PROD-----	258		160		96	
3315 IRON, STEEL SHAPES, EXC SHEETS-----	25,700		7		25,693	
3316 IRON AND STEEL PLATES, SHEETS-----	3		3			
3317 IRON AND STEEL PIPE AND TUBE-----	584		4		580	
3319 IRON AND STEEL PRODUCTS, NEC-----	5		5			
3321 NONFERROUS METALS, NEC-----	1		1			
3320 ALUMINUM AND ALLOYS, UNWORKED-----	9		9			
3411 FABRICATED METAL PRODUCTS-----	117		117			
3511 MACHINERY, EXCEPT ELECTRICAL-----	980	533	192		195	60
3611 ELECTRICAL MACH AND EQUIP-----	49		49			
3711 MOTOR VEHICLES, PARTS, EQUIP-----	174	5	169			
3731 SHIPS AND BOATS-----	4		4			
3791 MISC TRANSPORTATION EQUIPMENT-----	9		9			
4011 IRON AND STEEL SCRAP-----	2		2			
4022 TEXTILE WASTE, SCRAP, SWEEP-----	153		153			
4112 COMMODITIES, NEC-----	1		1			
9999 DEPARTMENT OF DEFENSE AND SCI-----	12		12			
TOTAL TON-MILES, 13,103,681.						

Waterborne Commerce of the United States, 1982

OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TON- MILES	PASSENGERS
PROJECT				
ALTAHAMA RIVER, GA.	0911 FRESH FISH, EXCEPT SHELLFISH	80		
	0912 SHELLFISH, EXCEPT PREPARED	20		
	TOTAL	104	12,000	
DARIEN HARBOR, GA.	NO COMMERCE REPORTED			
SAYTILLA RIVER, GA.	0911 FRESH FISH, EXCEPT SHELLFISH	5		
	0912 SHELLFISH, EXCEPT PREPARED	390		
	TOTAL	395	125	
SAVANNAH RIVER REGION AUGUSTA, GA.	0911 FRESH FISH, EXCEPT SHELLFISH	50		
	0912 SHELLFISH, EXCEPT PREPARED	692		
	3511 MACHINERY, EXCEPT ELECTRICAL	185		
	3611 ELECTRICAL MACH AND EQUIP	2,440		
	TOTAL	3,976	127,346	259
ST. MARYS RIVER, GA. AND FLA.	0911 FRESH FISH, EXCEPT SHELLFISH	1		
	2915 RESIDUAL FUEL OIL	41,452		
	TOTAL	41,453	165,412	

JACKSONVILLE, FL, DISTRICT

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

SECTION INCLUDED: FERNANDINA HARBOR, FLA., TO ST. JOHNS RIVER, 21.9 MILES, CONTROLLING DEPTH: 8 FEET AND 4.6 FEET, PROJECT DEPTH: 12 FEET.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	1,023,745	1978	739,772
1974	871,213	1979	675,061
1975	707,455	1980	756,744
1976	869,486	1981	716,945
1977	844,583	1982	546,408

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL				
		THROUGH		INBOUND	OUTBOUND	THROUGH	INBOUND	THROUGH
		NORTHBOUND	SOUTHBOUND					
TOTAL	546,408	43,436	5,989	237,406	7,220	148,312	35,456	73,589
0133 COFFEE	1,186							1,186
0411 FRESH FISH, EXCEPT SHELLFISH	374						374	
0412 SHELLFISH, EXCEPT PREPARED	2,882						2,882	
2061 SUGAR	32,843	11,349				21,494		
2095 ICE	2,220				2,220			
2491 WOOD MANUFACTURES, NEC	81					81		
2810 SODIUM HYDROXIDE	38,903	2,703					32,200	
2813 ALUMINA	4,101	4,101						
2871 NITROGENOUS CHEM FERTILIZERS	4,360	4,360						
2879 FERTILIZER AND MATERIALS, NEC	1,370					1,370		
2911 GASOLINE	11,603					6,944		4,659
2914 DISTILLATE FUEL OIL	7,230					4,562		2,668
2915 RESIDUAL FUEL OIL	346,965			237,406		109,559		
2917 NAPHTHA, PETROLEUM SOLVENTS	3,668							3,668
3291 MISC NONMETALLIC MINERAL PROD	50							50
3312 SLAG	5,000		5,000					
3315 IRON, STEEL SHAPES, EXC SHEET	47,855							47,855
3317 IRON AND STEEL PIPE AND TUBE	2,650					1,200		1,450
3319 IRON AND STEEL PRODUCTS, NEC	10,300							10,300
3411 FABRICATED METAL PRODUCTS	1,432	1,412						20
3511 MACHINERY, EXCEPT ELECTRICAL	7,066	4,733	920			1,073		340
3611 ELECTRICAL MACH AND EQUIP	4,007	2,220				1,832		355
3721 AIRCRAFT AND PARTS	69		69					
3731 SHIPS AND BOATS	12,522	12,522						
4112 COMMODITIES, NEC	1,711					673		1,038
TOTAL TON-MILES:	8,122,078.							

JACKSONVILLE HARBOR, FLA.

SECTION INCLUDED: ATLANTIC OCEAN TO THE FLORIDA EAST COAST RAILWAY BRIDGE AT JACKSONVILLE, 26.1 MILES, CONTROLLING DEPTH: 36 FEET, OCEAN TO MILE 20, EXCEPT FOR SHOALS IN THE OUTSIDE QUARTER; 31 FEET, MILE 20 TO COMMODORE POINT, PROJECT DEPTH: 34 FEET FROM OCEAN TO MILE 20, 34 FEET TO COMMODORE POINT, THEN 30 FEET TO FLORIDA EAST COAST RAILWAY BRIDGE.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	15,513,590	2,069	1978	15,712,693	2,172
1974	14,794,938	955	1979	15,278,004	
1975	13,495,764	1,233	1980	15,644,000	
1976	14,397,951	3,304	1981	15,843,640	290
1977	15,108,032	4,492	1982	12,892,163	382

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL	12,892,163	2,212,811	2,359,952	5,370,972	956,065	72,587	1,484,221	435,555
0102 BARLEY AND RYE	5				5			
0103 CORN	28		28					
0105 RICE	349	3	346					
0106 SOYBEAN GRAINS	3		3					
0119 OILSEEDS, NEC	45,051		45,014		37			
0121 TOBACCO, LEAF	6,151	6,058	51		42			
0122 HAY AND FODDER	62			19	43			
0129 FIELD CROPS, NEC	605	489	26		90			
0131 FRESH FRUITS	19,367	14	19,121	288	24			
0133 COFFEE	92,582	82,103	97	3,795	5,401	1,186		
0134 COCOA BEANS	114	114						

JACKSONVILLE HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
0141 FRESH AND FROZEN VEGETABLES	3,747	243	3,204	66	130			
0141 ANIMALS AND PRODUCTS, NEC	7,317	15	136		7,166			
0191 MISCELLANEOUS FARM PRODUCTS	8,016	8	6,867	1,016	125			
0841 CRUDF RUBBER AND ALLIED GUMS	231	102	4		125			
0861 FOREST PRODUCTS, NEC	227	180	7		40			
0911 FRESH FISH, EXCEPT SHELLFISH	2,398	2,136	137	105		20		
0912 SHELLFISH, EXCEPT PREPARED	2,566	242	222	20	901	1,141		
1051 ALUMINUM ORES, CONCENTRATES	278	258	20					
1091 NONFERROUS ORES, CONCENT, NEC	1,207		1,207					
1121 COAL AND LIGNITE	1,211		1,187	24				
1311 CRUDE PETROLEUM	451	451						
1411 LIMESTONE	628,618	628,610	8					
1442 SAND, GRAVEL, CRUSHED ROCK	1,614		181		1,433			
1451 CLAY	23,782	250	22,547		985			
1471 PHOSPHATE ROCK	533,949		506,738		27,211			
1494 GYPSUM, CRUDE AND PLASTERS	157			40	117			
1499 NONMETALLIC MINERALS, NEC	148	56	27		65			
1911 DRONANCE AND ACCESSORIES	7	7						
2011 MEAT, FRESH, CHILLED, FROZEN	22,488	1,301	6,444	327	13,974			
2012 MEAT AND PRODUCTS, NEC	20,704	8,524	214	106	11,460			
2014 TALLOW, ANIMAL FATS AND OILS	225				225			
2015 ANIMAL BY-PRODUCTS, NEC	1,505	24	609		172			
2021 DAIRY PRODUCTS, NEC	1,645	243	334	41	1,027			
2022 DRIED MILK AND CREAM	3,503	2,812	2	21	668			
2031 FISH AND SHELLFISH, PREPARED	4,379	2,451	66	1,834	24			
2032 VEGETABLES AND PREP, NEC	8,071	2,389	1,089		482			
2039 PREP FRUIT AND VEG JUICE, NFC	93,707	17,883	27,941	1,212	46,711			
2041 WHEAT FLOUR AND SEMOLINA	1,328		1,038		290			
2042 ANIMAL FEEDS	6,740	45	2,441		4,254			
2049 GRAIN MILL PRODUCTS, NEC	2,531	1,100	975	61	595			
2061 SUGAR	29			11	18			
2062 MOLASSES	1,868		14	21	1,833			
2081 ALCOHOLIC BEVERAGES	73,483	48,838	1,958	15,664	7,023			
2091 VEGETABLE OILS, MARG, SHORT	2,647	318	344		1,985			
2092 ANIMAL OILS AND FATS, NEC	16	16						
2094 GROCERIES	76				76			
2095 ICE	3,924					3,924		
2099 MISCELLANEOUS FOOD PRODUCTS	274,077	11,528	2,476	87,337	172,736			
2111 TOBACCO MANUFACTURES	1,170	99	600	313	167			
2211 RASTIC TEXTILE PRODUCTS	4,105	1,171	1,470	688	776			
2212 TEXTILE FIBERS, NEC	197				197			
2311 APPAREL	18,423	367	903	3,359	14,194			
2411 LOGS	3,800		3,800					
2413 FUEL WOOD, CHARCOAL, WASTES	1,261	4	1,257					
2414 TIMBER, POSTS, POLES, PILING	3,845		56		3,789			
2416 WOOD CHIPS, STAVES, MOLDINGS	246		246					
2421 LUMBER	61,626	40,937	5,689	20	14,980			
2431 VENEER, PLYWOOD, WORKED WOOD	2,834	205	257		2,372			
2491 WOOD MANUFACTURES, NEC	19,314	487	732	1,459	16,595		41	
2511 FURNITURE AND FIXTURES	14,093	2,305	651	1,083	14,054			
2611 PULP	49,388		49,388					
2621 STANDARD NEWSPRINT PAPER	450				450			
2631 PAPER AND PAPERBOARD	131,163	2,089	123,559	11	5,504			
2691 PULP AND PAPER PRODUCTS, NEC	111,965	2,856	2,885	15,751	90,473			
2711 PRINTED MATTER	1,601	130	56	398	1,017			
2810 SODIUM HYDROXIDE	44,374			44,374				
2811 CRUDE TAR, OIL, GAS PRODUCTS	12,549	12,461			88			
2812 DYES, PIGMENT, TANNING MATS	41		41					
2813 ALCOHOLS	123		4		119			
2818 SULPHURIC ACID	379				379			
2819 BASIC CHEMICALS AND PROD, NEC	111,846	7,543	20,587	24,414	59,302			
2821 PLASTIC MATERIALS	4,384	924	2,017		1,443			
2822 SYNTHETIC RUBBER	23		23					
2823 SYNTHETIC (MAN-MADE) FIBERS	907	161	691		55			
2831 DRUGS	1,191	512	71	442	166			
2841 SOAP	5,435	868	609	1,090	2,464			
2851 PAINTS	6,984	4,038	230		2,716			
2861 GUM AND WOOD CHEMICALS	16,227		8,650	7,471	106			
2871 NITROGENOUS CHEM FERTILIZERS	1,401	965	436					
2872 POTASSIC CHEM FERTILIZERS	1,142,294		1,142,280		14			
2873 PHOSPHATIC CHEM FERTILIZERS	129,674		129,674					
2876 INSECTICIDES, DISINFECTANTS	3,284	923	2,157	161	47			
2879 FERTILIZER AND MATERIALS, NEC	67,446	47	64,932		467			
2891 MISCELLANEOUS CHEMICAL PROD	10,911	4,024	6,553		334			
2911 GASOLINE	1,776,767		5	1,748,506		4,659	9,243	14,334
2912 JET FUEL	470,947			278,925			50,772	141,250
2913 KEROSENE	18,277			18,277				
2914 DISTILLATE FUEL OIL	80,537			80,537		5,333	4,542	45,526
2915 RESIDUAL FUEL OIL	4,289,649	746,265		1,898,246			1,410,653	234,848
2916 LUBRICATING OILS AND GREASES	31,237	32	29	24,259	4,917			
2917 NAPHTHA, PETROLEUM SOLVENTS	1,412			1,363	49			
2918 ASPHALT, TAR, AND BITUMENS	125,205	22,647	1	102,517				
2920 COKE, PETROLEUM COKE	239	24	129	86				
2921 LIQUEFIED GASES	407	9	4		444			
2951 ASPHALT BUILDING MATERIALS	254		3		251			
2991 PETROLEUM AND COAL PROD, NEC	36,726	366		36,244	114			
3011 RUBBER AND MISC PLASTIC PROD	31,743	5,423	1,341	3,658	21,291			
3111 LEATHER AND LEATHER PRODUCTS	3,471	604	72	2,777	14			
3211 GLASS AND GLASS PRODUCTS	2,654	2,313	230		115			
3241 BUILDING CEMENT	142,779	96	449	142,124	114			
3251 STRUCTURAL CLAY PRODUCTS	5,649	1,434	3,465		752			
3271 LIME	52	52						
3281 CUT STONE AND STONE PRODUCTS	5,379		1	3,914	1,147			
3291 MISC NONMETALLIC MINERAL PROD	8,782	1,045	4,314	165	947		2,770	

JACKSONVILLE, FL, DISTRICT

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JACKSONVILLE HARBOR, FLA.--CONTINUED
 FREIGHT TRAFFIC, 1982--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3312 SLAG	140				140			
3314 IRON AND STEEL PRIMARY FORMS	20		20					
3315 IRON, STEEL SHAPES, EXC SHEET	169,772	65,296	42,406		10,215	47,855		
3316 IRON AND STEEL PLATES, SHEETS	295		295					
3317 IRON AND STEEL PIPE AND TUB	6,149	3,088	500		521	750	1,200	
3318 FERROALLOYS	3,264		3,264					
3319 IRON AND STEEL PRODUCTS, NEC	31,624	1,132	11,798	7,507	887	10,300		
3321 NONFERROUS METALS, NEC	352	248	13	1	90			
3322 COPPER ALLOYS, UNWORKED	615	488	98	17	16			
3323 LEAD AND ZINC, UNWORKED	98	61			37			
3324 ALUMINUM AND ALLOYS, UNWORKED	4,666	4,324	301		41			
3411 FABRICATED METAL PRODUCTS	69,569	7,280	3,682	3,170	55,817	20		
3511 MACHINERY, EXCEPT ELECTRICAL	49,032	13,433	8,059	1,179	25,310	240	811	
3611 ELECTRICAL MACH AND EQUIP	60,756	2,833	7,640	4,545	45,721	5	12	
3711 MOTOR VEHICLES, PARTS, EQUIP	459,779	406,240	30,982	643	21,918			
3721 AIRCRAFT AND PARTS	63	7	14				40	
3731 SHIPS AND BOATS	2,594	173	2,349		72			
3791 MISC TRANSPORTATION EQUIPMENT	4,979	712	4,065	4	198			
3811 INSTR, TIME, PHOTO, OPT GOODS	3,901	848	132	2,910	11			
3911 MISC MANUFACTURED PRODUCTS	3,622	1,747	223	951	701			
4011 IRON AND STEEL SCRAP	614	20	478	116				
4012 NONFERROUS METAL SCRAP	1,630	52	1,582		36			
4022 TEXTILE WASTE, SCRAP, WHEEP	520	46	340		118			
4024 PAPER WASTE AND SCRAP	4,892		4,890	2				
4029 WASTE AND SCRAP, NEC	6,325			6,325				
4112 COMMODITIES, NEC	267,445	4,120	244	86,400	214,970	1,038	673	
9999 DEPARTMENT OF DEFENSE AND SCI	274		274					
TOTAL TON-MILES,	237,327,048.							

ST. JOHNS RIVER, FLA., JACKSONVILLE TO LAKE HARNEY

SECTION INCLUDED: FLORIDA EAST COAST RAILWAY BRIDGE AT JACKSONVILLE TO LAKE HARNEY, 161.5 MILES; SIDE CHANNEL TO ENTERPRISE, 2.7 MILES, CONTROLLING DEPTH: 10.9 FEET, JACKSONVILLE TO UNITED STATES NAVAL AIR STATION: 11.1 FEET TO SANFORD; 8.8 FEET IN ENTERPRISE CHANNEL: 4 FEET, SANFORD TO LAKE HARNEY. PROJECT DEPTH: 13 TO 12 FEET, JACKSONVILLE TO SANFORD, 140.6 MILES, AND 12 FEET IN ENTERPRISE CHANNEL: 5 FEET, SANFORD TO LAKE HARNEY, 20.9 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973	1,058,297	1978	1,558,023
1974	972,958	1979	1,516,374
1975	1,154,664	1980	1,476,207
1976	1,231,882	1981	1,549,213
1977	1,160,926	1982	1,118,148

FREIGHT TRAFFIC, 1982

DOMESTIC

(SHORT TONS)

COMMODITY	TOTAL	INTERNAL		THROUGH UPBOUND
		INBOUND	OUTBOUND	
TOTAL	1,118,148	1,102,563	20	15,565
0911 FRESH FISH, EXCEPT SHELLFISH	20		20	
2012 JET FUEL	50,772	50,772		
2015 RESIDUAL FUEL OIL	1,065,668	1,048,123		15,545
2017 NAPHTHA, PETROLEUM SOLVENTS	3,668	3,668		
TOTAL TON-MILES,	139,278,771.			

INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FLA.

SECTION INCLUDED: ST. JOHNS RIVER TO MIAMI, FLA., 349 MILES, CONTROLLING DEPTH: 12 FEET, ST. JOHNS RIVER TO FT. PIERCE AND 10 FEET FROM FT. PIERCE TO MIAMI EXCEPT FOR WIDELY SEPARATED SPOT SHOALS IN OUTSIDE QUARTERS. PROJECT DEPTH: 12 FEET, JACKSONVILLE TO FT. PIERCE THENCE 10 FEET TO MIAMI, 349 MILES.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	EXCURSION PASSENGERS	YEAR	TONS	EXCURSION PASSENGERS
1973	1,182,475	207,741	1978	1,147,362	542,181
1974	1,505,434	213,699	1979	1,475,654	502,242
1975	1,228,098	612,508	1980	1,218,075	530,752
1976	1,393,370	518,881	1981	1,021,788	612,718
1977	1,269,218	515,950	1982	1,103,955	558,136

Waterborne Commerce of the United States, 1982

INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FLA.--CONTINUED

FREIGHT TRAFFIC, 1982

DOMESTIC
(SHORT TONS)

COMMODITY	TOTAL	COASTWISE		INTERNAL					
		THROUGH		INBOUND	OUTBOUND	NORTHBOUND	SOUTHBOUND	THROUGH	
		NORTHBOUND	SOUTHBOUND					NORTHBOUND	SOUTHBOUND
TOTAL-----	1,103,955	54,088	15,496	901,567	4,937	11,151	777	64,351	51,548
0861 FOREST PRODUCTS, NEC-----	120			120					
0911 FRESH FISH, EXCEPT SHELLFISH-----	9,813			4,555	77	5,181			
0912 SHELLFISH, EXCEPT PREPARED-----	6,124			212	1,052	4,860			
1442 SAND, GRAVEL, CRUSHED ROCK-----	13,808				50	300		13,458	
1451 CLAY-----	150			150					
2061 SUGAR-----	43,543	22,085						21,458	
2095 ICE-----	2,390			10	1,683		697		
2810 SODIUM HYDROXIDE-----	4,252	4,252							
2813 ALCOHOLS-----	4,101	4,101							
2871 NITROGENOUS CHEM FERTILIZERS-----	4,360	4,360							
2879 FERTILIZER AND MATERIALS, NEC-----	1,370							1,370	
2911 GASOLINE-----	2,319								2,319
2914 DISTILLATE FUEL OIL-----	7,300							2,665	4,635
2915 RESIDUAL FUEL OIL-----	963,957		9,699	894,754				20,799	18,701
3291 MISC NONMETALLIC MINERAL PROD-----	2,320								2,320
3312 SLAG-----	5,000		5,000						
3317 IRON AND STEEL PIPE AND TUBE-----	900							200	700
3411 FABRICATED METAL PRODUCTS-----	2,067	300		332	85	200		1,150	
3511 MACHINERY, EXCEPT ELECTRICAL-----	13,769	5,664	220	1,430	1,640	460	80	1,831	2,440
3611 ELECTRICAL MACH AND EQUIP-----	2,570	800						1,420	350
3721 AIRCRAFT AND PARTS-----	109		69						40
3731 SHIPS AND BOATS-----	13,113	12,522	508						83
4112 COMMODITIES, NEC-----	500				350	150			
TOTAL TON-MILES-----	29,729,405								

CANAVERAL HARBOR, FLA.

SECTION INCLUDED: ENTRANCE CHANNEL FROM 37-FOOT DEPTH IN THE ATLANTIC OCEAN TO THE BARRIER BEACH 2.6 MILES, 36 FEET TO IRREGULAR-SHAPED TURNING BASIN 36 FEET DEEP, THENCE A BARGE CANAL 12 FEET DEEP THROUGH A LOCK IN THE PERIMETER DIKE TO THE INTRACOASTAL WATERWAY, A TOTAL OF 11.5 MILES. CONTROLLING DEPTHS ARE THE SAME AS THE FOREGOING PROJECT DEPTHS EXCEPT FOR ISOLATED SHOALING, IN THE ENTRANCE CHANNELS AND CONSIDERABLE SHOALING ALONG BOUNDARY LIMITS IN THE BARGE CANAL.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	YEAR	TONS
1973-----	2,362,974	1978-----	3,434,024
1974-----	3,241,780	1979-----	3,473,243
1975-----	2,937,221	1980-----	2,706,932
1976-----	3,078,775	1981-----	2,574,634
1977-----	2,807,463	1982-----	2,536,585

* PASSENGERS--23,154.

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE		INTERNAL
				RECEIPTS	RECEIPTS	
TOTAL-----	2,536,585	1,111,969	111,150	404,666	7,440	900,920
0131 FRESH FRUITS-----	8,993		8,993			
0141 FRESH AND FROZEN VEGETABLES-----	223	223				
0861 FOREST PRODUCTS, NEC-----	4		4			
0911 FRESH FISH, EXCEPT SHELLFISH-----	966	150				756
0912 SHELLFISH, EXCEPT PREPARED-----	4,800	63	15			4,722
1442 SAND, GRAVEL, CRUSHED ROCK-----	88		88			
1491 SALT-----	30,984	30,984				
2011 MEAT, FRESH, CHILLED, FROZEN-----	84		84			
2031 FISH AND SHELLFISH, PREPARED-----	64	56	8			
2039 PREP FRUIT AND VEG JUICE, NEC-----	63,439	60,930	2,909			
2095 ICE-----	3,450					3,450
2099 MISCELLANEOUS FOOD PRODUCTS-----	2		2			
2421 LUMBER-----	405		405			
2631 PAPER AND PAPERBOARD-----	27,761	27,761				
2711 PRINTED MATTER-----	2		2			
2819 BASIC CHEMICALS AND PROD, NEC-----	66		66			
2891 MISCELLANEOUS CHEMICAL PROD-----	84		84			
2911 GASOLINE-----	105,884			103,569	2,319	
2912 JET FUEL-----	10,672			10,672		
2914 DISTILLATE FUEL OIL-----	84,831			86,166		2,665
2915 RESIDUAL FUEL OIL-----	1,665,591	637,454		131,379		894,758
2918 ASPHALT, TAR, AND BITUMS-----	24,347	20,893		3,454		
2991 PETROLEUM AND COAL PROD, NEC-----	36,226			36,226		
3241 BUILDING CEMENT-----	363,086	329,872	14	33,200		
3315 IRON, STEEL SHAPES, EXC SHEET-----	5		5			
3411 FABRICATED METAL PRODUCTS-----	3,583	3,583				
3511 MACHINERY, EXCEPT ELECTRICAL-----	47					47
3711 MOTOR VEHICLES, PARTS, EQUIP-----	2		2			
3731 SHIPS AND BOATS-----	83					83
3911 MISC MANUFACTURED PRODUCTS-----	2		2			

JACKSONVILLE, FL, DISTRICT

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CANAVERAL HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS
4011 IRON AND STEEL SCRAP.....	97,978		97,978			
9999 DEPARTMENT OF DEFENSE AND SCI.....	489		489			
TOTAL TON-MILES, 4,169,498.						

PALM BEACH HARBOR, FLA.

SECTION INCLUDED: ATLANTIC OCEAN TO PORT OF PALM BEACH TERMINALS, 1.5 MILES; LAKE WORTH FROM RIVIERA BRIDGE TO SOUTHERN BOULEVARD BRIDGE AT WEST PALM BEACH, 7.5 MILES; AND "PALM BEACH, FLA., SIDE CHANNEL AND BASIN." CONTROLLING DEPTH: 32 FEET, OCEAN TO TURNING BASIN AT PORT OF PALM BEACH TERMINALS, AND 33 FEET IN TURNING BASIN; 12 FEET IN CHANNEL THROUGH LAKE WORTH; AND 3.5 FEET IN PALM BEACH SIDE CHANNEL AND BASIN. PROJECT DEPTH: 35 FEET PLUS OVERDEPTH IN ENTRANCE CHANNEL FROM OCEAN MERGING WITH AN INNER CHANNEL 35 FEET DEEP TO AND INCLUDING TURNING BASIN AT PORT OF PALM BEACH TERMINALS.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973.....	1,283,658	9,500	1978.....	734,022	1,366
1974.....	1,097,230	1,500	1979.....	1,090,760	
1975.....	1,022,628	15,100	1980.....	1,624,561	434
1976.....	1,026,085	4,194	1981.....	2,232,902	955
1977.....	681,978	779	1982.....	1,646,237	433

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE RECEIPTS	COASTWISE SHIPMENTS	INTERNAL RECEIPTS	INTERNAL SHIPMENTS
TOTAL.....	1,646,237	135,039	472,439	467,916	597,300	1,549	21,904
0102 BARLEY AND RYE.....	59		59				
0103 CORN.....	299		299				
0104 OATS.....	22		22				
0105 RICE.....	10,819		10,819				
0106 SORGHUM GRAINS.....	91		91				
0111 SOYBEANS.....	15		15				
0119 OILSEEDS, NEC.....	517		517				
0121 TOBACCO, LEAF.....	1,922	1,770	152				
0129 FIELD CROPS, NEC.....	60	1	59				
0131 FRESH FRUITS.....	2,558		2,558				
0132 BANANAS AND PLANTAINS.....	825	689	136				
0133 COFFEE.....	132	21	111				
0141 FRESH AND FROZEN VEGETABLES.....	4,436	97	4,339				
0161 ANIMALS AND PRODUCTS, NEC.....	82	17	65				
0191 MISCELLANEOUS FARM PRODUCTS.....	516		516				
0861 FOREST PRODUCTS, NEC.....	12		12				
0911 FRESH FISH, EXCEPT SHELLFISH.....	1,759	173	161			1,425	
0912 SHELLFISH, EXCEPT PREPARED.....	380	327	29			24	
1311 CRUDE PETROLEUM.....	102		102				
1411 LIMESTONE.....	140		140				
1412 BUILDING STONE, UNWORKED.....	7		7				
1442 SAND, GRAVEL, CRUSHED ROCK.....	875		875				
1451 CLAY.....	38		38				
1491 SALT.....	693		693				
1492 SULPHUR, DRY.....	6		6				
1499 NONMETALLIC MINERALS, NEC.....	33		33				
1911 ORDONANCE AND ACCESSORIES.....	8		8				
2011 MEAT, FRESH, CHILLED, FROZEN.....	7,512	19	7,493				
2012 MEAT AND PRODUCTS, NEC.....	3,072	40	3,032				
2014 TALLOW, ANIMAL FATS AND OILS.....	74		74				
2021 DAIRY PRODUCTS, NEC.....	2,025		2,025				
2022 DRIED MILK AND CREAM.....	11,683	114	11,565				
2031 FISH AND SHELLFISH, PREPARED.....	877	324	553				
2034 VEGETABLES AND PREP, NEC.....	5,719		5,719				
2039 PREP FRUIT AND VEG JUICE, NEC.....	6,896		6,896				
2041 WHEAT FLOUR AND SEMOLINA.....	5,541		5,541				
2042 ANIMAL FEEDS.....	35,898		35,898				
2049 GRAIN MILL PRODUCTS, NEC.....	4,977	4	4,973				
2061 SUGAR.....	615,823		6,050		548,315		21,458
2062 MOLASSE.....	180,374		171,249		9,075		
2081 ALCOHOLIC BEVERAGES.....	28,599	262	28,337				
2091 VEGETABLE OILS, MARG, SHORT.....	4,440		4,440				
2092 ANIMAL OILS AND FATS, NEC.....	37		37				
2095 ICE.....	371						371
2099 MISCELLANEOUS FOOD PRODUCTS.....	8,766	144	8,622				
2111 TOBACCO MANUFACTURES.....	426	17	409				
2211 BASIC TEXTILE PRODUCTS.....	2,629	4	2,625				
2212 TEXTILE FIBERS, NEC.....	10		10				
2311 APPAREL.....	781	164	617				
2411 LOGS.....	37		37				
2413 FUEL WOOD, CHARCOAL, WASTES.....	92		92				
2414 TIMBER, POSTS, POLES, PILING.....	337		337				
2421 LUMBER.....	8,717	82	8,635				
2431 VENEER, PLYWOOD, WORKED WOOD.....	3,052		3,052				
2491 WOOD MANUFACTURES, NEC.....	2,055		2,055				

Waterborne Commerce of the United States, 1982

PALM BEACH HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS
2511 FURNITURE AND FIXTURES-----	2,485	97	2,388				
2611 PULP-----	213	10	203				
2631 PAPER AND PAPERBOARD-----	2,172	4	2,168				
2691 PULP AND PAPER PRODUCTS, NEC-----	6,125	6	6,119				
2711 PRINTED MATTER-----	854	2	852				
2811 CRUDE TAR, OIL, GAS PRODUCTS-----	2		2				
2812 DYES, PIGMENT, TANNING MATS-----	32		32				
2813 ALCOHOLS-----	4		4				
2819 BASIC CHEMICALS AND PROD, NEC-----	12,150	130	12,020				
2821 PLASTIC MATERIALS-----	2,529		2,529				
2822 SYNTHETIC RUBBER-----	16		16				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	11		11				
2831 DRUGS-----	3,225	17	3,208				
2841 SOAP-----	5,661	184	5,477				
2851 PAINTS-----	1,293	12	1,281				
2871 NITROGENOUS CHEM FERTILIZERS-----	749		749				
2872 POTASSIC CHEM FERTILIZERS-----	5,000		5,000				
2873 PHOSPHATIC CHEM FERTILIZERS-----	912		912				
2874 INSECTICIDES, DISINFECTANTS-----	239	62	177				
2879 FERTILIZER AND MATERIALS, NEC-----	1,738		1,738				
2891 MISCELLANEOUS CHEMICAL PROD-----	2,849	10	2,839				
2911 GASOLINE-----	56		56				
2914 DISTILLATE FUEL OIL-----	242		242				
2915 RESIDUAL FUEL OIL-----	521,728	74,582	447,146				
2916 LUBRICATING OILS AND GREASES-----	2,306	19	2,287				
2918 ASPHALT, TAR, AND BITUMENS-----	39		39				
2920 COKE, PETROLEUM COKE-----	522		522				
2921 LIQUEFIED GASES-----	1,923	1,396	527				
2951 ASPHALT BUILDING MATERIALS-----	1,127		1,127				
2991 PETROLEUM AND COAL PROD, NEC-----	23		23				
3011 RUBBER AND MISC PLASTIC PROD-----	4,720	37	4,683				
3111 LEATHER AND LEATHER PRODUCTS-----	549	14	535				
3211 GLASS AND GLASS PRODUCTS-----	4,213		4,213				
3241 BUILDING CEMENT-----	75,088	52,200	22,888	16,770			
3251 STRUCTURAL CLAY PRODUCTS-----	3,828		3,828				
3271 LIME-----	283		283				
3281 CUT STONE AND STONE PRODUCTS-----	115		115				
3291 MISC NONMETALLIC MINERAL PROD-----	3,422	33	3,389				
3315 IRON, STEEL SHAPES, EXC SHEET-----	806		806				
3316 IRON AND STEEL PLATES, SHEETS-----	151		151				
3317 IRON AND STEEL PIPE AND TUBE-----	814		814				
3318 FERROALLOYS-----	1,242		1,242				
3319 IRON AND STEEL PRODUCTS, NEC-----	265		265				
3321 NONFERROUS METALS, NEC-----	456	6	450				
3322 COPPER ALLOYS, UNWORKED-----	299		299				
3323 LEAD AND ZINC, UNWORKED-----	15		15				
3324 ALUMINUM AND ALLOYS, UNWORKED-----	351	5	346				
3411 FARRICATED METAL PRODUCTS-----	12,448	33	12,415				
3511 MACHINERY, EXCEPT ELECTRICAL-----	22,393	106	22,287			100	75
3611 ELECTRICAL MACH AND EQUIP-----	7,170	191	6,979				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	7,043	84	6,959				
3731 SHIPS AND BOATS-----	734		734				
3791 MISC TRANSPORTATION EQUIPMENT-----	653		653				
3811 INSTR, TIME, PHOTO, OPT GOODS-----	1,109	10	1,099				
3911 MISC MANUFACTURED PRODUCTS-----	891	3	888				
4011 IRON AND STEEL SCRAP-----	346	330	16				
4012 NONFERROUS METAL SCRAP-----	57	57					
4022 TEXTILE WASTE, SCRAP, SHEEP-----	50		50				
4112 COMMODITIES, NEC-----	3,130	166	2,964				
9999 DEPARTMENT OF DEFENSE AND SCT-----	98		98				
TOTAL TON-MILES,-----	3,351,258.						

PORT EVERGLADES HARBOR, FLA.

SECTION INCLUDED: ATLANTIC OCEAN TO TERMINALS AT PORT EVERGLADES, 1.6 MILES; SECTION OF INTRACOASTAL WATERWAY, LOS OLAS BOULEVARD BRIDGE, PORT LAUDERDALE, FLA., TO WASHINGTON STREET, HOLLYWOOD, FLA., 8.7 MILES; DANIA CUT-OFF CANAL, 6 MILES; AND "NEW RIVER, FLA." PROJECT, 7.8 MILES. CONTROLLING DEPTH: 40 FEET IN ENTRANCE CHANNELS; 37 FEET THROUGH TURNING BASIN TO MAIN SLIP AT PORT EVERGLADES; 18 FEET IN INTRACOASTAL WATERWAY SECTION; 8 FEET IN NEW RIVER IN 1956, AND 6.5 IN DANIA CUT-OFF CANAL. PROJECT DEPTH: 40 FEET, ATLANTIC OCEAN TO STATION 41 CONVERGING TO 37 FEET AT STATION 51, THENCE 37 FEET TO AND INCLUDING TURNING BASIN AT PORT EVERGLADES TERMINALS, AND 8 FEET IN NEW RIVER.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	12,941,730	356,530	1978-----	11,963,825	1,268,789
1974-----	11,556,514	323,310	1979-----	13,030,616	1,000,000
1975-----	10,427,161	1,345,684	1980-----	13,247,691	988,000
1976-----	12,020,700	1,028,101	1981-----	12,031,162	1,150,000
1977-----	11,420,434	1,029,595	1982-----	11,847,534	982,952

JACKSONVILLE, FL, DISTRICT

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PORT EVERGLADES HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1962

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC		LOCAL		
		IMPORTS	EXPORTS	COASTWISE			INTERNAL	
				RECEIPTS	SHIPMENTS		RECEIPTS	SHIPMENTS
TOTAL	11,487,539	1,730,352	216,903	8,960,514	490,356	57,141	49,747	6,522
0103 CORN	5		5					
0105 RICE	283		283					
0106 SORGHUM GRAINS	1		1					
0119 OILSEEDS, NEC	222	142	80					
0121 TOBACCO, LEAF	17,715	17,695	20					
0129 FIELD CROPS, NEC	77	57	20					
0131 FRESH FRUITS	9,431	477	4,954					
0132 BANANAS AND PLANTAINS	8,468	8,440	28					
0133 COFFEE	2,742	2,713	29					
0134 COCOA BEANS	58	58						
0139 FRESH AND FROZEN VEGETABLES	1,578	1,062	516					
0161 ANIMALS AND PRODUCTS, NEC	500	435	65					
0191 MISCELLANEOUS FARM PRODUCTS	272	45	227					
0843 CRUDE RUBBER AND ALLIED GUMS	13	13						
0861 FOREST PRODUCTS, NEC	349	225	54				120	
0911 FRESH FISH, EXCEPT SHELLFISH	1,130	1,042	88					
0912 SHELLFISH, EXCEPT PREPARED	830	704	126					
1051 ALUMINUM ORES, CONCENTRATED	48		48					
1121 COAL AND LIGNITE	21	21						
1311 CRUDE PETROLEUM	343,806				343,806			
1411 LIMESTONE	84,454	84,400	454					
1412 BUILDING STONE, UNWORKED	7A		7A					
1442 SAND, GRAVEL, CRUSHED ROCK	47,321	43	30,479			13,454		2,404
1451 CLAY	750	141	419				150	
1491 SALT	521	17	504					
1499 NONMETALLIC MINERALS, NEC	2,100	20	2,080					
1911 ORDNANCE AND ACCESSORIES	118		118					
2011 MEAT, FRESH, CHILLED, FROZEN	10,584	8,180	2,364					
2012 MEAT AND PRODUCTS, NEC	2,236	1,053	1,183					
2014 TALLOW, ANIMAL FATS AND OILS	35		35					
2015 ANIMAL BY-PRODUCTS, NEC	927		927					
2021 DAIRY PRODUCTS, NEC	4,650	4,236	422					
2022 DRIED MILK AND CREAM	6,701	6,615	86					
2031 FISH AND SHELLFISH, PREPARED	973	932	41					
2034 VEGETABLES AND PREP, NEC	6,113	5,805	308					
2039 PREP FRUIT AND VEG JUICE, NEC	19,381	2,737	16,644					
2041 WHEAT FLOUR AND SEMOLINA	137		137					
2042 ANIMAL FEEDS	3,517	144	3,373					
2049 GRAIN MILL PRODUCTS, NEC	2,708	2,213	495					
2061 SUGAR	800		471					329
2081 ALCOHOLIC BEVERAGES	103,407	100,295	3,112					
2091 VEGETABLE OILS, MARK, SHORT	1,324		956					
2092 ANIMAL OILS AND FATS, NEC	257		237					
2099 MISCELLANEOUS FOOD PRODUCTS	13,293	11,511	1,782					
2111 TOBACCO MANUFACTURES	412		388					
2211 BASIC TEXTILE PRODUCTS	2,483	1,510	973					
2311 APPAREL	312	147	165					
2411 LOGS	5A		5A					
2413 FUEL WOOD, CHARCOAL, WASTES	20	3	17					
2414 TIMBER, POSTS, POLES, PILING	279		279					
2421 LUMBER	67,879	63,209	4,670					
2431 VENEER, PLYWOOD, WORKED WOOD	1,666	153	1,513					
2491 WOOD MANUFACTURED, NEC	1,580	390	1,190					
2511 FURNITURE AND FIXTURES	5,093	4,222	871					
2611 PULP	3		3					
2631 PAPER AND PAPERBOARD	73,273	72,664	609					
2691 PULP AND PAPER PRODUCTS, NEC	1,639	336	1,301					
2711 PRINTED MATTER	737	674	63					
2811 CRUDE TAR, OIL, GAS PRODUCTS	26	14	12					
2812 DYES, PIGMENT, TANNING MATS	13		13					
2819 BASIC CHEMICALS AND PROD, NEC	10,620	2,133	8,487					
2821 PLASTIC MATERIALS	15,214	14,906	308					
2822 SYNTHETIC RUBBER	107		107					
2823 SYNTHETIC (MAN-MADE) FIBERS	211	147	64					
2831 DRUGS	2,879	2,845	34					
2841 SOAP	2,046	1,511	585					
2851 PAINTS	1,755	1,076	679					
2861 GUM AND WOOD CHEMICALS	22		22					
2873 PHOSPHATIC CHEM FERTILIZERS	6,181	6,174	5					
2876 INSECTICIDES, DISINFECTANTS	863	794	69					
2879 FERTILIZER AND MATERIALS, NEC	490	1	489					
2891 MISCELLANEOUS CHEMICAL PROD	1,901	405	1,496					
2911 GASOLINE	5,455,993	84,632	1,213	5,350,062	20,046			
2912 JET FUEL	2,127,947			2,125,278	2,669			
2913 KEROSENE	115,372	85,189	100	30,083				
2914 DISTILLATE FUEL OIL	934,365	73,435		850,616	9,679			4,635
2915 RESIDUAL FUEL OIL	1,021,955	514,418		535,071	112,466	20,794		34,701
2916 LUBRICATING OILS AND GREASES	2,184	156	1,045	883				
2917 NAPHTHA, PETROLEUM SOLVENTS	15,077			15,077				
2918 ASPHALT, TAR, AND BITUMENS	302,971	216,840	648	83,483				
2921 LIQUEFIED GASES	76,444	12	7	76,425				
2951 ASPHALT BUILDING MATERIAL	4,248		4,248					
3011 RUBBER AND MISC PLASTIC PROD	4,319	3,280	1,039					
3111 LEATHER AND LEATHER PRODUCTS	878	821	57					
3211 GLASS AND GLASS PRODUCTS	4,073	3,627	446					
3241 BUILDING CEMENT	292,350	193,331	5,839	93,180				
3251 STRUCTURAL CLAY PRODUCTS	24,229	23,078	1,151					
3271 LIME	27		27					
3281 CUT STONE AND STONE PRODUCTS	7,255	7,026	229					
3291 MISC NONMETALLIC MINERAL PROD	6,962	1,904	5,058					
3314 IRON AND STEEL PRIMARY FORMS	2		2					
3315 IRON, STEEL SHAPES, EXC SHEET	37,190	35,531	1,659					

Waterborne Commerce of the United States, 1982

PORT EVERGLADES HARBOR, FLA.--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3316 IRON AND STEEL PLATES, SHEETS-----	377	18	359					
3317 IRON AND STEEL PIPE AND TUBE-----	3,805	2,910	895					
3319 IRON AND STEEL PRODUCTS, NEC-----	1,789	1,765	24					
3321 NONFERROUS METALS, NEC-----	323	212	111					
3322 COPPER ALLOYS, UNWORKED-----	290	235	55					
3323 LEAD AND ZINC-----	60	60						
3324 ALUMINUM AND ALLOYS, UNWORKED-----	2,310	1,933	377					
3411 FABRICATED METAL PRODUCTS-----	20,148	12,966	4,265		1,150	1,234	51	482
3511 MACHINERY, EXCEPT ELECTRICAL-----	18,922	9,508	2,724	60		1,450	2,090	3,090
3611 ELECTRICAL MACH AND EQUIP-----	3,767	1,753	2,014					
3711 MOTOR VEHICLES, PARTS, EQUIP-----	4,704	1,730	3,066					
3721 AIRCRAFT AND PARTS-----	82	42	40					
3731 SHIPS AND BOATS-----	1,052	496	556					
3791 MISC TRANSPORTATION EQUIPMENT-----	344		344					
3811 INSTR, TIME, PHOTO, OPT GOODS-----	523	379	144					
3911 MISC MANUFACTURED PRODUCTS-----	2,120	1,704	416					
4011 IRON AND STEEL SCRAP-----	72,495	1	72,494					
4012 NONFERROUS METAL SCRAP-----	646	40	606					
4022 TEXTILE WASTE, SCRAP, SWEEP-----	139		139					
4024 PAPER WASTE AND SCRAP-----	4,381		4,381					
4112 COMMODITIES, NEC-----	13,383	12,649	494			200		
9999 DEPARTMENT OF DEFENSE AND SCI-----	14		14					
TOTAL TON-MILES, 22,574,836.								

MIAMI HARBOR, FLA.

SECTION INCLUDED: ATLANTIC OCEAN TO INNER END OF TURNING BASIN AT MIAMI, 6 MILES; MELOY CHANNEL AND THENCE NATURAL CHANNELS ALONG THE EASTERLY SIDE OF BISCAYNE BAY TO BAKERS MAULOVER INLET, FLA., ABOUT 11 MILES; CHANNEL FROM TURNING BASIN TO MOUTH OF MIAMI RIVER, 1.1 MILES; EXISTING FLORIDA EAST COAST RAILWAY CHANNEL, FISHERMANS CHANNEL FROM MOUTH OF MIAMI RIVER TO GOVERNMENT CUT, 3 MILES; AND THE CHANNELS REPORTED UNDER "MIAMI RIVER, FLA." CONTROLLING DEPTHS: 30 FEET IN MIDDLE HALF OF ENTRANCE CHANNEL AND TURNING BASIN; ABOUT 19 FEET IN MELOY CHANNEL, AND THENCE 6.5 FEET IN NATURAL CHANNELS ALONG EASTERLY SIDE OF BISCAYNE BAY TO BAKERS MAULOVER INLET; ABOUT 12 FEET IN CHANNEL FROM TURNING BASIN TO MOUTH OF MIAMI RIVER; AND 6.5 FEET IN FLORIDA EAST COAST RAILWAY CHANNEL; AND THE DEPTHS REPORTED UNDER "MIAMI RIVER, FLA." PROJECT DEPTHS: 30 FEET IN ENTRANCE CHANNEL, OCEAN TO AND INCLUDING TURNING BASIN AT MIAMI; 15 FEET IN CHANNEL FROM TURNING BASIN TO MOUTH OF MIAMI RIVER; THE CHANNELS REPORTED UNDER "MIAMI RIVER, FLA." AND 8 FEET IN FLORIDA EAST COAST RAILWAY CHANNEL.

COMPARATIVE STATEMENT OF TRAFFIC

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973-----	5,569,009	750,000	1976-----	3,667,050	1,368,580
1974-----	4,141,487	560,011	1979-----	3,576,771	812,440
1975-----	3,585,001	1,720,606	1980-----	3,929,398	817,446
1976-----	3,708,755	1,641,111	1981-----	3,626,026	809,072
1977-----	3,404,543	1,553,982	1982-----	3,160,063	866,000

FREIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC				LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL		
				RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
TOTAL-----	3,160,063	772,699	1,617,044	334,811	365,163	45,969	23,002	1,375
0101 COTTON, RAW-----	447	100	347					
0102 BARLEY AND RYE-----	41		41					
0103 CORN-----	1,163		1,163					
0104 OATS-----	83		83					
0105 RICE-----	9,315		9,315					
0106 SORGHUM GRAINS-----	848		848					
0107 WHEAT-----	3		3					
0111 SOYBEANS-----	9		9					
0119 OILSEEDS, NEC-----	3,348	2,310	1,028		10			
0121 TORACCO, LEAF-----	11,498	6,882	2,696					
0129 FIELD CROPS, NEC-----	700	240	393		67			
0131 FRESH FRUITS-----	41,320	203	41,007		10			
0132 BANANAS AND PLANTAINS-----	94,645	94,571	74					
0133 COFFEE-----	106,181	95,513	5,271	5,387	10			
0134 COCOA BEANS-----	333	333						
0141 FRESH AND FROZEN VEGETABLES-----	43,144	21,753	20,057	111	427			
0151 LIVE ANIMALS-----	6	4	2					
0161 ANIMALS AND PRODUCTS, NEC-----	4,082	692	3,366		24			
0191 MISCELLANEOUS FARM PRODUCTS-----	4,311	2,643	1,615	13				
0801 CRUD RUBBER AND ALLIED GUMS-----	3,131	22	3,131		18			
0861 FOREST PRODUCTS, NEC-----	1,062	574	484					
0911 FRESH FISH, EXCEPT SHELLFISH-----	13,164	2,764	8,644	241		1,519		
0912 SHELLFISH, EXCEPT PREPARED-----	22,248	21,052	474	39	275	4		
1011 IRON ORE AND CONCENTRATES-----	168		168					
1051 ALUMINUM ORES, CONCENTRATES-----	76	37	39					
1091 NONFERROUS ORES, CONCENT, NEC-----	183		183					
1121 COAL AND LIGNITE-----	672		672					
1411 LIMESTONE-----	1,501	7	1,499					
1412 BUILDING STONE, UNWORKED-----	2,323		2,323					
1442 SAND, GRAVEL, CRUSHED ROCK-----	9,194	1,434	3,341		19			
1451 CLAY-----	9,528	20	9,508					

JACKSONVILLE, FL, DISTRICT

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MIAMI HARBOR, FLA.--CONTINUED
 FREIGHT TRAFFIC, 1942--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
1471 PHOSPHATE ROCK	205		205					
1491 SALT	1,416	4	1,412					
1492 SULPHUR, DRY	235		235					
1499 GYPSUM, CRUDE AND PLASTERS	249				249			
1499 NONMETALLIC MINERALS, NEC	4,547	1	4,494		52			
1911 ORDNANCE AND ACCESSORIES	745	468	277					
2011 MEAT, FRESH, CHILLED, FROZEN	107,530	47,219	58,360	597	1,344			
2012 MEAT AND PRODUCTS, NEC	15,950	1,136	9,902	43	4,869			
2014 TALLOW, ANIMAL FATS AND OILS	24,774		24,561		213			
2015 ANIMAL BY-PRODUCTS, NEC	985	449	534					
2021 DAIRY PRODUCTS, NEC	10,277	1,541	8,603		47			
2022 DRIED MILK AND CREAM	7,859	78	7,007					
2031 FISH AND SHELLFISH, PREPARED	14,074	5,728	11,706	1,640				
2034 VEGETABLES AND PREP, NEC	33,232	6,919	26,069	191	53			
2039 PREP FRUIT AND VEG JUICE, NEC	49,101	25,545	35,819	2,866	4,871			
2041 WHEAT FLOUR AND SEMOLINA	2,000		2,000					
2042 ANIMAL FEEDS	22,439	73	22,707	41	14			
2049 GRAIN MILL PRODUCTS, NEC	21,427	1,072	20,252	103				
2061 SUGAR	11,339	2,454	8,885					
2062 MOLASSES	9,106		8,639	92	375			
2081 ALCOHOLIC BEVERAGES	59,247	21,956	28,345	8,817	129			
2091 VEGETABLE OILS, MARG, SHORT	12,143	369	11,774					
2092 ANIMAL OILS AND FATS, NEC	1,998		1,998					
2094 GROCERIES	17				17			
2095 ICE	448				448			
2099 MISCELLANEOUS FOOD PRODUCTS	59,416	4,853	48,974	3,153	2,436			
2111 TOBACCO MANUFACTURES	12,041	2,386	9,474	141				
2111 BASIC TEXTILE PRODUCTS	65,739	6,325	56,935	12	467			
2121 TEXTILE FIBERS, NEC	261		239		22			
2111 APPAREL	27,380	11,237	15,490	470	183			
2411 LOGS	3,978		3,978					
2413 FUEL WOOD, CHARCOAL, WASTES	488	17	431					
2414 TIMBER, POSTS, POLES, PILING	1,608	430	1,073		105			
2416 WOOD CHIPS, STAVES, MOLDINGS	402	1	401					
2421 LUMBER	51,462	15,859	35,603					
2431 VENEER, PLYWOOD, WORKED WOOD	13,711	3,234	10,477					
2491 WOOD MANUFACTURES, NEC	29,109	10,132	18,779	25	173			
2511 FURNITURE AND FIXTURES	23,203	4,841	18,092	24	246			
2611 PULP	2,157		2,157					
2621 STANDARD NEWSPRINT PAPER	406				405			
2631 PAPER AND PAPERBOARD	96,763	25,146	71,544	11	22			
2691 PULP AND PAPER PRODUCTS, NEC	38,134	1,723	36,050	1	360			
2711 PRINTED MATTER	15,912	365	15,447	46	14			
2811 CRUDE TAR, OIL, GAS PRODUCTS	128		128					
2812 DYES, PIGMENT, TANNING MATS	635		635					
2815 ALCOHOLS	75		75					
2816 RADIOACTIVE MATERIALS, WASTES	27		3		22			
2819 BASIC CHEMICALS AND PROD, NEC	52,174	1,242	50,658	16	254			
2821 PLASTIC MATERIALS	38,558	808	37,203		547			
2822 SYNTHETIC RUBBER	2,093		2,093					
2823 SYNTHETIC (MAN-MADE) FIBERS	20,225	65	20,140					
2831 DRUGS	6,311	48	6,141	37	45			
2841 SOAP	25,084	741	23,263	346	734			
2851 PAINTS	8,527	452	7,770	46	219			
2861 GUM AND WOOD CHEMICALS	474	88	386					
2871 NITROGENOUS CHEM FERTILIZERS	2,454		2,454					
2872 POTASSIC CHEM FERTILIZERS	304		304					
2873 PHOSPHATIC CHEM FERTILIZERS	2,573		2,573					
2876 INSECTICIDES, DISINFECTANTS	4,286	83	4,222	21				
2879 FERTILIZER AND MATERIALS, NEC	3,554	142	3,397		15			
2891 MISCELLANEOUS CHEMICAL PROD	22,089	1,499	20,464	31	95			
2911 GASOLINE	1,654		1,654					
2913 KEROSENE	146		146					
2914 DISTILLATE FUEL OIL	15,569		183	9,424	4,635			1,325
2915 RESIDUAL FUEL OIL	770,926	132,278	8	268,955	310,185	38,701	20,798	
2916 LUBRICATING OILS AND GREASES	6,088	14	5,802		272			
2917 NAPHTHA, PETROLEUM SOLVENTS	37				37			
2918 ASPHALT, TAR, AND BITUMENS	11,734	9,250	2,484					
2920 COKE, PETROLEUM COKE	1,800	1,357	443					
2921 LIQUEFIED GASES	821		710		111			
2931 ASPHALT BUILDING MATERIALS	5,026		4,848	64	110			
2991 PETROLEUM AND COAL PROD, NEC	600		600					
3011 RUBBER AND RUBR PLASTIC PROD	65,337	5,249	58,950	142	974			
3111 LEATHER AND LEATHER PRODUCTS	9,117	3,705	5,335	66	11			
3211 GLASS AND GLASS PRODUCTS	35,599	5,968	29,345		286			
3241 BUILDING CEMENT	3,800	61	2,862		477			
3251 STRUCTURAL CLAY PRODUCTS	46,432	35,004	11,771		57			
3271 LIME	550		550					
3281 CUT STONE AND STONE PRODUCTS	25,396	24,931	467					
3291 MISC NONMETALLIC MINERAL PROD	23,362	4,656	18,526		131			
3314 IRON AND STEEL PRIMARY FORMS	268		268					
3315 IRON, STEEL SHAPES, EXC SHEET	8,025	1,877	6,107		41			
3316 IRON AND STEEL PLATES, SHEETS	6,609	126	6,483					
3317 IRON AND STEEL PIPE AND TUBE	8,612	1,121	6,527	90	674		200	
3318 FERROALLOYS	1,420	59	1,361					
3319 IRON AND STEEL PRODUCTS, NEC	3,941	1,705	2,110	111	15			
3321 NONFERROUS METALS, NEC	2,785	92	2,692	1				
3322 COPPER ALLOYS, UNWORKED	4,868	460	4,392	16				
3323 LEAD AND ZINC, UNWORKED	347	110	237					
3324 ALUMINUM AND ALLOYS, UNWORKED	6,351	1,323	4,763	36	229			
3411 FARRICATED METAL PRODUCTS	84,838	19,544	64,346	223	725			
3511 MACHINERY, EXCEPT ELECTRICAL	151,258	10,461	136,805	603	614	1,110	1,555	50
3611 ELECTRICAL MACH AND EQUIP	134,215	22,066	103,793	342	4,974			
3711 MOTOR VEHICLES, PARTS, EQUIP	104,962	6,602	98,651	963	2,346			

MIAMI HARBOR, FLA.--CONTINUED
 FREIGHT TRAFFIC, 1982--CONTINUED
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	RECEIPTS	SHIPMENTS	RECEIPTS	SHIPMENTS	
3731 SHIPS AND BOATS	6,145	2,496	3,500		149			
3791 MISC TRANSPORTATION EQUIPMENT	7,206		7,206					
3811 INSTA, TIME, PHOTO, OPT GOODS	8,265	2,481	5,689	95				
3911 MISC MANUFACTURED PRODUCTS	30,721	9,538	20,945	141	97			
4011 IRON AND STEEL SCRAP	1,699	39	1,586	74				
4012 NONFERROUS METAL SCRAP	2,258	1,515	707	36				
4022 TEXTILE WASTE, SCRAP, SHEEP	5,369		5,323	26	20			
4024 PAPER WASTE AND SCRAP	31,274	1	31,273					
4112 COMMODITIES, NEC	64,666	6,307	11,953	27,596	18,908			
9999 DEPARTMENT OF DEFENSE AND SCI	1,394		1,394					
TOTAL TON-MILES	14,090,509							

MIAMI RIVER, FLA. (INCLUDED IN TRAFFIC OF MIAMI HARBOR, FLA.)

SECTION INCLUDED: MOUTH TO N. W. 36TH STREET BRIDGE, 5.7 MILES, CONTROLLING DEPTH: 4.7 FEET AT MEAN LOW WATER FROM MOUTH TO MIAMI CANAL, AND THENCE TO 9.3 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

YEAR	TONS	PASSENGERS	YEAR	TONS	PASSENGERS
1973	310,679		1978	326,943	400,000
1974	310,717	59	1979	368,458	400,000
1975	196,318	455,050	1980	394,391	405,400
1976	293,489	357,547	1981	412,707	404,536
1977	339,001	400,000	1982	445,803	400,000

FREIGHT TRAFFIC, 1982
 (SHORT TONS)

COMMODITY	TOTAL	FOREIGN		COASTWISE		DOMESTIC INTERNAL		LOCAL
		IMPORTS	EXPORTS	SHIPMENTS	RECEIPTS	SHIPMENTS		
							TOTAL	
0101 COTTON, RAW	127		127					
0103 CORN	83		83					
0105 RICE	2,084		2,084					
0106 SOYBEAN GRAINS	1		1					
0107 WHEAT	3		3					
0119 OILSEEDS, NEC	66		66					
0121 TOBACCO, LEAF	1,215	204	1,009					
0129 FIELD CROPS, NEC	127		127					
0131 FRESH FRUITS	3,589	12	3,577					
0132 BANANAS AND PLANTAINS	71,024	70,980	44					
0133 COFFEE	6,461	2,017	4,444					
0141 FRESH AND FROZEN VEGETABLES	9,104	3,820	5,284					
0151 LIVE ANIMALS	4	4						
0161 ANIMALS AND PRODUCTS, NEC	1,824	206	1,618					
0191 MISCELLANEOUS FARM PRODUCTS	701	23	678					
0841 CRUDE RUBBER AND ALLIED GUMS	136		136					
0861 FOREST PRODUCTS, NEC	29	23	26					
0911 FRESH FISH, EXCEPT SHELLFISH	2,327	628	1,699		1,519			
0912 SHELLFISH, EXCEPT PREPARED	3,568	3,549	15		4			
1011 IRON ORE AND CONCENTRATES	63		63					
1051 ALUMINUM ORES, CONCENTRATES	1		1					
1091 NONFERROUS ORES, CONCENT, NEC	3		3					
1121 COAL AND LIGNITE	13		13					
1411 LIMESTONE	639		639					
1412 BUILDING STONE, UNWORKED	1,239		1,239					
1442 SAND, GRAVEL, CRUSHED ROCK	1,509		1,509					
1651 CLAY	1,083		1,083					
1671 PHOSPHATE ROCK	138		138					
1691 SALT	244		244					
1699 NONMETALLIC MINERALS, NEC	806		806					
1911 ORDNANCE AND ACCESSORIES	31		31					
2011 MEAT, FRESH, CHILLED, FROZEN	10,671	5,180	5,491					
2012 MEAT AND PRODUCTS, NEC	1,481	3	1,478					
2014 TALLOW, ANIMAL FATS AND OILS	7,107		7,107					
2021 DAIRY PRODUCTS, NEC	1,513		1,513					
2022 DRIED MILK AND CREAM	1,343		1,343					
2031 FISH AND SHELLFISH, PREPARED	835	468	367					
2034 VEGETABLES AND PREP, NEC	3,242	51	3,191					
2039 PREP FRUIT AND VEG JUICE, NEC	12,593	1,084	11,509					
2041 WHEAT FLOUR AND SEMOLINA	744		744					
2042 ANIMAL FEEDS	6,785	41	6,744					
2049 GRAIN MILL PRODUCTS, NEC	6,458	18	6,440					
2061 SUGAR	4,087		4,087					
2062 MOLASSES	37		37					
2081 ALCOHOLIC BEVERAGES	13,408		13,408					
2091 VEGETABLE OILS, MARG, SHRT	1,910	3	1,907					
2095 ICE	448					448		

JACKSONVILLE, FL, DISTRICT

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MIAMI RIVER, FLA. (INCLUDED IN TRAFFIC OF MIAMI HARBOR, FLA.)--CONTINUED

FREIGHT TRAFFIC, 1982--CONTINUED

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN		DOMESTIC			LOCAL
		IMPORTS	EXPORTS	COASTWISE		INTERNAL	
				SHIPMENTS	RECEIPTS		
2099 MISCELLANEOUS FOOD PRODUCTS	16,977		16,177				
2111 TOBACCO MANUFACTURES	2,312	100	2,212				
2211 BASIC TEXTILE PRODUCTS	6,138	189	5,949				
2212 TEXTILE FINERS, NEC	16		16				
2311 APPAREL	5,505	1,274	4,229				
2411 LOGS	53		53				
2413 FUEL WOOD, CHARCOAL, WASTES	154		154				
2414 TIMBER, POSTS, POLES, PILING	377		377				
2416 WOOD CHIPS, STAVES, MOLDIRS	134		134				
2421 LUMBER	24,866	225	24,641				
2431 VENEER, PLYWOOD, WORKED WOOD	4,847		4,847				
2491 WOOD MANUFACTURES, NEC	8,827	18A	8,610				
2511 FURNITURE AND FIXTURES	4,954	2A	4,926				
2611 PULP	1,420		1,420				
2631 PAPER AND PAPERBOARD	20,129	4	20,125				
2691 PULP AND PAPER PRODUCTS, NEC	6,309	2	6,307				
2711 PRINTED MATTER	951	22	929				
2811 CRUDE TAR, OIL, GAS PRODUCTS	89		89				
2812 DYES, PIGMENT, TANNING MATS	88		88				
2813 ALCOHOLS	4		4				
2819 BASIC CHEMICALS AND PROD, NEC	10,456		10,456				
2821 PLASTIC MATERIALS	3,190	6	3,184				
2822 SYNTHETIC RUBBER	52		52				
2823 SYNTHETIC (MAN-MADE) FIBERS	715		715				
2831 DRUGS	617		617				
2841 SOAPS	5,905	51	5,854				
2851 PAINTS	1,900		1,900				
2861 GUM AND WOOD CHEMICALS	209		209				
2871 NITROGENOUS CHEM FERTILIZERS	25		25				
2873 PHOSPHATIC CHEM FERTILIZERS	533		533				
2876 INSECTICIDES, DISINFECTANTS	254		254				
2879 FERTILIZER AND MATERIALS, NEC	921		921				
2891 MISCELLANEOUS CHEMICAL PROD	2,351	12	2,339				
2911 GASOLINE	304		304				
2914 DISTILLATE FUEL OIL	1,484		159			1,325	
2916 LUBRICATING OILS AND GREASES	3,442		3,442				
2918 ASPHALT, TAR, AND BITUMENS	1,550	230	1,320				
2920 COKE, PETROLEUM COKE	164	154	10				
2921 LIQUEFIED GASES	55		55				
2951 ASPHALT BUILDING MATERIALS	2,950		2,950				
2991 PETROLEUM AND COAL PROD, NEC	277		277				
3011 RUBBER AND MISC PLASTIC PROD	8,816		8,816				
3111 LEATHER AND LEATHER PRODUCTS	1,703	39	1,664				
3211 GLASS AND GLASS PRODUCTS	3,196		3,196				
3241 BUILDING CEMENT	1,523		1,523				
3251 STRUCTURAL CLAY PRODUCTS	2,284	97	2,187				
3271 LIME	530		530				
3281 CUT STONE AND STONE PRODUCTS	288	100	188				
3291 MISC NONMETALLIC MINERAL PROD	5,607	101	5,506				
3314 IRON AND STEEL PRIMARY FORMS	196		196				
3315 IRON, STEEL SHAPES, EXC SHEET	2,416		2,416				
3316 IRON AND STEEL PLATES, SHEETS	2,358		2,358				
3317 IRON AND STEEL PIPE AND TUBE	2,554	6	2,548			200	
3318 FERROALLOYS	90		90				
3319 IRON AND STEEL PRODUCTS, NEC	891		891				
3321 NONFERROUS METALS, NEC	710		710				
3322 COPPER ALLOYS, UNWORKED	708		708				
3323 LEAD AND ZINC, UNWORKED	36		36				
3326 ALUMINUM AND ALLOYS, UNWORKED	519	8A	431				
3411 FABRICATED METAL PRODUCTS	13,488	157	13,331				
3511 MACHINERY, EXCEPT ELECTRICAL	12,273	122	12,151				
3611 ELECTRICAL MACH AND EQUIP	13,891	1,120	12,771	50		25	50
3711 MOTOR VEHICLES, PARTS, EQUIP	13,716	79	13,637				
3721 AIRCRAFT AND PARTS	6		6				
3731 SHIPS AND BOATS	598	6	592				
3791 MISC TRANSPORTATION EQUIPMENT	1,486		1,486				
3811 INSTR, TIME, PHOTO, OPT GOODS	806		806				
3911 MISC MANUFACTURED PRODUCTS	3,227	150	3,077				
4011 IRON AND STEEL SCRAP	340	9	331				
4012 NONFERROUS METAL SCRAP	131	105	26				
4022 TEXTILE WASTE, SCRAP, SWEEP	2,688		2,688				
4024 PAPER WASTE AND SCRAP	24,443		24,443				
4112 COMMODITIES, NEC	1,729	522	1,207				
9999 DEPARTMENT OF DEFENSE AND SCI	69		69				
TOTAL TON-MILES	1,336,442						

INTRACOASTAL WATERWAY, MIAMI TO KEY WEST, FLA.

SECTION INCLUDED: TURNING BASIN AT MIAMI TO KEY WEST, 158 MILES. CONTROLLING DEPTHS: 4.0 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

YEAR	TONS	YEAR	TONS
1973	1,278,577	1978	753,110
1974	1,037,166	1979	705,313
1975	1,184,392	1980	686,875
1976	1,000,306	1981	569,204
1977	728,253	1982	544,404

Waterborne Commerce of the United States, 1982

INTRACOASTAL WATERWAY, MIAMI TO KEY WEST, FLA.--CONTINUED

FRIGHT TRAFFIC, 1982

(SHORT TONS)

COMMODITY	TOTAL	FOREIGN EXPORTS	DOMESTIC			
			COASTWISE		INTERNAL	
			RECEIPTS	SHIPMENTS	INBOUND	OUTBOUND
TOTAL-----	364,898	1,610	347,885	2,225	1,449	11,729
0106 SORGHUM GRAINS-----	2	2				
0131 FRESH FRUITS-----	3	3				
0133 COFFEE-----	1	1				
0141 FRESH AND FROZEN VEGETABLES-----	45	45				
0911 FRESH FISH, EXCEPT SHELLFISH-----	1,308				1,308	
0912 SHELLFISH, EXCEPT PREPARED-----	161				161	
2011 MEAT, FRESH, CHILLED, FROZEN-----	16	16				
2012 MEAT AND PRODUCTS, NEC-----	4	4				
2031 FISH AND SHELLFISH, PREPARED-----	1	1				
2034 VEGETABLES AND PREP, NEC-----	30	30				
2039 PREP FRUIT AND VEG JUICE, NEC-----	95	95				
2041 WHEAT FLOUR AND SEMOLINA-----	3	3				
2042 ANIMAL FEEDS-----	68	68				
2049 GRAIN MILL PRODUCTS, NEC-----	197	197				
2041 ALCOHOLIC BEVERAGES-----	203	203				
2091 VEGETABLE OILS, MARG, SHORT-----	13	13				
2095 ICE-----	11,669					11,669
2099 MISCELLANEOUS FOOD PRODUCTS-----	9	9				
2211 BASIC TEXTILE PRODUCTS-----	43	43				
2311 APPAREL-----	3	3				
2491 WOOD MANUFACTURES, NEC-----	16	16				
2511 FURNITURE AND FIXTURES-----	19	19				
2631 PAPER AND PAPERBOARD-----	31	31				
2691 PULP AND PAPER PRODUCTS, NEC-----	26	26				
2711 PRINTED MATTER-----	3	3				
2819 BASIC CHEMICALS AND PROD, NEC-----	41	41				
2821 PLASTIC MATERIALS-----	10	10				
2823 SYNTHETIC (MAN-MADE) FIBERS-----	1	1				
2831 DRUGS-----	3	3				
2841 SOAP-----	43	43				
2851 PAINTS-----	11	11				
2861 GUM AND WOOD CHEMICALS-----	1	1				
2891 MISCELLANEOUS CHEMICAL PROD-----	18	18				
2915 RESIDUAL FUEL OIL-----	3,015		310,185			
2916 LUBRICATING OILS AND GREASES-----	2	2				
2918 ASPHALT, TAR, AND PITCHES-----	26	26				
2921 LIQUEFIED GASES-----	1	1				
3011 RUBBER AND MISC PLASTIC PROD-----	27	27				
3111 LEATHER AND LEATHER PRODUCTS-----	7	7				
3211 GLASS AND GLASS PRODUCTS-----	249	249				
3251 STRUCTURAL CLAY PRODUCTS-----	35	35				
3281 CUT STONE AND STONE PRODUCTS-----	1	1				
3291 MISC NONMETALLIC MINERAL PROD-----	33,825	24	33,825			
3316 IRON AND STEEL PLATES, SHEETS-----	3	3				
3319 IRON AND STEEL PRODUCTS, NEC-----	27	27				
3324 ALUMINIUM AND ALLOYS, UNWORKED-----	15	15				
3411 FABRICATED METAL PRODUCTS-----	2,214	64	2,150			
3511 MACHINERY, EXCEPT ELECTRICAL-----	4,061	51	1,725	2,225		60
3611 ELECTRICAL MACH AND EQUIP-----	66	68				
3711 MOTOR VEHICLES, PARTS, EQUIP-----	20	20				
3731 SHIPS AND BOATS-----	3	3				
3911 MISC MANUFACTURED PRODUCTS-----	23	23				
4022 TEXTILE WASTE, SCRAP, SWEEP-----	2	2				
4112 COMMODITIES, NEC-----	3	3				
TOTAL TON-MILES, 27,730,064.						

JACKSONVILLE, FL, DISTRICT

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OTHER HARBORS AND WATERWAYS

HARBOR OR WATERWAY	COMMODITY	TONS	TOTAL TONS MILFB	PASSENGERS
PROJECT				
BAKERS MARLOVER INLET, FLA.,-----	3511 MACHINERY, EXCEPT ELECTRICAL-----	360	360	73,320
EAU GALLIE HARBOR, FLA.,-----	NO COMMERCE REPORTED			
FERNANDINA HARBOR, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	374		
	0912 SHELLFISH, EXCEPT PREPARED-----	2,882		
	2095 ICE-----	7,220		
	2810 SODIUM HYDROXIDE-----	32,200		
	2915 RESIDUAL FUEL OIL-----	237,406		
	TOTAL-----	275,082		
FORT PIERCE HARBOR, FLA.,-----	0129 FIELD CROPS, NEC-----	1		
	0131 FRESH FRUITS-----	27,955		
	0141 FRESH AND FROZEN VEGETABLES-----	9,131		
	0191 MISCELLANEOUS FARM PRODUCTS-----	3		
	0911 FRESH FISH, EXCEPT SHELLFISH-----	3,708		
	1042 SAND, GRAVEL, CRUSHED ROCK-----	10,000		
	1451 CLAY-----	74,552		
	2039 PREP FRUIT AND VEG JUICE, NEC-----	348		
	2095 ICE-----	589		
	2211 BASIC TEXTILE PRODUCTS-----	5		
	2491 WOOD MANUFACTURES, NEC-----	15		
	2691 PULP AND PAPER PRODUCTS, NEC-----	45		
	2819 BASIC CHEMICALS AND PROD, NEC-----	13		
	2871 NITROGENOUS CHEM FERTILIZERS-----	32		
	2873 PHOSPHATIC CHEM FERTILIZERS-----	6,117		
	2876 INSECTICIDES, DISINFECTANTS-----	19		
	2912 GASOLINE-----	8		
	3011 RUBBER AND MISC PLASTIC PROD-----	1		
	3411 FABRICATED METAL PRODUCTS-----	20		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	917		
	3611 ELECTRICAL MACH AND EQUIP-----	352		
	3711 MOTOR VEHICLES, PARTS, EQUIP-----	20		
	3731 SHIPS AND BOATS-----	10		
	3791 MISC TRANSPORTATION EQUIPMENT-----	2		
	4112 COMMODITIES, NEC-----	3,448		
	TOTAL-----	137,311	524,488	398
KEY WEST HARBOR, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	4,178		
	0912 SHELLFISH, EXCEPT PREPARED-----	7,177		
	2095 ICE-----	20,463		
	2912 JET FUEL-----	18,835		
	2914 DISTILLATE FUEL OIL-----	3,818		
	2915 RESIDUAL FUEL OIL-----	128,298		
	3411 FABRICATED METAL PRODUCTS-----	1,150		
	3731 SHIPS AND BOATS-----	80		
	TOTAL-----	181,791	1,121,892	67,460
MELBOURNE HARBOR, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	154		
	0912 SHELLFISH, EXCEPT PREPARED-----	294		
	2095 ICE-----	35		
	TOTAL-----	483	483	
NEW RIVER, FLA. (INCLUDED IN TRAFFIC OF PORT EVERGLADES HARBOR, FLA.)-----	3511 MACHINERY, EXCEPT ELECTRICAL-----	150	590	7,320
OKLANAMA RIVER, FLA.,-----				61,480,000
PONCE DE LEON INLET, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	521		
	0912 SHELLFISH, EXCEPT PREPARED-----	188		
	2095 ICE-----	610		
	TOTAL-----	1,319	610	
RICE CREEK, FLA.,-----	2015 RESIDUAL FUEL OIL-----	15,565	62,260	
ST. AUGUSTINE HARBOR, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	85		
	0912 SHELLFISH, EXCEPT PREPARED-----	1,251		
	2095 ICE-----	4,373		
	3511 MACHINERY, EXCEPT ELECTRICAL-----	160		
	3731 SHIPS AND BOATS-----	3,075		
	TOTAL-----	4,944	60,117	56,282
ST. LUCIE INLET, FLA.,-----	0911 FRESH FISH, EXCEPT SHELLFISH-----	1,795		
	0912 SHELLFISH, EXCEPT PREPARED-----	2		
	4112 COMMODITIES, NEC-----	150		
	4118 WATERWAY IMPROVEMENT MAT-----	1,308		
	TOTAL-----	3,247	10,000	

* EXCURSION PASSENGERS CARRIED OVER SILVER SPRINGS RUN.

Section 2
TRIPS AND DRAFTS OF VESSELS

NEW ENGLAND DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	
RICKSPORT HARBOR, MAINE												
	INBOUND						OUTBOUND					
36		4				4						
35		1				1						
34		3				3						
33		2				2						
29		1				1						
28		3				3		4				4
27		1				1		2				2
26					1	1						
25								2				2
24		1			1	2		3				3
23		4			1	5		2				2
22								1				1
21								1				1
20								1				1
19		1			1	2		3				3
18								2				2
17											1	1
16		4				4		4				6
15			5			5		1	9		1	11
14		3	22			25		7	22			25
13			2			2		1	2			3
12		2			1	3		1	1			2
11		1				1		1				1
10		9				9		3				3
9			21		44	65		1	21		2	24
6					1	1					4	4
4											1	1
2					2	2					44	44
TOTAL	1	39	50		52	142	2	38	54		53	147
PENOBSCOT RIVER, MAINE												
	UPBOUND						DOWNBOUND					
22		20				20		15				15
21	1					1		1				1
20								1				1
19	1	1			1	3	1	3				4
18								9				9
17	1	10				11	2			1		3
16		26			2	28	1					1
15	2	20			1	30	6		9		1	16
14	2	57	7			137	6	1	75			82
13	3	3	6			12	1	16	8			23
12 AND LESS	46	11	25		44	130	33	110	27		56	226
TOTAL	56	154	116		54	386	50	147	117		58	372
SEARSPORT HARBOR, MAINE												
	INBOUND						OUTBOUND					
35		9				9		1				1
34		4				4		1				1
33	2	2				4		3				3
32		4				4		1				1
31		4				4						4
30	4	1				5	1					1
29		1				1		3				3
28		1				1		2				2
27		2				2		2				2
26	1	2				3	1	2				3
25	2	1				3	1	2				3
24	3	1				4	2	2				4
23	2					2	2	2				4
22	6					6	4	3				11
21	4					4	5	6				11
20	5	1	2			8	4	3				7
19	1				5	6	1					1
18 AND LESS	3	4	98		4	113	6	4	101		14	125
TOTAL	33	37	100		13	183	33	37	101		14	185
PORTLAND HARBOR, MAINE												
	INBOUND						OUTBOUND					
46		4				4						
45		6				6						
44		5				5						
43		6				6						
42		3				3						
41		8				8						
40		7				7						
39		5				5						
38												
37		12				12						
36		12				12						
35		14				14		1				1
34		13				13		1				1
33		20				20		1				1
32		15				15						
31		17			4	22		4				4
30		7			1	8		2				2
29		5			5	10		9				9
28		2			6	8		2			2	4
27		5			5	10		27			2	29
26		7			2	9		10			3	13
25		7			3	10		44			1	55
TOTAL	1	3			6	10		19				19

NEW ENGLAND DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER			PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
PORTLAND HARBOR, MAINE--(CONTINUED)													
	INBOUND							OUTBOUND					
24		6		3	12	21		27			2		29
23		5		8	8	21		9			1		10
22			6	1	9	16		7	6		3		16
21		2			15	17		6					6
20		1			16	17		7	2		3		12
19		1			16	17		5			1		6
18 AND LESS	3,130	273	339		158	3,900	3,115	291	362		12	242	4,022
TOTAL	3,131	471	345	12	267	4,226	3,115	482	370		12	260	4,239
PORTSMOUTH HARBOR, N. H.													
	INBOUND							OUTBOUND					
35	6	18				24							
34		9				9	1						1
33	1	1				2	2						2
32	3	2			1	6	3						3
31	3	3				6							6
30	1	2				3	1						1
29	2	1			1	4		1					1
28	1	3			1	4	3	2					5
27		2			1	2	2						2
26		7				7	3						8
25	1	4			1	5	3	5					11
24		5			3	8	8	11					11
23		1			1	2	2	12			1		20
22			1		2	3		6	1				10
21	3	1	1		1	5		2					7
20	1	1			2	4	2	3	2				7
19	3	1			6	10		1					1
18 AND LESS	1,352	46	66	1	36	1,501	1,348	49	66	1	47		1,511
TOTAL	1,377	107	67	1	54	1,606	1,375	103	69	1	48		1,596
SALEM HARBOR, MASS.													
	INBOUND							OUTBOUND					
30		22				22		2					2
29		1				1							
28		3				3							
27					2	2							
26		3			1	4		1					1
25					3	3							
24		1			1	2		15		1			16
23								4					4
22					4	4		1					1
21								3					3
20		1				1		2					2
19								1					1
18 AND LESS		3	151	1	6	161		2	149		18		169
TOTAL		34	151	1	19	205		31	149		18		199
PORT OF BOSTON, MASS.													
	INBOUND							OUTBOUND					
40	1					1							
38	2	14				16		1					1
37		15		1		17		1					1
36	3	28	1		2	33	2	3					5
35	1	55				56	4	5					9
34	3	62			1	66	3	15					18
33	4	30			2	36	3	2					5
32	10	22			4	36	10	5					15
31	24	6			5	35	14	2					16
30	43	12			11	66	38	5			3		46
29	34	6			27	67	30	3			1		34
28	51	11		1	4	71	44	9			3		56
27	71	15		11	7	104	68	11			2		81
26	46	16	2	1	10	75	44	28	2		3		77
25	37	13		1	21	72	33	25	1		4		63
24	30	8		1	37	75	27	80	1				108
23	21	4		1	50	76	18	18	1		4		33
22	10	9	8	1	19	47	13	26	8		9		56
21	4	4	1		26	35	9	15	2		5		31
20	14	7			35	56	25	20	4		10		59
19	17	3	13	1	18	52	28	8	11		4		51
18 AND LESS	2,682	305	1,557	22	484	5,050	2,693	350	1,575	30	673		5,330
TOTAL	3,108	647	1,582	39	768	6,144	3,106	628	1,605	30	721		6,095
MAIN WATERFRONT (PORT OF BOSTON)													
	INBOUND							OUTBOUND					
40	1					1							
38	2	16				18		1					1
37		15		1		17		1					1
36	3	26	1		1	31	2	3					5
35	1	49			2	50	4	4					8
34	3	54			1	58	3	15					18
33	4	32			2	38	3						1
32	10	20			4	34	10	6					16
31	24	6			5	35	14	2					16
30	43	11			11	65	38	5			3		46
29	34	6			24	64	30	3			1		38
28	51	10		1	10	72	44	8			2		54
27	71	14		11	7	103	68	10			2		80
26	46	14	2	1	8	71	44	21	1		3		69

NEW ENGLAND DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION							
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO		TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER			
MAIN WATERFRONT (PORT OF BOSTON)--(CONTINUED)				INBOUND							OUTBOUND			
25	37	13		1	20	71	33	17	1		4	55		
24	30	8	1		30	69	27	75				102		
23	21	3		1	48	73	18	13	1		4	34		
22	10	8	8	1	18	45	13	20	8		7	52		
21	4	4	1		24	33	9	18	2		4	29		
20	18	8			32	64	25	18	4		4	46		
19	17	1	11	1	17	47	28	10	0		3	50		
18 AND LESS	2,678	251	1,355	21	381	4,646	2,698	339	1,379		35	570		
TOTAL	3,104	569	1,379	38	645	5,735	3,107	589	1,405		35	612	5,748	
CHELSEA RIVER, MASS.				INBOUND							OUTBOUND			
35		49			2	51	1	1				2		
34		31			1	32		4				4		
33	1	15			2	18								
32	1	15			2	18	1	1				2		
31	3	2			1	6	1				1	2		
30	4	5			11	20	2	2			3	7		
29		5			22	27					1	1		
28	6	4			6	16	4	4			3	11		
27	4	7			3	17	2					6		
26	10	7	3		3	23	3	18	1		2	17		
25	3	10			0	22	3	10			4	21		
24	4	5			27	31	1	58	1			60		
23	5	1			12	18	1	1			4	6		
22	1	7	8		12	20	3	16	8		5	32		
21	1	3			14	18	2	4			1	9		
20		7			26	33	8	12	2		7	29		
19		1	2		12	15	4	5	2		1	14		
18 AND LESS	4	118	578	2	238	940	10	157	584		5	351		
TOTAL	47	292	591	2	401	1,333	45	299	598		5	383	1,330	
MYSTIC RIVER, MASS.				INBOUND							OUTBOUND			
35	2	38	1		1	42	2	7				9		
34		7				7	1	9				10		
33		6				6	3	1				4		
32		1				1	3	1				5		
31		2			1	3	1	1				2		
30	1	3				4	1	3				4		
29								1				1		
28	1			1	1	3						1		
27	1	1		11	1	14	1	1			1	3		
26		1		1	4	7		1			1	4		
25	2	2		1	9	12	1	5	1		2	9		
24	4			1	5	9	1	7				8		
23	6			1	33	40	1	2			1	4		
22	2			1	5	8	3	8			2	13		
21		1			0	5		5			2	7		
20	4				1	5	4	3				7		
19	5	1	13	1	2	22	3	1	11			15		
18 AND LESS	72	59	356	12	134	633	76	83	352		28	195		
TOTAL	100	121	370	29	701	821	101	143	364		28	204	440	
WEYMOUTH FORE RIVER, MASS.				INBOUND							OUTBOUND			
35		7				7								
34		8				8								
33								1				1		
32		1				1		1				1		
30		1				1		1				1		
29					2	2								
27		1				1								
26		1			2	3		1				1		
25		1				1								
24		1			7	8		7				7		
23					3	3		3				3		
22		1			1	1		2				3		
21		4			4	4		2				3		
20		4			4	4		4				1		
19		1			4	5		1				1		
18 AND LESS	10	64	211	3	106	388	3	68	210		3	109		
TOTAL	10	86	211	3	127	437	3	86	210		3	113	415	
TOWN RIVER, MASS.				INBOUND							OUTBOUND			
24		4			4	10		3				3		
23								1				1		
22								1				1		
21					1	1		1				1		
20					1	1								
19					2	2		1				1		
18		1			4	5		3				3		
17					2	2								
16					1	1		1				1		
15		2	11		13	13		2	13			15		
14		5	2		1	8		7	4			11		
13		4	3		7	7		3	3			3		
12 AND LESS		8	8		7	23		13	10		18	41		
TOTAL		24	24		25	73		33	30		18	81		

Waterborne Commerce of the United States, 1982

NEW ENGLAND DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
CAPE COD CANAL, MASS.	EASTBOUND						WESTBOUND					
32 -	1	2			5		30	1			3	
31 -		1	1		2							
30 -	3				3		1	1				
29 -	9	1	1	1	12		4					
28 -	32	2		3	37		4			2		
27 -	44	6		4	54		15			3		
26 -	37	9	1		47		30			2		
25 -	29	3			32		27	2	1			
24 -	41	2	1	1	45		34	1		2		
23 -	26	1	2	2	29		11	2		1		
22 -	21	3	4		28		4	4	1	3		
21 -	15		12		27		5	1		7		
20 -	16		27	1	44		13	2	28	5		
19 -	23	1	9	1	34		14	13	13	2		
18 AND LESS -	192	155	1,324	147	498	2,310	216	169	1,307	139	769	
TOTAL -	489	188	1,386	160	877	3,100	513	340	1,371	141	799	
FALL RIVER HARBOR, MASS.	INBOUND						OUTBOUND					
34 -			10		10			2			2	
33 -	2	2			4							
32 -	2	2			4		1				1	
31 -		1			1							
30 -		1		1	2							
29 -	1	2			3		1				1	
28 -	1	1			2			1			1	
27 -		1			1							
26 -	1	2			3			1			1	
25 -	2	5			7		1	2			3	
24 -	3	3	1	1	8		1	6		1	7	
23 -	4	8			12		4				4	
22 -	11	5			16		13	6			19	
21 -		11			11		2	1		2	3	
20 -		20	3		23		2	2			4	
19 -		20			20		2	1			3	
18 AND LESS -	71	76	1,029	3	212	1,391	71	81	1,069	5	276	
TOTAL -	98	102	1,029	4	284	1,517	96	104	1,069	5	281	
PROVIDENCE RIVER AND HARBOR, R. I.	INBOUND						OUTBOUND					
37 -	1	1			2							
36 -	1	7			8		2	2			4	
35 -		13		1	14		5	2			7	
34 -	1	23			24		5	5			5	
33 -	3	17			20		1	2			3	
32 -	4	9			13		4	1			5	
31 -	2	1		1	4		4	1		1	6	
30 -	5	4		2	11		3	2			5	
29 -	12	4		2	18		7	4			11	
28 -	18	3			21		14	7			25	
27 -	18	5		2	25		20	7		1	27	
26 -	12	4		1	17		12	13		1	26	
25 -	14	6		6	20		17	11		3	31	
24 -	25	6		14	45		23	8		3	34	
23 -	12	2		19	33		19	9		3	31	
22 -	15	2	12		29		12	6	12	8	38	
21 -	5	2			7		4	4		2	10	
20 -	8	2			10		5	9			14	
19 -	3	1			4		4	2		1	7	
18 AND LESS -	209	119	1,136	51	406	1,921	211	130	1,135	50	498	
TOTAL -	368	225	1,148	51	552	2,344	368	227	1,147	50	521	
NEW LONDON HARBOR, CONN.	INBOUND						OUTBOUND					
32 -	1	3			4		1				1	
31 -	1	1			2			1			1	
30 -	3	2			5		1	2			3	
29 -	1	1			2			1			1	
28 -	1	1			2		2	1			3	
27 -	1	1			2		1	1			2	
26 -	2	5			7		1	1			2	
25 -	4				4		2				2	
24 -	2	1		1	4		2	1			3	
23 -	5	1		2	8		3	1			4	
22 -	5	8			13		3	3			3	
21 -	3	5		3	11		6	6			12	
20 -	5	2		1	8		8	11			19	
19 -	2			7	9		2	3			5	
18 AND LESS -	4,270	36	216	40	263	4,825	4,290	39	214	31	275	
TOTAL -	4,305	66	216	40	277	4,904	4,318	70	214	31	275	
THAMES RIVER, CONN.	UPBOUND						DOWNBOUND					
20 -		16			16			16			16	
19 -								3			3	
18 -					10						10	
17 -			2		32				8		8	
16 -					4						4	
15 -		5			5				2		2	
14 -		9	22		3				24		24	

NEW ENGLAND DIVISION

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
THAMES RIVER, CONN.--(CONTINUED)												
13		8	20		7	35						12
12 AND LESS		4	56		21	61		26	52		82	160
TOTAL		42	100		62	224		65	98		82	225
CONNECTICUT RIVER BELOW HARTFORD, CONN.												
18					1	1						4
17			2			2			4			2
15									2			79
14			101		1	102			79			6
13		64	12		31	107			6			90
12		62	81		249	392		2	87		1	53
11		9	56		63	128			53			158
10		1	174		24	199		1	156		1	64
9			22		5	27		46	18			103
8		18	2		1	21	17	84	2			193
7		190	1		191	381	192					23,961
6 AND LESS	10,668		6,462	6,462	2	23,594	10,668	2	6,462	6,462	367	24,713
TOTAL	10,876	136	6,913	6,462	377	24,764	10,877	135	6,869	6,462	370	24,713
NEW HAVEN HARBOR, CONN.												
36	1	11				12	1	1				2
35		9				9	2					2
34	1	14			3	18		1				1
33		5			4	9		2				2
32	1	4			4	9	2	2				4
31	1	6			3	10						6
30	3	5			1	9	2	4				6
29	8	2				10	3	2			1	11
28	7	7			4	18	5	6				14
27	8	5			4	17	9	4			1	18
26	7	2			7	16	8	9			3	15
25	7	2			12	21	5	7				21
24	2				22	24	9	6				13
23	10	1			25	36	5	7				10
22	2	2	13		19	36	7	8	13			16
21	4	1			14	19	2	3				16
20	5	1	2		30	36	3	5	4			5
19	7	2	2		24	35	7	3				15
18 AND LESS	914	190	1,691	27	841	3,643	922	204	1,677	24	963	3,986
TOTAL	988	269	1,708	27	1,017	4,009	992	274	1,694	24	998	3,986
HOUSATONIC RIVER, CONN.												
16			6		54	61			4			4
15					5	5			2			2
14			15		3	18			17			17
13			23		1	24			23			23
12			8	20		28		1	4			5
11			6		6	12			4			4
10			21		6	27			19			19
9			12		12	24			8			9
7		1			1	2						1
6 AND LESS					1	1				17	63	80
TOTAL		1	91	20	65	177		1	81	17	64	163
BRIDGEPORT HARBOR, CONN.												
34	1	14				15		1				1
33	5	2			7	12						2
32	6	2			8	14	2					2
31	4	1			5	10	2					4
30	5				7	12	4	1				14
29	7				9	16	7	2				9
28	10				11	21	11	2			1	14
27	8	1			9	17	7				2	14
26	8	2			1	11	3	3				8
25	10				1	11	12	4				17
24	7	1			3	11	6	3				10
23	7				1	8	7					13
22	10				3	13	7	2		1	2	12
21	10				1	11	12					12
20	9		4		3	16	7	3	4			14
19	8				3	11	12	1				13
18 AND LESS	22	166	569	45	506	1,328	39	188	557	37	509	1,330
TOTAL	137	209	573	45	534	1,498	133	208	561	38	524	1,464
NORWALK HARBOR, CONN.												
17			2		3	5			6			6
16					70	70						4
15			6		4	10			4			26
14			28		1	29			26			18
13		5	24		1	29			14			16
12		28	29	3	3	63			14			9
11		3	6		6	9			9			30
10			39	230	43	312		2	27	1		

NEW ENGLAND DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO		TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	
NORWALK HARBOR, CONN.--(CONTINUED)					INBOUND					OUTBOUND		
0 - - - - -				84	11	3		13	84			97
1 - - - - -				6		1		9	6			17
2 - - - - -								10				14
3 AND LESS - - - - -	1,061			2	1		1,062	2		217	125	1,406
TOTAL - - - - -	1,061	36	224	245	124		1,696	36	202	214	125	1,643
STAMFORD HARBOR, CONN.					INBOUND					OUTBOUND		
16 - - - - -						1						
15 - - - - -				1		1						
14 - - - - -				14	4	17			4			4
13 - - - - -				7	2	14						
12 AND LESS - - - - -				46	338	435		64	332	392	93	695
TOTAL - - - - -				64	344	435		64	336	392	93	699
ANDREWS RIVER, MASS.					NO VESSEL TRIPS REPORTED							
ANNISQUAN RIVER, MASS.					NO VESSEL TRIPS REPORTED							
APPONAUG COVE, R. I.					NO VESSEL TRIPS REPORTED							
BAR HARBOR, MAINE					INBOUND					OUTBOUND		
TOTAL, 13 AND LESS - - - - -	451			2			453	450	2			452
BASS HARBOR, MAINE					INBOUND					OUTBOUND		
TOTAL, 8 AND LESS - - - - -	10,035						10,035	10,035				10,035
BEALS HARBOR, MAINE					NO VESSEL TRIPS REPORTED							
BELFAST HARBOR, MAINE					INBOUND					OUTBOUND		
TOTAL, 14 AND LESS - - - - -	37			43			80	37	46			83
BEVERLY HARBOR, MASS.					INBOUND					OUTBOUND		
TOTAL, 12 AND LESS - - - - -	264			2			270	268	2			270
BOOTHBAY HARBOR, MAINE					INBOUND					OUTBOUND		
TOTAL, 10 AND LESS - - - - -	943						943	943				943
BRANFORD HARBOR, CONN.					NO VESSEL TRIPS REPORTED							
BRISTOL HARBOR, R. I.					INBOUND					OUTBOUND		
TOTAL, 6 AND LESS - - - - -	859						859	859				859
BUNKER HARBOR, MAINE					INBOUND					OUTBOUND		
TOTAL, 5 AND LESS - - - - -	1,000						1,000	2,998				2,998
CAMDEN HARBOR, MAINE					NO VESSEL TRIPS REPORTED							
CANAPITSIT CHANNEL, MASS.					UPBOUND					DOWNBOUND		
TOTAL, 6 AND LESS - - - - -	2						2	2				2
CAPE PORPOISE HARBOR, MAINE					INBOUND					OUTBOUND		
TOTAL, 5 AND LESS - - - - -	8,153						8,153	8,153				8,153
CARVERS HARBOR, MAINE					INBOUND					OUTBOUND		
TOTAL, 9 AND LESS - - - - -	6,407						6,807	6,802				6,802
CHATHAM (STAGE) HARBOR, MASS.					INBOUND					OUTBOUND		
TOTAL, 8 AND LESS - - - - -	328						328	324				328
CLINTON HARBOR, CONN.					NO VESSEL TRIPS REPORTED							
CORSCOOK BAY, MAINE					NO VESSEL TRIPS REPORTED							
COMASSET HARBOR, MASS.					NO VESSEL TRIPS REPORTED							
COREA HARBOR, MAINE					INBOUND					OUTBOUND		
TOTAL, 4 AND LESS - - - - -	164						164	164				164
CRIEHAVEN HARBOR, MAINE					NO VESSEL TRIPS REPORTED							

NEW ENGLAND DIVISION

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
CROSS RIP SHOALS, NANTUCKET SOUND, MASS. TOTAL, 14 AND LESS	273	11	9	8	301	292	7	2	4	305		
CUTTYHUNK HARBOR, MASS. TOTAL, 8 AND LESS	212				212	211				211		
DAWARISCOTTA RIVER, MAINE					NO VESSEL TRIPS REPORTED							
DEER ISLAND THOROUGHFARE, MAINE TOTAL, 6 AND LESS	313				313	313				313		
DORCHESTER BAY, MASS.					NO VESSEL TRIPS REPORTED							
DUCK ISLAND HARBOR, CONN.					NO VESSEL TRIPS REPORTED							
DUXBURY HARBOR, MASS.					NO VESSEL TRIPS REPORTED							
EASTPORT HARBOR, MAINE TOTAL, 15 AND LESS	4,955				4,955	4,919				4,919		
EDGARTOWN HARBOR, MASS. TOTAL, 6 AND LESS	15,252				15,252	15,252				15,252		
ESSEX RIVER, MASS.					NO VESSEL TRIPS REPORTED							
FALMOUTH HARBOR, MASS. TOTAL, 6 AND LESS	2,529				2,529	2,529				2,529		
FIVEMILE RIVER HARBOR, CONN. TOTAL, 3 AND LESS	14				14	14				14		
FORT POINT CHANNEL, MASS. TOTAL, 12 AND LESS			4		4			4		4		
GLOUCESTER HARBOR, MASS. TOTAL, 19 AND LESS	6,673	290			7,163	6,464	290			7,154		
GREAT SALT POND, BLOCK ISLAND, R. I. TOTAL, 12 AND LESS	209	33			242	209	24			237		
GREEN HARBOR, MASS. TOTAL, 4 AND LESS	423				423	423				423		
GREENWICH BAY, R. I.					NO VESSEL TRIPS REPORTED							
GREENWICH HARBOR, CONN. TOTAL, 11 AND LESS	1,948		2		1,950	1,948		2		1,950		
GUILFORD HARBOR, CONN.					NO VESSEL TRIPS REPORTED							
HAMPTON HARBOR, N. H. TOTAL, 8 AND LESS	582		2	1	585	582		2	2	586		
HARBOR OF REFUGE AT SANDY BAY, CAPE ANN, MASS. TOTAL, 11 AND LESS	132				132	132				132		
HARBOR OF REFUGE, BLOCK ISLAND, R. I. TOTAL, 14 AND LESS	2,234				2,234	2,234		2		2,236		
HARBOR OF REFUGE, NANTUCKET, MASS. TOTAL, 16 AND LESS	1,010	13	8	21	1,052	1,010	12	7	21	1,050		
HARBOR OF REFUGE, POINT JUDITH AND POINT JUDITH POND, R. I. TOTAL, 9 AND LESS	5,566		2	1	5,569	5,566		2	1	5,569		
HARRASSEKET RIVER, MAINE TOTAL, 5 AND LESS	600				600	600				600		

NEW ENGLAND DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
NEW BEDFORD AND FAIRHAVEN HARBOR, MASS. TOTAL, 27 AND LESS	1,681	308	42	INBOUND 6	916	2,953	1,656	309	38	OUTBOUND 4	912	2,919
NEW HARBOR, MAINE				NO VESSEL TRIPS REPORTED								
NEWBURYPORT HARBOR, MASS. TOTAL, 5 AND LESS	220			INBOUND		220	220					220
NEWPORT HARBOR, R. I. TOTAL, 20 AND LESS	1,413	1	79	INBOUND	1	1,494	1,409	1	60	OUTBOUND	1	1,480
NIANTIC BAY AND HARBOR, CONN. TOTAL, 6 AND LESS	413			INBOUND		413	413			OUTBOUND		413
NORTHEAST HARBOR, MAINE				NO VESSEL TRIPS REPORTED								
OWLS HEAD HARBOR, MAINE TOTAL, 8 AND LESS	1			INBOUND		1	1			OUTBOUND		1
PATCHOGUE RIVER, CONN.				NO VESSEL TRIPS REPORTED								
PANCATUCK RIVER, R. I. AND CONN.				NO VESSEL TRIPS REPORTED								
PIG ISLAND CUT, MAINE TOTAL, 5 AND LESS	9,000			UPBOUND		9,000	9,000			DOWNBOUND		9,000
PLEASANT BAY, MASS.				NO VESSEL TRIPS REPORTED								
PLEASANT RIVER, MAINE				NO VESSEL TRIPS REPORTED								
PLYMOUTH HARBOR, MASS. TOTAL, 15 AND LESS	2,812	1	23	INBOUND	1	2,838	2,812		22	OUTBOUND		2,834
PROVINCETOWN HARBOR, MASS. TOTAL, 13 AND LESS	1,785			INBOUND		1,785	1,785		2	OUTBOUND		1,787
RED BROOK HARBOR, BOURNE, MASS.				NO VESSEL TRIPS REPORTED								
ROCKLAND HARBOR, MAINE TOTAL, 18 AND LESS	18,631	3	1	INBOUND		18,635	18,620	2		OUTBOUND		18,622
ROCKPORT HARBOR, MAINE				NO VESSEL TRIPS REPORTED								
ROCKPORT HARBOR, MASS. TOTAL, 11 AND LESS	132			INBOUND		132	132			OUTBOUND		132
ROYAL RIVER, MAINE TOTAL, 12 AND LESS			1	UPBOUND		1		1		DOWNBOUND		1
RYE HARBOR, NEW HAMPSHIRE TOTAL, 5 AND LESS	1,230			INBOUND		1,230	1,230			OUTBOUND		1,230
SACO RIVER, MAINE TOTAL, 6 AND LESS	4,000			UPBOUND		4,000	4,000			DOWNBOUND		4,000
SAKONNET RIVER AND HARBOR, R. I.				NO VESSEL TRIPS REPORTED								
SCARBORO RIVER, MAINE				NO VESSEL TRIPS REPORTED								
SCITUATE HARBOR, MASS.				NO VESSEL TRIPS REPORTED								
SEENOK RIVER, R. I.				NO VESSEL TRIPS REPORTED								
SOUTH BRISTOL HARBOR, MAINE				NO VESSEL TRIPS REPORTED								
SOUTHWEST HARBOR, MAINE TOTAL, 10 AND LESS	5,035			INBOUND		5,035	5,035			OUTBOUND		5,035

NEW ENGLAND DIVISION

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO		TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	
ST. CROIX RIVER, MAINE			NO VESSEL TRIPS		REPORTED							
STOCKTON HARBOR, MAINE			NO VESSEL TRIPS		REPORTED							
STONINGTON HARBOR, CONN.			NO VESSEL TRIPS		REPORTED							
STONINGTON HARBOR, MAINE TOTAL, 6 AND LESS	626				INBOUND	626	626				OUTBOUND	626
STONY CREEK, CONN.			NO VESSEL TRIPS		REPORTED							
TAUNTON RIVER, MASS.			NO VESSEL TRIPS		REPORTED							
TENANTS HARBOR, MAINE TOTAL, 6 AND LESS	138				INBOUND	138	138				OUTBOUND	138
THOMASTON HARBOR (GEORGES RIVER), MAINE			NO VESSEL TRIPS		REPORTED							
VINEYARD HAVEN HARBOR, MASS. TOTAL, 12 AND LESS	3,749	9	9		INBOUND 1 12	3,783	3,749	9	10		OUTBOUND 1 12	3,781
WAREHAM HARBOR, MASS. TOTAL, 3 AND LESS				1	INBOUND 2	3					OUTBOUND 2	3
WARREN RIVER, R. I. TOTAL, 6 AND LESS	12				UPBOUND	12	8				DOWNBOUND	8
WARWICK COVE, WARWICK, R. I.			NO VESSEL TRIPS		REPORTED							
WELLFLEET HARBOR, MASS.			NO VESSEL TRIPS		REPORTED							
WESTPORT HARBOR AND SAUGATUCK RIVER, CONN.			NO VESSEL TRIPS		REPORTED							
WESTPORT RIVER, MASS. TOTAL, 5 AND LESS	10,000			2	UPBOUND 3	10,005	10,000		2		DOWNBOUND 3	10,005
WEYMOUTH BACK RIVER, MASS.			NO VESSEL TRIPS		REPORTED							
WICKFORD HARBOR, R. I.			NO VESSEL TRIPS		REPORTED							
WINTHROP HARBOR, MASS.			NO VESSEL TRIPS		REPORTED							
WOOD ISLAND HARBOR, MAINE AND THE POOL AT BIDDEFORD			NO VESSEL TRIPS		REPORTED							
WOODS HOLE CHANNEL, MASS. TOTAL, 18 AND LESS	4,241				EASTBOUND	4,241	4,246	3	4		WESTBOUND	4,253
YORK HARBOR, MAINE TOTAL, 5 AND LESS	1,200				INBOUND	1,200	1,200				OUTBOUND	1,200
CHARLES RIVER, MASS. TOTAL, 12 AND LESS			20	14	INBOUND	34		20	10		OUTBOUND	30

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
PORT CHESTER HARBOR, N. Y.											
12		31		INBOUND		31		30	OUTBOUND		30
11		2	5			7		4	5		9
10			10	133	6	149			8	3	116
9			92	72	3	167		1	112	3	116
8		19	20			39		25	22		47
7		12	34			46		9	40		49
6 AND LESS					6	6		1		15A	171
TOTAL		64	161	205	15	445		70	187	161	438
EAST CHESTER CREEK, N. Y.											
10	9	269	120	146	164	708	8	259	125	2	555
9		39	315	77	22	453		18	315		333
8		133	125		16	274		165	123	33	330
7		30	123		2	155		47	121		169
6 AND LESS	9	68			18A	261	8	51		187	468
TOTAL	18	539	683	223	388	1,851	14	540	684	222	1,851
BRONX RIVER, N. Y.											
12			8	INBOUND		8			OUTBOUND		8
11			30	1		31			8		30
10			26	115		141		2A		10	36
9			29	40		69		25		14	39
8			32	5		37		2A		5	33
7		425	36	1		462	425	3A		2	461
6 AND LESS	3,965			90		4,055	3,965			205	4,170
TOTAL	4,390		161	252		4,803	4,390	151	236		4,777
WESTCHESTER CREEK, N. Y.											
15			1	INBOUND		1			OUTBOUND		1
14		1		7		8				8	8
13		8		3		11		2		3	15
12		1	62	2		65		8	1	6	63
11		1	54	29		84		2	60	31	87
10			175	48		219		54		45	226
9		3	175	10		188		7	139	11	157
8			80			80		7	72		72
7			21	2		23		7	21		29
6 AND LESS		2		91		93		3		112	115
TOTAL		19	569	192		780		29	528	220	777
FLUSHING BAY AND CREEK, N. Y.											
15		2	1	INBOUND		3			OUTBOUND		3
14		4		6	4	10		2	1		6
13		4	7			11		3		10	13
12		6	425			34		5	11	24	35
11		17	63			80		5	451	5	461
10		6	189	75A	8	917		14	79	22	115
9		9	70	73	8	160		3	151	9	160
8			87	5	8	97		11	80		96
7		14	109	16	5	139		21	1	58	94
6 AND LESS		4		432	62	498		5	137	15	180
TOTAL		66	911	1,286	152	2,415		66	911	1,285	151
HARLEM RIVER, N. Y.											
14		1		INBOUND		1			OUTBOUND		1
13		13	10		20	21				2	12
12 AND LESS		12	266	227	20	525		26	294	201	610
TOTAL		26	276	227	100	629		26	304	201	622
HUDSON RIVER, N. Y. (LOWER SECTION)											
33		1		INBOUND		1			OUTBOUND		1
32		1				1					1
31		4				4					4
30		3				3					3
29		4				4					4
27		1				1		1			1
26		3				3		1			1
25		2				2		1			1
24		1		1	1	3				1	1
23				2		2					2
22		3		4		7		1			1
21		4				4		3			3
20								6			6
19		3				3		5			3
18 AND LESS		3	15	882	5	1,033		14	17	891	1,054
TOTAL		33	15	882	12	1,071		30	17	891	1,071
HUDSON RIVER CHANNEL, N. Y. AND N. J.											
40				INBOUND					OUTBOUND		
39		2				2		1			1
								3			3

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
BAY RIDGE AND RED HOOK CHANNELS, N. Y. --(CONTINUED)	INBOUND						OUTBOUND					
34	1					1						
33	1					1						
32	2					2						
31	11					11	10					10
30	11					11	12	1				13
29	21					21	10					10
28	10					10	21				1	22
27	14					14	24					24
26	25					25	27					22
25	22					22	16					16
24	17					17	22				1	23
23	18					18	11					11
22	15				2	17	12	1				13
21	13					13	19					19
20	9			48		57	14			30		44
19	12					12	4					5
18 AND LESS	94	215	5,401	664	417	6,795	119	204	5,247	673	352	6,599
TOTAL	305	215	5,449	666	417	7,052	322	210	5,277	673	355	6,837
GONAVUS CREEK CHANNEL, N. Y.	INBOUND						OUTBOUND					
31	5	1				6	6	1				7
30	9					9	7					7
29	11					11	5	1			1	7
28	12	1			1	14	11					11
27	11	1				12	17				1	18
26	14	1			1	16	11	2				13
25	12					12	13					13
24	5				6	11	8				3	11
23	4				1	5	2				2	4
22	3				3	6	3				1	6
21	2				2	4	1				2	3
20	1				2	3	1				2	3
19	1				2	3	2				2	4
18 AND LESS	66	402	3,357	500	351	4,676	61	347	3,254	411	297	4,425
TOTAL	153	406	3,357	500	371	4,747	151	401	3,254	411	316	4,538
CONEY ISLAND CHANNEL, N. Y.	EASTBOUND						WESTBOUND					
17	3					3						
16	12	1				13		1	1			2
15	43	12			5	60			10			10
14	45	1			27	73		1	1		1	3
13	56	80			42	218		1	71		2	74
12	96	74			94	266		2	64		2	64
11	37	49			41	177		2	49		3	54
10	13	172			216	442		20	166		9	215
9	3	140			24	141		21	128			153
8	1	14			20	75		45	12			99
7	1	103			1	109		62	44			161
6					3	3						1
5					3	3						7
4					1	1		45				54
3					4	4		27				103
2					2	2					201	298
TOTAL		312	646	263	434	1,660	325	620		210	427	1,582
EAST ROCKAWAY INLET, N. Y.	UPBOUND						DOWNBOUND					
15	6	1				7		1				1
14	201				1	202		5				5
13	11	294			4	313			2			2
12	79	8			23	110		205	10			215
11	14	14			7	35		4	4			14
10	6	6			5	17		151	4			155
9	6	6			6	197		244	28			222
8	775	175			2	777		220	2			222
7								19				19
6 AND LESS	1,770	150				1,920	2,556	74			40	2,672
TOTAL	2,956	924	53		40	3,578	2,956	924	53		40	3,577
JAMAICA BAY, N. Y.	INBOUND						OUTBOUND					
18	2					2						2
17	14					14		71			1	72
16	5					5		71			1	74
15	22	11			3	36		21	11		3	35
14	21				10	31		26	2		17	45
13	26	74			45	143		54	78		62	174
12 AND LESS	9,060	437	542	261	367	10,647	9,060	397	553	212	342	10,524
TOTAL	9,060	527	627	261	423	10,608	9,060	554	646	212	454	10,930
RARITAN RIVER, N. J.	INBOUND						OUTBOUND					
27	3					3						
26						5		1			13	14
25						7					9	9
24						10					11	11
23						4					4	4

NEW YORK, NY, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	DRAFT (FEET)		SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL			TOTAL	
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	
RARITAN RIVER, N. J.--(CONTINUED)												
	INBOUND					OUTBOUND						
22					4					4		4
21					15					15		15
20				3	10				1	17		18
19					4					12		12
18					76					275		275
17			5		19				4	58		62
16					12				2	47		50
15			37	1	9				39	1	10	50
14					42				1	54		110
13					293				1	283		344
12 AND LESS		10		145	558				4	944	125	1,315
TOTAL		13	1,287	146	773				9	1,324	127	2,291
UPPER BAY, NEW YORK HARBOR, N. Y. AND N. J.												
	INBOUND					OUTBOUND						
47									1			1
45			13									
44			7									
43			7									
42			16						1			1
41			40						4			4
40			53						7			7
39			53						1			1
38			56						7			7
37			57						8			8
36			64						9			16
35			54		1				10			19
34			41		2				2			13
33			29						4			14
32			23						9		2	23
31			16						12			27
30			19		1				25			37
29			9		2				8			27
28			14		3				10			34
27			7						7			59
26			9		7				11			42
25			16	2					6			49
24			9		14				43			44
23			9		10				19			74
22			10		30				1			50
21			5		14				3		2	51
20			18		7	1			15		1	48
19			15		3				11			80
18			4		3				9		21	34
17			1		17				3		17	29
16 AND LESS	15,979	379	15,087	1,493	1,795	34,733	15,968	357	14,981	1,589	1,527	34,422
TOTAL	16,134	1,013	15,126	1,495	2,009	35,777	16,098	722	15,021	1,590	1,754	35,105
NEWARK BAY, N. J.												
	INBOUND					OUTBOUND						
39			23		2		25		1			23
38			24				24					22
37			20		4		24		2			24
36			41				41		1			46
35			49		8		57		4			57
34			78		1		79		1			86
33			98		1		99		5			111
32			81		2		83		3			116
31			94		2		96		4			114
30			123		5		128		5			150
29			158		4		162		2		1	212
28			281		3		284		2		1	281
27			264		1		265		2		1	266
26			176		4	2	182		3		1	214
25			143		6	1	150		8		1	136
24			173		6	2	181		6		3	121
23			85		5		90		3			82
22			88		2	2	92		4		3	83
21			53		1	3	57		7		3	71
20			50		2	3	55		1		16	85
19			33		2	2	37		1	2		44
18 AND LESS	311	627	7,562	106	1,274	9,884	285	531	7,520	97	1,400	9,833
TOTAL	2,446	686	7,564	106	1,293	12,095	2,522	596	7,522	97	1,400	12,177
HACKENSACK RIVER, N. J.												
	INBOUND					OUTBOUND						
23					1							1
22					1							1
21					1							2
19					1							1
18 AND LESS	7	257	831	764	348	2,207	3	252	806	763	354	2,178
TOTAL	7	257	831	764	351	2,210	3	252	806	763	354	2,182
PASSAIC RIVER, N. J.												
	INBOUND					OUTBOUND						
37			6						1			1
31			2						3			3
30			1						3			3
29			1						4			4
28			9						6			6
27			8						1			1

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	
DRAFT (FEET)												
PASSAIC RIVER, N. J.--(CONTINUED)												
26	1	5		INBOUND		7			OUTBOUND		4	
25		1				2					7	
24		4				8					9	
23		4				4					9	
22		4			47	51				5	12	
21		3			9	12				10	13	
20		7			11	18	1	4		17	22	
19		1			2	19		4		14	20	
18		4			15	32		94		67	114	
17		3	3		3	15		15	3	104	122	
16		7	2		19	24	1	70	2	95	164	
15		15	105		1	13		54	106	64	230	
14		45	108		2	64		95	114	3	410	
13		39	564		1	72		134	574	13	938	
12 AND LESS	2	847	2,359		74	1,458		440	2,414	74	3,966	
TOTAL	3	1,016	3,141	94	1,736	5,994	2	946	3,225	96	6,063	
NEW YORK AND NEW JERSEY CHANNELS, N. Y. AND N. J.												
47		8		UPBOUND		8			DOWNBOUND		9	
46		3				3					4	
45		11				11		19			19	
44								13			15	
43	2					2	2	9			9	
42		2				2		4			6	
41	2	8				10	2	8			10	
40	3	19				22	2	26			28	
39		9				9	1	39			40	
38	1	16				17	1	61		2	64	
37	1	40	5			46	1	123	38		162	
36	6	21				27	4	93		3	104	
35	7	13				20	4	87		1	96	
34	11	14				25	11	116		5	132	
33	16	16			2	34	14	52		3	70	
32	32	22			9	63	31	72		10	113	
31	41	13			3	57	38	59		4	104	
30	76	14			1	91	40	49		4	137	
29	26	25			6	57	31	40		11	85	
28	4	88			13	109	6	39		2	67	
27	7	45		1	4	61	3	42		13	54	
26	9	94			25	132	3	64	3	1	113	
25	3	62		1	30	100	50	63	1	24	146	
24	2	80			141	223	3	61		1	136	
23	1	46	1		93	141	55	50	2	2	145	
22	1	53	6		54	118	3	57	11	51	122	
21	1	26			86	113	2	30		64	96	
20	1	41	43		134	219	1	76	49	81	207	
19	2	12	32		104	154	1	12	31	80	123	
18 AND LESS	856	4,730	32,346		5,713	10,267	874	4,159	32,631	4,255	54,370	
TOTAL	1,115	5,535	32,433	5,715	10,984	55,786	1,234	5,534	32,766	6,263	56,789	
RARITAN RIVER TO ARTHUR KILL CUT OFF CHANNEL, N. J.												
22				UPBOUND		27			DOWNBOUND		39	
21						7					18	
20			3			11			1		14	
19						7					13	
18						20					10	
17			4			34			4		24	
16			1			34			1		14	
15			35	1		47			39	1	46	
14			55			69			40		62	
13			253			273			203		221	
12			233	2		37			274		234	
11			153			11			173		144	
10			225	4		5			234	77	316	
9			87	1		49			93	42	141	
8			36	2		5			106	24	136	
7			20			20			16	1	20	
6						2					2	
5						11					16	
4			1			43					34	
3						136				1	110	
2						93				1	8	
1			4			4					4	
TOTAL		9	1,109	120	432	1,670	6	1,121	151	392	1,670	
NEW YORK HARBOR, N. Y. LOWER ENTRANCE CHANNELS												
47			9	INBOUND		9			OUTBOUND		9	
46			4			4					3	
45	1	33				34	1	11			12	
44	3	21				24	2	1			3	
43		16				16	1				1	
42		24				24	1	3			4	
41	5	50				55	6	14			20	
40	7	84				91	9	27			36	

NEW YORK, NY, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION							
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	
	DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO		TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO		TANKER
NEW YORK HARBOR, N. Y., LOWER ENTRANCE CHANNELS--(CONTINUED)													
	INBOUND						OUTBOUND						
39	18	100				118	20	11				31	
3A	26	123			1	150	29	26				55	
37	31	184	15			230	27	52	11			90	
36	6A	146			1	215	61	31			1	93	
35	71	148			3	222	77	36				113	
34	100	141			3	244	105	17				122	
33	142	76			4	223	153	20				177	
32	208	91			10	309	220	38				258	
31	203	72			1	276	225	55			3	283	
30	265	67			3	335	270	51			1	322	
29	323	48			7	379	344	50			6	400	
28	456	53			3	512	423	139			1	563	
27	457	39			4	500	499	70			15	595	
26	329	48			21	401	361	167			12	543	
25	333	35	3		10	378	349	121	1		5	462	
24	305	41			36	383	258	136			5	399	
23	303	22			15	346	217	124	3		20	366	
22	251	25			65	350	234	107	8		1	369	
21	154	15			24	193	175	64			1	245	
20	132	19			18	177	193	136	8		1	342	
19	106	4			1	150	109	28			19	156	
18	584	1,917	2,198		87	988	5,774	587	2,019	2,153	61	1,152	5,972
TOTAL	4,881	3,655	2,226	105	1,255	12,122	4,956	3,579	2,184	98	1,247	12,064	
HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y., TO WATERFORD, N. Y., FOREIGN AND COASTWISE													
	UPBOUND						DOWNBOUND						
48						1						1	
47						2						2	
41						2						2	
40												1	
39						3						3	
38						3						3	
37						5						3	
36						5						3	
35						8						4	
34						8						5	
33						19						22	
32						89						72	
31						46						51	
30						22						20	
29						40						81	
28						121						93	
27						104						148	
26						53						73	
25						81						67	
24						43						44	
23						35						51	
22						58						72	
21						28						24	
20						24						32	
19						17						24	
18 AND LESS						139						1,490	
TOTAL	460	104	557	801	97	2,419	432	111	396	913	94	2,346	
HUDSON RIVER, N. Y., DEEPWATER IN UPPER BAY, N. Y., TO WATERFORD, N. Y., INTERNAL													
	UPBOUND						DOWNBOUND						
32						2						1	
31						2						1	
30						3						1	
29						4						1	
28						9						1	
27						14						3	
26						10						1	
25						12						1	
24						37						1	
23						18						2	
22						9						6	
21						12						6	
20						21						4	
19						21						4	
18 AND LESS						8,074						21,059	
TOTAL	8,074	463	10,189	3,669	1,884	24,263	4,493	462	9,701	4,427	1,976	21,085	
HUDSON RIVER, N. Y., MOUTH OF SPUYTEN DUYVIL CREEK (HARLEM RIVER) TO WATERFORD, N. Y.													
	UPBOUND						DOWNBOUND						
33						29						11	
32						30						16	
31						26						25	
30						18						16	
29						21						2	
28						41						9	
27						31						42	
26						26						42	
25						52						35	

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION						DIRECTION							
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO		TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER			
HUDSON RIVER, N. Y., MOUTH OF SPUYTEN DUYVIL CREEK (HARLEM RIVER) TO WATERFORD, N. Y.,--(CONTINUED)														
				UPBOUND						DOWNBOUND				
24	17	6		1	43	67	11	7					18	
23	19	1		2	20	42	36	12					44	
22	17	4	10	4	22	57	34	6	10	1	6		41	
21	9	6			19	34	13						15	
20	1	4	5		24	34	14	5	5				23	
19	5	5	2		25	37	10	2		2	2		16	
18	3	25			93	121	15	4		47	4		74	
17	2	21	6		50	79	5	4		14	1		24	
16	4	57	7	1	53	122	6	1	6	3	1		17	
15	1	41	89	2	114	247	3	3	63	5	13		87	
14	3	53	161	25	200	442	2	6	144	3	4		159	
13	10	76	481	25	322	914	1	1	469	7	3		441	
12 AND LESS	1,151	115	3,509	2,712	756	8,243	1,059	365	2,446	3,601	1,599		9,490	
TOTAL	1,391	487	4,270	2,772	1,793	10,713	1,284	499	3,553	3,735	1,640		10,715	
TARRYTOWN HARBOR, N. Y.				INBOUND						OUTBOUND				
13		4	2			6								
12		2	5	132	4	147			5				5	
11		3	2			10								
10			16	194	1	215		5	16	15			36	
9			44		1	45			50				50	
8			30		1	31		1	24				29	
7			40			40		1	42				43	
6 AND LESS					1	1		2		224	17		243	
TOTAL		9	139	330	17	495		9	141	239	17		406	
RONDOUT HARBOR, N. Y.				INBOUND						OUTBOUND				
15		2	2			2								
14		2				12								
13			10			5								
12						7								
11			2			5			4				4	
10			8			3			4				4	
9			9			11			4				11	
8			30		1	10		1	4	324			336	
7			12			30			34				36	
6 AND LESS				329	1	330		12	6				18	
TOTAL		14	63	329	29	435		14	65	335	29		443	
PORT OF ALBANY, N. Y.				INBOUND						OUTBOUND				
33	9	7				16	3	6					9	
32	17	6				23	4	2					10	
31	5	12				17	6	3					11	
30	6	4				10	11	2					13	
29	1	5			1	7	2						2	
28	7	5			2	14	4	1					5	
27	7	1			7	15	7	1					8	
26	9	4			3	16	12	10					22	
25	25	4			7	39	11	13					24	
24	16	1			10	47	7	1					6	
23	14				12	30	14	4					24	
22	13	2	10		20	45	25	5	10				44	
21	5				13	18	7						1	
20	1	1			15	17	7	1					9	
19	2	2			11	15	4						7	
18	3	16			15	34	10	2					18	
17	1	15			26	44	3						4	
16	1	25			37	63	2	2					5	
15		12	41		77	130	1	3	34				13	
14	1	9	29	1	85	125	1	4	20				30	
13	1	13	158		93	265		1	147				153	
12 AND LESS	2	50	1,081		240	1,373	3	132	1,074		645		1,454	
TOTAL	153	194	1,319	1	646	2,363	154	199	1,287		644		2,325	
FEDERAL LOCK, TROY, N. Y.				NORTHBOUND						SOUTHBOUND				
14					1	1								
13					7	7								
12		5	13		44	66			9		1		10	
11			32		15	47			24				24	
10		33	181		149	343			215				215	
9		2	112		4	116		1	102				103	
8					1	1							3	
7													5	
6	1,700												1,800	
5													93	
4													159	
3													159	
TOTAL	1,700	40	338		225	2,303	1,400	40	354		222		2,416	
NARROWS OF LAKE CHAMPLAIN, N. Y. AND VT.				UPBOUND						DOWNBOUND				
13					6	6							6	
12			1	12		13			6				6	
11				16		28			16				16	

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
NARROWS OF LAKE CHAMPLAIN, N. Y. AND VT.--(CONTINUED)												
10 - - - - -		33	110		134	277		131				131
9 - - - - -		1	106		3	110		1	96			97
8 - - - - -					1	1					3	3
6 AND LESS - - - - -	1					1	7	33			150	190
TOTAL - - - - -	1	35	244		156	436	7	34	251		153	445
HEMPSTEAD HARBOR, N. Y.												
15 - - - - -		19	9		13	41		5				9
14 - - - - -		5	1		14	24		5				5
13 - - - - -		31	27		32	90		23				23
12 - - - - -		4	66		23	97		42	738			780
11 - - - - -		5	14	4	34	57		12	55	2		69
10 - - - - -			55	477	6	538		45	651			696
9 - - - - -			452	74	4	534	21	500	2	2		525
8 - - - - -			168	9		177	4	165		1		170
7 - - - - -			161	1		162		179				179
6 AND LESS - - - - -				1,441	1	1,442	43		534	124		705
TOTAL - - - - -		64	953	2,006	135	3,162	68	974	1,980	133		3,157
PORT JEFFERSON HARBOR, N. Y.												
35 - - - - -			7		1	8						
30 - - - - -			1			1		1				1
29 - - - - -			2			2						
28 - - - - -			4		1	5						
27 - - - - -			2		3	5						
26 - - - - -			1		1	2		1				1
25 - - - - -			3		5	8						
24 - - - - -			3		20	23	2					2
23 - - - - -			1		4	5	1				1	2
22 - - - - -				7	14	23	2	7			7	16
21 - - - - -			2		14	16	2				1	3
20 - - - - -				4	14	18	6	2			1	9
19 - - - - -			1		3	4	3					3
18 - - - - -			2		22	24	5				3	8
17 - - - - -			4		25	31	1	1			3	5
16 - - - - -			10	12	21	43		8	2	3		13
15 - - - - -			4	24	39	71	2	34		2		38
14 - - - - -			7	25	54	93		26		4		30
13 - - - - -			4	40	54	104		80				81
12 AND LESS - - - - -	2,955	7	521	217	404	4,108	2,956	48	523	193	674	4,394
TOTAL - - - - -	2,956	73	642	217	711	4,639	2,956	74	681	195	700	4,606
ARDONS CREEK, N. Y.												
TOTAL, 6 AND LESS - - - - -	10,216					10,216	10,217					10,217
BURLINGTON HARBOR, VT.												
TOTAL, 12 AND LESS - - - - -	418	19	60		41	938	818	18	70		41	947
CHEESBROUKE CREEK, N. J.												
CONY ISLAND CREEK, N. Y.												
TOTAL, 13 AND LESS - - - - -			20		16	36		16			15	31
ECHO BAY HARBOR, N. Y.												
TOTAL, 10 AND LESS - - - - -			1		1	2		1			1	2
ELIZABETH RIVER, N. J.												
TOTAL, 11 AND LESS - - - - -			2			2		2				2
FIRE ISLAND INLET, N. Y.												
TOTAL, 8 AND LESS - - - - -	9,350					9,350	9,350					9,350
GLEN COVE CREEK, N. Y.												
TOTAL, 12 AND LESS - - - - -		1	166	142	10	319		1	158		141	309
GLEN COVE HARBOR, N. Y.												
GREAT KILLS HARBOR, STATEN ISLAND, N. Y.												
TOTAL, 5 AND LESS - - - - -	2,590					2,590	2,590					2,590
GREAT SOUTH BAY, N. Y.												
TOTAL, 8 AND LESS - - - - -	54,863					54,863	54,556					54,556

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION							
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	
	DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO		TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO		TANKER
GREENPORT HARBOR, N. Y. TOTAL, 10 AND LESS	22,341			1	INBOUND	1	22,343	22,340		1	OUTBOUND	1	22,342
HUNTINGTON HARBOR, N. Y. TOTAL, 10 AND LESS	1,239			2	INBOUND	5	1,246	1,239		2	OUTBOUND	4	1,246
JONES INLET, N. Y. TOTAL, 8 AND LESS	13,555				UPBOUND		13,555	13,555	1		DOWNBOUND		13,556
KEYPORT HARBOR, N. J. TOTAL, 4 AND LESS	630				INBOUND		630	630			OUTBOUND		630
LAKE MONTAUK HARBOR, N. Y. TOTAL, 10 AND LESS	63,222				INBOUND		63,222	63,222			OUTBOUND		63,222
LARCHMONT HARBOR, N. Y.					NO VESSEL TRIPS REPORTED								
LEMON CREEK, STATEN ISLAND, N. Y.					NO VESSEL TRIPS REPORTED								
LONG ISLAND INTRACOASTAL WYNY, N. Y. TOTAL, 8 AND LESS	17,687				UPBOUND		17,687	17,687			DOWNBOUND		17,687
MAMARONECK HARBOR, N. Y.					NO VESSEL TRIPS REPORTED								
MANHASSET BAY, N. Y. TOTAL, 12 AND LESS				160	INBOUND	73	233		160		OUTBOUND	74	235
MATTITUCK HARBOR, N. Y. TOTAL, 7 AND LESS	2,350				INBOUND		2,350	2,350	2		OUTBOUND		2,352
NEW ROCHELLE HARBOR, N. Y. TOTAL, 5 AND LESS	1,435				INBOUND		1,435	1,435			OUTBOUND		1,435
NORTHPORT HARBOR, N. Y. TOTAL, 12 AND LESS	66		2	66	INBOUND	6	140	66	2	64	OUTBOUND	7	139
ORONOC CREEK, N. Y. TOTAL, 8 AND LESS	9,542				UPBOUND		9,542	9,574			DOWNBOUND		9,576
PATCHOGUE RIVER, N. Y. TOTAL, 6 AND LESS	1,089				UPBOUND		1,089	1,090			DOWNBOUND		1,090
PECONIC RIVER, N. Y.					NO VESSEL TRIPS REPORTED								
PEEKSKILL HARBOR, N. Y.					NO VESSEL TRIPS REPORTED								
PORT HENRY HARBOR, N. Y. TOTAL, 12 AND LESS				6	INBOUND	5	11		10		OUTBOUND	5	15
RAHWAY RIVER, N. J. TOTAL, 10 AND LESS				56	UPBOUND	23	79		56		DOWNBOUND	23	79
ROUSES POINT, N. Y.					NO VESSEL TRIPS REPORTED								
SAG HARBOR, N. Y. TOTAL, 13 AND LESS				1	INBOUND	1	2		1		OUTBOUND	2	3
SANDY HOOK BAY AT LEONARDO, N. J.					NO VESSEL TRIPS REPORTED								
SANDY HOOK BAY, N. J. TOTAL, 5 AND LESS	6,170				INBOUND		6,170	6,170			OUTBOUND		6,170
SAUGERTIES HARBOR, N. Y.					NO VESSEL TRIPS REPORTED								
SHARK RIVER, N. J. TOTAL, 6 AND LESS	17,475				UPBOUND		17,475	17,475			DOWNBOUND		17,475
SHEEPSHEAD BAY, N. Y. TOTAL, 13 AND LESS	9,656	36	24		INBOUND	3	9,659	9,656	35	18	OUTBOUND	1	9,650

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO		TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	
SHINNECOCK INLET, N. Y. TOTAL, 8 AND LESS	4,338				UPBOUND	4,338	4,338				DOWNBOUND	4,338
SHOAL HARBOR AND COMPTON CRK, N. J. TOTAL, 12 AND LESS			2	1	INBOUND	4		2	1		OUTBOUND	4
SHREWSBURY RIVER, N. J. TOTAL, 4 AND LESS	7,210				UPBOUND	7,210	7,210				DOWNBOUND	7,210
HALLAMIT CHANNEL, N. Y.					NO VESSEL TRIPS REPORTED							
HAYCAKE CREEK, N. J.					NO VESSEL TRIPS REPORTED							
GOWANUS CANAL, N. Y. TOTAL, 15 AND LESS			387	261	UPBOUND	937		385	265		DOWNBOUND	896
GRAVESEND BAY, N. Y. TOTAL, 45 AND LESS	28	18	623	247	UPBOUND	985	27	18	615		DOWNBOUND	973
LONG ISLAND SOUND, N. Y. TOTAL, 20 AND LESS	1,435		31		INBOUND	1,467	1,435		39		OUTBOUND	1,475
OYSTER BAY, N. Y. TOTAL, 16 AND LESS	1	42	216	185	UPBOUND	477	1	42	216		DOWNBOUND	476
SANDY HOOK BAY, N. J. TOTAL, 34 AND LESS	7,224	31	53		INBOUND	7,311	7,224	17	58		OUTBOUND	7,383

PHILADELPHIA, PA, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
DELAWARE RIVER, TRENTON, N. J. TO THE SEA (CONSOLIDATED REPORT) FOREIGN AND COASTWISE											
				UPBOUND					DOWNBOUND		
49		103				1	1				2
48		12									12
47	1	9									10
46		12									12
45		13									13
44	1	14				1					15
43		17									17
42		24									24
41	1	17					1				18
40	24	49				2	4				113
39	3	93			1	1	3				97
38	5	96				14	9				101
37	3	104	10		1	24	11		9		122
36	11	95			1	40	27				107
35	12	61				74	31				104
34	36	64				27	16				73
33	26	55				25	37				61
32	33	34				47	43				67
31	51	27			3	40	31				71
30	63	35				63	74				137
29	81	30			5	94	61				155
28	111	32			1	144	123				267
27	123	27		11	2	163	123				286
26	155	40		2	3	200	151		1		352
25	161	31				192	144				336
24	190	31			4	227	179				406
23	185	29	2	1	14	231	151				382
22	170	26	22	2	30	250	116	32	22		400
21	120	22		2	4	148	101	22			271
20	117	15	7	1	4	144	91	29	5		271
19	91	12	43		4	154	44	17	42	1	258
18 AND LESS	238	99	1,231	65	742	2,375	214	111	1,295	62	3,222
TOTAL	2,012	1,380	1,315	84	825	5,616	1,912	1,264	1,374	63	8,566
DELAWARE RIVER, TRENTON, N. J. TO THE SEA (CONSOLIDATED REPORT) INTERNAL											
				UPBOUND					DOWNBOUND		
39		1				1					1
37			4			4		1	2		7
36						16		3		1	20
35						45		1			46
34		4				17					21
33		5				22		1			27
32	1	1				22					24
31		2				20					22
30		2				23		2			27
29	1	1				30		2			33
28		7				14	5				19
27		5				30	13	2			45
26		3				14	14	5			36
25		4				19	10	10			39
24	1					24	27	3	6		60
23		3				34	37	3			74
22		4				22	26	4	2		54
21		1				19	20	2			41
20		1				21	22	3			46
19		1				54	59				113
18 AND LESS	13,655	147	12,302	1,518	3,613	31,235	17,565	141	11,655	1,531	3,546
TOTAL	13,656	192	12,306	1,518	4,051	31,725	17,611	184	11,659	1,531	3,715
DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.											
				UPBOUND					DOWNBOUND		
39	1	11				12					23
38	4	11				15					26
37	1	10	2			13		2	1		16
36	2	5				7		1			10
35	4	4				8		3			15
34	6	10				16		4			26
33	6	3				9		2			14
32	14	4				20		7		1	28
31	23	4			3	30	13	4			47
30	30				1	31	27	2			60
29	39	5				44	43	5			92
28	47	4				53	48	1			102
27	56	4			2	62	54	10			126
26	61	9			1	71	64	9		1	145
25	51	5			4	60	60	10		3	133
24	41	3			2	46	46	22			114
23	59	4			3	66	51	10			127
22	43	5			6	54	36	2			92
21	28	4			1	33	29			1	62
20	31				5	36	26	3			65
19	20		27		9	56	34	1	24		115
18	20				5	25	23	5			53
17	10		3	74	24	116	11				151
16	14	1	7	76	14	114	11	1	4	10	153
15	5		316	66	32	419	6		292	12	727
14	2		134	47	45	224	1		135	34	364

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HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
DELAWARE RIVER BETWEEN PHILADELPHIA, PA., AND TRENTON, N. J.--(CONTINUED)				UPBOUND					DOWNBOUND			
13	1		300	123	62	363	7	273	338	31	311	
12 AND LESS	1	3	797		504	1,428	5	787	538	597	1,729	
TOTAL	420	113	1,586	386	730	3,435	618	1,060	386	720	3,358	
DELAWARE RIVER, PHILADELPHIA, PA., TO THE SEA				INBOUND					OUTBOUND			
49			103			103	1	1			2	
48			12			12						
47			9			9						
46	1		12			12						
45			13			13						
44	1		18			19	1				1	
43			17			17						
42			24			24						
41	1		17			18	1				1	
40	24		89			113	2	4			6	
39	3		93		1	97	1	4			5	
38	5		96			101	18	9			27	
37	3		108		1	123	28	11	14		53	
36	11		98		4	113	41	27		6	74	
35	12		63		8	83	74	31		9	114	
34	36		64		23	127	22	39		29	90	
33	26		60		8	94	25	40		16	81	
32	34		35		13	82	30	43		32	105	
31	51		28		0	88	40	32		19	91	
30	65		34		12	113	63	77		33	173	
29	82		31		22	135	94	63		56	213	
28	111		35		8	154	115	127		19	261	
27	120		30	11	15	176	135	80		32	247	
26	157		46	2	13	218	165	152	1	26	344	
25	161		34		11	206	156	137		44	337	
24	192		31		22	245	185	165		79	429	
23	185		33	2	33	254	151	53		64	268	
22	170		30	24	2	268	116	36	22	129	303	
21	120		23	2	18	163	101	24		74	199	
20	117		15	7	15	155	91	33	5	66	195	
19	91		12	43	64	211	88	19	42	185	295	
18 AND LESS	15,408	251	13,153	1,658	4,295	35,145	15,864	249	13,290	1,518	3,855	
TOTAL	17,588	1,572	13,240	1,677	4,638	38,712	17,604	1,456	13,374	1,519	4,733	
DELAWARE RIVER AT CAMDEN, N. J.				INBOUND					OUTBOUND			
38			2			2	2				2	
37			1			1	2				3	
36			1			1	2				2	
35	2		1			2	4	1			5	
34	5		2			7	3	2			5	
33	3		3			3	2				2	
32	3		3			3	4				4	
31	5		5		1	6	5				5	
30	13		13			13	11				11	
29	10		1			11	11				11	
28	12		8			12	9				9	
27	8		8			8	9				9	
26	19		19			19	13				13	
25	15		15		1	16	12			1	13	
24	34		4		4	38	20	1			21	
23	26		1			26	15				15	
22	23		1			24	9				9	
21	17		1		1	19	17			1	18	
20	19		1		1	21	20				20	
19	23		7		7	30	21	1		3	25	
18 AND LESS	56	4	1,224	60	390	1,734	66	5	1,214	55	406	
TOTAL	293	13	1,224	60	405	1,995	254	10	1,214	55	411	
SCHUYLKILL RIVER, PA.				INBOUND					OUTBOUND			
35			15			15	60	5			65	
34			5			5	5	8			13	
33			2		2	4	5	27			32	
32			3			3	3	4			7	
31			4		1	5	4	4			8	
30			6			6	2	4			10	
29	1		1			2	2	2			4	
28			3			3	2	5			7	
27	1		4		1	6	2	3			5	
26	4		1		2	7	8	4			12	
25	3		3		1	7	2	3			5	
24	8		3		3	14	7	4			11	
23	7		3		4	15	3	7			12	
22	10		6	14	17	47	3	4	19		30	
21	13		6		4	23	1	2			13	
20	15		4	2	7	28	4				12	
19	16		3		30	49	3	3			15	
18	8		6		14	28	1	13			17	
17	9		7		37	43		2			11	
16	3		2	5	24	36	3	1	1		11	
15	0		8	33	1	34	2	282	1		284	
14	1		4	59	47	131	7	60			67	

PHILADELPHIA, PA, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
SCHUYLKILL RIVER, PA.--(CONTINUED)				INBOUND					OUTBOUND			
13			195	11A		313		2	229		73	304
12 AND LESS		24	3,087	57	1,046	4,214		7	3,086		1,198	4,310
TOTAL	105	123	3,693	58	1,454	5,413	112	125	3,675	24	1,554	5,408
PHILADELPHIA HARBOR, PA.				INBOUND					OUTBOUND			
49		33				33						
46		3				3						
47		2				2						
45		1				1						
44		3				3						
43		3				3						
42		5				5						
41		5				5						
40		24	9			33		2				2
39		2	22			24		1	1			2
38		1	29			30		14	1			22
37		1	12	6		18		23	2	7		32
36		10	14			24		30	12			51
35		7	14			33		60	11			40
34		22	15			47		19	17		4	40
33		18	9			32		19	31		9	99
32		16	6			30		20	12		15	47
31		25	9			43		31	7		3	41
30		40	10			57		43	18		3	64
29		59	8			75		66	25		4	89
28		78	12			97		73	37			110
27		90	9			111		90	16		3	118
26		106	11			123		113	35		4	152
25		104	8			115		109	20			136
24		110	10			127		129	39			177
23		127	14			156		156	18			141
22		118	12	22		183		73	22			114
21		79	11		1	99		50	8		9	63
20		69	5	2	1	89		44	8		7	59
19		54	5	16		112		51	4	13		107
18 AND LESS	4,413	181	7,340	661	2,152	14,756	4,391	173	7,396	636	2,136	14,732
TOTAL	5,569	490	7,395	663	2,377	16,495	5,578	506	7,438	636	2,281	16,439
TRENTON HARBOR, N. J.				INBOUND					OUTBOUND			
14				216	3	219						
13			65			71			64			64
12			136			137			134			134
11			3	13	3	19			3			3
9			2			2						
6 AND LESS										229	11	240
TOTAL			206	229	13	448			201	229	11	441
WILMINGTON HARBOR, DELAWARE				INBOUND					OUTBOUND			
38						1		2				2
37		1	1			2		2				2
36		1				2						
35			2			2						
34		9				9						
33		3	1			4		4	2			2
32		9				9		5	1			6
31		5				5		2	1			3
30		7	1			9		7	1			7
29		9	1			10		9				9
28		15				15		12				12
27		20				21		12				12
26		24	1			25		23				23
25		35	2			39		25	4			29
24		36	1			40		25	1			26
23		27				28		30	2			32
22		24				24		24				24
21		15				16		32				32
20		15				16		25	2			27
19		4				14		14	2			16
18 AND LESS	23	7	496	72	231	829	29	8	403	66	243	639
TOTAL	282	18	496	72	252	1,120	286	23	403	66	243	1,111
INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL. AND MD., CHESAPEAKE AND DELAWARE CANAL				EASTBOUND					WESTBOUND			
34		2				2		2	2			4
35			1			1				2		2
33		2				2		2	1			3
32		1				1		3				3
31		80	2			83		51	2			53
30		86	1	1		94		68	1	1	5	74
29		81	2			87		78	3			81
28		101	2			108		142	3		3	148
27		142	4			155		147	14		5	176
26		135	3			141		147	11		9	163
25		117	3			118		127	9			144
24		151	1			149		121	7		10	139

PHILADELPHIA, PA, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
INLAND WATERWAY FROM DELAWARE RIVER TO CHESAPEAKE BAY, DEL. AND MD., CHESAPEAKE AND DELAWARE CANAL--(CONTINUED)				EASTBOUND					WESTBOUND			
23 - - - - -	110	0			5	119	80	0	1	1	12	
22 - - - - -	70	2		3	4	79	42	3		2	14	
21 - - - - -	54	2		1	5	64	74	2		1	6	
20 - - - - -	44	5	5	2	5	65	64	5	0	2	10	
19 - - - - -	43	3	1	2	10	59	67	2	2	1	22	
18 - - - - -	43	3	3	10	15	74	56	3	0	2	50	
17 - - - - -	28	2	35	50	16	131	36	4	40	3	26	
16 - - - - -	25	1	61	110	17	214	24	6	68	1	98	
15 - - - - -	16	5	173	121	30	345	19	6	152	38	81	
14 - - - - -	10	1	149	71	22	253	10	8	148	26	97	
13 - - - - -	10	1	245	22	18	296	6	4	230	9	69	
12 AND LESS - - - - -	100	22	1,390	446	1,019	2,977	102	6	1,379	746	638	
TOTAL - - - - -	1,452	74	2,063	461	1,190	5,600	1,449	110	2,038	448	1,160	
ARSECON CREEK, N. J.				NO VESSEL TRIPS REPORTED								
ARSECON INLET, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 15 AND LESS - - - - -	1,282					1,282	1,226				1,226	
ALLOWAY CREEK, N. J.				NO VESSEL TRIPS REPORTED								
APPOQUIMINK RIVER, DEL.				NO VESSEL TRIPS REPORTED								
BARNEGAT INLET, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 10 AND LESS - - - - -	3,430					3,430	3,429				3,429	
BIG TIMMER CREEK, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 14 AND LESS - - - - -			85	17	75	177		95		14	67	
BROADKILL RIVER, DEL.				NO VESSEL TRIPS REPORTED								
CAPE MAY CANAL, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 10 AND LESS - - - - -	3,402		1		2	3,405	3,146				3,146	
COMANSEY RIVER, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 12 AND LESS - - - - -	90		4		7	101	90		4		7	
COLD SPRING INLET, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 15 AND LESS - - - - -	5,422		1			5,423	5,764		1		5,764	
COOPER RIVER, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 11 AND LESS - - - - -			1		9	10		1			8	
HARBOR OF REFUGE, DELAWARE BAY, DEL.				UPBOUND						DOWNBOUND		
TOTAL, 12 AND LESS - - - - -	2,082		5	114	14	2,215	2,082		5	114	4	
INDIAN RIVER INLET AND BAY, DEL.				UPBOUND						DOWNBOUND		
TOTAL, 5 AND LESS - - - - -	540					540	540				540	
INLAND WATERWAY BETWEEN REHOBOTH BAY AND DELAWARE BAY, DEL.				UPBOUND						DOWNBOUND		
TOTAL, 9 AND LESS - - - - -	793		7			800	793		7		800	
LEIPSIK RIVER, DEL.				NO VESSEL TRIPS REPORTED								
LITTLE EGG HARBOR, N. J.				NO VESSEL TRIPS REPORTED								
LITTLE RIVER, DEL.				NO VESSEL TRIPS REPORTED								
MANASQUAN RIVER, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 15 AND LESS - - - - -	2,217		2			2,219	2,125		2		2,127	
MANTUA CREEK, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 19 AND LESS - - - - -	3	34	70	68	14	193		33	75	65	19	
MAURICE RIVER, N. J.				UPBOUND						DOWNBOUND		
TOTAL, 8 AND LESS - - - - -	1,186					1,186	1,186				1,186	

PHILADELPHIA, PA, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
MISPILLION RIVER, DEL. TOTAL, 4 AND LESS	18				UPBOUND	18				DOWNBOUND	18	
MURDERKILL RIVER, DEL. TOTAL, 6 AND LESS	1,298				UPBOUND	1,298	1,298			DOWNBOUND	1,298	
NEW JERSEY INTRACOASTAL WATERWAY TOTAL, 12 AND LESS	16,066		1	114	UPBOUND	16,143	16,145		1	DOWNBOUND	16,260	
OLDMANS CREEK, N. J. TOTAL, 6 AND LESS					UPBOUND	5				DOWNBOUND	5	
PEPPER CREEK, DEL.					NO VESSEL TRIPS REPORTED							
SALEM RIVER, N. J. TOTAL, 10 AND LESS			5		UPBOUND	5			3	DOWNBOUND	3	
SMYRNA RIVER, DEL. TOTAL, 5 AND LESS	95				UPBOUND	95	95			DOWNBOUND	95	
ST. JONES RIVER, DEL.					NO VESSEL TRIPS REPORTED							
TOMS RIVER, N. J.					NO VESSEL TRIPS REPORTED							
TUCKERTON CREEK, N. J. TOTAL, 4 AND LESS	688				UPBOUND	688	688			DOWNBOUND	688	
WATERWAY FROM INDIAN RIVER INLET TO REMOOTH BAY, DEL.					NO VESSEL TRIPS REPORTED							

BALTIMORE, MD, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
BALTIMORE HARBOR AND CHANNELS, MD.	INBOUND						OUTBOUND					
41 -	2					2		2			2	
40 -	35	18				53	78	19			97	
39 -	4	2				6	34	6			40	
38 -	2	2				4	42	6			48	
37 -	7	11				18	31	3			34	
36 -	8	8			1	17	53	4			57	
35 -	7	7				14	24	1			25	
34 -	17	18		1		36	26	4		1	31	
33 -	27	9				36	39	4			43	
32 -	67	24				91	99	2			101	
31 -	108	12			1	121	115	7			122	
30 -	164	12			1	177	212	5			217	
29 -	204	14				218	247	5		1	253	
28 -	234	15				249	275	14			289	
27 -	292	15		12	2	321	384	10		1	395	
26 -	379	22		21	1	405	447	20		6	491	
25 -	379	22		2	2	405	247	29		2	291	
24 -	282	12		19	6	319	239	21		12	273	
23 -	239	7		12	11	269	191	16		3	212	
22 -	190	6		4	10	210	162	22		3	190	
21 -	132	2		1	4	143	89	3		1	93	
20 -	133	3		2	4	142	102	16		1	122	
19 -	80	3	2	6	17	108	86	5	1	13	109	
18 AND LESS -	4,313	489	10,160	1,608	2,340	18,910	4,226	507	10,080	1,711	2,389	
TOTAL -	7,218	726	10,162	1,608	2,404	22,198	7,244	731	10,082	1,742	2,417	
CHOPTANK RIVER, MD.	UPBOUND						DOWNBOUND					
20 -	2					2	2				2	
19 -	5					5					5	
18 -	1					1	2				2	
17 -	5					5	1				6	
16 -	1					1	3				4	
15 -							1				1	
14 -			1			1			1		2	
13 -			4			4	1		4		9	
12 -			3			3	3		5		8	
10 -	109		4		5	117	5		4		126	
9 -	4		4		4	8	4		4		16	
8 -	15		18		24	57	15		16		31	
7 -	9		1		1	10	9		1		20	
6 AND LESS -	2,691		3	43	4	2,698	2,568	8	47	33	2,658	
TOTAL -	2,438		34	47	34	2,953	2,604	39	47	33	2,727	
NANTICOKE RIVER (INCLUDING NORTHWEST FORK), DEL. AND MD.	UPBOUND						DOWNBOUND					
12 -			10		12	22			10		10	
11 -			2		22	27			2		29	
10 -			45		22	78			17	1	98	
9 -			34		5	42			34		76	
8 -			23		2	27			9		36	
7 -			9		1	10			11		21	
6 AND LESS -	955			44	1	1,000	955		35	63	1,053	
TOTAL -	955		123	63	65	1,206	955		121	64	1,203	
WICOMICO RIVER, MD., (EASTERN SHORE)	UPBOUND						DOWNBOUND					
13 -					5	5				2	2	
12 -			46		34	81			46		86	
11 -			20		87	122			14		136	
10 -	24		105		42	220			107		327	
9 -			17		9	36			17		53	
8 -			38		44	82			36		118	
7 -			27		2	29			32		61	
6 AND LESS -	234		2	3	1	240	265		2	77	322	
TOTAL -	258		255	78	224	615	265		254	77	621	
WASHINGTON HARBOR, D. C.	INBOUND						OUTBOUND					
16 -					48	48					48	
15 -					30	30					30	
14 -					1	1					1	
13 -					16	16					16	
12 AND LESS -	3,258		149		41	3,448	3,262		133		3,526	
TOTAL -	3,258		149		136	3,543	3,262		133		3,526	
ANACOSTIA RIVER, D. C.	INBOUND						OUTBOUND					
16 -					48	48					48	
15 -					30	30					30	
14 -					1	1					1	
13 -					16	16					16	
12 AND LESS -			149		41	190			133		260	
TOTAL -			149		136	285			133		260	

BALTIMORE, MD, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
DRAFT (FEET)	PASSENGER AND TOWBOAT	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND TOWBOAT	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
ELK AND LITTLE ELK RIVERS, MD. TOTAL, 9 AND LESS	8		4									12
FISHING BAY TRIBUTARIES, DORCHESTER COUNTY, MD. TOTAL, 5 AND LESS	1,419					1,419						1,419
FISHING CREEK, CALVERT COUNTY, MD.	NO VESSEL TRIPS REPORTED											
GOOSE CREEK, SOMMERSET COUNTY, MD. TOTAL, 4 AND LESS	46					46						46
HERRING BAY AND ROCKMOLD CREEK, MD. TOTAL, 4 AND LESS	281					281						281
HERRING CREEK, MD.	NO VESSEL TRIPS REPORTED											
HONGA RIVER AND TAR BAY, MD. TOTAL, 8 AND LESS	1,230		5			1,230		5			1	1,236
ISLAND CREEK, MD. TOTAL, 4 AND LESS	110					110						110
KNAPPS NARROWS, MD. TOTAL, 5 AND LESS	274					274						274
LITTLE CREEK, QUEEN ANNES COUNTY, MD.	NO VESSEL TRIPS REPORTED											
LITTLE HICOMICO RIVER, VA. TOTAL, 4 AND LESS	12		6,803			13,618	12	6,803			6,803	13,618
LOWER MACHODOC CREEK, VA. TOTAL, 5 AND LESS	492					492						492
LOWER THOROUGHFARE AT OR NEAR WENONA, DEAL ISLAND, MD. TOTAL, 4 AND LESS	390					390						390
LOWES WHARF, TALBOT COUNTY, MD.	NO VESSEL TRIPS REPORTED											
MARTIN RIVER, MD. TOTAL, 4 AND LESS	383					383						383
MIDDLE RIVER AND DARK HEAD CREEK, MD. TOTAL, 9 AND LESS	18		8			103	18	6				101
MILL CREEK, MD.	NO VESSEL TRIPS REPORTED											
MONROE BAY AND CREEK, VA. TOTAL, 4 AND LESS	269					269						269
MUDDY HOOK AND TYLER COVES, MD. TOTAL, 4 AND LESS	498					498						498
NAN COVE, MD.	NO VESSEL TRIPS REPORTED											
NANTICOKE RIVER AT RIVALVE, MD.	NO VESSEL TRIPS REPORTED											
NANTICOKE RIVER AT NANTICOKE, MD. TOTAL, 5 AND LESS	947					947						947
NEALE SOUND, MD. TOTAL, 4 AND LESS	14					14						14
NOMINI BAY AND CREEK, VA. TOTAL, 4 AND LESS	110					110						110
NORTHEAST RIVER, MD.	NO VESSEL TRIPS REPORTED											

BALTIMORE, MD, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION				TOTAL	DIRECTION				TOTAL		
	SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS				
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	POWBOAT OR SCUBA	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	POWBOAT OR SCUBA	DRY CARGO	TANKER		
OCCOQUAN CREEK, VA. TOTAL, 10 AND LESS			5A	6A	11A			57	DOWNROUND	60	117	
OCEAN CITY HARBOR AND INLET AND SINEPUXENT BAY, MD. TOTAL, 9 AND LESS	1,079		2		1,081	1,079			OUTROUND		1,079	
PARISH CREEK, MD. TOTAL, 4 AND LESS	40				40	40			DOWNROUND		40	
PATUXENT RIVER, MD. TOTAL, 12 AND LESS	134		30	3A	5A	252	134	32	DOWNROUND	3A 4A	253	
POCOMOKE RIVER, MD. TOTAL, 11 AND LESS	423	1	241	11A	15	798	423	1	261	DOWNROUND	11A 15	714
POTOMAC RIVER AT ALEXANDRIA, VA. TOTAL, 22 AND LESS	21		13		42	21		15	OUTROUND	7 2	45	
POTOMAC RIVER AT LOWER CEDAR POINT, MD.	NO VESSEL TRIPS REPORTED											
POTOMAC RIVER AT MT. VERNON, VA. TOTAL, 8 AND LESS	1,071				1,071	1,071		1	DOWNROUND	1	1,075	
POTOMAC RIVER, VIRGINIA CHANNEL, D.C. TOTAL, 6 AND LESS	2,189				2,189	2,187			OUTROUND		2,187	
POTOMAC RIVER, WASHINGTON CHANNEL, D. C. TOTAL, 8 AND LESS	1,073				1,073	1,071			OUTROUND		1,071	
QUEENSTOWN HARBOR, MD.	NO VESSEL TRIPS REPORTED											
RHODES POINT TO TYLERTON, SOMERSET COUNTY, MD. TOTAL, 5 AND LESS		6			6			7	DOWNROUND		7	
ROCK HALL HARBOR, MD.	NO VESSEL TRIPS REPORTED											
SLAUGHTER CREEK, MD. TOTAL, 4 AND LESS	130				130	130			DOWNROUND		130	
SMITH CREEK, MD. TOTAL, 4 AND LESS	15				15	15			DOWNROUND		15	
ST. CATHERINES SOUND, MD. TOTAL, 4 AND LESS	50				50	50			DOWNROUND		50	
ST. JEROME CREEK, MD. TOTAL, 6 AND LESS			2		2			2	DOWNROUND		2	
ST. MICHAELS HARBOR, MD. TOTAL, 7 AND LESS	109				109	109			OUTROUND		109	
ST. PATRICKS CREEK, MD. TOTAL, 4 AND LESS	140				140	140			DOWNROUND		140	
ST. PETERS CREEK, MD.	NO VESSEL TRIPS REPORTED											
SUSQUEHANNA RIVER ABOVE AND BELOW HAVRE DE GRACE, MD. TOTAL, 12 AND LESS	103		81	10A	288	104		105	DOWNROUND	10A	313	
TILGHMAN ISLAND HARBOR, MD.	NO VESSEL TRIPS REPORTED											
TOWN CREEK, MD. TOTAL, 10 AND LESS	16				16	16			DOWNROUND		16	
TRED AVON RIVER, MD. TOTAL, 12 AND LESS	4,753		20		34	4,807	4,752	20	DOWNROUND	12	4,804	

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BALTIMORE, MD, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
TWITCH COVE AND BIG THOROUGHFARE RIVER, MD. TOTAL, 8 AND LESS - - - - -	2,019	13	1	1	UPBOUND	2,034	2,020	13		DOWNBOUND	2,033
TYASKIN CREEK, MD.	NO VESSEL TRIPS REPORTED			REPORTED							
UPPER MACHODD CREEK, VA.	NO VESSEL TRIPS REPORTED			REPORTED							
UPPER THOROUGHFARE, DEAL ISLAND, MD. TOTAL, 9 AND LESS - - - - -	220		1		UPBOUND	221	220		1	DOWNBOUND	221
HARNICK RIVER, MD. TOTAL, 4 AND LESS - - - - -	150				UPBOUND	150	150			DOWNBOUND	150
WATERWAY FROM LITTLE CHOPTANK RIVER TO CHOPTANK RIVER, MD.	NO VESSEL TRIPS REPORTED			REPORTED							

NORFOLK, VA, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
NORFOLK HARBOR, VA.	INBOUND					OUTBOUND						
47	1					1	28	30			58	
46		1				1	33	10			56	
45							35	21			16	
44							14	2			23	
43							17	6			31	
42	1	2				3	24	7			33	
41		4				4	24	9			100	
40	2	9				11	80	20			62	
39	6	6				12	56	6			37	
38	2	13				15	36	1			61	
37	7	23				30	54	3			72	
36	21	14				35	67	5			57	
35	30	8				38	50	6	1		63	
34	31	13				44	44	6			68	
33	56	4				60	57	6			82	
32	57	16				73	80	8			182	
31	114	12				126	79	3			134	
30	147	19				166	165	17			164	
29	109	14			1	124	129	9			135	
28	174	21				195	155	6			132	
27	197	13		3	1	214	128	6		1	145	
26	146	30			3	179	129	10			151	
25	170	10		4		184	131	14			108	
24	181	10		1		192	125	24		2	95	
23	143	12		2	3	161	84	12	1	4	57	
22	135	11		1	3	150	82	9		2	96	
21	128	7			1	136	44	10		3	51	
20	105	7		6	4	122	74	17		2	51	
19	64	7		5	7	84	37	6		1	16,112	
18 AND LESS	1,125	1,271	6,987	4,583	2,224	16,190	1,022	1,334	7,335	4,261	2,154	
TOTAL	3,152	1,557	6,989	4,600	2,252	16,540	3,064	1,635	7,338	4,269	2,181	
HAMPTON ROADS, VA.	INBOUND					OUTBOUND						
47	1					1	28	35			61	
46		1				2	35	20			55	
45	1	1				2	84	61			145	
44							20	4			24	
43							23	11			34	
42	1	2				3	49	12			61	
41		4				4	39	12			51	
40	2	12				14	114	24			142	
39	10	7				17	77	7			84	
38	6	14				20	56	1			57	
37	13	27				40	77	3			80	
36	32	14				46	81	6			87	
35	37	13				50	66	4	1		75	
34	42	17				59	64	8			73	
33	66	8				74	65	7			72	
32	65	19				84	73	9			82	
31	122	18				140	85	4			89	
30	168	22				190	185	14			205	
29	122	26			1	139	139	9			148	
28	197	16				213	167	9			174	
27	221	26		3		243	137	7			146	
26	164	33		4	3	204	133	10		17	160	
25	200	1			4	215	153	15			168	
24	211	14			2	227	147	24		21	194	
23	201	16		1	4	223	116	12	1	9	143	
22	184	12		1	3	200	121	10		2	135	
21	191	7			3	201	54	11		3	72	
20	138	8		7	5	158	91	18		3	113	
19	83	7		6	9	107	44	6	1		57	
18 AND LESS	2,927	1,345	7,756	5,421	2,154	19,603	2,434	1,284	8,157	5,009	2,284	
TOTAL	5,405	1,693	7,759	5,443	2,188	22,448	5,368	1,663	8,159	5,062	2,307	
CHANNEL TO NEWPORT NEWS, VA.	EASTBOUND					WESTBOUND						
47			3			3						
46	2		1			3						
45	49		40			89	1	1			2	
44	6		2			8						
43	6		5			11						
42	25		5			30						
41	15		3			18						
40	38		4			42		3			3	
39	21		1			22	4	1			5	
38	20					20	4	1			5	
37	19					19	4	4			10	
36	14					15	11				11	
35	16		2			18	7	5			12	
34	21					21	11	6			17	
33	8					8	10	5			15	
32	13					13	4	4			12	
31	6		1			7	4	6			14	
30	20		1			21	21	3			24	
29	10					10	13	2			15	
28	12					12	12	5			24	
27	9		1			10	24	6			30	
26	11				17	28	14	3		4	25	
25	22					22	30	2			32	
24	47				21	68	30	4			35	

NORFOLK, VA, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
CHANNEL TO NEWPORT NEWS, VA--(CONTINUED)	EASTBOUND						WESTBOUND					
23	29			8		37	58	8		3	69	
22	53	4		4		61	58	6			64	
21	45	1				46	75	2		2	79	
20	22	4		1		27	42	2			46	
19	16	1				17	32		1	5	39	
18 AND LESS	961	321	2,138	4,720	475	8,615	986	333	2,694	4,322	8,817	
TOTAL	1,536	401	2,138	4,771	475	9,321	1,480	412	2,695	4,329	9,400	
PORT OF NEWPORT NEWS, VA.	INBOUND						OUTBOUND					
45	1	1				2	51	44			95	
44							6	2			8	
43							6	5			11	
42							25	5			30	
41							15	3			18	
40		3				3	38	4			42	
39	4	1				5	21	1			22	
38	4	1				5	5				20	
37	4	4				10	19				19	
36	11					11	14	1			15	
35	7	5				12	16	2			21	
34	11	6				17	21				18	
33	10	5				15	8				8	
32	8	4				12	13				13	
31	4	6				14	6	1			7	
30	21	3				24	20	1			21	
29	13	2				15	10				10	
28	23	5				28	12				17	
27	24	6				30	9	1			10	
26	18	3		4		25	11			17	28	
25	30	2				32	22			21	22	
24	30	4			1	35	22			21	43	
23	58	4			3	65	39			8	36	
22	49	1			2	50	19	1		1	41	
21	63				1	65	14	1			15	
20	33	2		1	1	36	17				17	
19	19		1	1	1	22	7				7	
18 AND LESS	998	324	1,320	340	321	3,303	1,011	324	1,271	279	318	
TOTAL	1,449	392	1,321	346	328	3,836	1,501	396	1,271	326	3,812	
JAMES RIVER, VA.	UPBOUND						DOWNBOUND					
22	9	9				18	40	5		3	48	
21	12	1				13	31	1		1	33	
20	9	1		1		11	5	4			9	
19	13				4	17	9				9	
18	41	1			8	50	7				7	
17	12	1			2	15	4				4	
16	3		2	10	3	18	6		5	18	29	
15	3		3	3	6	15	4		3	19	27	
14	6		2	3	17	25	3		2	4	13	
13	4		9	3	44	60	9		11	9	30	
12 AND LESS	10,543	2	3,375	7,074	104	21,098	10,541	4	3,342	7,054	170	
TOTAL	10,655	15	3,391	7,091	188	21,340	10,659	14	3,363	7,096	21,320	
PORT OF RICHMOND, VA.	INBOUND						OUTBOUND					
24							2				2	
23	8					8	10				10	
22	11					11	29				29	
21	6					6	5				5	
20	11				4	15	9				9	
19	35	1			8	44	7				7	
18	4	1			1	6	3				3	
17	1				1	2	6				6	
16	2		2		4	8	4		2		7	
15	4		2		11	17	3		2		8	
14	3		4		24	31	8		5		9	
13 AND LESS	17	2	446	688	52	1,205	17	4	445	688	91	
TOTAL	102	4	454	688	105	1,353	103	4	454	688	104	
PORT OF HOPEWELL, VA.	INBOUND						OUTBOUND					
24							23				23	
23	1	4				4	1	2			3	
22	1	5				6	4	3		3	10	
21	1	1				2	2	1		1	4	
20	3	1		1		5		4			4	
19	2					2					2	
18	6					6					6	
17	8					8					8	
16	2		2	10		14			5	18	23	
15	1		1	3	1	6			1	3	4	
14	2			7		9					9	
13	1		4	3	10	18	1		4	1	6	
12 AND LESS	2		240	66	46	354			237	54	63	
TOTAL	29	11	247	83	64	434	32	10	247	80	433	

NORFOLK, VA, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
HAMPTON CREEK, VA.												
10			281			281			285			285
9				556	A	556						2
8		90	9			107		3	15			18
7		67	50			117			56			56
6 AND LESS	816		3			819	816	146	71	518	A	1,559
TOTAL	816	157	343	556	A	1,880	816	149	180	518	A	1,880
APPOMATTOX RIVER, VA.												
11			4			4			2			2
9					7	7				1,340		1,340
3				1,215		1,215			67		5	5
2					7	7			69	1,340	5	1,423
TOTAL			71	1,215	7	1,293			69	1,340	5	1,423
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT) VIA GREAT BRIDGE LOCK												
12			2			2						4
11			2			2						2
10			87	52	5	144			99	6	98	203
9			83	140	5	228			57	551	33	641
8	3		188	130	3	324	2		200	21		225
7			26	8		34	1		30	5		36
6 AND LESS	2	3	109	475	127	716	1		47	274	9	331
TOTAL	5	3	497	806	180	1,481	4		437	557	140	1,438
BLACKWATER RIVER, VA.												
7	8		126	614		708	8		126			137
4				3		3				589		589
TOTAL	8		126	617		751	8		126	592		726
YORK RIVER, VA.												
38		17				17		2				2
37		8				8						
36		2				2		1				1
35		4				4		1				1
34		7				7						
33		4				4		2				2
32		5				5		1				2
31		7				7		1				1
30		4				4		2				2
29					1	1						
28	2	3				5			9			9
27		3			1	4			1			1
26		2			1	3			11			16
25							1		3			9
24								26				19
23												6
22								2				5
21					1	1		1				6
20			3			3						9
19		1	1		6	8	1		3			10
18 AND LESS	4,812	26	523	299	312	5,972	4,413	25	567	297	262	5,564
TOTAL	4,814	93	527	299	323	6,056	4,428	97	571	297	340	5,733
ABERDEEN CREEK, VA.												
NO VESSEL TRIPS REPORTED												
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (NORFOLK DISTRICT) DISMAL SWAMP CANAL AND PASQUOTANK RIVER												
TOTAL, 9 AND LESS			62			62			218			672
BEACH CREEK, VA.												
NO VESSEL TRIPS REPORTED												
BROAD CREEK, VA.												
TOTAL, 6 AND LESS	582					582	582					582
CAPE CHARLES CITY HARBOR, VA.												
TOTAL, 19 AND LESS	384	14	524	545	1	1,468	369	14	510	545	2	1,440
CARTERS CREEK, VA.												
TOTAL, 8 AND LESS	1,540	3				1,543	1,540	2				1,542

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NORFOLK, VA, DISTRICT

TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
CHANNEL CONNECTING YORK RIVER, VA., WITH RACK CREEK TO SLAIGHTS WHARF, VA. TOTAL, 4 AND LESS	192					192					192
CHANNEL FROM PHOENIX, VA. TO DEEP WATER IN HAMPTON ROADS, VA.	NO VESSEL TRIPS REPORTED										
CHESCONESSEX CREEK, VA. TOTAL, 5 AND LESS	634					634					634
CHINCOTFAGUE BAY, MD. AND VA. TOTAL, 10 AND LESS	2,599					2,599					2,679
CHINCOTEAGUE HARBOR OF REFUGE, VA. TOTAL, 5 AND LESS	172					172					172
CRANES CREEK, VA.	NO VESSEL TRIPS REPORTED										
DAVIS CREEK, VA. TOTAL, 5 AND LESS	834					834					834
DEEP CREEK, ACCOMACK COUNTY, VA. TOTAL, 5 AND LESS	545					545					545
DEEP CREEK, NEWPORT NEWS, VA. TOTAL, 6 AND LESS	345					345					345
DELAWARE BAY - CHESAPEAKE BAY WATERWAY - VIRGINIA PORTION TOTAL, 9 AND LESS	5,937		2			5,939					6,297
DYMERS CREEK, VA.	NO VESSEL TRIPS REPORTED										
GREENVALE CREEK, VA. TOTAL, 5 AND LESS	220					220					220
HORN HARBOR, VA. TOTAL, 5 AND LESS	285					285					285
HOSKINS CREEK, VA. TOTAL, 10 AND LESS			8	31		39			10		58
JACKSON CREEK, VA. TOTAL, 5 AND LESS	100					100					100
KINGS CREEK, NORTHAMPTON COUNTY, VA. TOTAL, 5 AND LESS	73					73					73
LAFAYETTE RIVER, VA. TOTAL, 6 AND LESS			1			1			1		1
LITTLE WACHIPONGO RIVER, VA. TOTAL, 4 AND LESS	277					277					277
LITTLE RIVER (CREEK), VA. TOTAL, 14 AND LESS	147		551	716	14	1,428	147		554	14	1,427
LOCKLIES CREEK, VA. TOTAL, 6 AND LESS	771					771					771
LYNHAVEN ROADS, INLET, AND CONNECTING WATERS, VA. TOTAL, 12 AND LESS	30		12		3	45	30		10	2	42
MATTAPONI RIVER, VA.	NO VESSEL TRIPS REPORTED										
MEMERRIN RIVER, N. C.	NO VESSEL TRIPS REPORTED										
MILFORD HAVEN, VA. TOTAL, 7 AND LESS	1,703		2			1,713			2		1,713

NORFOLK, VA, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
MILL CREEK, VA. TOTAL, 5 AND LESS - - - - -	100					UPBOUND					DOWNBOUND	100
MULBERRY CREEK, VA. TOTAL, 5 AND LESS - - - - -	715					UPBOUND					DOWNBOUND	715
NANDUA CREEK, VA. TOTAL, 7 AND LESS - - - - -	100					UPBOUND					DOWNBOUND	100
NANSEMOND RIVER, VA. TOTAL, 10 AND LESS - - - - -				99		UPBOUND			167		DOWNBOUND	171
NEWPORT NEWS CREEK, VA. TOTAL, 10 AND LESS - - - - -	957	141	142			UPBOUND			223		DOWNBOUND	205
OCCOHANNOCK CREEK, VA. TOTAL, 3 AND LESS - - - - -	128					UPBOUND					DOWNBOUND	128
ONANCOCK RIVER, VA. TOTAL, 12 AND LESS - - - - -	700	46	27			UPBOUND					DOWNBOUND	6
OSTER CHANNEL, VA. TOTAL, 5 AND LESS - - - - -	681					UPBOUND					DOWNBOUND	681
PAGAN RIVER, VA. TOTAL, 8 AND LESS - - - - -	90		3			UPBOUND					DOWNBOUND	93
PANUNKEY RIVER, VA. TOTAL, 8 AND LESS - - - - -				45		UPBOUND			89	2	DOWNBOUND	2
PARKER CREEK, VA. TOTAL, 4 AND LESS - - - - -	150					UPBOUND					DOWNBOUND	150
PARROTTS CREEK, VA. TOTAL, 5 AND LESS - - - - -	90					UPBOUND					DOWNBOUND	90
QUEENS CREEK, VA.						NO VESSEL TRIPS REPORTED						
QUINBY CREEK, VA. TOTAL, 5 AND LESS - - - - -	797					UPBOUND					DOWNBOUND	797
RAPPAHANNOCK RIVER, VA. TOTAL, 10 AND LESS - - - - -	7,705	3	49			UPBOUND			55		DOWNBOUND	57
STARLING CREEK, VA. TOTAL, 5 AND LESS - - - - -	894					UPBOUND					DOWNBOUND	894
TANGIER CHANNEL, VA. TOTAL, 8 AND LESS - - - - -	3,031	16				UPBOUND					DOWNBOUND	3,047
TOTUSKEY CREEK, VA. TOTAL, 8 AND LESS - - - - -	14		11			UPBOUND			9		DOWNBOUND	11
TYLER BEACH, VA.						NO VESSEL TRIPS REPORTED						
URBANNA CREEK, VA.						NO VESSEL TRIPS REPORTED						
WILLOUGHBY CHANNEL, VA. TOTAL, 6 AND LESS - - - - -	395		73			UPBOUND			10		DOWNBOUND	107
WINTER HARBOR, VA. TOTAL, 5 AND LESS - - - - -	250					INBOUND					OUTBOUND	250
WISBART POINT CHANNEL, VA.						NO VESSEL TRIPS REPORTED						

Waterborne Commerce of the United States, 1982

WILMINGTON, NC, DISTRICT

TRIPS AND DRAFTS OF VESSELS *

HARBOR OR WATERWAY	DIRECTION				TOTAL	DIRECTION				TOTAL
	SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS			SELF PROPELLED VESSELS		NON SELF PROPELLED VESSELS		
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER	PASSENGER AND DRY CARGO	TANKER	TUGBOAT OR TUGBOAT	DRY CARGO	TANKER
CHowan RIVER, N. C.										
				UPBOUND					DOWNBOUND	
7			126	630					126	11
6 AND LESS				3						580
TOTAL			126	633					126	600
PAMLICO AND TAR RIVERS, N. C.										
				UPBOUND					DOWNBOUND	
10			13						13	352
9			3		229				5	2
8									2	55
6 AND LESS			2	356	136				2	308
TOTAL			18	356	365				22	359
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHN'S RIVER, FLA. (WILMINGTON DISTRICT)										
				NORTHBOUND					SOUTHBOUND	
12	24		2	1		189		4		
11			2							
10			9	49	2			27	357	17
9			107	126	235			80	79	88
8			10	139	11			242	21	
7	1		47	26				76	8	
6 AND LESS	3,444	3	55	450	182	3,279		55	319	326
TOTAL	3,479	3	459	791	430	5,162	3,482	444	784	431
MOREHEAD CITY HARBOR, N. C.										
				INBOUND					OUTBOUND	
34	2		17							15
33	2		12							6
32	2		1							13
31	3		3							9
30	3		3							4
29	4		3							6
28	3		3		1					3
27	6		2		1					4
26	3		3							10
25	4		3							7
24	7		1					18	10	28
23	6		1					5	6	11
22	7		3		1			4	8	12
21	10		1		1			6	4	10
20	14		1	2				4	2	6
19	8		1	1				3	1	5
18 AND LESS	1,095	2	52	361	369	2,779	1,960	13	42	348
TOTAL	2,083	59	55	361	373	2,931	2,061	60	43	348
PORT OF WILMINGTON, N. C.										
				INBOUND					OUTBOUND	
34	1		9							6
37			13	7	1				6	
36			14							
35	2		13				1	2		3
34	3		19				8	1		9
33	7		11				18	11	1	28
32	15		7				22	8		29
31	24		6				30	28	12	40
30	33		11				44	37	10	47
29	55		10				66	40	11	61
28	55		12		1		76	50	16	67
27	58		8		4		70	58	8	62
26	46		12		7		65	45	15	61
25	60		20		4		88	46	11	60
24	43		13		1		57	36	16	55
23	29		6		1		36	27	13	41
22	25		2		1		28	19	12	32
21	19		4		2		25	18	12	30
20	12		2		4		19	18	10	29
19	7		2		2		11	20	11	33
18 AND LESS	2,041	19	200	213	297	3,170	2,428	33	201	219
TOTAL	2,939	213	207	215	333	3,907	2,919	212	207	344
WILMINGTON HARBOR, N. C.										
				UPBOUND					DOWNBOUND	
39			2							
38	1		7							
37			13	4	1				7	
36			14							
35	2		13				1	2		3
34	3		19				8	1		9
33	7		11				18	11	1	28
32	15		7				23	21	7	28
31	24		6				30	28	12	40
30	33		11				44	37	10	47
29	55		10		1		66	40	11	61
28	55		12		9		76	50	16	67
27	58		8		4		69	58	9	63
26	46		12		7		65	45	15	61
25	60		20		4		88	46	11	60

* EXCLUDES DOMESTIC FISH LANDINGS.

WILMINGTON, NC, DISTRICT

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TRIPS AND DRAFTS OF VESSELS

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL
	DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO		TANKER	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	
WILMINGTON HARBOR, N. C.--(CONTINUED)					UPROUND					DOWNROUND		
24	43	14			1	58	36	15			58	
23	29	4			1	36	27	13			41	
22	25	2			1	28	19	12			32	
21	19	5			2	26	16	11			29	
20	12	2			4	19	14	10			29	
19	7	2			2	11	20	11		1	33	
18 AND LESS	3,102	19	341		328	303	4,093	3,110	33	340	394	4,224
TOTAL	3,600	215	347		330	339	4,831	3,601	210	347	402	4,916
NORTHEAST (CAPE FEAR) RIVER, N. C.					UPROUND					DOWNROUND		
10			10		199	209		10			36	
9										9	9	
8										40	40	
7					79	79				10	10	
2										199	199	
TOTAL			10		79	199	288	10		49	199	298
ATLANTIC REACH CHANNELS, N. C.					INBOUND					OUTBOUND		
TOTAL, 5 AND LESS	1,250					1,250	1,250				1,250	
AVON HARBOR, N. C.					NO VESSEL TRIPS REPORTED							
BAY RIVER, N. C.					NO VESSEL TRIPS REPORTED							
BEAUFORT HARBOR, N. C.					INBOUND					OUTBOUND		
TOTAL, 12 AND LESS	370					370	356				356	
BELHAVEN HARBOR, N. C.					INBOUND					OUTBOUND		
TOTAL, 6 AND LESS	5					5	5				5	
CAPE FEAR RIVER ABOVE WILMINGTON, N. C.					UPROUND					DOWNROUND		
TOTAL, 18 AND LESS			94		62	84	244		95	60	34	191
CASHIE RIVER, N. C.					NO VESSEL TRIPS REPORTED							
CHANNEL CONNECTING THROUGHFARE BAY WITH CEDAR BAY, N. C.					NO VESSEL TRIPS REPORTED							
CHANNEL FROM RACK SOUND TO LOOKOUT BIGHT, N. C.					NO VESSEL TRIPS REPORTED							
CHANNEL FROM PAMLICO SOUND TO RODANTHE, N. C.					NO VESSEL TRIPS REPORTED							
CHANNEL TO ROGUE INLET, N. C.					UPROUND					DOWNROUND		
TOTAL, 6 AND LESS	1,228					1,228	1,228				1,228	
DRUM INLET, N. C.					NO VESSEL TRIPS REPORTED							
EDENTON HARBOR, N. C.					INBOUND					OUTBOUND		
TOTAL, 7 AND LESS			34		160	198		34		165	203	
FAR CREEK, N. C.					UPROUND					DOWNROUND		
TOTAL, 10 AND LESS			2		9	11		2		10	12	
KNOBBS CREEK, N. C.					UPROUND					DOWNROUND		
TOTAL, 9 AND LESS			61		59	120		61		59	120	
LOCKWOODS FOLLY RIVER, N. C.					NO VESSEL TRIPS REPORTED							
MACKAY CREEK, N. C.					NO VESSEL TRIPS REPORTED							
MANN'S HARBOR, N. C.					NO VESSEL TRIPS REPORTED							
MANTEO (SMALLOWRAG) BAY, N. C.					UPROUND					DOWNROUND		
TOTAL, 7 AND LESS	36		4			40	36	2			38	
NEUSE RIVER, N. C.					UPROUND					DOWNROUND		
TOTAL, 9 AND LESS	99		9		8	3	119	99	17	7	2	125

EXCLUDES DOMESTIC FISH LANDINGS.

Waterborne Commerce of the United States, 1982

WILMINGTON, NC, DISTRICT

TRIPS AND DRAFTS OF VESSELS *

HARBOR OR WATERWAY	DIRECTION				DIRECTION							
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	TOTAL			TOTAL				
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL
NEW RIVER, N. C. TOTAL, 6 AND LESS - - - - -	10		1	UPBOUND 1		12	10		1	DOWNBOUND 1		12
OCRACOKE INLET, N. C. TOTAL, 3 AND LESS - - - - -	720			UPBOUND		720	720			DOWNBOUND		720
PERQUIMANS RIVER, N. C.	NO VESSEL TRIPS REPORTED											
ROANOKE RIVER, N. C. TOTAL, 10 AND LESS - - - - -			97	UPBOUND 194	46	337			95	DOWNBOUND 202	46	343
ROLLINSON CHANNEL, N. C. TOTAL, 5 AND LESS - - - - -	30			UPBOUND		30	30			DOWNBOUND		30
SCUPPERNON RIVER, N. C.	NO VESSEL TRIPS REPORTED											
SHALLOTTE RIVER, N. C.	NO VESSEL TRIPS REPORTED											
SILVER LAKE HARBOR, N. C. TOTAL, 7 AND LESS - - - - -	2,187		1	INBOUND		2,188	2,185		3	OUTBOUND		2,188
SMITHS CREEK (PAMLICO COUNTY), N. C.	NO VESSEL TRIPS REPORTED											
SMITHS CREEK (WILMINGTON), N. C. TOTAL, 6 AND LESS - - - - -			3	UPBOUND 3		6			3	DOWNBOUND 3		6
SOUTH RIVER, N. C.	NO VESSEL TRIPS REPORTED											
STUMPY POINT BAY, N. C.	NO VESSEL TRIPS REPORTED											
TRENT RIVER, N. C. TOTAL, 7 AND LESS - - - - -			2	UPBOUND 6		8			2	DOWNBOUND 6		8
WANCHESF HARBOR, N. C. TOTAL, 7 AND LESS - - - - -	36		4	INBOUND		40	36		2	OUTBOUND		38
WATERWAY - NORFOLK, VA. TO SOUND OF NORTH CAROLINA TOTAL, 10 AND LESS - - - - -			4	UPBOUND 8		12			5	DOWNBOUND 11		16
WATERWAY CONNECTING PAMLICO SOUND AND BEAUFORT HARBOR, N. C. TOTAL, 9 AND LESS - - - - -	1,060		5	UPBOUND		1,065	1,059		2	DOWNBOUND		1,061
WATERWAY CONNECTING SHAW QUARTER BAY WITH DEEP HAV, N. C. TOTAL, 7 AND LESS - - - - -	692			UPBOUND		692	691			DOWNBOUND		691
WRIGHTS CREEK, N. C.	NO VESSEL TRIPS REPORTED											

* EXCLUDES DOMESTIC FISH LANDINGS.

CHARLESTON, SC, DISTRICT

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TRIPS AND DRAFTS OF VESSELS *

HARBOR OR WATERWAY	DIRECTION					DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (CHARLESTON DISTRICT)											
	NORTHBOUND						SOUTHBOUND				
12	10		10	3		6		13			
11	2		2		1			2			
10			24	42	1			11	10		
9			23	123	5			14	131	105	
8	18		303	63	4	12		32A	35	375	
7	45		112	37		51		122	4	177	
6 AND LESS	733		101	221	4	737		110	290	17	
TOTAL	808		575	489	19	1,691	806	600	477	17	
GEORGETOWN HARBOR, S. C. (WINYAH BAY)											
	INBOUND						OUTBOUND				
27	2		1			1					
26	2		2			1					
25	1					4					
24	1					2	1				
23	1		1			5					
22	5		1			6	1				
21	2					3	1				
20	4			1		5	1				
19	5					4					
18	4					3					
17	3					2					
15	5					2	1				
14	1	1				1					
13	1					5					
12 AND LESS	8		50	55		6		63	45	114	
TOTAL	45	6	50	56		43	6	63	45	157	
CHARLESTON HARBOR, S. C.											
	INBOUND						OUTBOUND				
37			10			10					
36	4		3			7	1				
35	11		8			19	1				
34	13		14			27	2				
33	19		15		1	35	21	1			
32	27		11		2	40	26	3			
31	39		9		6	54	52	6			
30	68		10		6	84	94	5	1	100	
29	109		6		9	124	101	4		109	
28	114		3		3	131	144	11	3	154	
27	126		6		3	135	156	4	4	170	
26	157		15		2	174	141	10	5	156	
25	145		5		2	152	109	17		126	
24	135		13			148	101	17	1	119	
23	125		4		10	139	119	12	1	132	
22	92		5		5	97	90	10	1	110	
21	83		4		5	92	80	4	1	94	
20	86		2		2	90	87	0	1	97	
19	52		3		2	57	44	4		52	
18 AND LESS	2,011		2,382	304	354	5,057	1,962	15	2,394	273	
TOTAL	3,416	144	2,392	304	412	6,672	3,390	147	2,403	424	
SHIPYARD RIVER, S. C.											
	INBOUND						OUTBOUND				
35			2			2	1	1			
34			4			4					
33			10			10	1				
32			4			4					
31			4			4	3				
30	1		1		1	3	3				
29						4	1				
28			4			4	1				
27			2			2	2				
26			5			5	1		1		
25					2	2					
24			2			2	1		1		
22						4	4				
21			1			1	3				
20	1					1	3				
19						4	1				
18 AND LESS	4	3	86	53	93	239	4	73	39	72	
TOTAL	6	40	88	53	96	243	6	37	74	74	
ABLEY RIVER, S. C.											
TOTAL, 14 AND LESS	1,498		305	415	16	2,634	1,488	321	410	10	
EDISTO RIVER, S. C.											
NO VESSEL TRIPS REPORTED											
GREAT PEE DEE RIVER, S. C.											
TOTAL, 6 AND LESS			1			1		1			

* EXCLUDES DOMESTIC FISH LANDINGS.

Waterborne Commerce of the United States, 1982

CHARLESTON, SC, DISTRICT

TRIPS AND DRAFTS OF VESSELS *

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND TUGBOAT	TANKER	TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TUGBOAT	DRY CARGO	TANKER	
PORT ROYAL HARBOR, S. C. TOTAL, 24 AND LESS - - - - -	15		5	INBOUND 2		22	16		6	OUTBOUND 3		27
SANTER RIVER, S. C. TOTAL, 8 AND LESS - - - - -			2	UPBOUND 1		3			1	DOWNBOUND 3		4
VILLAGE CREEK, S. C.	NO VESSEL TRIPS REPORTED											
WACCAMAW RIVER, N. C. AND S. C. TOTAL, 8 AND LESS - - - - -	5		2	INBOUND		7	5			OUTBOUND		5

* EXCLUDES DOMESTIC FISH LANDINGS.

SAVANNAH, GA, DISTRICT

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TRIPS AND DRAFTS OF VESSELS *

HARBOR OR WATERWAY	DIRECTION					DRAFT						
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS		
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
SAVANNAH HARBOR, GEORGIA	INBOUND						OUTBOUND					
39	1					1	2				2	
36		1				1	7				7	
37	6	11	1			18	19	4	1		24	
34	17	7				24	24	1			27	
35	27	29				56	29				29	
34	21	11			1	33	43	6			49	
33	30	5			2	37	31	1		2	34	
32	51	5			5	61	44	2			46	
31	69	14			6	89	62	4		1	69	
30	126	9				135	134				143	
29	95	12				107	139	12		1	149	
28	75	7				82	121	23		1	144	
27	74	4				78	98	17		1	115	
26	91	0	1	3	3	107	93	11	1	1	106	
25	92	13		3	2	110	120	20		1	143	
24	115	4		1	1	118	114	7		1	127	
23	92	6		1	1	100	135	7		1	143	
22	110	6		2	2	120	64	4		1	74	
21	81	5		1	1	87	53	3		2	58	
20	75	3	4	1	4	89	62	7	4	2	77	
19	56	2	2	3	1	64	40	11	2	4	62	
18 AND LESS	676	8	883	403	440	2,410	596	20	880	425	454	2,377
TOTAL	1,476	175	891	416	471	3,931	2,027	172	884	440	472	3,999
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (SAVANNAH DISTRICT)	NORTHBOUND						SOUTHBOUND					
14				1		1						
12			12			12		12			12	
11			2		4	6		2			2	
10			23	33	9	65		17	4		21	
9			33	113	142	288		24	102	9	139	
8	24		311	68	15	418	15	257	34		304	
7	9		324	40	1	377	17	287	11	44	361	
6 AND LESS	39		107	309	66	521	30	104	305	177	620	
TOTAL	72		816	564	234	1,690	62	711	454	232	1,461	
BRUNSWICK HARBOR, GEORGIA	INBOUND						OUTBOUND					
32	1					1						
31	8					8						
30	6	3				9	4				4	
29	10					10	3				3	
28	7					7	5				5	
27	2					2	5				5	
26	8					8	4				4	
25	11					11	5				5	
24	3					3	4				4	
23	6	1				7	6	1			7	
22	9					9	6	3		1	10	
21	39					39	14				14	
20	5					5	12				12	
19	3					3	12				13	
18	5					5	25	1			25	
17	5					5	6	1			7	
16							1				1	
15	1		1			2		1			1	
14	1	1				2	1		1		2	
13	3					3	3				3	
12 AND LESS	31		433	215	154	837	50	437	159	163	809	
TOTAL	164	4	434	215	154	976	166	6	438	161	163	934
ALTAMAHA RIVER, GA. TOTAL, 7 AND LESS			1	UPBOUND		1			1	DOWNBOUND		1
DARIEN HARBOR, GA.	NO VESSEL TRIPS REPORTED											
SATILLA RIVER, GA. TOTAL, 8 AND LESS			4	UPBOUND		4			2	DOWNBOUND		2
SAVANNAH RIVER BELOW AUGUSTA, GA. TOTAL, 8 AND LESS	2		4	UPBOUND		16	2		10	DOWNBOUND		20
ST. MARYS RIVER, GA. AND FLA. TOTAL, 11 AND LESS			60	UPBOUND		57			44	DOWNBOUND		57

* EXCLUDES DOMESTIC FISH LANDINGS.

JACKSONVILLE, FL, DISTRICT

TRIPS AND DRAFTS OF VESSELS *

HARBOR OR WATERWAY	DIRECTION						DIRECTION											
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			TOTAL			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			TOTAL		
	DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	TOTAL					
ATLANTIC INTRACOASTAL WATERWAY BETWEEN NORFOLK, VA., AND THE ST. JOHNS RIVER, FLA. (JACKSONVILLE DISTRICT)																		
	NORTHBOUND						SOUTHBOUND											
12			12	1		13			11			11						
11			2		9	11			9			2						
10			6		27	27			25			13						
9			30	1	247	278	1		25	3	9	65						
8			131	1	21	162	5		109	15		129						
7			5		280	285	4		265	10	46	325						
6 AND LESS			59		61	252	7		58	69	299	452						
TOTAL	19		520	130	355	1,024	17		479	128	353	977						
JACKSONVILLE HARBOR, FLA.																		
	INBOUND						OUTBOUND											
38						1	2	2				5						
37			27	24		52	2	4	31		10	47						
36	2		17		1	27	6	4	1		1	16						
35	2		22		2	25	5	6				11						
34	4		43		1	49	7	7			1	15						
33	14		15		3	32	16	5				21						
32	81		6		11	98	54	6				60						
31	33		11		2	46	23	4				33						
30	53		8		6	67	25	10				35						
29	62		14		6	82	62	9			2	74						
28	86		14		14	116	87	12	1			105						
27	78		14	3	12	111	73	9	1			90						
26	104		18	17	4	158	91	12	14		16	133						
25	97		10	4	4	120	90	11	2		6	109						
24	107		20	1	4	136	84	17				105						
23	95		12	1	1	116	86	20			1	107						
22	41		10	1	1	55	43	34	1			118						
21	34		7		5	50	60	26		1	7	94						
20	25		4	65	4	106	34	19	64		5	126						
19	14		9	39	3	65	14	9	33	2		58						
18 AND LESS	186	30	1,558	246	1,233	3,253	193	86	1,743	267	1,401	3,692						
TOTAL	1,126	322	1,713	259	1,345	4,765	1,105	320	1,891	270	1,468	5,054						
ST. JOHNS RIVER, FLA., JACKSONVILLE TO LAKE HARVEY																		
	UPBOUND						DOWNBOUND											
12					18	18						1						
10					1	1						1						
9				95	480	575	1		110			110						
8				291	71	362			241			241						
7	1			187		188	1		176			179						
6				134		134			133			133						
5				7		7			1		5	6						
4	1			1		1	1					1						
2				3	8	11				1	582	583						
1	1					1						1						
TOTAL	3		714	3	578	1,298	3		663	1	587	1,254						
INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FLA.																		
	NORTHBOUND						SOUTHBOUND											
15						4						2						
13						27			24		9	33						
12						2			10		56	66						
11						379			45		1	46						
10						157			32		2	39						
9						41	12	5	12	139	4	159						
8	13					208	17	4	148	3		164						
7	4					170	7		160			164						
6 AND LESS	4,031					89	133	47	4,300	121	385	4,819						
TOTAL	4,048		691	169	462	5,370	4,178		560	137	453	5,328						
CAIAVEPAL HARBOR, FLA.																		
	INBOUND						OUTBOUND											
36						1						3						
35	5		3			8	2	1				2						
34	3		14			10	1	1				2						
33	1		4			5	2	2				4						
32	2		4			6	1	2				3						
31	1		2			3	1	2				3						
30	4		3			7	4	2				6						
29	4		1		1	8	5					5						
28	4					4	6					6						
27	5		4			9	2					2						
26	7		1			8	4	7				11						
25	9		2			11	5	9				14						
24	7					7	2	6				8						
23	5					5	4	1				6						
22	4					8	10	4				18						
21	11				1	4	3					3						
20	42				1	45	52	2	6			60						
19	3				1	5	4			1		10						
18 AND LESS	355		310		71	394	357	2	449	77	408	1,285						
TOTAL	478	42	313	73	401	1,307	472	39	455	78	400	1,444						

* EXCLUDES DOMESTIC FISH LANDINGS.

JACKSONVILLE, FL, DISTRICT

TRIPS AND DRAFTS OF VESSELS *

HARBOR OR WATERWAY	DIRECTION					DIRECTION						
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER	
PALM BEACH HARBOR, FLA.				INBOUND					OUTBOUND			
33		1				1						
32		3				3		6			6	
31	2	2				4		4			4	
30		10				10		1			1	
29								1			1	
28	3					3	1	1			2	
27		1				1	1				1	
26	2					2	3			1	4	
25								1		1	2	
24		4			3	7		10		1	11	
23		1				1		2		15	17	
22		3				3	1			14	15	
21	1	1				2	1			1	2	
20	4	1	5	2	1	11	3		5	2	10	
19						3	1	2	1		4	
18 AND LESS	1,282	2	61	56	0	1,405	1,227	1	51	38	1,325	
TOTAL	1,294	29	67	58	0	1,456	1,238	29	57	73	1,405	
PORT EVERGLADES HARBOR, FLA.				INBOUND					OUTBOUND			
38		4				4		1			1	
37	2	28	28			31	2	4	29		35	
36	1	17				18	2	3		4	9	
35	1	50				51		6			6	
34	6	65				71	9	10			19	
33	9	24				33	8	7			17	
32	24	16				40	30	15			46	
31	49	11				60	49	12			64	
30	28	5				33	24	16			46	
29	42	2				44	15	18			42	
28	43	9				52	73	22		10	105	
27	41	19				60	30	27			77	
26	21	14	17	3	4	59	23	34	16		85	
25	37	8	1			46	29	19	1		51	
24	18	7				25	18	22		3	43	
23	13	12				25	16	13			29	
22	12	9	16			37	12	24	16		58	
21	6	4		1	8	19	5	10		1	19	
20	10	2	6		1	19	13	3	4		24	
19	3	3	6	3	1	16	2	1	5		8	
18 AND LESS	3,160	13	579	203	182	4,137	3,120	54	605	224	289	
TOTAL	3,522	322	653	210	378	5,085	3,480	321	676	225	361	
MIAMI HARBOR, FLA.				INBOUND					OUTBOUND			
30	98	11				109	84	4			88	
29	93	1				94	86				86	
28	74	3				77	56				56	
27	237					237	223	1			224	
26	289	1				290	369	2			371	
25	190					190	175	2			177	
24	91	1			3	95	107	4			111	
23	132	1				133	133	1			134	
22	134					134	138				138	
21	165				5	170	171	2		1	174	
20	131		4			135	106	3	1		110	
19	66		2			68	56	1	2		59	
18 AND LESS	5,350	25	3,747	42	311	9,475	5,354	30	3,792	56	328	
TOTAL	7,050	43	3,753	42	319	11,207	7,058	50	3,795	57	328	
MIAMI RIVER, FLA.				INBOUND					OUTBOUND			
15	40		6			46	32				32	
14	50					50	114	3			117	
13	64	1				65	94	1		1	96	
12	168					168	259				259	
11	174					174	134				134	
10	197	2				199	113	1			114	
9	70					70	74				74	
8	49			1		50	71		1		72	
7	39		1,661	1		1,701	81		1,660	1	1,740	
6 AND LESS	1,796		1,839	11		3,646	1,808		1,842	15	3,668	
TOTAL	2,647	3	3,507	14		6,171	2,740	5	3,503	16	4	
INTRACOASTAL WATERWAY, MIAMI TO KEY WEST, FLA.				NORTHBOUND					SOUTHBOUND			
11					14	14					5	
10			21	27	148	196				5	14	
9			9		34	43					4	
8			99		62	161				14	8	
7			117	3		120				3	4	
6	3		3	1		7					4	
5	2		11	1		14				11	7	
4					1	1					1	
3	11				1	13					13	
2	1				1	2	901				901	
1			34	6	34	74				1	74	
TOTAL	84		327	47	502	960	1,352	44	47	47	5	

* EXCLUDES DOMESTIC FISH LANDINGS

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WATERBORNE COMMERCE OF THE UNITED STATES CALENDAR YEAR
1982 PART 1 WATERM. (U) CORPS OF ENGINEERS FORT BELVOIR
VA WATER RESOURCES SUPPORT CE. . JUL 84 HRSC-MCUS-82-1

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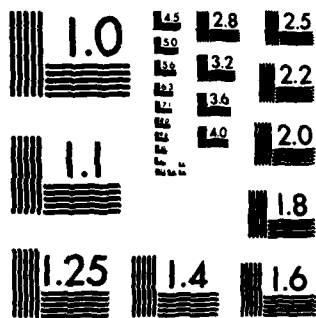
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NATIONAL BUREAU OF STANDARDS-1963-A

Waterborne Commerce of the United States, 1982

JACKSONVILLE, FL, DISTRICT

TRIPS AND DRAFTS OF VESSELS *

HARBOR OR WATERWAY	DIRECTION					TOTAL	DIRECTION					TOTAL	
	SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			SELF PROPELLED VESSELS			NON-SELF PROPELLED VESSELS			
	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		
BAKERS NAUOVER INLET, FLA. TOTAL, 7 AND LESS - - - - -	1,100		5	UPBOUND 11		1,116	1,348		5	DOWNBOUND 11		1,360	
EAU GALLIE HARBOR, FLA.				NO VESSEL TRIPS REPORTED									
FERNANDINA HARBOR, FLORIDA TOTAL, 18 AND LESS - - - - -	14		176	INBOUND 180		370	6		123	OUTBOUND 180		309	
FORT PIERCE HARBOR, FLA. TOTAL, 27 AND LESS - - - - -	111		32	INBOUND 13		156	150		24	OUTBOUND 10		186	
KEY WEST HARBOR, FLA. TOTAL, 18 AND LESS - - - - -	1,009	4	77	INBOUND 10	78	1,178	1,019		7	77	OUTBOUND 9	75	1,187
MELBOURNE HARBOR, FLA.				NO VESSEL TRIPS REPORTED									
NEW RIVER, FLA. TOTAL, 8 AND LESS - - - - -	125		3	INBOUND 4		132	123		9	OUTBOUND 5		137	
OKLAHAMA RIVER, FLA. TOTAL, 2 AND LESS - - - - -	74,000			UPBOUND		74,000	74,000			DOWNBOUND		74,000	
PONCE DE LEON INLET, FLA.				NO VESSEL TRIPS REPORTED									
RICE CREEK, FLA. TOTAL, 10 AND LESS - - - - -			43	UPBOUND 75		118			11	DOWNBOUND 75		86	
ST. AUGUSTINE HARBOR, FLA. TOTAL, 14 AND LESS - - - - -	997		10	INBOUND 2		1,009	998		9	OUTBOUND 3		1,010	
ST. LUCIE INLET, FLA. TOTAL, 8 AND LESS - - - - -			9	UPBOUND 11		20	3		10	DOWNBOUND 10		23	

* EXCLUDES DOMESTIC FISH LANDINGS.

ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT)

TRIPS AND DRAFTS OF VESSELS ♦

HARBOR OR WATERWAY	DIRECTION					DIRECTION					
	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS		TOTAL	SELF PROPELLED VESSELS			NON SELF PROPELLED VESSELS	
DRAFT (FEET)	PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER		PASSENGER AND DRY CARGO	TANKER	TOWBOAT OR TUGBOAT	DRY CARGO	TANKER
ATLANTIC INTRACOASTAL WATERWAY (CONSOLIDATED REPORT) BETWEEN NORFOLK, VA., AND THE ST. JOHN'S RIVER, FLA				NORTHBOUND					SOUTHBOUND		
12 - - - - -	36		14	3		91	195	16	3		214
11 - - - - -	2		2		10	14		2			2
10 - - - - -			109	40	27	175	1	126	350	98	508
9 - - - - -			84	153	474	715		199	692	97	886
8 - - - - -	44		521	71	32	668	30	574	132	97	736
7 - - - - -	55		475	45		575	65	488	174	46	733
6 AND LESS - - - - -	4,211	3	254	1,272	324	6,064	4,034	195	545	627	5,405
TOTAL - - - - -	4,346	3	1,463	1,593	471	8,276	4,329	1,470	1,695	864	8,562

♦ EXCLUDES DOMESTIC FISH LANDINGS.

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